Astrodienst Ephemeris Tables

from the year 1300 for 50 years

tropical geocentric zodiac

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

Programming
Dieter Koch and Alois Treindl
based on Swiss Ephemeris

Code D5EPX

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

ASTRODIENST EPHEMERIS for the year 1300
geocentric

JANUARY 1300 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	7 9 40	17♑59'01	25♈ 5	25♐ 4	1♑12	15♑27	11♈26	14°R42	9♎44	27♎47	18♒47	12°R 5	13♓26	11♏ 3	11°R13	F 1
S 2	7 13 36	19° 0'06	9♉19	25°36	2°28	16°14	11°33	14♌38	9°44	27°47	18°49	12♓ 4	13°23	11°10	11♉12	S 2
S 3	7 17 33	20° 1'10	23°42	26°13	3°43	17° 1	11°40	14°34	9°44	27°48	18°50	11°59	13°20	11°16	11°12	S 3
M 4	7 21 30	21° 2'14	8♊12	26°56	4°58	17°47	11°47	14°30	9°45	27°49	18°52	11°53	13°17	11°23	11°11	M 4
T 5	7 25 26	22° 3'16	22°42	27°43	6°13	18°34	11°54	14°25	9°45	27°49	18°53	11°45	13°14	11°30	11°11	T 5
W 6	7 29 23	23° 4'18	7♋ 8	28°34	7°28	19°21	12° 2	14°21	9°45	27°50	18°55	11°37	13°10	11°36	11°10	W 6
T 7	7 33 19	24° 5'18	21°22	29°28	8°43	20° 8	12° 9	14°17	9°R45	27°50	18°57	11°29	13° 7	11°43	11°10	T 7
F 8	7 37 16	25° 6'18	5♌18	0♑26	9°59	20°55	12°17	14°12	9°45	27°51	18°58	11°23	13° 4	11°50	11° 9	F 8
S 9	7 41 12	26° 7'17	18°53	1°27	11°14	21°42	12°25	14° 8	9°45	27°51	19° 0	11°18	13° 1	11°56	11° 9	S 9
S 10	7 45 9	27° 8'15	2♍ 6	2°30	12°29	22°28	12°33	14° 3	9°45	27°52	19° 1	11°16	12°58	12° 3	11° 9	S 10
M11	7 49 5	28° 9'12	14°56	3°36	13°44	23°15	12°41	13°59	9°44	27°52	19° 3	11°D16	12°55	12°10	11° 9	M11
T 12	7 53 2	29°10'08	27°25	4°44	14°59	24° 2	12°49	13°54	9°44	27°52	19° 5	11°17	12°51	12°17	11°D 9	T 12
W13	7 56 59	0♒11'04	9♎38	5°54	16°14	24°49	12°57	13°49	9°44	27°53	19° 6	11°18	12°48	12°23	11° 9	W13
T 14	8 0 55	1°11'58	21°38	7° 6	17°30	25°36	13° 6	13°45	9°43	27°53	19° 8	11°20	12°45	12°30	11° 9	T 14
F 15	8 4 52	2°12'52	3♏31	8°20	18°45	26°23	13°15	13°40	9°43	27°53	19°10	11°R20	12°42	12°37	11° 9	F 15
S 16	8 8 48	3°13'45	15°22	9°36	20° 0	27°10	13°24	13°35	9°42	27°54	19°11	11°19	12°39	12°43	11° 9	S 16
S 17	8 12 45	4°14'37	27°15	10°53	21°15	27°57	13°33	13°31	9°42	27°54	19°13	11°17	12°36	12°50	11° 9	S 17
M18	8 16 41	5°15'29	9♐16	12°11	22°30	28°45	13°42	13°26	9°41	27°54	19°14	11°12	12°32	12°57	11°10	M18
T 19	8 20 38	6°16'19	21°28	13°31	23°45	29°32	13°51	13°21	9°41	27°54	19°16	11° 7	12°29	13° 4	11°10	T 19
W20	8 24 34	7°17'08	3♑54	14°52	25° 0	0♒19	14° 0	13°16	9°40	27°54	19°18	11° 1	12°26	13°10	11°11	W20
T 21	8 28 31	8°17'57	16°36	16°14	26°16	1° 6	14°10	13°11	9°39	27°54	19°20	10°55	12°23	13°17	11°11	T 21
F 22	8 32 28	9°18'44	29°35	17°37	27°31	1°53	14°19	13° 6	9°38	27°R54	19°21	10°49	12°20	13°24	11°12	F 22
S 23	8 36 24	10°19'29	12♒50	19° 1	28°46	2°40	14°29	13° 2	9°38	27°54	19°23	10°45	12°16	13°30	11°12	S 23
S 24	8 40 21	11°20'13	26°19	20°27	0♒ 1	3°27	14°39	12°57	9°37	27°54	19°25	10°43	12°13	13°37	11°13	S 24
M25	8 44 17	12°20'56	10♓ 0	21°53	1°16	4°15	14°49	12°52	9°36	27°54	19°26	10°D42	12°10	13°44	11°14	M25
T 26	8 48 14	13°21'37	23°52	23°21	2°31	5° 2	14°59	12°47	9°35	27°54	19°28	10°43	12° 7	13°50	11°15	T 26
W27	8 52 10	14°22'17	7♈52	24°49	3°46	5°49	15° 9	12°42	9°34	27°54	19°30	10°44	12° 4	13°57	11°16	W27
T 28	8 56 7	15°22'54	21°57	26°18	5° 1	6°36	15°20	12°37	9°32	27°53	19°31	10°46	12° 1	14° 4	11°17	T 28
F 29	9 0 3	16°23'30	6♉ 6	27°49	6°16	7°23	15°30	12°32	9°31	27°53	19°33	10°47	11°57	14°11	11°18	F 29
S 30	9 4 0	17°24'04	20°16	29°20	7°31	8°11	15°41	12°27	9°30	27°53	19°35	10°R47	11°54	14°17	11°19	S 30
S 31	9 7 57	18♒24'37	4♊26	0♒52	8♒46	8♒58	15♈51	12♌23	9♎29	27♎53	19♒37	10♓46	11♓51	14♏24	11♉20	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	22s19	13n 0	3n30	21s 0	2n27	23s28	0n 4	23s34	0s57	3n23	1s16	17n35	1n 9	3s14	0n42	9s 2	1n48	25s23	10s42	7s 3	6s32	19s20	13n18	2s 3	F 1
S 2	22 11	18 44	4 18	21 10	2 17	23 30	0 1	23 29	0 57	3 26	1 15	17 37	1 9	3 14	0 42	9 2	1 48	25 23	10 42	7 4	6 33	19 22	13 18	2 3	S 2
S 3	22 2	23 28	4 51	21 21	2 8	23 30	0s 2	23 23	0 57	3 29	1 15	17 38	1 9	3 14	0 42	9 3	1 49	25 22	10 42	7 5	6 35	19 25	13 18	2 3	S 3
M 4	21 53	26 47	5 6	21 32	1 58	23 30	0 4	23 18	0 58	3 32	1 15	17 39	1 10	3 14	0 42	9 3	1 49	25 22	10 42	7 8	6 36	19 27	13 17	2 3	M 4
T 5	21 43	28 20	5 1	21 43	1 48	23 30	0 7	23 12	0 58	3 35	1 15	17 41	1 10	3 14	0 42	9 3	1 49	25 21	10 42	7 11	6 37	19 30	13 17	2 3	T 5
W 6	21 33	27 57	4 37	21 54	1 38	23 28	0 9	23 5	0 58	3 38	1 14	17 42	1 10	3 14	0 42	9 3	1 49	25 20	10 42	7 14	6 38	19 32	13 17	2 3	W 6
T 7	21 23	25 43	3 56	22 4	1 28	23 26	0 12	22 59	0 59	3 41	1 14	17 44	1 10	3 14	0 42	9 3	1 49	25 20	10 42	7 17	6 39	19 35	13 17	2 3	T 7
F 8	21 12	21 57	3 2	22 14	1 18	23 23	0 14	22 52	0 59	3 44	1 14	17 45	1 10	3 14	0 42	9 3	1 49	25 19	10 42	7 19	6 41	19 38	13 17	2 3	F 8
S 9	21 0	17 5	1 58	22 23	1 8	23 20	0 16	22 45	0 59	3 48	1 14	17 47	1 10	3 14	0 42	9 3	1 49	25 19	10 42	7 21	6 42	19 40	13 17	2 3	S 9
S 10	20 49	11 32	0 49	22 32	0 58	23 15	0 19	22 38	0 59	3 51	1 13	17 48	1 10	3 14	0 42	9 4	1 49	25 18	10 42	7 22	6 43	19 43	13 17	2 3	S 10
M11	20 37	5 39	0s20	22 40	0 49	23 10	0 21	22 30	1 0	3 54	1 13	17 49	1 11	3 14	0 42	9 4	1 49	25 18	10 42	7 22	6 44	19 45	13 17	2 3	M11
T 12	20 24	0s17	1 26	22 48	0 39	23 5	0 24	22 22	1 0	3 58	1 13	17 51	1 11	3 13	0 42	9 4	1 49	25 17	10 42	7 22	6 46	19 48	13 17	2 3	T 12
W13	20 11	6 5	2 28	22 54	0 30	22 58	0 26	22 14	1 0	4 1	1 12	17 52	1 11	3 13	0 42	9 4	1 49	25 16	10 41	7 21	6 47	19 50	13 17	2 3	W13
T 14	19 58	11 34	3 21	23 0	0 21	22 51	0 28	22 6	1 1	4 5	1 12	17 54	1 11	3 13	0 42	9 4	1 49	25 16	10 41	7 21	6 48	19 53	13 17	2 3	T 14
F 15	19 45	16 35	4 6	23 4	0 12	22 43	0 31	21 57	1 1	4 9	1 12	17 55	1 11	3 13	0 42	9 4	1 49	25 15	10 41	7 20	6 49	19 55	13 17	2 3	F 15
S 16	19 31	20 57	4 40	23 8	0 3	22 35	0 33	21 48	1 1	4 12	1 12	17 57	1 11	3 13	0 42	9 4	1 49	25 15	10 41	7 21	6 50	19 58	13 17	2 3	S 16
S 17	19 16	24 31	5 2	23 10	0s 5	22 26	0 35	21 39	1 1	4 16	1 11	17 58	1 11	3 12	0 42	9 4	1 49	25 14	10 41	7 22	6 52	20 0	13 17	2 3	S 17
M18	19 2	27 2	5 11	23 12	0 14	22 16	0 37	21 30	1 2	4 20	1 11	18 0	1 12	3 12	0 42	9 4	1 49	25 14	10 41	7 23	6 53	20 3	13 18	2 3	M18
T 19	18 47	28 21	5 6	23 12	0 22	22 5	0 40	21 20	1 2	4 24	1 11	18 1	1 12	3 12	0 42	9 4	1 50	25 13	10 41	7 26	6 54	20 5	13 18	2 3	T 19
W20	18 31	28 15	4 47	23 11	0 29	21 54	0 42	21 10	1 2	4 27	1 11	18 3	1 12	3 12	0 43	9 4	1 50	25 12	10 41	7 28	6 55	20 8	13 18	2 3	W20
T 21	18 16	26 41	4 13	23 9	0 37	21 42	0 44	21 0	1 2	4 31	1 11	18 4	1 12	3 11	0 43	9 4	1 50	25 12	10 41	7 30	6 57	20 10	13 18	2 3	T 21
F 22	18 0	23 40	3 26	23 6	0 44	21 29	0 46	20 50	1 3	4 35	1 10	18 6	1 12	3 11	0 43	9 4	1 50	25 11	10 41	7 32	6 58	20 13	13 18	2 3	F 22
S 23	17 43	19 22	2 27	23 1	0 51	21 16	0 48	20 39	1 3	4 39	1 10	18 7	1 12	3 11	0 43	9 4	1 50	25 11	10 41	7 34	6 59	20 15	13 19	2 2	S 23
S 24	17 27	14 1	1 18	22 56	0 58	21 2	0 50	20 29	1 3	4 43	1 10	18 9	1 12	3 10	0 43	9 3	1 50	25 10	10 41	7 35	7 0	20 18	13 19	2 2	S 24
M25	17 10	7 54	0 4	22 49	1 5	20 48	0 52	20 18	1 3	4 47	1 10	18 10	1 12	3 10	0 43	9 3	1 50	25 10	10 41	7 35	7 1	20 20	13 19	2 2	M25
T 26	16 53	1 21	1n12	22 40	1 11	20 33	0 54	20 6	1 3	4 52	1 9	18 12	1 12	3 9	0 43	9 3	1 50	25 9	10 41	7 35	7 3	20 23	13 19	2 2	T 26
W27	16 35	5n20	2 24	22 31	1 17	20 17	0 56	19 55	1 4	4 56	1 9	18 13	1 12	3 9	0 43	9 3	1 50	25 9	10 41	7 34	7 4	20 25	13 20	2 2	W27
T 28	16 17	11 47	3 27	22 19	1 23	20 1	0 57	19 43	1 4	5 0	1 9	18 15	1 13	3 8	0 43	9 3	1 50	25 8	10 41	7 34	7 5	20 27	13 20	2 2	T 28
F 29	15 59	17 40	4 19	22 7	1 28	19 44	0 59	19 32	1 4	5 4	1 9	18 16	1 13	3 8	0 43	9 3	1 50	25 8	10 41	7 33	7 6	20 30	13 20	2 2	F 29
S 30	15 41	22 36	4 55	21 53	1 33	19 26	1 1	19 19	1 4	5 9	1 8	18 18	1 13	3 7	0 43	9 3	1 50	25 7	10 41	7 33	7 7	20 32	13 21	2 2	S 30
S 31	15s22	26n14	5n13	21s38	1s38	19s 8	1s 2	19s 7	1s 4	5n13	1s 8	18n19	1n13	3s 7	0n43	9s 3	1n50	25s 6	10s41	7s33	7s 9	20s35	13n21	2s 2	S 31

Julian Day Number = 2195882.5, Delta T = 10m24s
Ecliptic obliquity = 23°31'57, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 14°58'39, Lahiri = 14°05'40 Julian Calendar 1 Jan. 1300 == Greg. Calendar 8 Jan. 1300

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ASTRODIENST EPHEMERIS for the year 1300
geocentric

FEBRUARY 1300 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	9 11 53	19♒25'07	18♊34	2♒25	10♒ 1	9♒45	16♈ 2	12°R18	9°R27	27°R52	19♒38	10°R44	11♓48	14♏31	11♉21	M 1
T 2	9 15 50	20°25'36	2♋37	3°59	11°16	10°32	16°13	12♌13	9♎26	27♎52	19°40	10♓42	11°45	14°37	11°23	T 2
W 3	9 19 46	21°26'02	16°33	5°34	12°31	11°20	16°24	12° 8	9°25	27°52	19°42	10°39	11°41	14°44	11°24	W 3
T 4	9 23 43	22°26'27	0♌17	7°10	13°46	12° 7	16°35	12° 3	9°23	27°51	19°43	10°36	11°38	14°51	11°26	T 4
F 5	9 27 39	23°26'50	13°48	8°47	15° 1	12°54	16°46	11°59	9°22	27°51	19°45	10°34	11°35	14°58	11°27	F 5
S 6	9 31 36	24°27'12	27° 4	10°25	16°16	13°41	16°58	11°54	9°20	27°50	19°47	10°33	11°32	15° 4	11°29	S 6
S 7	9 35 32	25°27'31	10♍ 2	12° 3	17°31	14°29	17° 9	11°49	9°19	27°50	19°49	10°D32	11°29	15°11	11°30	S 7
M 8	9 39 29	26°27'49	22°44	13°43	18°46	15°16	17°21	11°45	9°17	27°49	19°50	10°33	11°26	15°18	11°32	M 8
T 9	9 43 26	27°28'05	5♎10	15°24	20° 1	16° 3	17°32	11°40	9°15	27°48	19°52	10°34	11°22	15°24	11°34	T 9
W10	9 47 22	28°28'19	17°22	17° 6	21°16	16°50	17°44	11°35	9°14	27°48	19°54	10°35	11°19	15°31	11°36	W10
T 11	9 51 19	29°28'32	29°23	18°48	22°31	17°38	17°56	11°31	9°12	27°47	19°55	10°36	11°16	15°38	11°37	T 11
F 12	9 55 15	0♓28'44	11♏18	20°32	23°46	18°25	18° 7	11°26	9°10	27°47	19°57	10°37	11°13	15°44	11°39	F 12
S 13	9 59 12	1°28'54	23°10	22°17	25° 1	19°12	18°19	11°22	9° 8	27°46	19°59	10°37	11°10	15°51	11°41	S 13
S 14	10 3 8	2°29'02	5♐ 4	24° 3	26°16	19°59	18°31	11°18	9° 6	27°45	20° 0	10°R38	11° 7	15°58	11°43	S 14
M15	10 7 5	3°29'09	17° 5	25°50	27°31	20°47	18°43	11°13	9° 5	27°44	20° 2	10°37	11° 3	16° 5	11°45	M15
T 16	10 11 1	4°29'14	29°17	27°38	28°45	21°34	18°56	11° 9	9° 3	27°44	20° 4	10°37	11° 0	16°11	11°48	T 16
W17	10 14 58	5°29'17	11♑45	29°27	0♓ 0	22°21	19° 8	11° 5	9° 1	27°43	20° 5	10°36	10°57	16°18	11°50	W17
T 18	10 18 55	6°29'19	24°31	1♓17	1°15	23° 8	19°20	11° 1	8°59	27°42	20° 7	10°36	10°54	16°25	11°52	T 18
F 19	10 22 51	7°29'19	7♒38	3° 9	2°30	23°56	19°32	10°56	8°57	27°41	20° 9	10°35	10°51	16°31	11°54	F 19
S 20	10 26 48	8°29'17	21° 7	5° 1	3°45	24°43	19°45	10°52	8°54	27°40	20°10	10°35	10°47	16°38	11°57	S 20
S 21	10 30 44	9°29'14	4♓56	6°55	5° 0	25°30	19°57	10°48	8°52	27°39	20°12	10°35	10°44	16°45	11°59	S 21
M22	10 34 41	10°29'08	19° 3	8°49	6°14	26°17	20°10	10°44	8°50	27°38	20°14	10°35	10°41	16°52	12° 2	M22
T 23	10 38 37	11°29'00	3♈23	10°45	7°29	27° 5	20°23	10°41	8°48	27°37	20°15	10°35	10°38	16°58	12° 4	T 23
W24	10 42 34	12°28'50	17°52	12°41	8°44	27°52	20°35	10°37	8°46	27°36	20°17	10°35	10°35	17° 5	12° 7	W24
T 25	10 46 30	13°28'38	2♉23	14°39	9°59	28°39	20°48	10°33	8°44	27°35	20°18	10°34	10°32	17°12	12° 9	T 25
F 26	10 50 27	14°28'24	16°52	16°37	11°13	29°26	21° 1	10°30	8°41	27°34	20°20	10°34	10°28	17°18	12°12	F 26
S 27	10 54 24	15°28'08	1♊14	18°36	12°28	0♓13	21°14	10°26	8°39	27°33	20°22	10°34	10°25	17°25	12°15	S 27
S 28	10 58 20	16°27'49	15°25	20°35	13°43	1° 0	21°27	10°23	8°37	27°32	20°23	10°D33	10°22	17°32	12°18	S 28
M29	11 2 17	17♓27'28	29♊24	22♓35	14♓58	1♓48	21♈40	10♌19	8♎34	27♎31	20♒25	10♓34	10♓19	17♏39	12♉21	M29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	15s 3	28n13	5n12	21s21	1s42	18s50	1s 4	18s55	1s 4	5n17	1s 8	18n21	1n13	3s 6	0n43	9s 2	1n50	25s 6	10s42	7s34	7s10	20s37	13n22	2s 2
T 2	14 44	28 22	4 52	21 3	1 46	18 31	1 6	18 42	1 5	5 22	1 8	18 22	1 13	3 6	0 43	9 2	1 50	25 5	10 42	7 35	7 11	20 40	13 22	2 2
W 3	14 25	26 43	4 15	20 44	1 50	18 11	1 7	18 29	1 5	5 26	1 8	18 23	1 13	3 5	0 43	9 2	1 50	25 5	10 42	7 36	7 12	20 42	13 23	2 2
T 4	14 5	23 29	3 24	20 23	1 54	17 51	1 9	18 16	1 5	5 30	1 7	18 25	1 13	3 5	0 43	9 2	1 51	25 4	10 42	7 37	7 14	20 44	13 23	2 2
F 5	13 45	19 1	2 22	20 1	1 57	17 30	1 10	18 3	1 5	5 35	1 7	18 26	1 13	3 4	0 43	9 2	1 51	25 4	10 42	7 38	7 15	20 47	13 24	2 2
S 6	13 25	13 42	1 14	19 37	1 59	17 9	1 11	17 49	1 5	5 39	1 7	18 28	1 13	3 3	0 43	9 1	1 51	25 3	10 42	7 38	7 16	20 49	13 24	2 2
S 7	13 5	7 53	0 3	19 11	2 2	16 48	1 13	17 36	1 5	5 44	1 7	18 29	1 13	3 3	0 43	9 1	1 51	25 3	10 42	7 39	7 17	20 52	13 25	2 2
M 8	12 45	1 52	1s 7	18 45	2 4	16 26	1 14	17 22	1 5	5 49	1 7	18 30	1 13	3 2	0 43	9 1	1 51	25 2	10 42	7 39	7 18	20 54	13 25	2 2
T 9	12 24	4s 5	2 12	18 16	2 5	16 3	1 15	17 8	1 5	5 53	1 6	18 32	1 13	3 1	0 43	9 1	1 51	25 2	10 42	7 38	7 20	20 56	13 26	2 2
W10	12 3	9 46	3 10	17 47	2 6	15 40	1 16	16 53	1 6	5 58	1 6	18 33	1 13	3 1	0 43	9 0	1 51	25 1	10 42	7 38	7 21	20 59	13 26	2 2
T 11	11 42	15 1	3 59	17 15	2 7	15 17	1 17	16 39	1 6	6 2	1 6	18 34	1 14	3 0	0 43	9 0	1 51	25 1	10 42	7 37	7 22	21 1	13 27	2 2
F 12	11 21	19 39	4 36	16 43	2 7	14 53	1 18	16 25	1 6	6 7	1 6	18 36	1 14	2 59	0 43	9 0	1 51	25 0	10 42	7 37	7 23	21 3	13 28	2 2
S 13	10 59	23 30	5 2	16 9	2 7	14 29	1 19	16 10	1 6	6 12	1 6	18 37	1 14	2 58	0 43	8 59	1 51	25 0	10 42	7 37	7 24	21 6	13 28	2 2
S 14	10 38	26 23	5 15	15 33	2 7	14 4	1 20	15 55	1 6	6 17	1 6	18 38	1 14	2 58	0 43	8 59	1 51	25 0	10 43	7 37	7 26	21 8	13 29	2 2
M15	10 16	28 7	5 15	14 56	2 6	13 39	1 21	15 40	1 6	6 21	1 5	18 39	1 14	2 57	0 43	8 59	1 51	24 59	10 43	7 37	7 27	21 11	13 30	2 2
T 16	9 54	28 32	5 0	14 17	2 4	13 14	1 22	15 25	1 6	6 26	1 5	18 41	1 14	2 56	0 43	8 58	1 51	24 59	10 43	7 37	7 28	21 13	13 30	2 2
W17	9 32	27 31	4 31	13 37	2 2	12 48	1 22	15 9	1 6	6 31	1 5	18 42	1 14	2 55	0 43	8 58	1 51	24 58	10 43	7 37	7 29	21 15	13 31	2 2
T 18	9 10	25 3	3 49	12 55	2 0	12 22	1 23	14 54	1 6	6 36	1 5	18 43	1 14	2 55	0 43	8 58	1 51	24 58	10 43	7 37	7 30	21 18	13 32	2 1
F 19	8 48	21 13	2 53	12 12	1 57	11 55	1 24	14 38	1 6	6 41	1 5	18 44	1 14	2 54	0 43	8 57	1 51	24 57	10 43	7 38	7 32	21 20	13 32	2 1
S 20	8 25	16 11	1 46	11 28	1 53	11 29	1 24	14 22	1 6	6 46	1 4	18 45	1 14	2 53	0 43	8 57	1 51	24 57	10 43	7 38	7 33	21 22	13 33	2 1
S 21	8 3	10 13	0 31	10 42	1 49	11 2	1 25	14 6	1 6	6 50	1 4	18 47	1 14	2 52	0 43	8 57	1 51	24 56	10 43	7 38	7 34	21 24	13 34	2 1
M22	7 40	3 38	0n47	9 55	1 45	10 34	1 25	13 50	1 6	6 55	1 4	18 48	1 14	2 51	0 43	8 56	1 52	24 56	10 43	7 38	7 35	21 27	13 35	2 1
T 23	7 17	3n14	2 3	9 6	1 39	10 7	1 25	13 34	1 6	7 0	1 4	18 49	1 14	2 50	0 43	8 56	1 52	24 56	10 44	7 38	7 37	21 29	13 36	2 1
W24	6 54	10 0	3 12	8 16	1 34	9 39	1 26	13 18	1 6	7 5	1 4	18 50	1 14	2 49	0 43	8 55	1 52	24 55	10 44	7 38	7 38	21 31	13 36	2 1
T 25	6 31	16 15	4 9	7 25	1 28	9 11	1 26	13 1	1 6	7 10	1 4	18 51	1 14	2 49	0 43	8 55	1 52	24 55	10 44	7 38	7 39	21 34	13 37	2 1
F 26	6 8	21 34	4 50	6 33	1 21	8 42	1 26	12 45	1 6	7 15	1 4	18 52	1 14	2 48	0 43	8 55	1 52	24 54	10 44	7 38	7 40	21 36	13 38	2 1
S 27	5 45	25 35	5 13	5 39	1 13	8 14	1 26	12 28	1 6	7 20	1 3	18 53	1 14	2 47	0 43	8 54	1 52	24 54	10 44	7 38	7 41	21 38	13 39	2 1
S 28	5 22	27 58	5 16	4 45	1 5	7 45	1 26	12 11	1 6	7 25	1 3	18 54	1 14	2 46	0 43	8 54	1 52	24 54	10 44	7 38	7 43	21 40	13 40	2 1
M29	4s58	28n32	5n 0	3s49	0s57	7s16	1s26	11s54	1s 6	7n30	1s 3	18n55	1n14	2s45	0n43	8s53	1n52	24s53	10s45	7s38	7s44	21s43	13n41	2s 1

Julian Day Number = 2195913.5, Delta T = 10m24s
Ecliptic obliquity = 23°31'57, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 14°58'44, Lahiri = 14°05'44 Julian Calendar 1 Feb. 1300 == Greg. Calendar 8 Feb. 1300

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ASTRODIENST EPHEMERIS for the year 1300
geocentric

MARCH 1300 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	11 6 13	18♓27'05	13♋10	24♓35	16♓12	2♓35	21♈53	10°R16	8°R32	27°R30	20♒26	10♓34	10♓16	17♏45	12♉23	T 1
W 2	11 10 10	19°26'39	26°42	26°35	17°27	3°22	22° 6	10♌13	8♎30	27♎28	20°28	10°35	10°13	17°52	12°26	W 2
T 3	11 14 6	20°26'11	10♌ 0	28°35	18°42	4° 9	22°20	10° 9	8°27	27°27	20°29	10°36	10° 9	17°59	12°29	T 3
F 4	11 18 3	21°25'40	23° 5	0♈35	19°56	4°56	22°33	10° 6	8°25	27°26	20°31	10°37	10° 6	18° 5	12°32	F 4
S 5	11 21 59	22°25'08	5♍56	2°34	21°11	5°43	22°46	10° 3	8°22	27°25	20°32	10°R37	10° 3	18°12	12°35	S 5
S 6	11 25 56	23°24'33	18°35	4°31	22°25	6°30	23° 0	10° 1	8°20	27°23	20°34	10°37	10° 0	18°19	12°38	S 6
M 7	11 29 53	24°23'56	1♎ 3	6°27	23°40	7°17	23°13	9°58	8°18	27°22	20°35	10°36	9°57	18°26	12°42	M 7
T 8	11 33 49	25°23'17	13°19	8°21	24°54	8° 4	23°26	9°55	8°15	27°21	20°37	10°35	9°53	18°32	12°45	T 8
W 9	11 37 46	26°22'36	25°26	10°13	26° 9	8°51	23°40	9°52	8°13	27°19	20°38	10°32	9°50	18°39	12°48	W 9
T 10	11 41 42	27°21'53	7♏25	12° 2	27°23	9°38	23°54	9°50	8°10	27°18	20°40	10°30	9°47	18°46	12°51	T 10
F 11	11 45 39	28°21'09	19°19	13°48	28°38	10°25	24° 7	9°48	8° 7	27°17	20°41	10°27	9°44	18°52	12°55	F 11
S 12	11 49 35	29°20'22	1♐11	15°31	29°52	11°12	24°21	9°45	8° 5	27°15	20°43	10°25	9°41	18°59	12°58	S 12
S 13	11 53 32	0♈19'34	13° 5	17° 9	1♈ 7	11°58	24°34	9°43	8° 2	27°14	20°44	10°23	9°38	19° 6	13° 1	S 13
M14	11 57 28	1°18'44	25° 4	18°44	2°21	12°45	24°48	9°41	8° 0	27°13	20°45	10°22	9°34	19°13	13° 5	M14
T 15	12 1 25	2°17'52	7♑14	20°13	3°36	13°32	25° 2	9°39	7°57	27°11	20°47	10°D22	9°31	19°19	13° 8	T 15
W16	12 5 22	3°16'58	19°39	21°38	4°50	14°19	25°16	9°37	7°55	27°10	20°48	10°22	9°28	19°26	13°12	W16
T 17	12 9 18	4°16'02	2♒23	22°57	6° 5	15° 6	25°30	9°35	7°52	27° 8	20°49	10°24	9°25	19°33	13°15	T 17
F 18	12 13 15	5°15'05	15°30	24°11	7°19	15°52	25°43	9°33	7°50	27° 7	20°51	10°25	9°22	19°39	13°19	F 18
S 19	12 17 11	6°14'06	29° 2	25°19	8°33	16°39	25°57	9°32	7°47	27° 5	20°52	10°27	9°19	19°46	13°23	S 19
S 20	12 21 8	7°13'05	13♓ 1	26°21	9°48	17°26	26°11	9°30	7°44	27° 4	20°53	10°R27	9°15	19°53	13°26	S 20
M21	12 25 4	8°12'01	27°23	27°17	11° 2	18°13	26°25	9°29	7°42	27° 2	20°55	10°26	9°12	20° 0	13°30	M21
T 22	12 29 1	9°10'56	12♈ 4	28° 7	12°17	18°59	26°39	9°28	7°39	27° 1	20°56	10°24	9° 9	20° 6	13°34	T 22
W23	12 32 57	10° 9'49	26°58	28°51	13°31	19°46	26°53	9°26	7°37	26°59	20°57	10°20	9° 6	20°13	13°37	W23
T 24	12 36 54	11° 8'40	11♉57	29°28	14°45	20°32	27° 7	9°25	7°34	26°58	20°58	10°16	9° 3	20°20	13°41	T 24
F 25	12 40 50	12° 7'29	26°50	29°59	15°59	21°19	27°21	9°24	7°32	26°56	20°59	10°11	8°59	20°26	13°45	F 25
S 26	12 44 47	13° 6'15	11♊32	0♉23	17°14	22° 5	27°35	9°23	7°29	26°54	21° 1	10° 8	8°56	20°33	13°49	S 26
S 27	12 48 44	14° 4'59	25°55	0°41	18°28	22°52	27°50	9°23	7°26	26°53	21° 2	10° 5	8°53	20°40	13°53	S 27
M28	12 52 40	15° 3'41	9♋58	0°52	19°42	23°38	28° 4	9°22	7°24	26°51	21° 3	10°D 4	8°50	20°47	13°57	M28
T 29	12 56 37	16° 2'21	23°39	0°R57	20°56	24°25	28°18	9°21	7°21	26°50	21° 4	10° 4	8°47	20°53	14° 0	T 29
W30	13 0 33	17° 0'58	6♌59	0°56	22°10	25°11	28°32	9°21	7°19	26°48	21° 5	10° 5	8°44	21° 0	14° 4	W30
T 31	13 4 30	17♈59'33	20♌ 1	0♉49	23♈25	25♓57	28♈46	9♌21	7♎16	26♎46	21♒ 6	10♓ 6	8♓40	21♏ 7	14♉ 8	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	4s35	27n19	4n27	2s53	0s48	6s47	1s26	11s37	1s 6	7n35	1s 3	18n56	1n14	2s44	0n43	8s53	1n52	24s53	10s45	7s38	7s45	21s45	13n41	2s 1
W 2	4 12	24 30	3 40	1 57	0 38	6 17	1 26	11 20	1 6	7 40	1 3	18 56	1 14	2 43	0 43	8 52	1 52	24 53	10 45	7 38	7 46	21 47	13 42	2 1
T 3	3 48	20 24	2 42	1 0	0 28	5 48	1 25	11 3	1 6	7 45	1 3	18 57	1 14	2 42	0 43	8 52	1 52	24 52	10 45	7 37	7 47	21 50	13 43	2 1
F 4	3 25	15 23	1 36	0 2	0 18	5 18	1 25	10 46	1 6	7 50	1 3	18 58	1 14	2 41	0 43	8 51	1 52	24 52	10 45	7 37	7 49	21 52	13 44	2 1
S 5	3 1	9 46	0 26	0n55	0 7	4 48	1 25	10 28	1 6	7 55	1 2	18 59	1 14	2 40	0 43	8 51	1 52	24 52	10 45	7 37	7 50	21 54	13 45	2 1
S 6	2 38	3 51	0s44	1 52	0n 5	4 18	1 24	10 11	1 6	8 1	1 2	19 0	1 14	2 39	0 43	8 50	1 52	24 51	10 46	7 37	7 51	21 56	13 46	2 1
M 7	2 14	2s 6	1 51	2 49	0 16	3 48	1 24	9 53	1 6	8 6	1 2	19 0	1 14	2 38	0 44	8 50	1 52	24 51	10 46	7 37	7 52	21 58	13 47	2 1
T 8	1 50	7 54	2 51	3 45	0 28	3 18	1 23	9 35	1 5	8 11	1 2	19 1	1 14	2 37	0 44	8 49	1 52	24 51	10 46	7 38	7 53	22 1	13 48	2 1
W 9	1 27	13 20	3 43	4 41	0 40	2 48	1 23	9 18	1 5	8 16	1 2	19 2	1 14	2 36	0 44	8 49	1 52	24 50	10 46	7 39	7 55	22 3	13 49	2 1
T 10	1 3	18 12	4 24	5 35	0 52	2 18	1 22	9 0	1 5	8 21	1 2	19 3	1 14	2 35	0 44	8 48	1 52	24 50	10 46	7 40	7 56	22 5	13 50	2 1
F 11	0 39	22 20	4 54	6 27	1 5	1 47	1 21	8 42	1 5	8 26	1 2	19 3	1 14	2 34	0 44	8 48	1 52	24 50	10 47	7 41	7 57	22 7	13 51	2 1
S 12	0 16	25 33	5 11	7 18	1 17	1 17	1 20	8 24	1 5	8 31	1 2	19 4	1 14	2 33	0 44	8 47	1 52	24 50	10 47	7 42	7 58	22 9	13 52	2 1
S 13	0n 8	27 39	5 15	8 7	1 28	0 46	1 19	8 6	1 5	8 36	1 1	19 4	1 14	2 32	0 44	8 47	1 52	24 49	10 47	7 42	7 59	22 12	13 53	2 1
M14	0 31	28 31	5 5	8 54	1 40	0 16	1 18	7 48	1 5	8 42	1 1	19 5	1 14	2 31	0 44	8 46	1 52	24 49	10 47	7 43	8 1	22 14	13 54	2 1
T 15	0 55	28 1	4 41	9 39	1 51	0n15	1 18	7 29	1 5	8 47	1 1	19 5	1 14	2 30	0 44	8 46	1 52	24 49	10 48	7 43	8 2	22 16	13 55	2 1
W16	1 19	26 7	4 4	10 21	2 2	0 46	1 16	7 11	1 4	8 52	1 1	19 6	1 14	2 29	0 44	8 45	1 52	24 49	10 48	7 42	8 3	22 18	13 56	2 1
T 17	1 42	22 51	3 14	11 0	2 12	1 16	1 15	6 53	1 4	8 57	1 1	19 6	1 14	2 28	0 44	8 45	1 53	24 48	10 48	7 42	8 4	22 20	13 57	2 1
F 18	2 6	18 22	2 13	11 37	2 22	1 47	1 14	6 35	1 4	9 2	1 1	19 7	1 14	2 27	0 44	8 44	1 53	24 48	10 48	7 41	8 5	22 23	13 58	2 1
S 19	2 29	12 49	1 2	12 10	2 31	2 17	1 13	6 16	1 4	9 7	1 1	19 7	1 14	2 26	0 44	8 44	1 53	24 48	10 48	7 41	8 7	22 25	13 59	2 1
S 20	2 53	6 29	0n14	12 41	2 39	2 48	1 12	5 58	1 4	9 12	1 1	19 8	1 14	2 25	0 44	8 43	1 53	24 48	10 49	7 41	8 8	22 27	14 0	2 1
M21	3 16	0n21	1 31	13 8	2 46	3 18	1 10	5 39	1 4	9 18	1 1	19 8	1 14	2 24	0 44	8 42	1 53	24 48	10 49	7 41	8 9	22 29	14 2	2 1
T 22	3 39	7 19	2 45	13 32	2 53	3 49	1 9	5 21	1 3	9 23	1 0	19 8	1 14	2 23	0 44	8 42	1 53	24 47	10 49	7 42	8 10	22 31	14 3	2 1
W23	4 2	13 58	3 47	13 53	2 58	4 19	1 8	5 2	1 3	9 28	1 0	19 9	1 14	2 22	0 44	8 41	1 53	24 47	10 49	7 43	8 11	22 33	14 4	2 1
T 24	4 26	19 50	4 35	14 10	3 2	4 49	1 6	4 44	1 3	9 33	1 0	19 9	1 14	2 21	0 43	8 41	1 53	24 47	10 50	7 45	8 13	22 35	14 5	2 1
F 25	4 49	24 27	5 4	14 24	3 5	5 19	1 5	4 25	1 3	9 38	1 0	19 9	1 14	2 20	0 43	8 40	1 53	24 47	10 50	7 47	8 14	22 37	14 6	2 1
S 26	5 12	27 24	5 12	14 34	3 7	5 49	1 3	4 6	1 2	9 43	1 0	19 9	1 14	2 19	0 43	8 39	1 53	24 47	10 50	7 48	8 15	22 40	14 7	2 1
S 27	5 35	28 28	5 0	14 41	3 8	6 19	1 1	3 48	1 2	9 48	1 0	19 9	1 14	2 18	0 43	8 39	1 53	24 47	10 51	7 49	8 16	22 42	14 8	2 1
M28	5 57	27 39	4 31	14 44	3 7	6 49	1 0	3 29	1 2	9 54	1 0	19 10	1 14	2 17	0 43	8 38	1 53	24 47	10 51	7 50	8 17	22 44	14 9	2 1
T 29	6 20	25 10	3 46	14 44	3 5	7 18	0 58	3 10	1 2	9 59	1 0	19 10	1 13	2 16	0 43	8 38	1 53	24 46	10 51	7 50	8 19	22 46	14 10	2 1
W30	6 43	21 21	2 51	14 40	3 1	7 48	0 56	2 52	1 1	10 4	1 0	19 10	1 13	2 15	0 43	8 37	1 53	24 46	10 51	7 49	8 20	22 48	14 12	2 1
T 31	7n 5	16n34	1n47	14n33	2n57	8n17	0s54	2s33	1s 1	10n 9	1s 0	19n10	1n13	2s14	0n43	8s37	1n53	24s46	10s52	7s49	8s21	22s50	14n13	2s 1

Julian Day Number = 2195942.5, Delta T = 10m24s
Ecliptic obliquity = 23°31'57, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 14°58'48, Lahiri = 14°05'48 Julian Calendar 1 March 1300 == Greg. Calendar 9 March 1300

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ASTRODIENST EPHEMERIS for the year 1300
geocentric

APRIL 1300 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	13 8 26	18♈58'06	2♍47	0°R36	24♈39	26♓44	29♈ 0	9°R20	7°R14	26°R45	21♒ 7	10♓ 8	8♓37	21♏13	14♉12	F 1
S 2	13 12 23	19°56'36	15°19	0♉18	25°53	27°30	29°15	9♌20	7♎11	26♎43	21° 8	10°R 8	8°34	21°20	14°16	S 2
S 3	13 16 19	20°55'05	27°41	29♈56	27° 7	28°16	29°29	9°D20	7° 9	26°42	21° 9	10° 6	8°31	21°27	14°20	S 3
M 4	13 20 16	21°53'31	9♎54	29°28	28°21	29° 2	29°43	9°20	7° 6	26°40	21°10	10° 3	8°28	21°34	14°24	M 4
T 5	13 24 13	22°51'56	21°59	28°58	29°35	29°49	29°57	9°21	7° 4	26°38	21°11	9°57	8°24	21°40	14°29	T 5
W 6	13 28 9	23°50'18	3♏59	28°23	0♉49	0♈35	0♉11	9°21	7° 1	26°37	21°12	9°50	8°21	21°47	14°33	W 6
T 7	13 32 6	24°48'39	15°54	27°47	2° 3	1°21	0°26	9°21	6°59	26°35	21°13	9°41	8°18	21°54	14°37	T 7
F 8	13 36 2	25°46'58	27°47	27° 8	3°17	2° 7	0°40	9°22	6°56	26°33	21°14	9°33	8°15	22° 0	14°41	F 8
S 9	13 39 59	26°45'16	9♐39	26°29	4°31	2°53	0°54	9°22	6°54	26°32	21°15	9°24	8°12	22° 7	14°45	S 9
S 10	13 43 55	27°43'32	21°33	25°49	5°45	3°39	1° 9	9°23	6°52	26°30	21°16	9°17	8° 9	22°14	14°49	S 10
M11	13 47 52	28°41'46	3♑32	25° 9	6°59	4°25	1°23	9°24	6°49	26°29	21°16	9°12	8° 5	22°21	14°53	M11
T 12	13 51 48	29°39'59	15°41	24°31	8°13	5°10	1°37	9°25	6°47	26°27	21°17	9° 9	8° 2	22°27	14°58	T 12
W13	13 55 45	0♉38'10	28° 2	23°54	9°27	5°56	1°51	9°26	6°45	26°25	21°18	9°D 8	7°59	22°34	15° 2	W13
T 14	13 59 42	1°36'20	10♒42	23°19	10°41	6°42	2° 6	9°27	6°43	26°24	21°19	9° 8	7°56	22°41	15° 6	T 14
F 15	14 3 38	2°34'28	23°43	22°48	11°55	7°28	2°20	9°28	6°40	26°22	21°20	9° 9	7°53	22°47	15°10	F 15
S 16	14 7 35	3°32'34	7♓11	22°19	13° 9	8°14	2°34	9°30	6°38	26°20	21°20	9°R10	7°50	22°54	15°15	S 16
S 17	14 11 31	4°30'40	21° 7	21°54	14°22	8°59	2°49	9°31	6°36	26°19	21°21	9° 9	7°46	23° 1	15°19	S 17
M18	14 15 28	5°28'43	5♈30	21°34	15°36	9°45	3° 3	9°33	6°34	26°17	21°22	9° 7	7°43	23° 8	15°23	M18
T 19	14 19 24	6°26'46	20°19	21°17	16°50	10°30	3°17	9°34	6°32	26°16	21°22	9° 2	7°40	23°14	15°27	T 19
W20	14 23 21	7°24'46	5♉26	21° 5	18° 4	11°16	3°31	9°36	6°29	26°14	21°23	8°55	7°37	23°21	15°32	W20
T 21	14 27 17	8°22'46	20°41	20°58	19°18	12° 1	3°46	9°38	6°27	26°12	21°23	8°46	7°34	23°28	15°36	T 21
F 22	14 31 14	9°20'43	5♊54	20°D55	20°31	12°47	4° 0	9°40	6°25	26°11	21°24	8°37	7°30	23°35	15°40	F 22
S 23	14 35 11	10°18'39	20°54	20°57	21°45	13°32	4°14	9°42	6°23	26° 9	21°25	8°29	7°27	23°41	15°45	S 23
S 24	14 39 7	11°16'33	5♋34	21° 3	22°59	14°17	4°28	9°44	6°21	26° 8	21°25	8°22	7°24	23°48	15°49	S 24
M25	14 43 4	12°14'26	19°47	21°15	24°13	15° 3	4°43	9°47	6°19	26° 6	21°26	8°18	7°21	23°55	15°53	M25
T 26	14 47 0	13°12'16	3♌33	21°30	25°26	15°48	4°57	9°49	6°18	26° 4	21°26	8°16	7°18	24° 1	15°58	T 26
W27	14 50 57	14°10'05	16°53	21°50	26°40	16°33	5°11	9°51	6°16	26° 3	21°27	8°D16	7°15	24° 8	16° 2	W27
T 28	14 54 53	15° 7'52	29°49	22°15	27°54	17°18	5°25	9°54	6°14	26° 1	21°27	8°16	7°11	24°15	16° 6	T 28
F 29	14 58 50	16° 5'37	12♍26	22°43	29° 7	18° 3	5°39	9°57	6°12	26° 0	21°27	8°R16	7° 8	24°22	16°11	F 29
S 30	15 2 46	17♉ 3'21	24♍47	23°R16	0♊21	18°R48	5♉53	9♌59	6♎10	25♎58	21♒28	8♓15	7♓ 5	24♏28	16♉15	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	7n27	11n 8	0n40	14n23	2n50	8n46	0s53	2s14	1s 1	10n14	1s 0	19n10	1n13	2s13	0n43	8s36	1n53	24s46	10s52	7s48	8s22	22s52	14n14	2s 1
S 2	7 50	5 22	0s28	14 9	2 42	9 15	0 51	1 55	1 1	10 19	0 59	19 10	1 13	2 12	0 43	8 35	1 53	24 46	10 52	7 48	8 23	22 54	14 15	2 1
S 3	8 12	0s31	1 34	13 53	2 33	9 44	0 49	1 37	1 0	10 24	0 59	19 10	1 13	2 11	0 43	8 35	1 53	24 46	10 52	7 49	8 25	22 56	14 16	2 1
M 4	8 34	6 18	2 34	13 33	2 23	10 12	0 47	1 18	1 0	10 29	0 59	19 10	1 13	2 10	0 43	8 34	1 53	24 46	10 53	7 50	8 26	22 58	14 17	2 2
T 5	8 56	11 47	3 27	13 11	2 11	10 40	0 45	0 59	1 0	10 35	0 59	19 10	1 13	2 9	0 43	8 34	1 53	24 46	10 53	7 52	8 27	23 0	14 19	2 2
W 6	9 17	16 48	4 10	12 47	1 58	11 8	0 43	0 41	0 59	10 40	0 59	19 10	1 13	2 8	0 43	8 33	1 53	24 46	10 53	7 55	8 28	23 2	14 20	2 2
T 7	9 39	21 9	4 41	12 20	1 44	11 36	0 41	0 22	0 59	10 45	0 59	19 9	1 13	2 7	0 43	8 32	1 53	24 46	10 54	7 58	8 29	23 4	14 21	2 2
F 8	10 0	24 37	5 1	11 53	1 29	12 3	0 39	0 3	0 59	10 50	0 59	19 9	1 13	2 6	0 43	8 32	1 53	24 46	10 54	8 1	8 31	23 6	14 22	2 2
S 9	10 21	27 2	5 7	11 23	1 13	12 30	0 36	0n15	0 59	10 55	0 59	19 9	1 13	2 5	0 43	8 31	1 53	24 46	10 54	8 4	8 32	23 8	14 23	2 2
S 10	10 42	28 15	5 0	10 54	0 57	12 57	0 34	0 34	0 58	11 0	0 59	19 9	1 13	2 4	0 43	8 31	1 53	24 46	10 55	8 7	8 33	23 11	14 24	2 2
M11	11 3	28 9	4 40	10 24	0 40	13 24	0 32	0 52	0 58	11 5	0 59	19 9	1 13	2 3	0 43	8 30	1 53	24 46	10 55	8 9	8 34	23 13	14 26	2 2
T 12	11 24	26 42	4 7	9 54	0 23	13 50	0 30	1 11	0 58	11 10	0 59	19 8	1 13	2 3	0 43	8 29	1 53	24 46	10 55	8 10	8 35	23 15	14 27	2 2
W13	11 44	23 56	3 22	9 24	0 6	14 16	0 28	1 30	0 57	11 15	0 59	19 8	1 13	2 2	0 43	8 29	1 53	24 46	10 55	8 11	8 36	23 17	14 28	2 2
T 14	12 5	19 58	2 27	8 55	0s11	14 41	0 25	1 48	0 57	11 20	0 59	19 8	1 13	2 1	0 43	8 28	1 53	24 46	10 56	8 10	8 38	23 19	14 29	2 2
F 15	12 25	14 57	1 22	8 28	0 28	15 6	0 23	2 7	0 56	11 25	0 59	19 7	1 13	2 0	0 43	8 28	1 53	24 46	10 56	8 10	8 39	23 20	14 30	2 2
S 16	12 45	9 4	0 11	8 2	0 44	15 31	0 21	2 25	0 56	11 30	0 59	19 7	1 13	1 59	0 43	8 27	1 53	24 46	10 56	8 10	8 40	23 22	14 31	2 2
S 17	13 4	2 34	1n 4	7 38	1 0	15 55	0 18	2 43	0 56	11 35	0 59	19 6	1 13	1 58	0 43	8 26	1 53	24 46	10 57	8 10	8 41	23 24	14 33	2 2
M18	13 24	4n17	2 16	7 16	1 16	16 19	0 16	3 2	0 55	11 40	0 58	19 6	1 13	1 57	0 43	8 26	1 53	24 46	10 57	8 11	8 42	23 26	14 34	2 2
T 19	13 43	11 5	3 22	6 56	1 30	16 43	0 13	3 20	0 55	11 45	0 58	19 5	1 13	1 57	0 43	8 25	1 53	24 46	10 57	8 13	8 44	23 28	14 35	2 2
W20	14 2	17 22	4 14	6 39	1 44	17 6	0 11	3 38	0 55	11 49	0 58	19 5	1 13	1 56	0 43	8 25	1 53	24 46	10 58	8 16	8 45	23 30	14 36	2 2
T 21	14 21	22 38	4 49	6 24	1 57	17 29	0 9	3 56	0 54	11 54	0 58	19 4	1 12	1 55	0 43	8 24	1 53	24 46	10 58	8 19	8 46	23 32	14 37	2 2
F 22	14 40	26 21	5 4	6 12	2 10	17 51	0 6	4 15	0 54	11 59	0 58	19 4	1 12	1 54	0 43	8 24	1 53	24 46	10 58	8 22	8 47	23 34	14 39	2 2
S 23	14 58	28 9	4 57	6 2	2 21	18 13	0 4	4 33	0 53	12 4	0 58	19 3	1 12	1 53	0 43	8 23	1 53	24 46	10 59	8 25	8 48	23 36	14 40	2 3
S 24	15 16	27 55	4 31	5 55	2 31	18 34	0 1	4 51	0 53	12 9	0 58	19 2	1 12	1 53	0 43	8 23	1 53	24 47	10 59	8 28	8 50	23 38	14 41	2 3
M25	15 34	25 50	3 48	5 50	2 41	18 55	0n 1	5 9	0 52	12 14	0 58	19 2	1 12	1 52	0 43	8 22	1 53	24 47	10 59	8 29	8 51	23 40	14 42	2 3
T 26	15 52	22 15	2 54	5 48	2 49	19 15	0 4	5 26	0 52	12 18	0 58	19 1	1 12	1 51	0 43	8 21	1 53	24 47	11 0	8 30	8 52	23 42	14 43	2 3
W27	16 9	17 36	1 51	5 48	2 57	19 35	0 6	5 44	0 52	12 23	0 58	19 0	1 12	1 50	0 43	8 21	1 53	24 47	11 0	8 30	8 53	23 44	14 44	2 3
T 28	16 26	12 17	0 45	5 51	3 3	19 54	0 9	6 2	0 51	12 28	0 58	19 0	1 12	1 50	0 43	8 20	1 53	24 47	11 0	8 30	8 54	23 46	14 46	2 3
F 29	16 43	6 35	0s22	5 57	3 9	20 13	0 11	6 20	0 51	12 33	0 58	18 59	1 12	1 49	0 43	8 20	1 53	24 47	11 1	8 30	8 55	23 48	14 47	2 3
S 30	17n 0	0n45	1s27	6n 4	3s14	20n31	0n13	6n37	0s50	12n37	0s58	18n58	1n12	1s48	0n43	8s19	1n53	24s48	11s 1	8s30	8s57	23s49	14n48	2s 3

Julian Day Number = 2195973.5, Delta T = 10m24s
Ecliptic obliquity = 23°31'57, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 14°58'52, Lahiri = 14°05'52 Julian Calendar 1 Apr. 1300 == Greg. Calendar 9 Apr. 1300

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1300
geocentric

MAY 1300 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	15 6 43	18♉ 1'02	6♎58	23♈53	1♊34	19♈33	6♉ 7	10♌ 2	6°R 9	25°R57	21♒28	8°R12	7♓ 2	24♏35	16♉19	S 1
M 2	15 10 40	18°58'43	19° 0	24°33	2°48	20°18	6°22	10° 5	6♎ 7	25♎55	21°28	8♓ 6	6°59	24°42	16°24	M 2
T 3	15 14 36	19°56'22	0♏57	25°18	4° 2	21° 3	6°36	10° 8	6° 5	25°54	21°29	7°57	6°56	24°48	16°28	T 3
W 4	15 18 33	20°53'59	12°51	26° 6	5°15	21°48	6°50	10°12	6° 4	25°52	21°29	7°46	6°52	24°55	16°32	W 4
T 5	15 22 29	21°51'35	24°44	26°57	6°29	22°33	7° 4	10°15	6° 2	25°51	21°29	7°33	6°49	25° 2	16°37	T 5
F 6	15 26 26	22°49'10	6♐36	27°52	7°42	23°17	7°18	10°18	6° 1	25°50	21°29	7°20	6°46	25° 9	16°41	F 6
S 7	15 30 22	23°46'44	18°31	28°50	8°56	24° 2	7°32	10°22	5°59	25°48	21°30	7° 7	6°43	25°15	16°45	S 7
S 8	15 34 19	24°44'17	0♑28	29°52	10° 9	24°47	7°46	10°25	5°58	25°47	21°30	6°56	6°40	25°22	16°50	S 8
M 9	15 38 15	25°41'49	12°31	0♉56	11°23	25°31	7°59	10°29	5°56	25°45	21°30	6°47	6°36	25°29	16°54	M 9
T 10	15 42 12	26°39'20	24°42	2° 4	12°36	26°16	8°13	10°32	5°55	25°44	21°30	6°41	6°33	25°36	16°58	T 10
W11	15 46 9	27°36'50	7♒ 5	3°15	13°49	27° 0	8°27	10°36	5°54	25°43	21°30	6°37	6°30	25°42	17° 3	W11
T 12	15 50 5	28°34'19	19°43	4°28	15° 3	27°45	8°41	10°40	5°52	25°41	21°30	6°36	6°27	25°49	17° 7	T 12
F 13	15 54 2	29°31'47	2♓40	5°44	16°16	28°29	8°55	10°44	5°51	25°40	21°30	6°36	6°24	25°56	17°11	F 13
S 14	15 57 58	0♊29'15	16° 1	7° 4	17°29	29°13	9° 9	10°48	5°50	25°39	21°R30	6°35	6°21	26° 2	17°15	S 14
S 15	16 1 55	1°26'41	29°49	8°26	18°43	29°57	9°22	10°52	5°49	25°38	21°30	6°34	6°17	26° 9	17°20	S 15
M16	16 5 51	2°24'07	14♈ 5	9°50	19°56	0♉42	9°36	10°56	5°48	25°36	21°30	6°31	6°14	26°16	17°24	M16
T 17	16 9 48	3°21'33	28°47	11°18	21° 9	1°26	9°50	11° 1	5°47	25°35	21°30	6°25	6°11	26°23	17°28	T 17
W18	16 13 44	4°18'57	13♉50	12°48	22°23	2°10	10° 3	11° 5	5°46	25°34	21°30	6°16	6° 8	26°29	17°32	W18
T 19	16 17 41	5°16'21	29° 6	14°21	23°36	2°54	10°17	11° 9	5°45	25°33	21°30	6° 6	6° 5	26°36	17°37	T 19
F 20	16 21 38	6°13'45	14♊24	15°56	24°49	3°38	10°30	11°14	5°44	25°32	21°30	5°55	6° 2	26°43	17°41	F 20
S 21	16 25 34	7°11'07	29°32	17°35	26° 3	4°22	10°44	11°19	5°43	25°30	21°30	5°45	5°58	26°49	17°45	S 21
S 22	16 29 31	8° 8'29	14♋21	19°15	27°16	5° 5	10°57	11°23	5°43	25°29	21°30	5°36	5°55	26°56	17°49	S 22
M23	16 33 27	9° 5'49	28°44	20°59	28°29	5°49	11°11	11°28	5°42	25°28	21°29	5°30	5°52	27° 3	17°53	M23
T 24	16 37 24	10° 3'08	12♌38	22°45	29°42	6°33	11°24	11°33	5°41	25°27	21°29	5°27	5°49	27°10	17°57	T 24
W25	16 41 20	11° 0'27	26° 3	24°33	0♋55	7°16	11°37	11°38	5°41	25°26	21°29	5°26	5°46	27°16	18° 1	W25
T 26	16 45 17	11°57'44	9♍ 1	26°24	2° 8	8° 0	11°51	11°43	5°40	25°25	21°29	5°26	5°42	27°23	18° 6	T 26
F 27	16 49 14	12°55'01	21°38	28°18	3°22	8°44	12° 4	11°48	5°40	25°24	21°28	5°26	5°39	27°30	18°10	F 27
S 28	16 53 10	13°52'16	3♎56	0♊14	4°35	9°27	12°17	11°53	5°39	25°23	21°28	5°24	5°36	27°37	18°14	S 28
S 29	16 57 7	14°49'31	16° 2	2°12	5°48	10°10	12°30	11°58	5°39	25°22	21°28	5°21	5°33	27°43	18°18	S 29
M30	17 1 3	15°46'45	28° 0	4°13	7° 1	10°54	12°43	12° 4	5°38	25°21	21°27	5°15	5°30	27°50	18°22	M30
T 31	17 5 0	16♊43'58	9♏53	6♊15	8♋14	11♉37	12♉56	12♌ 9	5♎38	25♎20	21♒27	5♓ 6	5♓27	27♏57	18♉26	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17n16	5s 0	2s26	6n14	3s18	20n49	0n16	6n55	0s50	12n42	0s58	18n57	1n12	1s48	0n43	8s19	1n53	24s48	11s 1	8s32	8s58	23s51	14n49	2s 3
M 2	17 32	10 31	3 18	6 26	3 21	21 6	0 18	7 12	0 49	12 47	0 58	18 56	1 12	1 47	0 43	8 18	1 53	24 48	11 2	8 34	8 59	23 53	14 50	2 3
T 3	17 48	15 36	4 1	6 40	3 23	21 23	0 21	7 30	0 49	12 51	0 58	18 56	1 12	1 46	0 43	8 18	1 53	24 48	11 2	8 37	9 0	23 55	14 51	2 3
W 4	18 3	20 5	4 33	6 56	3 24	21 39	0 23	7 47	0 48	12 56	0 58	18 55	1 12	1 46	0 43	8 17	1 53	24 48	11 2	8 42	9 1	23 57	14 52	2 3
T 5	18 18	23 45	4 53	7 14	3 25	21 54	0 26	8 4	0 48	13 1	0 58	18 54	1 12	1 45	0 43	8 17	1 53	24 49	11 3	8 46	9 3	23 59	14 54	2 4
F 6	18 33	26 26	5 0	7 34	3 25	22 9	0 28	8 21	0 47	13 5	0 58	18 53	1 12	1 45	0 43	8 16	1 53	24 49	11 3	8 51	9 4	24 1	14 55	2 4
S 7	18 47	27 55	4 54	7 56	3 24	22 23	0 31	8 38	0 47	13 10	0 58	18 52	1 12	1 44	0 43	8 16	1 52	24 49	11 3	8 56	9 5	24 3	14 56	2 4
S 8	19 2	28 8	4 36	8 19	3 22	22 36	0 33	8 55	0 46	13 14	0 58	18 51	1 12	1 44	0 42	8 15	1 52	24 49	11 4	9 0	9 6	24 4	14 57	2 4
M 9	19 15	27 0	4 5	8 43	3 20	22 49	0 35	9 12	0 46	13 19	0 58	18 50	1 12	1 43	0 42	8 15	1 52	24 50	11 4	9 3	9 7	24 6	14 58	2 4
T 10	19 29	24 35	3 22	9 10	3 17	23 1	0 38	9 28	0 45	13 23	0 58	18 49	1 12	1 43	0 42	8 14	1 52	24 50	11 4	9 6	9 8	24 8	14 59	2 4
W11	19 42	20 59	2 29	9 37	3 13	23 13	0 40	9 45	0 45	13 28	0 58	18 48	1 12	1 42	0 42	8 14	1 52	24 50	11 5	9 7	9 10	24 10	15 0	2 4
T 12	19 55	16 21	1 28	10 6	3 9	23 24	0 42	10 1	0 44	13 32	0 58	18 47	1 12	1 42	0 42	8 13	1 52	24 50	11 5	9 8	9 11	24 12	15 1	2 4
F 13	20 8	10 53	0 21	10 36	3 4	23 34	0 45	10 18	0 44	13 37	0 58	18 45	1 12	1 41	0 42	8 13	1 52	24 51	11 5	9 8	9 12	24 13	15 3	2 4
S 14	20 20	4 46	0n50	11 7	2 58	23 43	0 47	10 34	0 43	13 41	0 58	18 44	1 11	1 41	0 42	8 13	1 52	24 51	11 5	9 8	9 13	24 15	15 4	2 4
S 15	20 32	1n45	1 59	11 39	2 52	23 52	0 49	10 50	0 43	13 45	0 58	18 43	1 11	1 40	0 42	8 12	1 52	24 51	11 6	9 8	9 14	24 17	15 5	2 5
M16	20 43	8 24	3 4	12 13	2 45	24 0	0 51	11 6	0 42	13 50	0 58	18 42	1 11	1 40	0 42	8 12	1 52	24 52	11 6	9 9	9 16	24 19	15 6	2 5
T 17	20 55	14 47	3 58	12 47	2 38	24 8	0 54	11 22	0 42	13 54	0 58	18 41	1 11	1 40	0 42	8 11	1 52	24 52	11 6	9 12	9 17	24 21	15 7	2 5
W18	21 5	20 28	4 38	13 21	2 30	24 14	0 56	11 38	0 41	13 58	0 58	18 39	1 11	1 39	0 42	8 11	1 52	24 52	11 7	9 15	9 18	24 22	15 8	2 5
T 19	21 16	24 53	4 58	13 57	2 22	24 21	0 58	11 53	0 40	14 3	0 58	18 38	1 11	1 39	0 42	8 10	1 52	24 53	11 7	9 19	9 19	24 24	15 9	2 5
F 20	21 26	27 32	4 57	14 33	2 13	24 26	1 0	12 9	0 40	14 7	0 58	18 37	1 11	1 39	0 42	8 10	1 52	24 53	11 7	9 23	9 20	24 26	15 10	2 5
S 21	21 36	28 7	4 35	15 10	2 4	24 30	1 2	12 24	0 39	14 11	0 58	18 36	1 11	1 38	0 42	8 10	1 52	24 53	11 8	9 26	9 21	24 28	15 11	2 5
S 22	21 45	26 39	3 55	15 46	1 54	24 34	1 4	12 40	0 39	14 15	0 58	18 34	1 11	1 38	0 42	8 9	1 52	24 54	11 8	9 29	9 23	24 29	15 12	2 5
M23	21 54	23 26	3 1	16 23	1 45	24 38	1 6	12 55	0 38	14 19	0 58	18 33	1 11	1 38	0 42	8 9	1 52	24 54	11 8	9 32	9 24	24 31	15 13	2 6
T 24	22 3	18 57	1 57	17 1	1 34	24 40	1 8	13 10	0 38	14 24	0 58	18 31	1 11	1 38	0 42	8 9	1 52	24 54	11 9	9 33	9 25	24 33	15 14	2 6
W25	22 11	13 40	0 49	17 38	1 24	24 42	1 10	13 25	0 37	14 28	0 58	18 30	1 11	1 37	0 42	8 8	1 52	24 55	11 9	9 33	9 26	24 35	15 15	2 6
T 26	22 19	7 55	0s19	18 15	1 13	24 43	1 12	13 39	0 36	14 32	0 58	18 29	1 11	1 37	0 42	8 8	1 52	24 55	11 9	9 33	9 27	24 36	15 16	2 6
F 27	22 26	2 2	1 25	18 51	1 2	24 43	1 14	13 54	0 36	14 36	0 58	18 27	1 11	1 37	0 42	8 8	1 52	24 56	11 10	9 33	9 28	24 38	15 17	2 6
S 28	22 33	3s47	2 25	19 27	0 51	24 42	1 15	14 8	0 35	14 40	0 58	18 26	1 11	1 37	0 42	8 7	1 52	24 56	11 10	9 34	9 30	24 40	15 18	2 6
S 29	22 40	9 22	3 17	20 2	0 40	24 41	1 17	14 23	0 35	14 44	0 58	18 24	1 11	1 37	0 42	8 7	1 52	24 56	11 10	9 35	9 31	24 41	15 19	2 6
M30	22 46	14 32	4 0	20 36	0 29	24 39	1 19	14 37	0 34	14 48	0 58	18 23	1 11	1 37	0 42	8 7	1 52	24 57	11 11	9 37	9 32	24 43	15 20	2 7
T 31	22n52	19s 8	4s32	21n 9	0s17	24n37	1n20	14n51	0s33	14n52	0s58	18n21	1n11	1s37	0n42	8s 7	1n52	24s57	11s11	9s41	9s33	24s45	15n21	2s 7

Julian Day Number = 2196003.5, Delta T = 10m24s
Ecliptic obliquity = 23°31'57, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 14°58'56, Lahiri = 14°05'56 Julian Calendar 1 May 1300 == Greg. Calendar 9 May 1300

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ASTRODIENST EPHEMERIS for the year 1300
geocentric

JUNE 1300 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	17 8 56	17♊41'11	21♏45	8♊20	9♋27	12♉20	13♉ 9	12♌14	5°R38	25°R20	21°R27	4°R55	5♓23	28♏ 3	18♉30	W 1
T 2	17 12 53	18°38'23	3♐37	10°26	10°40	13° 3	13°22	12°20	5♎38	25♎19	21♒26	4♓43	5°20	28°10	18°34	T 2
F 3	17 16 49	19°35'34	15°33	12°33	11°53	13°46	13°35	12°25	5°37	25°18	21°26	4°30	5°17	28°17	18°37	F 3
S 4	17 20 46	20°32'46	27°32	14°42	13° 6	14°29	13°47	12°31	5°37	25°17	21°25	4°17	5°14	28°24	18°41	S 4
S 5	17 24 43	21°29'57	9♑37	16°52	14°19	15°12	14° 0	12°37	5°D37	25°16	21°25	4° 6	5°11	28°30	18°45	S 5
M 6	17 28 39	22°27'07	21°48	19° 3	15°32	15°55	14°13	12°42	5°37	25°16	21°24	3°57	5° 8	28°37	18°49	M 6
T 7	17 32 36	23°24'18	4♒ 8	21°14	16°45	16°38	14°25	12°48	5°37	25°15	21°24	3°51	5° 4	28°44	18°53	T 7
W 8	17 36 32	24°21'28	16°39	23°25	17°57	17°21	14°38	12°54	5°37	25°14	21°23	3°47	5° 1	28°50	18°57	W 8
T 9	17 40 29	25°18'39	29°22	25°36	19°10	18° 4	14°50	13° 0	5°38	25°14	21°22	3°D46	4°58	28°57	19° 0	T 9
F 10	17 44 25	26°15'49	12♓23	27°47	20°23	18°46	15° 2	13° 6	5°38	25°13	21°22	3°46	4°55	29° 4	19° 4	F 10
S 11	17 48 22	27°13'00	25°42	29°57	21°36	19°29	15°15	13°12	5°38	25°13	21°21	3°R47	4°52	29°11	19° 8	S 11
S 12	17 52 18	28°10'10	9♈24	2♋ 6	22°49	20°11	15°27	13°18	5°38	25°12	21°21	3°46	4°48	29°17	19°11	S 12
M13	17 56 15	29° 7'21	23°29	4°14	24° 1	20°54	15°39	13°24	5°39	25°11	21°20	3°44	4°45	29°24	19°15	M13
T 14	18 0 12	0♋ 4'32	7♉58	6°21	25°14	21°36	15°51	13°30	5°39	25°11	21°19	3°39	4°42	29°31	19°18	T 14
W15	18 4 8	1° 1'44	22°46	8°27	26°27	22°19	16° 3	13°37	5°40	25°11	21°18	3°33	4°39	29°38	19°22	W15
T 16	18 8 5	1°58'55	7♊48	10°31	27°39	23° 1	16°15	13°43	5°40	25°10	21°18	3°24	4°36	29°44	19°26	T 16
F 17	18 12 1	2°56'07	22°54	12°33	28°52	23°43	16°27	13°49	5°41	25°10	21°17	3°15	4°33	29°51	19°29	F 17
S 18	18 15 58	3°53'19	7♋55	14°34	0♌ 5	24°25	16°39	13°56	5°41	25° 9	21°16	3° 7	4°29	29°58	19°32	S 18
S 19	18 19 54	4°50'32	22°41	16°32	1°17	25° 7	16°50	14° 2	5°42	25° 9	21°15	3° 0	4°26	0♐ 4	19°36	S 19
M20	18 23 51	5°47'44	7♌ 5	18°29	2°30	25°49	17° 2	14° 9	5°43	25° 9	21°15	2°55	4°23	0°11	19°39	M20
T 21	18 27 48	6°44'56	21° 2	20°25	3°43	26°31	17°13	14°15	5°44	25° 8	21°14	2°53	4°20	0°18	19°42	T 21
W22	18 31 44	7°42'08	4♍31	22°18	4°55	27°13	17°25	14°22	5°45	25° 8	21°13	2°D52	4°17	0°25	19°46	W22
T 23	18 35 41	8°39'20	17°34	24° 9	6° 8	27°55	17°36	14°29	5°45	25° 8	21°12	2°53	4°14	0°31	19°49	T 23
F 24	18 39 37	9°36'32	0♎13	25°59	7°20	28°37	17°47	14°35	5°46	25° 8	21°11	2°54	4°10	0°38	19°52	F 24
S 25	18 43 34	10°33'43	12°34	27°46	8°33	29°18	17°59	14°42	5°47	25° 8	21°10	2°R54	4° 7	0°45	19°55	S 25
S 26	18 47 30	11°30'55	24°41	29°32	9°45	29°59	18°10	14°49	5°48	25° 8	21° 9	2°53	4° 4	0°52	19°58	S 26
M27	18 51 27	12°28'08	6♏38	1♌16	10°57	0♊41	18°21	14°56	5°50	25° 7	21° 8	2°50	4° 1	0°58	20° 2	M27
T 28	18 55 23	13°25'20	18°31	2°58	12°10	1°23	18°31	15° 2	5°51	25° 7	21° 7	2°45	3°58	1° 5	20° 5	T 28
W29	18 59 20	14°22'32	0♐23	4°37	13°22	2° 4	18°42	15° 9	5°52	25°D 7	21° 6	2°38	3°54	1°12	20° 8	W29
T 30	19 3 17	15♋19'45	12♐18	6♌15	14♌34	2♊45	18♉53	15♌16	5♎53	25♎ 7	21♒ 5	2♓30	3♓51	1♐18	20♉10	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
W 1	22n58	22s58	4s53	21n41	0s 6	24n33	1n22	15n 5	0s33	14n55	0s58	18n20	1n11	1s37	0n42	8s 6	1n52	24s58	11s11	9s45	9s34	24s46	15n22	2s 7	
T 2	23 3	25 52	5 0	22 11	0n 5	24 29	1 23	15 18	0 32	14 59	0 58	18 18	1 11	1 36	0 42	8 6	1 51	24 58	11 12	9 49	9 35	24 48	15 23	2 7	
F 3	23 7	27 38	4 55	22 39	0 16	24 24	1 25	15 32	0 32	15 3	0 58	18 17	1 11	1 36	0 41	8 6	1 51	24 59	11 12	9 54	9 37	24 50	15 24	2 7	
S 4	23 12	28 7	4 36	23 5	0 26	24 19	1 26	15 45	0 31	15 7	0 58	18 15	1 11	1 36	0 41	8 5	1 51	24 59	11 12	9 59	9 38	24 51	15 25	2 7	
S 5	23 15	27 16	4 5	23 29	0 36	24 13	1 28	15 59	0 30	15 11	0 58	18 13	1 11	1 36	0 41	8 5	1 51	25 0	11 13	10 3	9 39	24 53	15 26	2 7	
M 6	23 19	25 6	3 23	23 50	0 46	24 6	1 29	16 12	0 30	15 14	0 58	18 12	1 11	1 37	0 41	8 5	1 51	25 0	11 13	10 6	9 40	24 55	15 26	2 8	
T 7	23 22	21 44	2 30	24 9	0 55	23 58	1 30	16 25	0 29	15 18	0 58	18 10	1 11	1 37	0 41	8 5	1 51	25 0	11 13	10 8	9 41	24 56	15 27	2 8	
W 8	23 25	17 20	1 30	24 25	1 3	23 50	1 31	16 37	0 28	15 22	0 58	18 8	1 11	1 37	0 41	8 5	1 51	25 1	11 13	10 9	9 42	24 58	15 28	2 8	
T 9	23 27	12 6	0 23	24 39	1 11	23 41	1 32	16 50	0 28	15 25	0 58	18 7	1 11	1 37	0 41	8 4	1 51	25 1	11 14	10 10	9 44	24 59	15 29	2 8	
F 10	23 29	6 14	0n46	24 50	1 19	23 31	1 33	17 3	0 27	15 29	0 58	18 5	1 11	1 37	0 41	8 4	1 51	25 2	11 14	10 10	9 45	25 1	15 30	2 8	
S 11	23 30	0n 2	1 54	24 57	1 25	23 21	1 34	17 15	0 26	15 32	0 58	18 3	1 11	1 37	0 41	8 4	1 51	25 2	11 14	10 10	9 46	25 3	15 31	2 8	
S 12	23 31	6 27	2 58	25 2	1 31	23 10	1 35	17 27	0 26	15 36	0 58	18 1	1 11	1 37	0 41	8 4	1 51	25 3	11 15	10 10	9 47	25 4	15 32	2 9	
M13	23 32	12 45	3 52	25 4	1 37	22 58	1 36	17 39	0 25	15 39	0 59	18 0	1 11	1 37	0 41	8 4	1 51	25 3	11 15	10 11	9 48	25 6	15 32	2 9	
T 14	23 32	18 32	4 34	25 4	1 41	22 45	1 37	17 51	0 24	15 43	0 59	17 58	1 11	1 38	0 41	8 4	1 51	25 4	11 15	10 12	9 49	25 7	15 33	2 9	
W15	23 32	23 20	4 58	25 0	1 45	22 32	1 37	18 2	0 24	15 46	0 59	17 56	1 11	1 38	0 41	8 4	1 51	25 4	11 15	10 15	9 51	25 9	15 34	2 9	
T 16	23 31	26 40	5 3	24 54	1 48	22 19	1 38	18 14	0 23	15 50	0 59	17 54	1 11	1 38	0 41	8 4	1 51	25 5	11 16	10 18	9 52	25 11	15 35	2 9	
F 17	23 30	28 6	4 46	24 46	1 50	22 4	1 39	18 25	0 22	15 53	0 59	17 52	1 11	1 38	0 41	8 3	1 51	25 5	11 16	10 21	9 53	25 12	15 35	2 10	
S 18	23 28	27 27	4 10	24 35	1 52	21 50	1 39	18 36	0 22	15 56	0 59	17 50	1 11	1 39	0 41	8 3	1 51	25 6	11 16	10 24	9 54	25 14	15 36	2 10	
S 19	23 27	24 52	3 17	24 22	1 53	21 34	1 40	18 47	0 21	16 0	0 59	17 49	1 11	1 39	0 41	8 3	1 51	25 6	11 16	10 27	9 55	25 15	15 37	2 10	
M20	23 24	20 43	2 13	24 7	1 53	21 18	1 40	18 58	0 20	16 3	0 59	17 47	1 11	1 39	0 41	8 3	1 51	25 7	11 17	10 28	9 56	25 17	15 38	2 10	
T 21	23 22	15 32	1 3	23 50	1 52	21 1	1 40	19 8	0 19	16 6	0 59	17 45	1 11	1 40	0 41	8 3	1 50	25 7	11 17	10 29	9 58	25 18	15 38	2 10	
W22	23 18	9 45	0s 9	23 31	1 51	20 44	1 40	19 19	0 19	16 9	0 59	17 43	1 11	1 40	0 41	8 3	1 50	25 8	11 17	10 29	9 59	25 20	15 39	2 10	
T 23	23 15	3 44	1 18	23 10	1 50	20 26	1 40	19 29	0 18	16 12	0 59	17 41	1 11	1 40	0 41	8 3	1 50	25 8	11 17	10 29	10 0	25 21	15 40	2 11	
F 24	23 11	2s15	2 21	22 47	1 47	20 8	1 40	19 39	0 17	16 15	0 59	17 39	1 11	1 41	0 41	8 3	1 50	25 9	11 18	10 29	10 1	25 23	15 40	2 11	
S 25	23 7	8 0	3 16	22 23	1 44	19 49	1 40	19 49	0 17	16 18	0 59	17 37	1 11	1 41	0 41	8 3	1 50	25 10	11 18	10 29	10 2	25 24	15 41	2 11	
S 26	23 2	13 20	4 2	21 58	1 41	19 29	1 40	19 58	0 16	16 21	0 59	17 35	1 11	1 42	0 41	8 3	1 50	25 10	11 18	10 29	10 3	25 26	15 42	2 11	
M27	22 57	18 7	4 36	21 32	1 37	19 9	1 40	20 8	0 15	16 24	0 59	17 33	1 11	1 42	0 40	8 3	1 50	25 11	11 18	10 30	10 5	25 27	15 42	2 11	
T 28	22 51	22 10	4 58	21 4	1 32	18 49	1 40	20 17	0 14	16 27	0 59	17 31	1 11	1 43	0 40	8 3	1 50	25 11	11 19	10 32	10 6	25 29	15 43	2 12	
W29	22 45	25 18	5 7	20 35	1 27	18 28	1 39	20 26	0 14	16 30	0 59	17 29	1 11	1 43	0 40	8 3	1 50	25 12	11 19	10 34	10 7	25 30	15 44	2 12	
T 30	22n39	27s21	5s 2	20n 6	1n21	18n 6	1n39	20n35	0s13	16n33	1s 0	17n27	1n11	1s44	0n40	8s 3	1n50	25s12	11s19	10s37	10s 8	25s32	15n44	2s12	

Julian Day Number = 2196034.5, Delta T = 10m23s
Ecliptic obliquity = 23°31'56, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 14°59'00, Lahiri = 14°06'01 Julian Calendar 1 June 1300 == Greg. Calendar 9 June 1300

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ASTRODIENST EPHEMERIS for the year 1300
geocentric

JULY 1300 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	19 7 13	16♋16'59	24♐18	7♌51	15♌47	3♊27	19♉ 3	15♌23	5♎54	25♎ 7	21°R 4	2°R22	3♓48	1♐25	20♉13	F 1
S 2	19 11 10	17°14'12	6♑25	9°26	16°59	4° 8	19°14	15°30	5°56	25° 8	21♒ 3	2♓13	3°45	1°32	20°16	S 2
S 3	19 15 6	18°11'26	18°40	10°58	18°11	4°49	19°24	15°37	5°57	25° 8	21° 2	2° 6	3°42	1°39	20°19	S 3
M 4	19 19 3	19° 8'41	1♒ 4	12°28	19°23	5°30	19°35	15°44	5°59	25° 8	21° 1	2° 1	3°39	1°45	20°22	M 4
T 5	19 22 59	20° 5'57	13°39	13°57	20°35	6°11	19°45	15°52	6° 0	25° 8	21° 0	1°57	3°35	1°52	20°24	T 5
W 6	19 26 56	21° 3'13	26°25	15°23	21°47	6°52	19°55	15°59	6° 2	25° 8	20°59	1°D56	3°32	1°59	20°27	W 6
T 7	19 30 52	22° 0'30	9♓24	16°47	22°59	7°33	20° 5	16° 6	6° 3	25° 8	20°58	1°56	3°29	2° 6	20°30	T 7
F 8	19 34 49	22°57'47	22°36	18°10	24°11	8°13	20°15	16°13	6° 5	25° 9	20°57	1°57	3°26	2°12	20°32	F 8
S 9	19 38 46	23°55'06	6♈ 3	19°30	25°23	8°54	20°24	16°20	6° 7	25° 9	20°56	1°58	3°23	2°19	20°35	S 9
S 10	19 42 42	24°52'26	19°47	20°48	26°35	9°35	20°34	16°28	6° 8	25° 9	20°55	1°R59	3°20	2°26	20°37	S 10
M11	19 46 39	25°49'47	3♉47	22° 4	27°47	10°15	20°44	16°35	6°10	25°10	20°54	1°59	3°16	2°32	20°40	M11
T 12	19 50 35	26°47'09	18° 3	23°18	28°59	10°56	20°53	16°42	6°12	25°10	20°52	1°58	3°13	2°39	20°42	T 12
W13	19 54 32	27°44'32	2♊34	24°30	0♍11	11°36	21° 2	16°49	6°14	25°11	20°51	1°55	3°10	2°46	20°44	W13
T 14	19 58 28	28°41'57	17°13	25°39	1°23	12°16	21°11	16°57	6°16	25°11	20°50	1°50	3° 7	2°53	20°47	T 14
F 15	20 2 25	29°39'23	1♋56	26°46	2°35	12°57	21°20	17° 4	6°18	25°12	20°49	1°46	3° 4	2°59	20°49	F 15
S 16	20 6 21	0♌36'50	16°36	27°50	3°46	13°37	21°29	17°12	6°20	25°12	20°48	1°41	3° 0	3° 6	20°51	S 16
S 17	20 10 18	1°34'18	1♌ 5	28°52	4°58	14°17	21°38	17°19	6°22	25°13	20°46	1°38	2°57	3°13	20°53	S 17
M18	20 14 15	2°31'47	15°17	29°51	6°10	14°57	21°47	17°27	6°24	25°13	20°45	1°35	2°54	3°19	20°55	M18
T 19	20 18 11	3°29'16	29° 7	0♍47	7°21	15°37	21°55	17°34	6°26	25°14	20°44	1°D35	2°51	3°26	20°57	T 19
W20	20 22 8	4°26'47	12♍34	1°40	8°33	16°17	22° 4	17°42	6°28	25°14	20°43	1°35	2°48	3°33	20°59	W20
T 21	20 26 4	5°24'18	25°38	2°30	9°44	16°57	22°12	17°49	6°31	25°15	20°42	1°36	2°45	3°40	21° 1	T 21
F 22	20 30 1	6°21'51	8♎20	3°17	10°56	17°36	22°20	17°57	6°33	25°16	20°40	1°38	2°41	3°46	21° 3	F 22
S 23	20 33 57	7°19'24	20°43	4° 0	12° 7	18°16	22°28	18° 4	6°35	25°17	20°39	1°39	2°38	3°53	21° 4	S 23
S 24	20 37 54	8°16'58	2♏52	4°40	13°19	18°56	22°36	18°12	6°38	25°17	20°38	1°R40	2°35	4° 0	21° 6	S 24
M25	20 41 50	9°14'34	14°51	5°16	14°30	19°35	22°43	18°19	6°40	25°18	20°37	1°40	2°32	4° 7	21° 8	M25
T 26	20 45 47	10°12'10	26°45	5°47	15°41	20°14	22°51	18°27	6°42	25°19	20°35	1°39	2°29	4°13	21° 9	T 26
W27	20 49 44	11° 9'47	8♐38	6°15	16°52	20°54	22°58	18°34	6°45	25°20	20°34	1°37	2°26	4°20	21°11	W27
T 28	20 53 40	12° 7'26	20°35	6°38	18° 4	21°33	23° 6	18°42	6°47	25°21	20°33	1°35	2°22	4°27	21°12	T 28
F 29	20 57 37	13° 5'05	2♑39	6°56	19°15	22°12	23°13	18°49	6°50	25°22	20°31	1°32	2°19	4°33	21°14	F 29
S 30	21 1 33	14° 2'46	14°53	7° 9	20°26	22°51	23°20	18°57	6°53	25°23	20°30	1°29	2°16	4°40	21°15	S 30
S 31	21 5 30	15♌ 0'28	27♑19	7♍17	21♍37	23♊30	23♉27	19♌ 5	6♎55	25♎24	20♒29	1♓27	2♓13	4♐47	21♉16	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22n32	28s 9	4s45	19n35	1n15	17n44	1n38	20n43	0s12	16n36	1s 0	17n25	1n11	1s44	0n40	8s 3	1n50	25s13	11s19	10s40	10s 9	25s33	15n45	2s12
S 2	22 25	27 37	4 15	19 4	1 9	17 22	1 38	20 52	0 11	16 39	1 0	17 23	1 11	1 45	0 40	8 3	1 50	25 13	11 20	10 43	10 10	25 35	15 45	2 12
S 3	22 17	25 44	3 32	18 32	1 2	16 59	1 37	21 0	0 11	16 41	1 0	17 21	1 11	1 45	0 40	8 4	1 50	25 14	11 20	10 46	10 11	25 36	15 46	2 13
M 4	22 10	22 35	2 39	18 0	0 55	16 35	1 36	21 8	0 10	16 44	1 0	17 19	1 11	1 46	0 40	8 4	1 50	25 14	11 20	10 48	10 13	25 38	15 46	2 13
T 5	22 1	18 21	1 37	17 27	0 47	16 12	1 36	21 16	0 9	16 47	1 0	17 16	1 11	1 47	0 40	8 4	1 50	25 15	11 20	10 49	10 14	25 39	15 47	2 13
W 6	21 53	13 13	0 30	16 54	0 39	15 47	1 35	21 24	0 8	16 49	1 0	17 14	1 11	1 47	0 40	8 4	1 50	25 16	11 20	10 50	10 15	25 40	15 47	2 13
T 7	21 44	7 27	0n40	16 21	0 30	15 23	1 34	21 32	0 8	16 52	1 0	17 12	1 11	1 48	0 40	8 4	1 50	25 16	11 21	10 50	10 16	25 42	15 48	2 13
F 8	21 34	1 16	1 50	15 47	0 22	14 58	1 33	21 39	0 7	16 55	1 0	17 10	1 11	1 49	0 40	8 4	1 49	25 17	11 21	10 49	10 17	25 43	15 48	2 14
S 9	21 24	5n 5	2 55	15 14	0 12	14 32	1 31	21 46	0 6	16 57	1 0	17 8	1 11	1 49	0 40	8 4	1 49	25 17	11 21	10 49	10 18	25 45	15 49	2 14
S 10	21 14	11 19	3 51	14 40	0 3	14 7	1 30	21 53	0 5	17 0	1 0	17 6	1 11	1 50	0 40	8 5	1 49	25 18	11 21	10 48	10 20	25 46	15 49	2 14
M11	21 4	17 7	4 35	14 6	0s 7	13 41	1 29	22 0	0 5	17 2	1 0	17 4	1 11	1 51	0 40	8 5	1 49	25 18	11 21	10 49	10 21	25 47	15 50	2 14
T 12	20 53	22 6	5 2	13 33	0 17	13 14	1 28	22 6	0 4	17 4	1 0	17 1	1 11	1 52	0 40	8 5	1 49	25 19	11 22	10 49	10 22	25 49	15 50	2 15
W13	20 42	25 50	5 11	12 59	0 27	12 47	1 26	22 13	0 3	17 7	1 1	16 59	1 11	1 52	0 40	8 5	1 49	25 19	11 22	10 50	10 23	25 50	15 50	2 15
T 14	20 30	27 54	5 0	12 26	0 37	12 20	1 24	22 19	0 2	17 9	1 1	16 57	1 11	1 53	0 40	8 5	1 49	25 20	11 22	10 52	10 24	25 52	15 51	2 15
F 15	20 18	28 0	4 29	11 53	0 48	11 53	1 23	22 25	0 1	17 11	1 1	16 55	1 11	1 54	0 40	8 6	1 49	25 21	11 22	10 53	10 25	25 53	15 51	2 15
S 16	20 6	26 9	3 41	11 21	0 59	11 25	1 21	22 31	0 1	17 14	1 1	16 52	1 11	1 55	0 40	8 6	1 49	25 21	11 22	10 55	10 26	25 54	15 52	2 15
S 17	19 53	22 35	2 39	10 49	1 10	10 57	1 19	22 36	0n 0	17 16	1 1	16 50	1 11	1 56	0 40	8 6	1 49	25 22	11 22	10 56	10 28	25 56	15 52	2 16
M18	19 40	17 43	1 28	10 18	1 21	10 29	1 17	22 42	0 1	17 18	1 1	16 48	1 11	1 57	0 40	8 6	1 49	25 22	11 22	10 57	10 29	25 57	15 52	2 16
T 19	19 27	12 2	0 13	9 48	1 32	10 1	1 15	22 47	0 2	17 20	1 1	16 46	1 11	1 58	0 40	8 7	1 49	25 23	11 23	10 57	10 30	25 58	15 52	2 16
W20	19 13	5 57	1s 0	9 18	1 44	9 32	1 13	22 52	0 3	17 22	1 1	16 43	1 12	1 58	0 40	8 7	1 49	25 23	11 23	10 57	10 31	26 0	15 53	2 16
T 21	18 59	0s13	2 8	8 50	1 55	9 3	1 11	22 57	0 3	17 24	1 1	16 41	1 12	1 59	0 40	8 7	1 49	25 24	11 23	10 57	10 32	26 1	15 53	2 17
F 22	18 45	6 12	3 8	8 22	2 7	8 34	1 9	23 1	0 4	17 26	1 1	16 39	1 12	2 0	0 40	8 8	1 49	25 24	11 23	10 56	10 33	26 2	15 53	2 17
S 23	18 31	11 47	3 58	7 56	2 18	8 4	1 7	23 6	0 5	17 28	1 2	16 37	1 12	2 1	0 39	8 8	1 49	25 25	11 23	10 56	10 34	26 3	15 53	2 17
S 24	18 16	16 49	4 36	7 31	2 30	7 35	1 5	23 10	0 6	17 30	1 2	16 34	1 12	2 2	0 39	8 8	1 49	25 25	11 23	10 55	10 36	26 5	15 54	2 17
M25	18 1	21 9	5 1	7 7	2 41	7 5	1 2	23 14	0 7	17 32	1 2	16 32	1 12	2 3	0 39	8 9	1 48	25 26	11 23	10 55	10 37	26 6	15 54	2 18
T 26	17 45	24 35	5 13	6 45	2 53	6 35	1 0	23 18	0 7	17 34	1 2	16 30	1 12	2 4	0 39	8 9	1 48	25 26	11 23	10 56	10 38	26 7	15 54	2 18
W27	17 30	26 58	5 12	6 24	3 4	6 5	0 57	23 21	0 8	17 35	1 2	16 27	1 12	2 5	0 39	8 9	1 48	25 27	11 24	10 56	10 39	26 9	15 54	2 18
T 28	17 14	28 8	4 57	6 6	3 15	5 34	0 55	23 25	0 9	17 37	1 2	16 25	1 12	2 6	0 39	8 10	1 48	25 27	11 24	10 57	10 40	26 10	15 54	2 18
F 29	16 57	28 0	4 30	5 49	3 26	5 4	0 52	23 28	0 10	17 39	1 2	16 23	1 12	2 7	0 39	8 10	1 48	25 28	11 24	10 58	10 41	26 11	15 55	2 19
S 30	16 41	26 29	3 49	5 35	3 36	4 33	0 49	23 31	0 11	17 40	1 2	16 20	1 12	2 8	0 39	8 11	1 48	25 28	11 24	10 59	10 42	26 12	15 55	2 19
S 31	16n24	23s40	2s57	5n22	3s46	4n 3	0n46	23n34	0n12	17n42	1s 2	16n18	1n12	2s 9	0n39	8s11	1n48	25s29	11s24	11s 0	10s44	26s14	15n55	2s19

Julian Day Number = 2196064.5, Delta T = 10m23s
Ecliptic obliquity = 23°31'56, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 14°59'04, Lahiri = 14°06'05 Julian Calendar 1 July 1300 == Greg. Calendar 9 July 1300

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ASTRODIENST EPHEMERIS for the year 1300
geocentric

AUGUST 1300 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	21 9 26	15♌58'11	9♒58	7°R20	22♍48	24♊ 9	23♉33	19♌12	6♎58	25♎25	20°R28	1°R25	2♓10	4♐54	21♉18	M 1
T 2	21 13 23	16°55'56	22°52	7♍17	23°59	24°48	23°40	19°20	7° 1	25°26	20♒26	1♓24	2° 6	5° 0	21°19	T 2
W 3	21 17 19	17°53'42	5♓59	7° 9	25° 9	25°27	23°46	19°28	7° 3	25°27	20°25	1°D24	2° 3	5° 7	21°20	W 3
T 4	21 21 16	18°51'29	19°20	6°55	26°20	26° 5	23°52	19°35	7° 6	25°28	20°24	1°25	2° 0	5°14	21°21	T 4
F 5	21 25 13	19°49'18	2♈54	6°35	27°31	26°44	23°58	19°43	7° 9	25°29	20°22	1°25	1°57	5°21	21°22	F 5
S 6	21 29 9	20°47'09	16°40	6° 9	28°42	27°22	24° 4	19°50	7°12	25°30	20°21	1°26	1°54	5°27	21°23	S 6
S 7	21 33 6	21°45'02	0♉36	5°37	29°52	28° 1	24°10	19°58	7°15	25°32	20°20	1°27	1°51	5°34	21°24	S 7
M 8	21 37 2	22°42'56	14°40	5° 0	1♏ 3	28°39	24°16	20° 6	7°18	25°33	20°18	1°28	1°47	5°41	21°24	M 8
T 9	21 40 59	23°40'53	28°52	4°18	2°13	29°17	24°21	20°13	7°21	25°34	20°17	1°R28	1°44	5°47	21°25	T 9
W10	21 44 55	24°38'51	13♊ 9	3°31	3°24	29°56	24°26	20°21	7°24	25°35	20°16	1°27	1°41	5°54	21°26	W10
T 11	21 48 52	25°36'51	27°27	2°40	4°34	0♋34	24°31	20°29	7°27	25°37	20°15	1°27	1°38	6° 1	21°26	T 11
F 12	21 52 48	26°34'54	11♋45	1°47	5°44	1°12	24°36	20°36	7°30	25°38	20°13	1°26	1°35	6° 8	21°27	F 12
S 13	21 56 45	27°32'58	25°56	0°51	6°55	1°50	24°41	20°44	7°33	25°39	20°12	1°26	1°32	6°14	21°27	S 13
S 14	22 0 42	28°31'04	9♌59	29♌54	8° 5	2°27	24°45	20°51	7°36	25°41	20°11	1°25	1°28	6°21	21°28	S 14
M15	22 4 38	29°29'12	23°48	28°57	9°15	3° 5	24°50	20°59	7°39	25°42	20° 9	1°25	1°25	6°28	21°28	M15
T 16	22 8 35	0♍27'21	7♍22	28° 1	10°25	3°43	24°54	21° 6	7°42	25°44	20° 8	1°D25	1°22	6°34	21°28	T 16
W17	22 12 31	1°25'32	20°38	27° 8	11°35	4°20	24°58	21°14	7°45	25°45	20° 7	1°R25	1°19	6°41	21°28	W17
T 18	22 16 28	2°23'45	3♎35	26°19	12°45	4°58	25° 2	21°22	7°49	25°46	20° 6	1°25	1°16	6°48	21°29	T 18
F 19	22 20 24	3°21'59	16°14	25°35	13°55	5°35	25° 5	21°29	7°52	25°48	20° 4	1°25	1°12	6°55	21°29	F 19
S 20	22 24 21	4°20'15	28°37	24°57	15° 4	6°12	25° 9	21°37	7°55	25°49	20° 3	1°25	1° 9	7° 1	21°R29	S 20
S 21	22 28 17	5°18'33	10♏47	24°25	16°14	6°49	25°12	21°44	7°59	25°51	20° 2	1°24	1° 6	7° 8	21°29	S 21
M22	22 32 14	6°16'52	22°47	24° 2	17°24	7°26	25°15	21°52	8° 2	25°53	20° 1	1°24	1° 3	7°15	21°28	M22
T 23	22 36 11	7°15'13	4♐41	23°47	18°33	8° 3	25°18	21°59	8° 5	25°54	19°59	1°D24	1° 0	7°22	21°28	T 23
W24	22 40 7	8°13'36	16°35	23°D41	19°42	8°40	25°21	22° 6	8° 9	25°56	19°58	1°24	0°57	7°28	21°28	W24
T 25	22 44 4	9°12'00	28°32	23°44	20°52	9°17	25°23	22°14	8°12	25°58	19°57	1°24	0°53	7°35	21°28	T 25
F 26	22 48 0	10°10'26	10♑37	23°56	22° 1	9°54	25°26	22°21	8°15	25°59	19°56	1°25	0°50	7°42	21°27	F 26
S 27	22 51 57	11° 8'53	22°54	24°18	23°10	10°30	25°28	22°29	8°19	26° 1	19°55	1°26	0°47	7°48	21°27	S 27
S 28	22 55 53	12° 7'22	5♒27	24°48	24°19	11° 7	25°30	22°36	8°22	26° 3	19°53	1°27	0°44	7°55	21°26	S 28
M29	22 59 50	13° 5'53	18°18	25°27	25°28	11°43	25°31	22°43	8°26	26° 4	19°52	1°28	0°41	8° 2	21°26	M29
T 30	23 3 46	14° 4'26	1♓28	26°15	26°37	12°19	25°33	22°51	8°29	26° 6	19°51	1°R28	0°37	8° 9	21°25	T 30
W31	23 7 43	15♍ 3'00	14♓58	27♌11	27♎46	12♋55	25♉34	22♌58	8♎33	26♎ 8	19♒50	1♓28	0♓34	8♐15	21♉24	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	16n 7	19s40	1s56	5n13	3s55	3n32	0n43	23n37	0n13	17n44	1s 3	16n16	1n12	2s11	0n39	8s11	1n48	25s29	11s24	11s 1	10s45	26s15	15n55	2s19
T 2	15 49	14 41	0 47	5 6	4 4	3 1	0 40	23 39	0 13	17 45	1 3	16 14	1 12	2 12	0 39	8 12	1 48	25 30	11 24	11 1	10 46	26 16	15 55	2 19
W 3	15 32	8 57	0n25	5 2	4 11	2 30	0 37	23 41	0 14	17 47	1 3	16 11	1 12	2 13	0 39	8 12	1 48	25 30	11 24	11 1	10 47	26 17	15 55	2 20
T 4	15 14	2 44	1 38	5 1	4 18	1 59	0 34	23 44	0 15	17 48	1 3	16 9	1 12	2 14	0 39	8 13	1 48	25 31	11 24	11 1	10 48	26 18	15 55	2 20
F 5	14 56	3n41	2 46	5 3	4 24	1 28	0 31	23 45	0 16	17 49	1 3	16 6	1 13	2 15	0 39	8 13	1 48	25 31	11 24	11 1	10 49	26 20	15 55	2 20
S 6	14 37	10 2	3 45	5 8	4 28	0 57	0 28	23 47	0 17	17 51	1 3	16 4	1 13	2 16	0 39	8 14	1 48	25 32	11 24	11 0	10 50	26 21	15 55	2 20
S 7	14 19	15 58	4 32	5 16	4 32	0 26	0 25	23 49	0 18	17 52	1 3	16 2	1 13	2 17	0 39	8 14	1 48	25 32	11 24	11 0	10 52	26 22	15 55	2 21
M 8	14 0	21 7	5 3	5 28	4 33	0s 5	0 21	23 50	0 19	17 53	1 3	15 59	1 13	2 19	0 39	8 15	1 48	25 33	11 24	11 0	10 53	26 23	15 55	2 21
T 9	13 41	25 7	5 16	5 43	4 34	0 37	0 18	23 51	0 19	17 54	1 3	15 57	1 13	2 20	0 39	8 15	1 48	25 33	11 24	11 0	10 54	26 24	15 55	2 21
W10	13 21	27 35	5 10	6 2	4 32	1 8	0 15	23 52	0 20	17 56	1 4	15 55	1 13	2 21	0 39	8 16	1 48	25 34	11 24	11 0	10 55	26 25	15 55	2 21
T 11	13 2	28 15	4 45	6 23	4 28	1 39	0 11	23 53	0 21	17 57	1 4	15 52	1 13	2 22	0 39	8 16	1 48	25 34	11 24	11 0	10 56	26 27	15 55	2 22
F 12	12 42	27 1	4 2	6 47	4 23	2 10	0 8	23 54	0 22	17 58	1 4	15 50	1 13	2 23	0 39	8 17	1 47	25 35	11 24	11 0	10 57	26 28	15 55	2 22
S 13	12 22	24 3	3 4	7 14	4 16	2 42	0 4	23 54	0 23	17 59	1 4	15 48	1 13	2 25	0 39	8 17	1 47	25 35	11 24	11 0	10 58	26 29	15 54	2 22
S 14	12 2	19 41	1 56	7 42	4 7	3 13	0 0	23 54	0 24	18 0	1 4	15 45	1 13	2 26	0 39	8 18	1 47	25 36	11 24	11 1	11 0	26 30	15 54	2 22
M15	11 42	14 18	0 42	8 12	3 55	3 44	0s 3	23 55	0 25	18 1	1 4	15 43	1 13	2 27	0 39	8 18	1 47	25 36	11 24	11 1	11 1	26 31	15 54	2 23
T 16	11 21	8 20	0s33	8 44	3 42	4 15	0 7	23 55	0 26	18 2	1 4	15 41	1 13	2 29	0 39	8 19	1 47	25 36	11 24	11 1	11 2	26 32	15 54	2 23
W17	11 1	2 8	1 44	9 15	3 28	4 46	0 11	23 54	0 27	18 2	1 4	15 38	1 13	2 30	0 39	8 19	1 47	25 37	11 24	11 1	11 3	26 33	15 54	2 23
T 18	10 40	4s 1	2 49	9 47	3 12	5 17	0 15	23 54	0 28	18 3	1 5	15 36	1 14	2 31	0 39	8 20	1 47	25 37	11 24	11 1	11 4	26 34	15 54	2 23
F 19	10 19	9 51	3 44	10 18	2 55	5 48	0 19	23 53	0 28	18 4	1 5	15 34	1 14	2 32	0 39	8 21	1 47	25 38	11 24	11 1	11 5	26 36	15 53	2 24
S 20	9 57	15 10	4 26	10 48	2 37	6 18	0 22	23 53	0 29	18 5	1 5	15 31	1 14	2 34	0 39	8 21	1 47	25 38	11 24	11 1	11 6	26 37	15 53	2 24
S 21	9 36	19 48	4 56	11 16	2 18	6 49	0 26	23 52	0 30	18 5	1 5	15 29	1 14	2 35	0 39	8 22	1 47	25 38	11 24	11 1	11 8	26 38	15 53	2 24
M22	9 15	23 35	5 13	11 41	1 59	7 19	0 30	23 51	0 31	18 6	1 5	15 27	1 14	2 36	0 39	8 22	1 47	25 39	11 24	11 1	11 9	26 39	15 53	2 24
T 23	8 53	26 20	5 16	12 5	1 40	7 50	0 34	23 49	0 32	18 7	1 5	15 24	1 14	2 38	0 39	8 23	1 47	25 39	11 24	11 1	11 10	26 40	15 52	2 25
W24	8 31	27 55	5 6	12 25	1 21	8 20	0 38	23 48	0 33	18 7	1 5	15 22	1 14	2 39	0 39	8 24	1 47	25 40	11 24	11 1	11 11	26 41	15 52	2 25
T 25	8 9	28 13	4 42	12 42	1 2	8 50	0 42	23 46	0 34	18 8	1 5	15 20	1 14	2 40	0 39	8 24	1 47	25 40	11 24	11 1	11 12	26 42	15 52	2 25
F 26	7 47	27 11	4 6	12 55	0 43	9 20	0 46	23 45	0 35	18 8	1 5	15 17	1 14	2 42	0 39	8 25	1 47	25 40	11 24	11 1	11 13	26 43	15 51	2 25
S 27	7 25	24 49	3 17	13 5	0 26	9 49	0 51	23 43	0 36	18 8	1 6	15 15	1 15	2 43	0 39	8 26	1 47	25 41	11 24	11 0	11 14	26 44	15 51	2 26
S 28	7 2	21 14	2 19	13 10	0 9	10 19	0 55	23 41	0 37	18 9	1 6	15 13	1 15	2 45	0 38	8 26	1 47	25 41	11 24	11 0	11 15	26 45	15 51	2 26
M29	6 40	16 33	1 12	13 12	0n 7	10 48	0 59	23 39	0 38	18 9	1 6	15 10	1 15	2 46	0 38	8 27	1 47	25 41	11 24	11 0	11 17	26 46	15 50	2 26
T 30	6 17	10 59	0n 0	13 10	0 22	11 17	1 3	23 36	0 39	18 9	1 6	15 8	1 15	2 47	0 38	8 28	1 47	25 42	11 24	11 0	11 18	26 47	15 50	2 26
W31	5n55	4s49	1n14	13n 4	0n36	11s46	1s 7	23n34	0n40	18n 9	1s 6	15n 6	1n15	2s49	0n38	8s28	1n47	25s42	11s24	11s 0	11s19	26s48	15n49	2s27

Julian Day Number = 2196095.5, Delta T = 10m23s
Ecliptic obliquity = 23°31'56, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 14°59'09, Lahiri = 14°06'09 Julian Calendar 1 Aug. 1300 == Greg. Calendar 9 Aug. 1300

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ASTRODIENST EPHEMERIS for the year 1300
geocentric

SEPTEMBER 1300 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	23 11 40	16♍ 1'37	28♓45	28♌14	28♎54	13♋31	25♉35	23♌ 5	8♎36	26♎10	19°R49	1°R27	0♓31	8♐22	21°R24	T 1
F 2	23 15 36	17° 0'15	12♈47	29°24	0♏ 3	14° 7	25°36	23°12	8°40	26°12	19♒48	1♓25	0°28	8°29	21♉23	F 2
S 3	23 19 33	17°58'56	26°59	0♍40	1°11	14°43	25°37	23°19	8°44	26°13	19°46	1°23	0°25	8°35	21°22	S 3
S 4	23 23 29	18°57'39	11♉18	2° 1	2°20	15°19	25°38	23°27	8°47	26°15	19°45	1°21	0°22	8°42	21°21	S 4
M 5	23 27 26	19°56'24	25°38	3°28	3°28	15°54	25°38	23°34	8°51	26°17	19°44	1°19	0°18	8°49	21°20	M 5
T 6	23 31 22	20°55'11	9♊57	4°59	4°36	16°30	25°R38	23°41	8°54	26°19	19°43	1°18	0°15	8°56	21°19	T 6
W 7	23 35 19	21°54'01	24°10	6°33	5°44	17° 5	25°38	23°48	8°58	26°21	19°42	1°D17	0°12	9° 2	21°18	W 7
T 8	23 39 15	22°52'54	8♋15	8°11	6°52	17°41	25°38	23°55	9° 2	26°23	19°41	1°18	0° 9	9° 9	21°17	T 8
F 9	23 43 12	23°51'48	22°12	9°51	7°59	18°16	25°37	24° 2	9° 5	26°25	19°40	1°19	0° 6	9°16	21°15	F 9
S 10	23 47 9	24°50'45	5♌58	11°34	9° 7	18°51	25°37	24° 9	9° 9	26°27	19°39	1°21	0° 3	9°23	21°14	S 10
S 11	23 51 5	25°49'44	19°33	13°18	10°14	19°26	25°36	24°16	9°13	26°29	19°38	1°22	29♒59	9°29	21°13	S 11
M12	23 55 2	26°48'46	2♍57	15° 3	11°22	20° 0	25°35	24°23	9°16	26°31	19°37	1°R22	29°56	9°36	21°11	M12
T 13	23 58 58	27°47'49	16° 8	16°49	12°29	20°35	25°33	24°29	9°20	26°33	19°36	1°21	29°53	9°43	21°10	T 13
W14	0 2 55	28°46'55	29° 5	18°36	13°36	21°10	25°32	24°36	9°24	26°35	19°35	1°19	29°50	9°49	21° 8	W14
T 15	0 6 51	29°46'02	11♎49	20°24	14°43	21°44	25°30	24°43	9°28	26°37	19°34	1°16	29°47	9°56	21° 6	T 15
F 16	0 10 48	0♎45'12	24°20	22°11	15°50	22°18	25°28	24°50	9°31	26°39	19°33	1°11	29°43	10° 3	21° 5	F 16
S 17	0 14 44	1°44'24	6♏38	23°59	16°57	22°52	25°26	24°56	9°35	26°41	19°32	1° 6	29°40	10°10	21° 3	S 17
S 18	0 18 41	2°43'37	18°45	25°46	18° 3	23°26	25°24	25° 3	9°39	26°43	19°31	1° 0	29°37	10°16	21° 1	S 18
M19	0 22 37	3°42'53	0♐44	27°33	19° 9	24° 0	25°22	25° 9	9°43	26°45	19°31	0°55	29°34	10°23	20°59	M19
T 20	0 26 34	4°42'10	12°37	29°19	20°16	24°34	25°19	25°16	9°46	26°47	19°30	0°52	29°31	10°30	20°57	T 20
W21	0 30 31	5°41'30	24°29	1♑ 6	21°22	25° 8	25°16	25°22	9°50	26°49	19°29	0°49	29°28	10°36	20°55	W21
T 22	0 34 27	6°40'51	6♑23	2°51	22°27	25°41	25°13	25°29	9°54	26°51	19°28	0°D49	29°24	10°43	20°53	T 22
F 23	0 38 24	7°40'14	18°26	4°36	23°33	26°14	25°10	25°35	9°58	26°54	19°27	0°49	29°21	10°50	20°51	F 23
S 24	0 42 20	8°39'38	0♒42	6°21	24°38	26°48	25° 6	25°41	10° 2	26°56	19°26	0°51	29°18	10°57	20°49	S 24
S 25	0 46 17	9°39'05	13°15	8° 4	25°44	27°21	25° 3	25°48	10° 5	26°58	19°26	0°52	29°15	11° 3	20°47	S 25
M26	0 50 13	10°38'33	26°10	9°48	26°49	27°53	24°59	25°54	10° 9	27° 0	19°25	0°R53	29°12	11°10	20°45	M26
T 27	0 54 10	11°38'03	9♓29	11°30	27°54	28°26	24°55	26° 0	10°13	27° 2	19°24	0°53	29° 9	11°17	20°42	T 27
W28	0 58 6	12°37'35	23°13	13°12	28°58	28°59	24°51	26° 6	10°17	27° 4	19°24	0°51	29° 5	11°24	20°40	W28
T 29	1 2 3	13°37'09	7♈21	14°53	0♐ 3	29°31	24°46	26°12	10°20	27° 7	19°23	0°47	29° 2	11°30	20°38	T 29
F 30	1 6 0	14♎36'45	21♈49	16♎34	1♐ 7	0♌ 3	24♉42	26♌18	10♎24	27♎ 9	19♒22	0♓41	28♒59	11♐37	20♉35	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	5n32	1n43	2n25	12n54	0n49	12s14	1s11	23n31	0n41	18n10	1s 6	15n 3	1n15	2s50	0n38	8s29	1n47	25s42	11s24	11s 0	11s20	26s49	15n49	2s27
F 2	5 9	8 16	3 29	12 40	1 0	12 42	1 15	23 28	0 42	18 10	1 6	15 1	1 15	2 52	0 38	8 30	1 47	25 43	11 24	11 1	11 21	26 50	15 48	2 27
S 3	4 46	14 29	4 20	12 23	1 11	13 11	1 20	23 26	0 43	18 10	1 6	14 59	1 15	2 53	0 38	8 30	1 47	25 43	11 24	11 2	11 22	26 51	15 48	2 27
S 4	4 23	19 58	4 56	12 2	1 20	13 38	1 24	23 23	0 44	18 10	1 7	14 57	1 15	2 55	0 38	8 31	1 47	25 43	11 24	11 2	11 23	26 52	15 48	2 28
M 5	4 0	24 19	5 13	11 38	1 28	14 6	1 28	23 19	0 45	18 10	1 7	14 54	1 16	2 56	0 38	8 32	1 47	25 43	11 23	11 3	11 24	26 53	15 47	2 28
T 6	3 37	27 9	5 11	11 11	1 34	14 33	1 32	23 16	0 46	18 10	1 7	14 52	1 16	2 57	0 38	8 33	1 46	25 44	11 23	11 3	11 26	26 54	15 47	2 28
W 7	3 13	28 14	4 50	10 41	1 40	15 0	1 36	23 13	0 47	18 10	1 7	14 50	1 16	2 59	0 38	8 33	1 46	25 44	11 23	11 4	11 27	26 55	15 46	2 28
T 8	2 50	27 28	4 12	10 9	1 45	15 26	1 41	23 9	0 48	18 9	1 7	14 48	1 16	3 0	0 38	8 34	1 46	25 44	11 23	11 3	11 28	26 56	15 45	2 29
F 9	2 27	24 58	3 19	9 34	1 48	15 53	1 45	23 5	0 49	18 9	1 7	14 46	1 16	3 2	0 38	8 35	1 46	25 44	11 23	11 3	11 29	26 57	15 45	2 29
S 10	2 3	21 2	2 15	8 57	1 51	16 19	1 49	23 2	0 50	18 9	1 7	14 43	1 16	3 3	0 38	8 35	1 46	25 45	11 23	11 2	11 30	26 58	15 44	2 29
S 11	1 40	16 2	1 4	8 19	1 52	16 44	1 53	22 58	0 51	18 9	1 7	14 41	1 16	3 5	0 38	8 36	1 46	25 45	11 23	11 2	11 31	26 58	15 44	2 29
M12	1 16	10 20	0s 9	7 39	1 53	17 9	1 57	22 54	0 52	18 8	1 7	14 39	1 17	3 6	0 38	8 37	1 46	25 45	11 23	11 2	11 32	26 59	15 43	2 30
T 13	0 53	4 16	1 20	6 57	1 53	17 34	2 1	22 49	0 53	18 8	1 8	14 37	1 17	3 8	0 38	8 38	1 46	25 45	11 22	11 2	11 33	27 0	15 42	2 30
W14	0 29	1s52	2 26	6 15	1 52	17 59	2 5	22 45	0 54	18 7	1 8	14 35	1 17	3 9	0 38	8 38	1 46	25 45	11 22	11 3	11 35	27 1	15 42	2 30
T 15	0 6	7 49	3 23	5 31	1 51	18 23	2 9	22 41	0 55	18 7	1 8	14 33	1 17	3 11	0 38	8 39	1 46	25 46	11 22	11 4	11 36	27 2	15 41	2 30
F 16	0s18	13 20	4 10	4 47	1 49	18 46	2 13	22 36	0 56	18 6	1 8	14 30	1 17	3 12	0 38	8 40	1 46	25 46	11 22	11 6	11 37	27 3	15 41	2 31
S 17	0 42	18 15	4 44	4 2	1 47	19 9	2 17	22 32	0 57	18 6	1 8	14 28	1 17	3 14	0 38	8 41	1 46	25 46	11 22	11 8	11 38	27 4	15 40	2 31
S 18	1 5	22 20	5 4	3 16	1 44	19 32	2 21	22 27	0 58	18 5	1 8	14 26	1 17	3 15	0 38	8 41	1 46	25 46	11 22	11 10	11 39	27 5	15 39	2 31
M19	1 29	25 27	5 11	2 31	1 40	19 55	2 25	22 22	1 0	18 5	1 8	14 24	1 18	3 17	0 38	8 42	1 46	25 46	11 22	11 11	11 40	27 5	15 38	2 31
T 20	1 53	27 26	5 5	1 44	1 36	20 16	2 29	22 17	1 1	18 4	1 8	14 22	1 18	3 18	0 38	8 43	1 46	25 46	11 21	11 13	11 41	27 6	15 38	2 31
W21	2 16	28 10	4 45	0 58	1 32	20 38	2 33	22 12	1 2	18 3	1 8	14 20	1 18	3 20	0 38	8 44	1 46	25 46	11 21	11 13	11 42	27 7	15 37	2 32
T 22	2 40	27 36	4 14	0 12	1 27	20 59	2 37	22 7	1 3	18 2	1 8	14 18	1 18	3 21	0 38	8 45	1 46	25 47	11 21	11 14	11 43	27 8	15 36	2 32
F 23	3 3	25 44	3 30	0s35	1 22	21 19	2 41	22 2	1 4	18 1	1 8	14 16	1 18	3 23	0 38	8 45	1 46	25 47	11 21	11 14	11 45	27 9	15 36	2 32
S 24	3 27	22 38	2 37	1 21	1 17	21 39	2 44	21 57	1 5	18 0	1 9	14 14	1 18	3 24	0 38	8 46	1 46	25 47	11 21	11 13	11 46	27 10	15 35	2 32
S 25	3 50	18 25	1 34	2 7	1 12	21 59	2 48	21 51	1 6	18 0	1 9	14 12	1 19	3 26	0 38	8 47	1 46	25 47	11 21	11 12	11 47	27 10	15 34	2 33
M26	4 14	13 15	0 26	2 53	1 6	22 18	2 52	21 46	1 7	17 59	1 9	14 10	1 19	3 27	0 38	8 48	1 46	25 47	11 20	11 12	11 48	27 11	15 33	2 33
T 27	4 37	7 20	0n46	3 39	1 0	22 36	2 55	21 40	1 9	17 57	1 9	14 8	1 19	3 29	0 38	8 49	1 46	25 47	11 20	11 12	11 49	27 12	15 32	2 33
W28	5 0	0 54	1 58	4 24	0 54	22 54	2 58	21 35	1 10	17 56	1 9	14 6	1 19	3 30	0 38	8 49	1 46	25 47	11 20	11 13	11 50	27 13	15 32	2 33
T 29	5 24	5n45	3 4	5 9	0 48	23 12	3 2	21 29	1 11	17 55	1 9	14 4	1 19	3 32	0 38	8 50	1 46	25 47	11 20	11 14	11 51	27 14	15 31	2 33
F 30	5s47	12n14	4n 0	5s54	0n42	23s29	3s 5	21n23	1n12	17n54	1s 9	14n 3	1n19	3s33	0n38	8s51	1n46	25s47	11s20	11s16	11s52	27s14	15n30	2s34

Julian Day Number = 2196126.5, Delta T = 10m23s
Ecliptic obliquity = 23°31'57, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 14°59'13, Lahiri = 14°06'13 Julian Calendar 1 Sept. 1300 == Greg. Calendar 9 Sept. 1300

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1300
geocentric

OCTOBER 1300 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	1 9 56	15♎36'23	6♉31	18♎13	2♐11	0♌36	24°R37	26♌24	10♎28	27♎11	19°R22	0°R34	28♒56	11♐44	20°R33	S 1
S 2	1 13 53	16°36'03	21°18	19°53	3°14	1° 7	24♉32	26°29	10°32	27°13	19♒21	0♓27	28°53	11°50	20♉30	S 2
M 3	1 17 49	17°35'46	6♊ 3	21°31	4°18	1°39	24°27	26°35	10°35	27°15	19°21	0°21	28°49	11°57	20°28	M 3
T 4	1 21 46	18°35'31	20°39	23° 9	5°21	2°11	24°22	26°41	10°39	27°18	19°20	0°16	28°46	12° 4	20°25	T 4
W 5	1 25 42	19°35'18	5♋ 0	24°47	6°24	2°42	24°17	26°46	10°43	27°20	19°19	0°13	28°43	12°11	20°23	W 5
T 6	1 29 39	20°35'08	19° 5	26°23	7°26	3°14	24°11	26°52	10°47	27°22	19°19	0°D12	28°40	12°17	20°20	T 6
F 7	1 33 35	21°34'59	2♌52	28° 0	8°28	3°45	24° 5	26°57	10°50	27°24	19°18	0°12	28°37	12°24	20°17	F 7
S 8	1 37 32	22°34'53	16°22	29°35	9°30	4°16	23°59	27° 3	10°54	27°27	19°18	0°13	28°34	12°31	20°14	S 8
S 9	1 41 29	23°34'49	29°37	1♏11	10°32	4°46	23°53	27° 8	10°58	27°29	19°18	0°R14	28°30	12°37	20°12	S 9
M10	1 45 25	24°34'48	12♍38	2°45	11°34	5°17	23°47	27°13	11° 2	27°31	19°17	0°13	28°27	12°44	20° 9	M10
T 11	1 49 22	25°34'48	25°27	4°19	12°35	5°47	23°41	27°19	11° 5	27°33	19°17	0°10	28°24	12°51	20° 6	T 11
W12	1 53 18	26°34'51	8♎ 5	5°53	13°35	6°17	23°35	27°24	11° 9	27°36	19°16	0° 4	28°21	12°58	20° 3	W12
T 13	1 57 15	27°34'55	20°33	7°26	14°36	6°47	23°28	27°29	11°13	27°38	19°16	29♒56	28°18	13° 4	20° 0	T 13
F 14	2 1 11	28°35'01	2♏52	8°59	15°36	7°17	23°21	27°34	11°16	27°40	19°16	29°46	28°14	13°11	19°57	F 14
S 15	2 5 8	29°35'10	15° 1	10°32	16°35	7°47	23°14	27°39	11°20	27°42	19°15	29°34	28°11	13°18	19°54	S 15
S 16	2 9 4	0♏35'20	27° 3	12° 4	17°35	8°16	23° 7	27°43	11°24	27°45	19°15	29°22	28° 8	13°24	19°51	S 16
M17	2 13 1	1°35'32	8♐58	13°35	18°33	8°45	23° 0	27°48	11°27	27°47	19°15	29°11	28° 5	13°31	19°48	M17
T 18	2 16 58	2°35'46	20°50	15° 6	19°32	9°14	22°53	27°53	11°31	27°49	19°15	29° 1	28° 2	13°38	19°45	T 18
W19	2 20 54	3°36'01	2♑39	16°37	20°30	9°43	22°46	27°57	11°34	27°51	19°15	28°54	27°59	13°45	19°42	W19
T 20	2 24 51	4°36'18	14°32	18° 7	21°27	10°11	22°38	28° 2	11°38	27°54	19°14	28°49	27°55	13°51	19°39	T 20
F 21	2 28 47	5°36'36	26°31	19°37	22°24	10°39	22°31	28° 6	11°42	27°56	19°14	28°47	27°52	13°58	19°36	F 21
S 22	2 32 44	6°36'56	8♒42	21° 7	23°21	11° 7	22°23	28°10	11°45	27°58	19°14	28°D47	27°49	14° 5	19°33	S 22
S 23	2 36 40	7°37'17	21°10	22°36	24°17	11°35	22°16	28°15	11°49	28° 0	19°14	28°47	27°46	14°12	19°29	S 23
M24	2 40 37	8°37'40	4♓ 1	24° 4	25°12	12° 3	22° 8	28°19	11°52	28° 2	19°14	28°R47	27°43	14°18	19°26	M24
T 25	2 44 33	9°38'04	17°18	25°32	26° 7	12°30	22° 0	28°23	11°56	28° 5	19°14	28°46	27°40	14°25	19°23	T 25
W26	2 48 30	10°38'29	1♈ 4	27° 0	27° 1	12°57	21°52	28°27	11°59	28° 7	19°D14	28°42	27°36	14°32	19°20	W26
T 27	2 52 27	11°38'56	15°20	28°27	27°55	13°24	21°44	28°30	12° 2	28° 9	19°14	28°36	27°33	14°38	19°17	T 27
F 28	2 56 23	12°39'24	0♉ 1	29°53	28°48	13°50	21°36	28°34	12° 6	28°11	19°14	28°27	27°30	14°45	19°13	F 28
S 29	3 0 20	13°39'54	15° 2	1♐19	29°40	14°16	21°28	28°38	12° 9	28°13	19°14	28°16	27°27	14°52	19°10	S 29
S 30	3 4 16	14°40'26	0♊13	2°44	0♑31	14°42	21°20	28°41	12°13	28°16	19°14	28° 5	27°24	14°59	19° 7	S 30
M31	3 8 13	15♏40'59	15♊23	4♐ 9	1♑22	15♌ 8	21♉12	28♌45	12♎16	28♎18	19♒14	27♒54	27♒20	15♐ 5	19♉ 4	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	6s10	18n 9	4n41	6s38	0n35	23s45	3s 8	21n18	1n13	17n53	1s 9	14n 1	1n20	3s34	0n38	8s52	1n46	25s47	11s19	11s19	11s53	27s15	15n29	2s34
S 2	6 33	23 2	5 4	7 22	0 29	24 1	3 12	21 12	1 14	17 52	1 9	13 59	1 20	3 36	0 38	8 53	1 46	25 47	11 19	11 21	11 55	27 16	15 28	2 34
M 3	6 56	26 25	5 6	8 5	0 22	24 16	3 15	21 6	1 16	17 50	1 9	13 57	1 20	3 37	0 38	8 53	1 46	25 47	11 19	11 24	11 56	27 17	15 27	2 34
T 4	7 19	28 0	4 48	8 48	0 15	24 31	3 18	21 0	1 17	17 49	1 9	13 55	1 20	3 39	0 38	8 54	1 46	25 47	11 19	11 25	11 57	27 17	15 26	2 34
W 5	7 42	27 39	4 13	9 30	0 9	24 45	3 20	20 54	1 18	17 48	1 9	13 54	1 20	3 40	0 38	8 55	1 46	25 47	11 19	11 26	11 58	27 18	15 26	2 35
T 6	8 4	25 31	3 23	10 11	0 2	24 59	3 23	20 48	1 19	17 46	1 9	13 52	1 20	3 42	0 38	8 56	1 46	25 47	11 18	11 27	11 59	27 19	15 25	2 35
F 7	8 27	21 53	2 22	10 53	0s 5	25 11	3 26	20 42	1 21	17 45	1 9	13 50	1 21	3 43	0 38	8 57	1 46	25 47	11 18	11 27	12 0	27 19	15 24	2 35
S 8	8 49	17 10	1 14	11 33	0 12	25 24	3 29	20 35	1 22	17 43	1 9	13 48	1 21	3 45	0 38	8 57	1 46	25 47	11 18	11 26	12 1	27 20	15 23	2 35
S 9	9 11	11 42	0 3	12 13	0 18	25 36	3 31	20 29	1 23	17 42	1 9	13 47	1 21	3 46	0 38	8 58	1 46	25 47	11 18	11 26	12 2	27 21	15 22	2 35
M10	9 34	5 50	1s 6	12 52	0 25	25 47	3 33	20 23	1 24	17 40	1 9	13 45	1 21	3 48	0 38	8 59	1 46	25 47	11 18	11 26	12 3	27 21	15 21	2 36
T 11	9 56	0s11	2 11	13 30	0 32	25 57	3 36	20 17	1 26	17 39	1 9	13 44	1 21	3 49	0 38	9 0	1 46	25 47	11 17	11 27	12 5	27 22	15 20	2 36
W12	10 17	6 6	3 8	14 8	0 38	26 7	3 38	20 10	1 27	17 37	1 9	13 42	1 22	3 51	0 38	9 1	1 46	25 47	11 17	11 29	12 6	27 23	15 19	2 36
T 13	10 39	11 41	3 55	14 45	0 45	26 17	3 40	20 4	1 28	17 36	1 9	13 40	1 22	3 52	0 38	9 1	1 46	25 47	11 17	11 32	12 7	27 23	15 18	2 36
F 14	11 1	16 45	4 31	15 22	0 51	26 25	3 42	19 58	1 29	17 34	1 9	13 39	1 22	3 53	0 38	9 2	1 46	25 47	11 17	11 36	12 8	27 24	15 17	2 36
S 15	11 22	21 4	4 53	15 57	0 58	26 34	3 43	19 51	1 31	17 32	1 9	13 37	1 22	3 55	0 38	9 3	1 46	25 46	11 17	11 40	12 9	27 25	15 16	2 36
S 16	11 43	24 29	5 3	16 32	1 4	26 41	3 45	19 45	1 32	17 30	1 9	13 36	1 22	3 56	0 38	9 4	1 46	25 46	11 16	11 44	12 10	27 25	15 15	2 37
M17	12 4	26 48	4 59	17 6	1 10	26 48	3 47	19 39	1 33	17 29	1 9	13 34	1 23	3 58	0 38	9 5	1 46	25 46	11 16	11 48	12 11	27 26	15 14	2 37
T 18	12 25	27 54	4 42	17 39	1 16	26 54	3 48	19 32	1 35	17 27	1 9	13 33	1 23	3 59	0 38	9 5	1 46	25 46	11 16	11 52	12 12	27 27	15 13	2 37
W19	12 46	27 43	4 13	18 11	1 22	27 0	3 49	19 26	1 36	17 25	1 9	13 32	1 23	4 1	0 38	9 6	1 46	25 46	11 16	11 54	12 13	27 27	15 12	2 37
T 20	13 6	26 15	3 32	18 42	1 28	27 5	3 50	19 19	1 38	17 23	1 9	13 30	1 23	4 2	0 38	9 7	1 46	25 46	11 15	11 56	12 14	27 28	15 12	2 37
F 21	13 27	23 36	2 43	19 13	1 34	27 9	3 51	19 13	1 39	17 21	1 9	13 29	1 23	4 3	0 38	9 8	1 46	25 46	11 15	11 56	12 16	27 28	15 11	2 37
S 22	13 47	19 50	1 45	19 42	1 39	27 13	3 52	19 7	1 40	17 19	1 9	13 28	1 24	4 5	0 38	9 9	1 46	25 45	11 15	11 57	12 17	27 29	15 10	2 37
S 23	14 6	15 8	0 40	20 11	1 45	27 17	3 52	19 0	1 42	17 18	1 9	13 26	1 24	4 6	0 38	9 9	1 46	25 45	11 15	11 56	12 18	27 30	15 9	2 38
M24	14 26	9 39	0n28	20 38	1 50	27 19	3 53	18 54	1 43	17 16	1 9	13 25	1 24	4 7	0 38	9 10	1 46	25 45	11 14	11 56	12 19	27 30	15 8	2 38
T 25	14 45	3 33	1 37	21 5	1 55	27 21	3 53	18 48	1 45	17 14	1 9	13 24	1 24	4 9	0 38	9 11	1 46	25 45	11 14	11 57	12 20	27 31	15 7	2 38
W26	15 4	2n54	2 42	21 30	2 0	27 23	3 53	18 41	1 46	17 12	1 9	13 23	1 24	4 10	0 38	9 12	1 46	25 44	11 14	11 58	12 21	27 31	15 6	2 38
T 27	15 23	9 26	3 40	21 54	2 4	27 24	3 53	18 35	1 48	17 10	1 9	13 22	1 25	4 11	0 38	9 12	1 46	25 44	11 14	12 0	12 22	27 32	15 5	2 38
F 28	15 42	15 39	4 25	22 17	2 8	27 24	3 52	18 29	1 49	17 8	1 9	13 21	1 25	4 13	0 38	9 13	1 46	25 44	11 13	12 4	12 23	27 32	15 4	2 38
S 29	16 0	21 4	4 53	22 39	2 12	27 24	3 52	18 22	1 51	17 6	1 9	13 19	1 25	4 14	0 38	9 14	1 46	25 44	11 13	12 7	12 24	27 33	15 3	2 38
S 30	16 18	25 10	5 0	23 0	2 16	27 23	3 51	18 16	1 52	17 4	1 9	13 18	1 25	4 15	0 38	9 15	1 46	25 43	11 13	12 11	12 25	27 33	15 2	2 38
M31	16s36	27n29	4n47	23s20	2s19	27s22	3s50	18n10	1n54	17n 2	1s 9	13n17	1n26	4s17	0n38	9s16	1n46	25s43	11s13	12s15	12s27	27s34	15n 1	2s39

Julian Day Number = 2196156.5, Delta T = 10m23s
Ecliptic obliquity = 23°31'57, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 14°59'17, Lahiri = 14°06'17 Julian Calendar 1 Oct. 1300 == Greg. Calendar 9 Oct. 1300

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ASTRODIENST EPHEMERIS for the year 1300
geocentric

NOVEMBER 1300 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	3 12 9	16♏41'34	0♋22	5♐32	2♑13	15♌33	21°R 4	28♌48	12♎19	28♎20	19♒15	27°R46	27♒17	15♐12	19°R 0	T 1
W 2	3 16 6	17°42'11	15° 2	6°55	3° 2	15°58	20♉56	28°52	12°22	28°22	19°15	27♒40	27°14	15°19	18♉57	W 2
T 3	3 20 2	18°42'50	29°18	8°17	3°50	16°23	20°48	28°55	12°26	28°24	19°15	27°37	27°11	15°25	18°54	T 3
F 4	3 23 59	19°43'30	13♌ 9	9°37	4°38	16°48	20°40	28°58	12°29	28°26	19°15	27°35	27° 8	15°32	18°50	F 4
S 5	3 27 56	20°44'12	26°36	10°56	5°25	17°12	20°31	29° 1	12°32	28°29	19°16	27°35	27° 5	15°39	18°47	S 5
S 6	3 31 52	21°44'55	9♍42	12°14	6°11	17°36	20°23	29° 4	12°35	28°31	19°16	27°35	27° 1	15°46	18°44	S 6
M 7	3 35 49	22°45'40	22°30	13°30	6°56	17°59	20°15	29° 7	12°38	28°33	19°16	27°33	26°58	15°52	18°41	M 7
T 8	3 39 45	23°46'27	5♎ 4	14°43	7°40	18°23	20° 7	29° 9	12°41	28°35	19°16	27°29	26°55	15°59	18°37	T 8
W 9	3 43 42	24°47'15	17°27	15°55	8°23	18°46	19°59	29°12	12°45	28°37	19°17	27°21	26°52	16° 6	18°34	W 9
T 10	3 47 38	25°48'05	29°40	17° 4	9° 5	19° 8	19°51	29°14	12°48	28°39	19°17	27°11	26°49	16°12	18°31	T 10
F 11	3 51 35	26°48'56	11♏47	18°10	9°45	19°30	19°43	29°17	12°51	28°41	19°18	26°58	26°46	16°19	18°28	F 11
S 12	3 55 31	27°49'48	23°48	19°13	10°25	19°52	19°35	29°19	12°53	28°43	19°18	26°43	26°42	16°26	18°24	S 12
S 13	3 59 28	28°50'42	5♐44	20°12	11° 3	20°14	19°27	29°21	12°56	28°45	19°19	26°27	26°39	16°33	18°21	S 13
M14	4 3 25	29°51'36	17°36	21° 6	11°41	20°35	19°19	29°23	12°59	28°47	19°19	26°13	26°36	16°39	18°18	M14
T 15	4 7 21	0♐52'32	29°27	21°55	12°16	20°55	19°11	29°25	13° 2	28°49	19°20	26° 0	26°33	16°46	18°15	T 15
W16	4 11 18	1°53'29	11♑17	22°39	12°51	21°16	19° 3	29°27	13° 5	28°51	19°20	25°51	26°30	16°53	18°11	W16
T 17	4 15 14	2°54'27	23° 9	23°15	13°24	21°36	18°55	29°29	13° 8	28°53	19°21	25°44	26°26	16°59	18° 8	T 17
F 18	4 19 11	3°55'25	5♒ 8	23°45	13°55	21°55	18°48	29°30	13°11	28°55	19°21	25°40	26°23	17° 6	18° 5	F 18
S 19	4 23 7	4°56'24	17°17	24° 7	14°25	22°14	18°40	29°32	13°13	28°57	19°22	25°38	26°20	17°13	18° 2	S 19
S 20	4 27 4	5°57'24	29°41	24°19	14°54	22°33	18°32	29°33	13°16	28°59	19°23	25°38	26°17	17°20	17°59	S 20
M21	4 31 0	6°58'24	12♓25	24°R22	15°20	22°51	18°25	29°35	13°18	29° 1	19°23	25°38	26°14	17°26	17°56	M21
T 22	4 34 57	7°59'25	25°34	24°14	15°45	23° 9	18°18	29°36	13°21	29° 2	19°24	25°37	26°11	17°33	17°53	T 22
W23	4 38 54	9° 0'27	9♈12	23°55	16° 8	23°26	18°11	29°37	13°24	29° 4	19°25	25°34	26° 7	17°40	17°50	W23
T 24	4 42 50	10° 1'29	23°20	23°24	16°30	23°43	18° 4	29°38	13°26	29° 6	19°25	25°28	26° 4	17°46	17°47	T 24
F 25	4 46 47	11° 2'31	7♉58	22°42	16°49	23°59	17°57	29°39	13°29	29° 8	19°26	25°20	26° 1	17°53	17°44	F 25
S 26	4 50 43	12° 3'35	23° 0	21°49	17° 6	24°15	17°50	29°39	13°31	29°10	19°27	25° 9	25°58	18° 0	17°41	S 26
S 27	4 54 40	13° 4'38	8♊18	20°46	17°21	24°31	17°43	29°40	13°33	29°11	19°28	24°58	25°55	18° 7	17°38	S 27
M28	4 58 36	14° 5'43	23°40	19°34	17°34	24°46	17°37	29°41	13°36	29°13	19°29	24°48	25°52	18°13	17°35	M28
T 29	5 2 33	15° 6'48	8♋55	18°16	17°45	25° 0	17°30	29°41	13°38	29°15	19°30	24°39	25°48	18°20	17°32	T 29
W30	5 6 30	16♐ 7'54	23♋52	16♐54	17♑54	25♌14	17♉24	29♌41	13♎40	29♎17	19♒30	24♒33	25♒45	18♐27	17♉30	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	16s53	27n46	4n14	23s38	2s22	27s20	3s49	18n 4	1n55	17n 0	1s 9	13n16	1n26	4s18	0n38	9s16	1n46	25s43	11s13	12s18	12s28	27s34	15n 0	2s39
W 2	17 11	26 4	3 25	23 55	2 24	27 17	3 47	17 58	1 57	16 58	1 8	13 16	1 26	4 19	0 38	9 17	1 46	25 43	11 12	12 20	12 29	27 35	14 59	2 39
T 3	17 28	22 43	2 24	24 11	2 26	27 14	3 46	17 52	1 58	16 55	1 8	13 15	1 26	4 20	0 38	9 18	1 46	25 42	11 12	12 21	12 30	27 35	14 58	2 39
F 4	17 44	18 9	1 16	24 25	2 28	27 11	3 44	17 46	2 0	16 53	1 8	13 14	1 26	4 22	0 38	9 18	1 46	25 42	11 12	12 21	12 31	27 36	14 57	2 39
S 5	18 0	12 47	0 5	24 38	2 29	27 7	3 42	17 40	2 1	16 51	1 8	13 13	1 27	4 23	0 38	9 19	1 46	25 42	11 12	12 21	12 32	27 36	14 56	2 39
S 6	18 16	6 59	1s 4	24 50	2 30	27 2	3 39	17 34	2 3	16 49	1 8	13 12	1 27	4 24	0 38	9 20	1 46	25 41	11 11	12 22	12 33	27 37	14 55	2 39
M 7	18 32	1 2	2 7	24 59	2 30	26 57	3 37	17 28	2 5	16 47	1 8	13 11	1 27	4 25	0 38	9 21	1 46	25 41	11 11	12 22	12 34	27 37	14 54	2 39
T 8	18 47	4s50	3 4	25 8	2 30	26 52	3 34	17 23	2 6	16 45	1 8	13 11	1 27	4 27	0 38	9 21	1 46	25 41	11 11	12 24	12 35	27 38	14 53	2 39
W 9	19 2	10 25	3 51	25 15	2 29	26 46	3 31	17 17	2 8	16 43	1 8	13 10	1 28	4 28	0 38	9 22	1 46	25 40	11 11	12 26	12 36	27 38	14 52	2 39
T 10	19 17	15 32	4 26	25 20	2 27	26 40	3 27	17 12	2 10	16 41	1 7	13 9	1 28	4 29	0 39	9 23	1 46	25 40	11 10	12 30	12 37	27 39	14 51	2 40
F 11	19 31	20 0	4 49	25 24	2 24	26 33	3 23	17 6	2 11	16 39	1 7	13 9	1 28	4 30	0 39	9 24	1 46	25 40	11 10	12 34	12 39	27 39	14 50	2 40
S 12	19 45	23 36	4 59	25 26	2 21	26 26	3 19	17 1	2 13	16 37	1 7	13 8	1 28	4 31	0 39	9 24	1 46	25 39	11 10	12 39	12 40	27 39	14 49	2 40
S 13	19 59	26 11	4 55	25 26	2 16	26 18	3 15	16 56	2 15	16 35	1 7	13 8	1 29	4 32	0 39	9 25	1 46	25 39	11 10	12 45	12 41	27 40	14 48	2 40
M14	20 12	27 35	4 39	25 24	2 11	26 10	3 10	16 50	2 16	16 33	1 7	13 7	1 29	4 33	0 39	9 26	1 46	25 39	11 9	12 50	12 42	27 40	14 47	2 40
T 15	20 25	27 42	4 10	25 21	2 4	26 2	3 5	16 45	2 18	16 31	1 7	13 7	1 29	4 34	0 39	9 26	1 46	25 38	11 9	12 54	12 43	27 41	14 46	2 40
W16	20 37	26 34	3 31	25 16	1 57	25 53	3 0	16 41	2 20	16 29	1 6	13 6	1 29	4 36	0 39	9 27	1 47	25 38	11 9	12 57	12 44	27 41	14 45	2 40
T 17	20 49	24 12	2 43	25 10	1 48	25 44	2 54	16 36	2 22	16 27	1 6	13 6	1 30	4 37	0 39	9 28	1 47	25 37	11 9	13 0	12 45	27 41	14 44	2 40
F 18	21 1	20 46	1 46	25 1	1 38	25 35	2 48	16 31	2 24	16 25	1 6	13 5	1 30	4 38	0 39	9 28	1 47	25 37	11 9	13 1	12 46	27 42	14 43	2 40
S 19	21 12	16 25	0 44	24 51	1 27	25 25	2 41	16 27	2 25	16 23	1 6	13 5	1 30	4 39	0 39	9 29	1 47	25 37	11 8	13 1	12 47	27 42	14 42	2 40
S 20	21 23	11 18	0n21	24 39	1 14	25 15	2 35	16 22	2 27	16 21	1 6	13 5	1 30	4 40	0 39	9 29	1 47	25 36	11 8	13 1	12 48	27 42	14 42	2 40
M21	21 34	5 35	1 28	24 25	1 0	25 5	2 27	16 18	2 29	16 20	1 6	13 5	1 30	4 41	0 39	9 30	1 47	25 36	11 8	13 1	12 49	27 43	14 41	2 40
T 22	21 44	0n33	2 31	24 9	0 44	24 55	2 20	16 14	2 31	16 18	1 5	13 4	1 31	4 42	0 39	9 31	1 47	25 35	11 8	13 2	12 50	27 43	14 40	2 40
W23	21 53	6 51	3 29	23 51	0 27	24 44	2 12	16 10	2 33	16 16	1 5	13 4	1 31	4 43	0 39	9 31	1 47	25 35	11 7	13 3	12 52	27 43	14 39	2 40
T 24	22 2	13 3	4 16	23 31	0 9	24 33	2 3	16 6	2 35	16 14	1 5	13 4	1 31	4 44	0 39	9 32	1 47	25 34	11 7	13 5	12 53	27 44	14 38	2 40
F 25	22 11	18 45	4 48	23 10	0n10	24 22	1 55	16 2	2 37	16 13	1 5	13 4	1 31	4 45	0 39	9 33	1 47	25 34	11 7	13 8	12 54	27 44	14 37	2 40
S 26	22 19	23 27	5 1	22 47	0 30	24 10	1 45	15 59	2 39	16 11	1 4	13 4	1 32	4 45	0 39	9 33	1 47	25 33	11 7	13 11	12 55	27 44	14 36	2 40
S 27	22 27	26 36	4 53	22 23	0 50	23 59	1 36	15 56	2 41	16 9	1 4	13 4	1 32	4 46	0 39	9 34	1 47	25 33	11 7	13 15	12 56	27 45	14 36	2 40
M28	22 35	27 47	4 24	21 57	1 10	23 47	1 26	15 52	2 43	16 8	1 4	13 4	1 32	4 47	0 39	9 34	1 47	25 32	11 6	13 18	12 57	27 45	14 35	2 40
T 29	22 42	26 50	3 37	21 31	1 30	23 35	1 15	15 49	2 45	16 6	1 4	13 4	1 32	4 48	0 39	9 35	1 47	25 32	11 6	13 21	12 58	27 45	14 34	2 40
W30	22s48	23n57	2n35	21s 5	1n48	23s23	1s 4	15n46	2n47	16n 4	1s 4	13n 4	1n33	4s49	0n39	9s35	1n47	25s32	11s 6	13s23	12s59	27s45	14n33	2s40

Julian Day Number = 2196187.5, Delta T = 10m23s
Ecliptic obliquity = 23°31'56, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 14°59'21, Lahiri = 14°06'22 Julian Calendar 1 Nov. 1300 == Greg. Calendar 9 Nov. 1300

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ASTRODIENST EPHEMERIS for the year 1300
geocentric

DECEMBER 1300 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	5 10 26	17♐ 9'01	8♌25	15°R31	18♉ 0	25♌27	17°R18	29♌42	13♎42	29♎18	19♒31	24°R30	25♒42	18♐33	17°R27	T 1
F 2	5 14 23	18°10'08	22°29	14♐10	18° 4	25°40	17♉12	29°R42	13°45	29°20	19°32	24°D29	25°39	18°40	17♉24	F 2
S 3	5 18 19	19°11'16	6♍ 5	12°53	18°R 5	25°52	17° 6	29°42	13°47	29°21	19°33	24♒29	25°36	18°47	17°21	S 3
S 4	5 22 16	20°12'25	19°14	11°43	18° 4	26° 4	17° 0	29°41	13°49	29°23	19°34	24°R30	25°32	18°54	17°19	S 4
M 5	5 26 12	21°13'35	2♎ 2	10°41	18° 1	26°15	16°55	29°41	13°51	29°25	19°35	24°29	25°29	19° 0	17°16	M 5
T 6	5 30 9	22°14'45	14°31	9°49	17°55	26°26	16°49	29°41	13°53	29°26	19°36	24°26	25°26	19° 7	17°14	T 6
W 7	5 34 5	23°15'55	26°46	9° 7	17°46	26°36	16°44	29°40	13°55	29°28	19°37	24°21	25°23	19°14	17°11	W 7
T 8	5 38 2	24°17'07	8♏51	8°36	17°36	26°45	16°39	29°40	13°56	29°29	19°38	24°14	25°20	19°20	17° 9	T 8
F 9	5 41 59	25°18'18	20°49	8°16	17°22	26°54	16°34	29°39	13°58	29°31	19°39	24° 4	25°17	19°27	17° 6	F 9
S 10	5 45 55	26°19'30	2♐43	8° 6	17° 6	27° 2	16°29	29°38	14° 0	29°32	19°41	23°52	25°13	19°34	17° 4	S 10
S 11	5 49 52	27°20'43	14°35	8°D 5	16°48	27° 9	16°25	29°37	14° 2	29°33	19°42	23°40	25°10	19°41	17° 2	S 11
M12	5 53 48	28°21'56	26°26	8°14	16°28	27°16	16°21	29°36	14° 3	29°35	19°43	23°29	25° 7	19°47	16°59	M12
T 13	5 57 45	29°23'08	8♑18	8°31	16° 5	27°22	16°16	29°35	14° 5	29°36	19°44	23°19	25° 4	19°54	16°57	T 13
W14	6 1 41	0♑24'21	20°13	8°55	15°40	27°27	16°12	29°34	14° 6	29°38	19°45	23°11	25° 1	20° 1	16°55	W14
T 15	6 5 38	1°25'34	2♒11	9°26	15°13	27°32	16° 9	29°33	14° 8	29°39	19°46	23° 6	24°58	20° 7	16°53	T 15
F 16	6 9 34	2°26'46	14°16	10° 4	14°44	27°36	16° 5	29°31	14° 9	29°40	19°48	23° 4	24°54	20°14	16°51	F 16
S 17	6 13 31	3°27'58	26°30	10°47	14°13	27°39	16° 2	29°30	14°11	29°41	19°49	23°D 3	24°51	20°21	16°49	S 17
S 18	6 17 28	4°29'10	8♓57	11°34	13°41	27°42	15°59	29°28	14°12	29°43	19°50	23° 4	24°48	20°28	16°47	S 18
M19	6 21 24	5°30'22	21°41	12°27	13° 7	27°43	15°56	29°26	14°13	29°44	19°51	23° 6	24°45	20°34	16°45	M19
T 20	6 25 21	6°31'32	4♈45	13°23	12°33	27°44	15°53	29°24	14°15	29°45	19°53	23°R 6	24°42	20°41	16°43	T 20
W21	6 29 17	7°32'43	18°14	14°22	11°57	27°R45	15°50	29°22	14°16	29°46	19°54	23° 6	24°38	20°48	16°42	W21
T 22	6 33 14	8°33'53	2♉ 9	15°25	11°21	27°44	15°48	29°20	14°17	29°47	19°55	23° 3	24°35	20°54	16°40	T 22
F 23	6 37 10	9°35'02	16°31	16°30	10°44	27°43	15°46	29°18	14°18	29°48	19°57	22°59	24°32	21° 1	16°38	F 23
S 24	6 41 7	10°36'11	1♊17	17°38	10° 7	27°41	15°44	29°16	14°19	29°49	19°58	22°53	24°29	21° 8	16°37	S 24
S 25	6 45 4	11°37'19	16°21	18°48	9°30	27°38	15°42	29°13	14°20	29°50	20° 0	22°47	24°26	21°14	16°35	S 25
M26	6 49 0	12°38'27	1♋35	20° 0	8°54	27°35	15°41	29°11	14°21	29°51	20° 1	22°40	24°23	21°21	16°34	M26
T 27	6 52 57	13°39'34	16°48	21°14	8°18	27°30	15°39	29° 8	14°22	29°52	20° 2	22°35	24°19	21°28	16°32	T 27
W28	6 56 53	14°40'41	1♌49	22°30	7°43	27°25	15°38	29° 6	14°23	29°53	20° 4	22°32	24°16	21°35	16°31	W28
T 29	7 0 50	15°41'47	16°30	23°47	7° 9	27°19	15°37	29° 3	14°23	29°54	20° 5	22°D30	24°13	21°41	16°30	T 29
F 30	7 4 46	16°42'53	0♍46	25° 6	6°37	27°12	15°36	29° 0	14°24	29°55	20° 7	22°30	24°10	21°48	16°28	F 30
S 31	7 8 43	17♑43'59	14♍33	26♐25	6♑ 6	27♌ 5	15♉36	28♌57	14♎25	29♎55	20♒ 8	22♒32	24♒ 7	21♐55	16♉27	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22s55	19n35	1n24	20s40	2n 5	23s11	0s53	15n44	2n49	16n 3	1s 3	13n 4	1n33	4s50	0n39	9s36	1n47	25s31	11s 6	13s24	13s 0	27s46	14n32	2s40
F 2	23 0	14 14	0 11	20 16	2 20	22 59	0 41	15 41	2 51	16 1	1 3	13 5	1 33	4 51	0 39	9 36	1 47	25 31	11 6	13 25	13 1	27 46	14 32	2 40
S 3	23 5	8 22	1s 1	19 54	2 33	22 47	0 29	15 39	2 53	16 0	1 3	13 5	1 33	4 51	0 39	9 37	1 47	25 30	11 5	13 25	13 2	27 46	14 31	2 40
S 4	23 10	2 19	2 8	19 34	2 44	22 34	0 16	15 37	2 55	15 59	1 3	13 5	1 34	4 52	0 39	9 38	1 47	25 30	11 5	13 24	13 3	27 46	14 30	2 40
M 5	23 14	3s39	3 6	19 18	2 52	22 22	0 3	15 35	2 57	15 57	1 2	13 5	1 34	4 53	0 39	9 38	1 47	25 29	11 5	13 25	13 4	27 47	14 29	2 40
T 6	23 18	9 20	3 54	19 4	2 58	22 9	0n10	15 34	2 59	15 56	1 2	13 6	1 34	4 54	0 39	9 39	1 47	25 28	11 5	13 26	13 6	27 47	14 29	2 40
W 7	23 22	14 32	4 30	18 55	3 2	21 57	0 24	15 32	3 1	15 55	1 2	13 6	1 34	4 54	0 39	9 39	1 47	25 28	11 5	13 27	13 7	27 47	14 28	2 40
T 8	23 24	19 7	4 53	18 48	3 3	21 44	0 38	15 31	3 4	15 54	1 2	13 7	1 35	4 55	0 39	9 39	1 47	25 27	11 4	13 30	13 8	27 47	14 27	2 40
F 9	23 27	22 54	5 3	18 45	3 3	21 31	0 53	15 30	3 6	15 52	1 1	13 7	1 35	4 56	0 39	9 40	1 48	25 27	11 4	13 33	13 9	27 48	14 27	2 40
S 10	23 29	25 41	5 0	18 46	3 1	21 19	1 8	15 29	3 8	15 51	1 1	13 8	1 35	4 56	0 39	9 40	1 48	25 26	11 4	13 37	13 10	27 48	14 26	2 40
S 11	23 30	27 20	4 44	18 49	2 58	21 6	1 23	15 29	3 10	15 50	1 1	13 8	1 35	4 57	0 39	9 41	1 48	25 26	11 4	13 41	13 11	27 48	14 25	2 40
M12	23 31	27 45	4 16	18 54	2 54	20 53	1 38	15 29	3 12	15 49	1 1	13 9	1 36	4 58	0 39	9 41	1 48	25 25	11 4	13 45	13 12	27 48	14 25	2 40
T 13	23 32	26 52	3 36	19 2	2 48	20 41	1 54	15 29	3 15	15 48	1 0	13 9	1 36	4 58	0 39	9 42	1 48	25 25	11 4	13 48	13 13	27 48	14 24	2 40
W14	23 32	24 45	2 47	19 12	2 42	20 28	2 9	15 29	3 17	15 48	1 0	13 10	1 36	4 59	0 39	9 42	1 48	25 24	11 3	13 50	13 14	27 48	14 24	2 40
T 15	23 31	21 32	1 50	19 24	2 35	20 16	2 25	15 29	3 19	15 47	1 0	13 11	1 36	4 59	0 39	9 43	1 48	25 24	11 3	13 52	13 15	27 49	14 23	2 40
F 16	23 31	17 22	0 47	19 37	2 28	20 3	2 40	15 30	3 21	15 46	0 59	13 11	1 37	5 0	0 39	9 43	1 48	25 23	11 3	13 53	13 16	27 49	14 23	2 40
S 17	23 29	12 26	0n19	19 50	2 20	19 51	2 56	15 31	3 24	15 45	0 59	13 12	1 37	5 0	0 39	9 43	1 48	25 23	11 3	13 53	13 17	27 49	14 22	2 40
S 18	23 27	6 56	1 25	20 5	2 12	19 39	3 12	15 32	3 26	15 45	0 59	13 13	1 37	5 1	0 39	9 44	1 48	25 22	11 3	13 53	13 18	27 49	14 22	2 40
M19	23 25	1 3	2 28	20 20	2 3	19 27	3 27	15 34	3 28	15 44	0 59	13 14	1 37	5 1	0 40	9 44	1 48	25 21	11 3	13 52	13 19	27 49	14 21	2 40
T 20	23 22	5n 3	3 26	20 36	1 55	19 15	3 42	15 36	3 30	15 44	0 58	13 15	1 37	5 2	0 40	9 44	1 48	25 21	11 2	13 52	13 20	27 49	14 21	2 40
W21	23 19	11 5	4 14	20 52	1 46	19 4	3 57	15 38	3 33	15 43	0 58	13 16	1 38	5 2	0 40	9 45	1 48	25 20	11 2	13 52	13 22	27 49	14 20	2 40
T 22	23 15	16 47	4 49	21 7	1 37	18 53	4 11	15 40	3 35	15 43	0 58	13 17	1 38	5 3	0 40	9 45	1 48	25 20	11 2	13 53	13 23	27 49	14 20	2 40
F 23	23 11	21 44	5 7	21 23	1 28	18 42	4 25	15 42	3 37	15 42	0 58	13 18	1 38	5 3	0 40	9 45	1 48	25 19	11 2	13 54	13 24	27 49	14 19	2 40
S 24	23 6	25 29	5 6	21 38	1 19	18 31	4 38	15 45	3 39	15 42	0 57	13 19	1 38	5 3	0 40	9 46	1 48	25 19	11 2	13 56	13 25	27 49	14 19	2 40
S 25	23 1	27 32	4 44	21 54	1 10	18 21	4 51	15 48	3 42	15 42	0 57	13 20	1 39	5 4	0 40	9 46	1 48	25 18	11 2	13 59	13 26	27 50	14 18	2 40
M26	22 56	27 33	4 1	22 8	1 1	18 11	5 3	15 52	3 44	15 42	0 57	13 21	1 39	5 4	0 40	9 46	1 48	25 17	11 2	14 1	13 27	27 50	14 18	2 40
T 27	22 50	25 29	3 2	22 22	0 53	18 2	5 15	15 55	3 46	15 41	0 56	13 22	1 39	5 4	0 40	9 47	1 49	25 17	11 2	14 2	13 28	27 50	14 18	2 40
W28	22 43	21 37	1 50	22 35	0 44	17 53	5 26	15 59	3 48	15 41	0 56	13 23	1 39	5 5	0 40	9 47	1 49	25 16	11 1	14 3	13 29	27 50	14 17	2 40
T 29	22 36	16 28	0 33	22 48	0 35	17 45	5 36	16 3	3 51	15 41	0 56	13 24	1 39	5 5	0 40	9 47	1 49	25 16	11 1	14 4	13 30	27 50	14 17	2 39
F 30	22 29	10 33	0s45	23 0	0 27	17 37	5 45	16 8	3 53	15 41	0 56	13 25	1 40	5 5	0 40	9 47	1 49	25 15	11 1	14 4	13 31	27 50	14 17	2 39
S 31	22s21	4n18	1s57	23s11	0n18	17s30	5n54	16n12	3n55	15n42	0s55	13n27	1n40	5s 5	0n40	9s48	1n49	25s14	11s 1	14s 4	13s32	27s50	14n17	2s39

Julian Day Number = 2196217.5, Delta T = 10m23s
Ecliptic obliquity = 23°31'55, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 14°59'25, Lahiri = 14°06'26 Julian Calendar 1 Dec. 1300 == Greg. Calendar 9 Dec. 1300

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ASTRODIENST EPHEMERIS for the year 1301
geocentric

JANUARY 1301 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	7 12 39	18♉45'04	27♍53	27♐46	5°R36	26°R56	15°R36	28°R54	14♎25	29♎56	20♒10	22♒33	24♒ 4	22♐ 1	16°R26	S 1
M 2	7 16 36	19°46'08	10♎48	29° 8	5♉ 9	26♌47	15°D35	28♌51	14°26	29°57	20°11	22°34	24° 0	22° 8	16♋25	M 2
T 3	7 20 33	20°47'12	23°21	0♉31	4°44	26°37	15♋36	28°48	14°26	29°58	20°13	22°R35	23°57	22°15	16°24	T 3
W 4	7 24 29	21°48'16	5♏37	1°55	4°21	26°26	15°36	28°45	14°27	29°58	20°14	22°34	23°54	22°22	16°23	W 4
T 5	7 28 26	22°49'20	17°40	3°20	4° 0	26°15	15°36	28°41	14°27	29°59	20°16	22°31	23°51	22°28	16°23	T 5
F 6	7 32 22	23°50'22	29°36	4°46	3°41	26° 3	15°37	28°38	14°27	29°59	20°17	22°28	23°48	22°35	16°22	F 6
S 7	7 36 19	24°51'25	11♐27	6°13	3°25	25°49	15°38	28°34	14°27	0♏ 0	20°19	22°23	23°44	22°42	16°21	S 7
S 8	7 40 15	25°52'26	23°17	7°40	3°11	25°36	15°39	28°31	14°28	0° 1	20°20	22°18	23°41	22°48	16°21	S 8
M 9	7 44 12	26°53'27	5♉ 9	9° 8	3° 0	25°21	15°40	28°27	14°28	0° 1	20°22	22°13	23°38	22°55	16°20	M 9
T 10	7 48 8	27°54'27	17° 5	10°37	2°51	25° 5	15°42	28°23	14°28	0° 2	20°24	22° 9	23°35	23° 2	16°20	T 10
W11	7 52 5	28°55'26	29° 7	12° 7	2°45	24°49	15°44	28°19	14°R28	0° 2	20°25	22° 6	23°32	23° 9	16°19	W11
T 12	7 56 2	29°56'23	11♒16	13°38	2°41	24°33	15°46	28°15	14°28	0° 2	20°27	22° 4	23°29	23°15	16°19	T 12
F 13	7 59 58	0♒57'20	23°34	15° 9	2°D40	24°15	15°48	28°11	14°28	0° 3	20°28	22°D 4	23°25	23°22	16°19	F 13
S 14	8 3 55	1°58'16	6♓ 3	16°41	2°41	23°57	15°50	28° 7	14°27	0° 3	20°30	22° 5	23°22	23°29	16°18	S 14
S 15	8 7 51	2°59'10	18°43	18°13	2°45	23°38	15°53	28° 3	14°27	0° 3	20°32	22° 6	23°19	23°35	16°18	S 15
M16	8 11 48	4° 0'03	1♈38	19°47	2°51	23°19	15°55	27°59	14°27	0° 4	20°33	22° 7	23°16	23°42	16°D18	M16
T 17	8 15 44	5° 0'54	14°48	21°21	2°59	22°59	15°58	27°55	14°27	0° 4	20°35	22° 9	23°13	23°49	16°18	T 17
W18	8 19 41	6° 1'44	28°17	22°56	3° 9	22°38	16° 1	27°51	14°26	0° 4	20°37	22° 9	23°10	23°55	16°18	W18
T 19	8 23 37	7° 2'32	12♉ 4	24°31	3°21	22°17	16° 5	27°46	14°26	0° 4	20°38	22°R10	23° 6	24° 2	16°18	T 19
F 20	8 27 34	8° 3'19	26°12	26° 8	3°36	21°56	16° 8	27°42	14°25	0° 4	20°40	22° 9	23° 3	24° 9	16°19	F 20
S 21	8 31 31	9° 4'05	10♊37	27°45	3°53	21°34	16°12	27°38	14°25	0° 4	20°42	22° 8	23° 0	24°16	16°19	S 21
S 22	8 35 27	10° 4'48	25°17	29°23	4°11	21°12	16°16	27°33	14°24	0° 5	20°43	22° 6	22°57	24°22	16°19	S 22
M23	8 39 24	11° 5'31	10♋ 6	1♒ 1	4°32	20°49	16°20	27°29	14°24	0°R 5	20°45	22° 5	22°54	24°29	16°20	M23
T 24	8 43 20	12° 6'11	24°57	2°41	4°54	20°26	16°24	27°24	14°23	0° 5	20°47	22° 4	22°50	24°36	16°20	T 24
W25	8 47 17	13° 6'50	9♌43	4°21	5°19	20° 3	16°29	27°20	14°22	0° 4	20°48	22° 3	22°47	24°42	16°21	W25
T 26	8 51 13	14° 7'28	24°17	6° 2	5°45	19°40	16°33	27°15	14°21	0° 4	20°50	22°D 3	22°44	24°49	16°21	T 26
F 27	8 55 10	15° 8'04	8♍31	7°44	6°12	19°16	16°38	27°10	14°20	0° 4	20°52	22° 3	22°41	24°56	16°22	F 27
S 28	8 59 6	16° 8'38	22°22	9°27	6°42	18°52	16°43	27° 6	14°19	0° 4	20°53	22° 4	22°38	25° 2	16°23	S 28
S 29	9 3 3	17° 9'12	5♎48	11°11	7°13	18°29	16°48	27° 1	14°19	0° 4	20°55	22° 4	22°35	25° 9	16°24	S 29
M30	9 7 0	18° 9'44	18°50	12°56	7°45	18° 5	16°53	26°56	14°18	0° 4	20°57	22° 5	22°31	25°16	16°25	M30
T 31	9 10 56	19♒10'14	1♏30	14♒42	8♉19	17♌41	16♋59	26♌52	14♎16	0♏ 3	20♒59	22♒ 5	22♒28	25♐23	16♋26	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22s13	1s55	3s 1	23s21	0n10	17s23	6n 2	16n17	3n57	15n42	0s55	13n28	1n40	5s 6	0n40	9s48	1n49	25s14	11s 1	14s 3	13s33	27s50	14n16	2s39
M 2	22 4	7 52	3 53	23 30	0 2	17 17	6 9	16 22	3 59	15 42	0 55	13 29	1 40	5 6	0 40	9 48	1 49	25 13	11 1	14 3	13 34	27 50	14 16	2 39
T 3	21 55	13 19	4 33	23 38	0s 6	17 12	6 15	16 28	4 1	15 42	0 54	13 30	1 41	5 6	0 40	9 48	1 49	25 13	11 1	14 2	13 35	27 50	14 16	2 39
W 4	21 46	18 8	4 59	23 45	0 14	17 7	6 21	16 34	4 3	15 43	0 54	13 32	1 41	5 6	0 40	9 48	1 49	25 12	11 1	14 3	13 36	27 50	14 16	2 39
T 5	21 36	22 9	5 12	23 50	0 21	17 3	6 26	16 39	4 5	15 43	0 54	13 33	1 41	5 6	0 40	9 48	1 49	25 11	11 1	14 4	13 37	27 50	14 16	2 39
F 6	21 25	25 11	5 10	23 55	0 28	16 59	6 30	16 46	4 7	15 43	0 54	13 35	1 41	5 6	0 40	9 49	1 49	25 11	11 1	14 5	13 38	27 50	14 15	2 39
S 7	21 14	27 7	4 56	23 59	0 36	16 56	6 33	16 52	4 9	15 44	0 53	13 36	1 41	5 6	0 40	9 49	1 49	25 10	11 0	14 6	13 40	27 50	14 15	2 39
S 8	21 3	27 50	4 28	24 1	0 42	16 54	6 36	16 58	4 11	15 45	0 53	13 37	1 42	5 6	0 40	9 49	1 49	25 10	11 0	14 8	13 41	27 50	14 15	2 39
M 9	20 52	27 15	3 50	24 2	0 49	16 52	6 38	17 5	4 13	15 45	0 53	13 39	1 42	5 6	0 40	9 49	1 49	25 9	11 0	14 10	13 42	27 50	14 15	2 39
T 10	20 40	25 25	3 1	24 2	0 56	16 51	6 39	17 12	4 15	15 46	0 52	13 40	1 42	5 6	0 40	9 49	1 49	25 9	11 0	14 11	13 43	27 49	14 15	2 39
W11	20 27	22 25	2 3	24 0	1 2	16 50	6 40	17 19	4 16	15 47	0 52	13 42	1 42	5 6	0 40	9 49	1 49	25 8	11 0	14 12	13 44	27 49	14 15	2 39
T 12	20 14	18 25	0 59	23 57	1 8	16 50	6 41	17 27	4 18	15 48	0 52	13 43	1 42	5 6	0 40	9 49	1 50	25 7	11 0	14 12	13 45	27 49	14 15	2 38
F 13	20 1	13 35	0n 8	23 53	1 14	16 50	6 40	17 34	4 20	15 48	0 52	13 45	1 42	5 6	0 40	9 49	1 50	25 7	11 0	14 12	13 46	27 49	14 15	2 38
S 14	19 48	8 9	1 16	23 48	1 19	16 51	6 40	17 42	4 21	15 49	0 51	13 47	1 43	5 6	0 40	9 49	1 50	25 6	11 0	14 12	13 47	27 49	14 15	2 38
S 15	19 34	2 18	2 22	23 41	1 24	16 52	6 38	17 49	4 23	15 50	0 51	13 48	1 43	5 6	0 40	9 49	1 50	25 6	11 0	14 12	13 48	27 49	14 15	2 38
M16	19 20	3n44	3 21	23 32	1 29	16 53	6 37	17 57	4 24	15 51	0 51	13 50	1 43	5 6	0 40	9 49	1 50	25 5	11 0	14 11	13 49	27 49	14 15	2 38
T 17	19 5	9 43	4 12	23 23	1 34	16 55	6 35	18 5	4 25	15 53	0 51	13 51	1 43	5 6	0 40	9 49	1 50	25 4	11 0	14 11	13 50	27 49	14 15	2 38
W18	18 50	15 24	4 49	23 11	1 38	16 58	6 32	18 13	4 26	15 54	0 50	13 53	1 43	5 5	0 40	9 49	1 50	25 4	11 0	14 11	13 51	27 49	14 15	2 38
T 19	18 35	20 27	5 11	22 59	1 42	17 0	6 29	18 21	4 28	15 55	0 50	13 55	1 43	5 5	0 41	9 49	1 50	25 3	11 0	14 11	13 52	27 49	14 15	2 38
F 20	18 19	24 29	5 15	22 45	1 46	17 3	6 26	18 29	4 29	15 56	0 50	13 56	1 44	5 5	0 41	9 49	1 50	25 3	11 0	14 11	13 53	27 48	14 16	2 38
S 21	18 3	27 4	5 0	22 29	1 50	17 6	6 23	18 37	4 29	15 57	0 49	13 58	1 44	5 5	0 41	9 49	1 50	25 2	11 0	14 11	13 54	27 48	14 16	2 38
S 22	17 47	27 52	4 25	22 12	1 53	17 9	6 19	18 45	4 30	15 59	0 49	14 0	1 44	5 5	0 41	9 49	1 50	25 2	11 0	14 12	13 55	27 48	14 16	2 38
M23	17 31	26 40	3 32	21 53	1 56	17 13	6 15	18 53	4 31	16 0	0 49	14 1	1 44	5 4	0 41	9 49	1 50	25 1	11 0	14 12	13 56	27 48	14 16	2 38
T 24	17 14	23 35	2 25	21 33	1 58	17 16	6 10	19 1	4 32	16 2	0 49	14 3	1 44	5 4	0 41	9 49	1 50	25 0	11 0	14 13	13 57	27 48	14 16	2 37
W25	16 57	18 58	1 8	21 11	2 0	17 20	6 6	19 9	4 32	16 3	0 48	14 5	1 44	5 4	0 41	9 49	1 50	25 0	11 0	14 13	13 58	27 48	14 17	2 37
T 26	16 39	13 17	0s12	20 48	2 2	17 24	6 1	19 17	4 32	16 5	0 48	14 6	1 44	5 3	0 41	9 49	1 50	24 59	11 0	14 13	13 59	27 47	14 17	2 37
F 27	16 22	7 1	1 30	20 23	2 3	17 27	5 56	19 25	4 33	16 6	0 48	14 8	1 45	5 3	0 41	9 49	1 50	24 59	11 0	14 13	14 0	27 47	14 17	2 37
S 28	16 4	0 35	2 40	19 57	2 4	17 31	5 51	19 33	4 33	16 8	0 48	14 10	1 45	5 3	0 41	9 49	1 51	24 58	11 0	14 13	14 1	27 47	14 17	2 37
S 29	15 45	5s40	3 40	19 29	2 5	17 35	5 46	19 40	4 33	16 10	0 47	14 12	1 45	5 2	0 41	9 49	1 51	24 58	11 0	14 12	14 3	27 47	14 18	2 37
M30	15 27	11 30	4 26	19 0	2 5	17 39	5 40	19 48	4 33	16 12	0 47	14 13	1 45	5 2	0 41	9 49	1 51	24 57	11 0	14 12	14 4	27 47	14 18	2 37
T 31	15s 8	16s41	4s57	18s28	2s 5	17s42	5n34	19n55	4n33	16n13	0s47	14n15	1n45	5s 1	0n41	9s49	1n51	24s57	11s 0	14s12	14s 5	27s46	14n18	2s37

Julian Day Number = 2196248.5, Delta T = 10m23s
Ecliptic obliquity = 23°31'55, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 14°59'30, Lahiri = 14°06'30 Julian Calendar 1 Jan. 1301 == Greg. Calendar 9 Jan. 1301

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ASTRODIENST EPHEMERIS for the year 1301
geocentric

FEBRUARY 1301 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	9 14 53	20♒10'44	13♏51	16♒28	8♉54	17°R17	17♉ 4	26°R47	14°R15	0°R 3	21♒ 0	22♒ 5	22♒25	25♐29	16♉27	W 1
T 2	9 18 49	21°11'12	25°57	18°15	9°31	16♌53	17°10	26♌42	14♎14	0♏ 3	21° 2	22°R 5	22°22	25°36	16°28	T 2
F 3	9 22 46	22°11'39	7♐54	20° 4	10° 8	16°29	17°16	26°37	14°13	0° 3	21° 4	22°D 5	22°19	25°43	16°29	F 3
S 4	9 26 42	23°12'04	19°45	21°53	10°48	16° 6	17°22	26°32	14°12	0° 2	21° 5	22° 5	22°16	25°49	16°30	S 4
S 5	9 30 39	24°12'28	1♑35	23°43	11°28	15°43	17°29	26°28	14°10	0° 2	21° 7	22° 5	22°12	25°56	16°31	S 5
M 6	9 34 35	25°12'50	13°29	25°34	12° 9	15°20	17°35	26°23	14° 9	0° 1	21° 9	22° 6	22° 9	26° 3	16°33	M 6
T 7	9 38 32	26°13'11	25°30	27°26	12°51	14°57	17°42	26°18	14° 8	0° 1	21°10	22° 6	22° 6	26° 9	16°34	T 7
W 8	9 42 29	27°13'30	7♒40	29°19	13°35	14°34	17°49	26°13	14° 6	0° 0	21°12	22° 6	22° 3	26°16	16°36	W 8
T 9	9 46 25	28°13'48	20° 1	1♓12	14°19	14°12	17°56	26° 8	14° 5	29♎59	21°14	22°R 7	22° 0	26°23	16°37	T 9
F 10	9 50 22	29°14'03	2♓36	3° 7	15° 5	13°51	18° 3	26° 3	14° 3	29°59	21°16	22° 6	21°56	26°30	16°39	F 10
S 11	9 54 18	0♓14'17	15°25	5° 1	15°51	13°30	18°10	25°59	14° 2	29°59	21°17	22° 6	21°53	26°36	16°40	S 11
S 12	9 58 15	1°14'29	28°27	6°56	16°38	13° 9	18°17	25°54	14° 0	29°58	21°19	22° 5	21°50	26°43	16°42	S 12
M13	10 2 11	2°14'39	11♈44	8°52	17°26	12°49	18°25	25°49	13°58	29°57	21°21	22° 4	21°47	26°50	16°44	M13
T 14	10 6 8	3°14'47	25°13	10°48	18°15	12°30	18°33	25°44	13°57	29°57	21°22	22° 2	21°44	26°56	16°46	T 14
W15	10 10 4	4°14'52	8♉55	12°43	19° 5	12°11	18°41	25°40	13°55	29°56	21°24	22° 1	21°41	27° 3	16°48	W15
T 16	10 14 1	5°14'56	22°48	14°39	19°55	11°53	18°48	25°35	13°53	29°55	21°26	22° 0	21°37	27°10	16°50	T 16
F 17	10 17 58	6°14'58	6♊51	16°33	20°46	11°35	18°57	25°30	13°51	29°54	21°27	22°D 0	21°34	27°16	16°52	F 17
S 18	10 21 54	7°14'57	21° 3	18°27	21°38	11°18	19° 5	25°25	13°49	29°54	21°29	22° 0	21°31	27°23	16°54	S 18
S 19	10 25 51	8°14'54	5♋21	20°20	22°30	11° 2	19°13	25°21	13°47	29°53	21°31	22° 1	21°28	27°30	16°56	S 19
M20	10 29 47	9°14'49	19°44	22°11	23°23	10°46	19°22	25°16	13°46	29°52	21°32	22° 2	21°25	27°37	16°58	M20
T 21	10 33 44	10°14'41	4♌ 6	24° 0	24°17	10°31	19°31	25°12	13°44	29°51	21°34	22° 3	21°22	27°43	17° 1	T 21
W22	10 37 40	11°14'32	18°25	25°47	25°11	10°17	19°39	25° 7	13°42	29°50	21°35	22°R 4	21°18	27°50	17° 3	W22
T 23	10 41 37	12°14'20	2♍35	27°31	26° 6	10° 4	19°48	25° 3	13°39	29°49	21°37	22° 4	21°15	27°57	17° 5	T 23
F 24	10 45 33	13°14'06	16°32	29°11	27° 1	9°51	19°57	24°58	13°37	29°48	21°39	22° 2	21°12	28° 3	17° 8	F 24
S 25	10 49 30	14°13'50	0♎13	0♈48	27°57	9°39	20° 6	24°54	13°35	29°47	21°40	22° 0	21° 9	28°10	17°10	S 25
S 26	10 53 27	15°13'32	13°35	2°20	28°53	9°28	20°16	24°49	13°33	29°46	21°42	21°57	21° 6	28°17	17°13	S 26
M27	10 57 23	16°13'13	26°36	3°47	29°50	9°18	20°25	24°45	13°31	29°45	21°43	21°53	21° 2	28°23	17°16	M27
T 28	11 1 20	17♓12'51	9♏18	5♈ 9	0♒48	9♌ 8	20♉35	24♌41	13♎29	29♎44	21♒45	21♒49	20♒59	28♐30	17♉18	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	14s49	21s 3	5s14	17s56	2s 4	17s46	5n29	20n 2	4n33	16n15	0s47	14n17	1n45	5s 1	0n41	9s48	1n51	24s56	11s 0	14s12	14s 6	27s46	14n19	2s37
T 2	14 30	24 26	5 17	17 21	2 3	17 49	5 23	20 9	4 32	16 17	0 46	14 19	1 45	5 0	0 41	9 48	1 51	24 56	11 0	14 12	14 7	27 46	14 19	2 37
F 3	14 10	26 44	5 5	16 46	2 1	17 53	5 17	20 16	4 32	16 19	0 46	14 20	1 45	5 0	0 41	9 48	1 51	24 55	11 0	14 12	14 8	27 46	14 20	2 37
S 4	13 50	27 48	4 41	16 8	1 59	17 56	5 11	20 23	4 31	16 21	0 46	14 22	1 45	4 59	0 41	9 48	1 51	24 54	11 0	14 12	14 9	27 45	14 20	2 37
S 5	13 30	27 36	4 5	15 29	1 56	17 59	5 5	20 29	4 31	16 23	0 46	14 24	1 46	4 59	0 41	9 48	1 51	24 54	11 0	14 12	14 10	27 45	14 21	2 36
M 6	13 10	26 8	3 18	14 49	1 53	18 1	4 58	20 36	4 30	16 25	0 45	14 26	1 46	4 58	0 41	9 47	1 51	24 53	11 0	14 12	14 11	27 45	14 21	2 36
T 7	12 50	23 27	2 22	14 7	1 49	18 4	4 52	20 42	4 29	16 27	0 45	14 27	1 46	4 58	0 41	9 47	1 51	24 53	11 0	14 12	14 12	27 44	14 21	2 36
W 8	12 29	19 42	1 19	13 23	1 44	18 6	4 46	20 47	4 28	16 29	0 45	14 29	1 46	4 57	0 41	9 47	1 51	24 52	11 0	14 12	14 13	27 44	14 22	2 36
T 9	12 8	15 3	0 12	12 38	1 39	18 8	4 39	20 53	4 27	16 31	0 45	14 31	1 46	4 57	0 41	9 47	1 51	24 52	11 1	14 12	14 14	27 44	14 22	2 36
F 10	11 47	9 41	0n58	11 52	1 34	18 9	4 33	20 58	4 26	16 34	0 44	14 32	1 46	4 56	0 41	9 46	1 51	24 51	11 1	14 12	14 15	27 44	14 23	2 36
S 11	11 26	3 50	2 6	11 4	1 28	18 11	4 26	21 3	4 24	16 36	0 44	14 34	1 46	4 55	0 41	9 46	1 51	24 51	11 1	14 12	14 16	27 43	14 24	2 36
S 12	11 4	2n15	3 8	10 15	1 21	18 12	4 20	21 8	4 23	16 38	0 44	14 36	1 46	4 55	0 41	9 46	1 51	24 50	11 1	14 12	14 17	27 43	14 24	2 36
M13	10 43	8 21	4 1	9 25	1 14	18 12	4 13	21 12	4 22	16 41	0 44	14 38	1 46	4 54	0 41	9 46	1 51	24 50	11 1	14 13	14 18	27 43	14 25	2 36
T 14	10 21	14 10	4 42	8 34	1 6	18 13	4 6	21 16	4 20	16 43	0 44	14 39	1 46	4 53	0 41	9 45	1 52	24 50	11 1	14 13	14 19	27 42	14 25	2 36
W15	9 59	19 23	5 8	7 41	0 57	18 13	4 0	21 20	4 18	16 45	0 43	14 41	1 46	4 53	0 41	9 45	1 52	24 49	11 1	14 13	14 20	27 42	14 26	2 36
T 16	9 37	23 38	5 16	6 48	0 48	18 12	3 53	21 24	4 17	16 48	0 43	14 43	1 46	4 52	0 41	9 45	1 52	24 49	11 1	14 14	14 21	27 41	14 27	2 36
F 17	9 15	26 33	5 6	5 55	0 38	18 11	3 47	21 27	4 15	16 50	0 43	14 44	1 46	4 51	0 41	9 44	1 52	24 48	11 1	14 14	14 22	27 41	14 27	2 36
S 18	8 53	27 50	4 37	5 1	0 28	18 10	3 40	21 30	4 13	16 53	0 43	14 46	1 46	4 50	0 41	9 44	1 52	24 48	11 1	14 14	14 23	27 41	14 28	2 35
S 19	8 31	27 15	3 50	4 6	0 17	18 8	3 33	21 33	4 11	16 55	0 42	14 47	1 46	4 50	0 41	9 44	1 52	24 47	11 2	14 13	14 24	27 40	14 29	2 35
M20	8 8	24 52	2 49	3 12	0 5	18 6	3 27	21 36	4 9	16 58	0 42	14 49	1 46	4 49	0 41	9 43	1 52	24 47	11 2	14 13	14 25	27 40	14 29	2 35
T 21	7 45	20 53	1 38	2 18	0n 6	18 4	3 20	21 38	4 7	17 0	0 42	14 51	1 47	4 48	0 41	9 43	1 52	24 46	11 2	14 13	14 26	27 40	14 30	2 35
W22	7 23	15 41	0 20	1 24	0 19	18 1	3 13	21 40	4 5	17 3	0 42	14 52	1 47	4 47	0 41	9 43	1 52	24 46	11 2	14 12	14 27	27 39	14 31	2 35
T 23	7 0	9 42	0s58	0 31	0 31	17 57	3 7	21 42	4 3	17 5	0 42	14 54	1 47	4 46	0 41	9 42	1 52	24 46	11 2	14 13	14 28	27 39	14 31	2 35
F 24	6 37	3 20	2 11	0n21	0 44	17 54	3 0	21 43	4 1	17 8	0 41	14 55	1 47	4 46	0 41	9 42	1 52	24 45	11 2	14 13	14 29	27 38	14 32	2 35
S 25	6 14	3s 4	3 15	1 12	0 57	17 49	2 53	21 44	3 59	17 11	0 41	14 57	1 47	4 45	0 41	9 41	1 52	24 45	11 2	14 14	14 30	27 38	14 33	2 35
S 26	5 51	9 10	4 7	2 0	1 10	17 44	2 47	21 45	3 57	17 13	0 41	14 58	1 47	4 44	0 41	9 41	1 52	24 44	11 3	14 15	14 31	27 37	14 34	2 35
M27	5 27	14 42	4 44	2 47	1 24	17 39	2 40	21 46	3 55	17 16	0 41	15 0	1 47	4 43	0 41	9 41	1 52	24 44	11 3	14 16	14 32	27 37	14 34	2 35
T 28	5s 4	19s29	5s 6	3n32	1n37	17s33	2n34	21n46	3n53	17n19	0s41	15n 1	1n47	4s42	0n41	9s40	1n52	24s44	11s 3	14s17	14s33	27s37	14n35	2s35

Julian Day Number = 2196279.5, Delta T = 10m22s
Ecliptic obliquity = 23°31'55, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 14°59'34, Lahiri = 14°06'34 Julian Calendar 1 Feb. 1301 == Greg. Calendar 9 Feb. 1301

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ASTRODIENST EPHEMERIS for the year 1301
geocentric

MARCH 1301 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	11 5 16	18♓12'28	21♏42	6♈26	1♒45	9°R 0	20♉44	24°R37	13°R27	29°R43	21♒47	21°R46	20♒56	28♐37	17♉21	W 1
T 2	11 9 13	19°12'03	3♐51	7°36	2°44	8♌52	20°54	24♌32	13♎24	29♎42	21°48	21♒43	20°53	28°44	17°24	T 2
F 3	11 13 9	20°11'36	15°49	8°39	3°42	8°45	21° 4	24°28	13°22	29°41	21°50	21°D42	20°50	28°50	17°27	F 3
S 4	11 17 6	21°11'08	27°41	9°36	4°41	8°38	21°14	24°24	13°20	29°39	21°51	21°42	20°47	28°57	17°29	S 4
S 5	11 21 2	22°10'37	9♑32	10°25	5°41	8°33	21°24	24°20	13°17	29°38	21°53	21°44	20°43	29° 4	17°32	S 5
M 6	11 24 59	23°10'05	21°27	11° 7	6°41	8°28	21°34	24°16	13°15	29°37	21°54	21°45	20°40	29°10	17°35	M 6
T 7	11 28 56	24° 9'31	3♒30	11°42	7°41	8°24	21°45	24°12	13°13	29°36	21°56	21°47	20°37	29°17	17°38	T 7
W 8	11 32 52	25° 8'55	15°45	12° 9	8°42	8°20	21°55	24° 9	13°10	29°34	21°57	21°R48	20°34	29°24	17°41	W 8
T 9	11 36 49	26° 8'17	28°17	12°28	9°43	8°18	22° 5	24° 5	13° 8	29°33	21°59	21°48	20°31	29°30	17°45	T 9
F 10	11 40 45	27° 7'37	11♓ 7	12°40	10°44	8°16	22°16	24° 1	13° 6	29°32	22° 0	21°46	20°27	29°37	17°48	F 10
S 11	11 44 42	28° 6'56	24°16	12°R44	11°45	8°15	22°27	23°58	13° 3	29°31	22° 1	21°43	20°24	29°44	17°51	S 11
S 12	11 48 38	29° 6'12	7♈43	12°41	12°47	8°D15	22°38	23°54	13° 1	29°29	22° 3	21°38	20°21	29°50	17°54	S 12
M13	11 52 35	0♈ 5'26	21°26	12°30	13°49	8°15	22°48	23°51	12°58	29°28	22° 4	21°32	20°18	29°57	17°57	M13
T 14	11 56 31	1° 4'37	5♉23	12°13	14°52	8°16	22°59	23°47	12°56	29°26	22° 6	21°26	20°15	0♑ 4	18° 1	T 14
W15	12 0 28	2° 3'47	19°28	11°50	15°55	8°18	23°11	23°44	12°53	29°25	22° 7	21°20	20°12	0°11	18° 4	W15
T 16	12 4 24	3° 2'55	3♊39	11°21	16°58	8°21	23°22	23°41	12°51	29°24	22° 8	21°15	20° 8	0°17	18° 8	T 16
F 17	12 8 21	4° 2'00	17°52	10°47	18° 1	8°24	23°33	23°38	12°48	29°22	22°10	21°12	20° 5	0°24	18°11	F 17
S 18	12 12 18	5° 1'02	2♋ 4	10° 9	19° 4	8°28	23°44	23°35	12°46	29°21	22°11	21°D11	20° 2	0°31	18°15	S 18
S 19	12 16 14	6° 0'03	16°12	9°27	20° 8	8°33	23°56	23°32	12°43	29°19	22°12	21°11	19°59	0°37	18°18	S 19
M20	12 20 11	6°59'01	0♌16	8°43	21°12	8°39	24° 7	23°29	12°40	29°18	22°14	21°12	19°56	0°44	18°22	M20
T 21	12 24 7	7°57'56	14°14	7°57	22°16	8°45	24°19	23°26	12°38	29°16	22°15	21°R13	19°53	0°51	18°25	T 21
W22	12 28 4	8°56'50	28° 5	7°10	23°20	8°51	24°31	23°24	12°35	29°15	22°16	21°13	19°49	0°57	18°29	W22
T 23	12 32 0	9°55'41	11♍48	6°24	24°25	8°59	24°42	23°21	12°33	29°13	22°18	21°11	19°46	1° 4	18°33	T 23
F 24	12 35 57	10°54'29	25°20	5°38	25°30	9° 7	24°54	23°19	12°30	29°12	22°19	21° 7	19°43	1°11	18°37	F 24
S 25	12 39 53	11°53'16	8♎41	4°54	26°35	9°15	25° 6	23°16	12°28	29°10	22°20	21° 1	19°40	1°17	18°40	S 25
S 26	12 43 50	12°52'01	21°47	4°13	27°40	9°24	25°18	23°14	12°25	29° 9	22°21	20°53	19°37	1°24	18°44	S 26
M27	12 47 47	13°50'43	4♏38	3°35	28°45	9°34	25°30	23°12	12°22	29° 7	22°22	20°43	19°33	1°31	18°48	M27
T 28	12 51 43	14°49'24	17°14	3° 1	29°51	9°44	25°42	23°10	12°20	29° 6	22°23	20°33	19°30	1°37	18°52	T 28
W29	12 55 40	15°48'03	29°35	2°31	0♓57	9°55	25°54	23° 8	12°17	29° 4	22°25	20°24	19°27	1°44	18°56	W29
T 30	12 59 36	16°46'41	11♐43	2° 5	2° 2	10° 7	26° 7	23° 6	12°15	29° 2	22°26	20°17	19°24	1°51	19° 0	T 30
F 31	13 3 33	17♈45'16	23♐41	1♈44	3♓ 9	10♌19	26♉19	23♌ 4	12♎12	29♎ 1	22♒27	20♒12	19♒21	1♑58	19♉ 4	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	4s41	23s18	5s14	4n14	1n49	17s27	2n27	21n47	3n50	17n22	0s40	15n 3	1n47	4s41	0n41	9s40	1n52	24s43	11s 3	14s18	14s34	27s36	14n36	2s35
T 2	4 17	26 1	5 7	4 53	2 2	17 20	2 21	21 46	3 48	17 24	0 40	15 4	1 47	4 41	0 41	9 39	1 52	24 43	11 3	14 19	14 35	27 36	14 37	2 35
F 3	3 54	27 31	4 47	5 30	2 14	17 13	2 14	21 46	3 46	17 27	0 40	15 5	1 47	4 40	0 41	9 39	1 52	24 42	11 3	14 20	14 36	27 35	14 38	2 35
S 4	3 30	27 45	4 14	6 3	2 25	17 5	2 8	21 46	3 43	17 30	0 40	15 7	1 47	4 39	0 41	9 38	1 52	24 42	11 4	14 19	14 37	27 35	14 39	2 35
S 5	3 7	26 42	3 31	6 32	2 36	16 57	2 2	21 45	3 41	17 33	0 40	15 8	1 47	4 38	0 41	9 38	1 52	24 42	11 4	14 19	14 38	27 34	14 39	2 35
M 6	2 43	24 25	2 39	6 58	2 46	16 49	1 56	21 44	3 39	17 36	0 39	15 9	1 47	4 37	0 41	9 37	1 53	24 41	11 4	14 19	14 39	27 34	14 40	2 35
T 7	2 20	21 3	1 38	7 20	2 55	16 39	1 49	21 43	3 36	17 38	0 39	15 11	1 47	4 36	0 41	9 37	1 53	24 41	11 4	14 18	14 40	27 33	14 41	2 34
W 8	1 56	16 42	0 33	7 38	3 3	16 30	1 43	21 41	3 34	17 41	0 39	15 12	1 47	4 35	0 42	9 37	1 53	24 41	11 4	14 18	14 42	27 33	14 42	2 34
T 9	1 32	11 34	0n35	7 52	3 10	16 20	1 37	21 40	3 32	17 44	0 39	15 13	1 46	4 34	0 42	9 36	1 53	24 40	11 4	14 18	14 43	27 32	14 43	2 34
F 10	1 9	5 50	1 43	8 2	3 16	16 9	1 31	21 38	3 29	17 47	0 39	15 14	1 46	4 33	0 42	9 36	1 53	24 40	11 5	14 18	14 44	27 32	14 44	2 34
S 11	0 45	0n16	2 47	8 7	3 20	15 58	1 25	21 36	3 27	17 50	0 38	15 15	1 46	4 32	0 42	9 35	1 53	24 40	11 5	14 19	14 45	27 31	14 45	2 34
S 12	0 21	6 30	3 44	8 9	3 23	15 46	1 19	21 34	3 25	17 53	0 38	15 17	1 46	4 31	0 42	9 35	1 53	24 40	11 5	14 21	14 46	27 30	14 46	2 34
M13	0n 2	12 32	4 28	8 6	3 25	15 34	1 13	21 31	3 22	17 56	0 38	15 18	1 46	4 30	0 42	9 34	1 53	24 39	11 5	14 23	14 47	27 30	14 47	2 34
T 14	0 26	18 2	4 58	7 59	3 25	15 22	1 8	21 29	3 20	17 59	0 38	15 19	1 46	4 29	0 42	9 34	1 53	24 39	11 6	14 25	14 48	27 29	14 48	2 34
W15	0 49	22 37	5 9	7 48	3 23	15 9	1 2	21 26	3 17	18 2	0 38	15 20	1 46	4 28	0 42	9 33	1 53	24 39	11 6	14 27	14 49	27 29	14 49	2 34
T 16	1 13	25 55	5 2	7 34	3 19	14 55	0 56	21 23	3 15	18 5	0 38	15 21	1 46	4 27	0 42	9 32	1 53	24 39	11 6	14 28	14 50	27 28	14 50	2 34
F 17	1 37	27 34	4 37	7 15	3 14	14 41	0 51	21 20	3 13	18 8	0 37	15 22	1 46	4 26	0 42	9 32	1 53	24 38	11 6	14 29	14 51	27 28	14 51	2 34
S 18	2 0	27 25	3 54	6 54	3 7	14 27	0 45	21 17	3 10	18 11	0 37	15 23	1 46	4 25	0 42	9 31	1 53	24 38	11 6	14 30	14 52	27 27	14 52	2 34
S 19	2 24	25 29	2 58	6 30	2 59	14 12	0 40	21 13	3 8	18 14	0 37	15 24	1 46	4 24	0 42	9 31	1 53	24 38	11 7	14 30	14 53	27 26	14 53	2 34
M20	2 47	21 59	1 51	6 3	2 49	13 57	0 34	21 9	3 6	18 17	0 37	15 25	1 46	4 23	0 42	9 30	1 53	24 38	11 7	14 29	14 54	27 26	14 54	2 34
T 21	3 10	17 14	0 38	5 35	2 38	13 41	0 29	21 6	3 4	18 20	0 37	15 25	1 46	4 22	0 42	9 30	1 53	24 37	11 7	14 29	14 55	27 25	14 55	2 34
W22	3 34	11 37	0s37	5 4	2 25	13 25	0 24	21 2	3 1	18 23	0 37	15 26	1 46	4 21	0 42	9 29	1 53	24 37	11 7	14 29	14 56	27 25	14 56	2 34
T 23	3 57	5 30	1 49	4 33	2 11	13 8	0 19	20 57	2 59	18 26	0 36	15 27	1 46	4 20	0 42	9 29	1 53	24 37	11 8	14 29	14 57	27 24	14 57	2 34
F 24	4 20	0s47	2 53	4 2	1 57	12 51	0 14	20 53	2 57	18 29	0 36	15 28	1 46	4 19	0 42	9 28	1 53	24 37	11 8	14 31	14 58	27 23	14 58	2 34
S 25	4 43	6 55	3 47	3 30	1 41	12 34	0 9	20 49	2 55	18 32	0 36	15 29	1 46	4 18	0 42	9 28	1 53	24 37	11 8	14 33	14 59	27 23	14 59	2 34
S 26	5 6	12 39	4 28	2 59	1 25	12 16	0 4	20 44	2 52	18 35	0 36	15 29	1 46	4 17	0 42	9 27	1 53	24 37	11 8	14 36	15 0	27 22	15 0	2 34
M27	5 29	17 43	4 54	2 29	1 9	11 58	0s 1	20 39	2 50	18 38	0 36	15 30	1 45	4 16	0 42	9 26	1 53	24 36	11 9	14 39	15 1	27 21	15 1	2 34
T 28	5 52	21 55	5 5	2 0	0 53	11 40	0 6	20 34	2 48	18 41	0 36	15 30	1 45	4 15	0 42	9 26	1 53	24 36	11 9	14 42	15 2	27 21	15 2	2 34
W29	6 14	25 3	5 2	1 33	0 36	11 21	0 10	20 29	2 46	18 44	0 35	15 31	1 45	4 14	0 42	9 25	1 53	24 36	11 9	14 44	15 3	27 20	15 3	2 34
T 30	6 37	26 59	4 45	1 8	0 20	11 1	0 15	20 24	2 44	18 47	0 35	15 32	1 45	4 13	0 42	9 25	1 53	24 36	11 9	14 47	15 4	27 19	15 4	2 34
F 31	7n 0	27s38	4s15	0n45	0n 4	10s42	0s19	20n19	2n42	18n50	0s35	15n32	1n45	4s12	0n41	9s24	1n53	24s36	11s10	14s49	15s 5	27s19	15n 5	2s34

Julian Day Number = 2196307.5, Delta T = 10m22s
Ecliptic obliquity = 23°31'56, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 14°59'38, Lahiri = 14°06'38 Julian Calendar 1 March 1301 == Greg. Calendar 9 March 1301

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ASTRODIENST EPHEMERIS for the year 1301
geocentric

APRIL 1301 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	13 7 29	18♈43'50	5♉32	1°R29	4♓15	10♌31	26♉31	23°R 2	12°R10	28°R59	22♒28	20°R 9	19♒18	2♉ 4	19♉ 8	S 1
S 2	13 11 26	19°42'22	17°23	1♈18	5°21	10°44	26°44	23♌ 1	12♎ 7	28♎58	22°29	20°D 8	19°14	2°11	19°12	S 2
M 3	13 15 22	20°40'53	29°17	1°12	6°28	10°58	26°56	22°59	12° 5	28°56	22°30	20♒ 8	19°11	2°18	19°16	M 3
T 4	13 19 19	21°39'22	11♒20	1°D12	7°34	11°12	27° 9	22°58	12° 2	28°54	22°31	20° 9	19° 8	2°24	19°20	T 4
W 5	13 23 16	22°37'49	23°37	1°16	8°41	11°26	27°21	22°57	12° 0	28°53	22°32	20°R 9	19° 5	2°31	19°24	W 5
T 6	13 27 12	23°36'14	6♓13	1°26	9°48	11°41	27°34	22°55	11°57	28°51	22°33	20° 8	19° 2	2°38	19°28	T 6
F 7	13 31 9	24°34'38	19°12	1°40	10°55	11°56	27°47	22°54	11°54	28°50	22°34	20° 4	18°59	2°44	19°32	F 7
S 8	13 35 5	25°33'00	2♈34	1°59	12° 3	12°12	28° 0	22°53	11°52	28°48	22°35	19°58	18°55	2°51	19°36	S 8
S 9	13 39 2	26°31'20	16°21	2°22	13°10	12°29	28°12	22°52	11°50	28°46	22°36	19°50	18°52	2°58	19°41	S 9
M10	13 42 58	27°29'39	0♉28	2°50	14°18	12°46	28°25	22°52	11°47	28°45	22°37	19°40	18°49	3° 4	19°45	M10
T 11	13 46 55	28°27'56	14°52	3°22	15°25	13° 3	28°38	22°51	11°45	28°43	22°37	19°29	18°46	3°11	19°49	T 11
W12	13 50 51	29°26'11	29°25	3°58	16°33	13°21	28°51	22°50	11°42	28°41	22°38	19°19	18°43	3°18	19°53	W12
T 13	13 54 48	0♉24'24	14♊ 1	4°38	17°41	13°39	29° 4	22°50	11°40	28°40	22°39	19°11	18°39	3°24	19°58	T 13
F 14	13 58 45	1°22'35	28°33	5°21	18°49	13°57	29°17	22°50	11°37	28°38	22°40	19° 5	18°36	3°31	20° 2	F 14
S 15	14 2 41	2°20'44	12♋56	6° 8	19°57	14°16	29°31	22°49	11°35	28°36	22°41	19° 1	18°33	3°38	20° 6	S 15
S 16	14 6 38	3°18'51	27° 7	6°59	21° 5	14°35	29°44	22°49	11°33	28°35	22°41	19° 0	18°30	3°45	20°11	S 16
M17	14 10 34	4°16'57	11♌ 6	7°52	22°13	14°55	29°57	22°D49	11°30	28°33	22°42	19° 0	18°27	3°51	20°15	M17
T 18	14 14 31	5°14'59	24°51	8°49	23°21	15°15	0♊10	22°49	11°28	28°32	22°43	19° 0	18°24	3°58	20°19	T 18
W19	14 18 27	6°13'00	8♍23	9°49	24°30	15°35	0°23	22°49	11°26	28°30	22°44	18°59	18°20	4° 5	20°24	W19
T 20	14 22 24	7°11'00	21°44	10°52	25°38	15°56	0°37	22°50	11°24	28°28	22°44	18°55	18°17	4°11	20°28	T 20
F 21	14 26 20	8° 8'57	4♎53	11°58	26°47	16°17	0°50	22°50	11°21	28°27	22°45	18°49	18°14	4°18	20°32	F 21
S 22	14 30 17	9° 6'52	17°51	13° 6	27°56	16°39	1° 4	22°50	11°19	28°25	22°45	18°40	18°11	4°25	20°37	S 22
S 23	14 34 14	10° 4'46	0♏38	14°17	29° 4	17° 1	1°17	22°51	11°17	28°24	22°46	18°29	18° 8	4°31	20°41	S 23
M24	14 38 10	11° 2'38	13°14	15°31	0♈13	17°23	1°30	22°52	11°15	28°22	22°47	18°16	18° 4	4°38	20°46	M24
T 25	14 42 7	12° 0'29	25°38	16°47	1°22	17°45	1°44	22°53	11°13	28°20	22°47	18° 3	18° 1	4°45	20°50	T 25
W26	14 46 3	12°58'18	7♐50	18° 6	2°31	18° 8	1°57	22°53	11°11	28°19	22°48	17°50	17°58	4°51	20°55	W26
T 27	14 50 0	13°56'06	19°53	19°27	3°40	18°31	2°11	22°54	11° 9	28°17	22°48	17°39	17°55	4°58	20°59	T 27
F 28	14 53 56	14°53'53	1♑48	20°50	4°50	18°54	2°25	22°56	11° 7	28°16	22°49	17°31	17°52	5° 5	21° 4	F 28
S 29	14 57 53	15°51'39	13°38	22°16	5°59	19°18	2°38	22°57	11° 5	28°14	22°49	17°25	17°49	5°11	21° 8	S 29
S 30	15 1 49	16♉49'23	25♑27	23♈44	7♈ 8	19♌42	2♊52	22♌58	11♎ 3	28♎13	22♒49	17♒22	17♒45	5♑18	21♉13	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	7n22	27s 0	3s35	0n24	0s12	10s21	0s24	20n13	2n39	18n53	0s35	15n33	1n45	4s11	0n41	9s24	1n53	24s36	11s10	14s49	15s 6	27s18	15n 6	2s34
S 2	7 44	25 8	2 46	0 6	0 27	10 1	0 28	20 8	2 37	18 56	0 35	15 33	1 45	4 10	0 41	9 23	1 53	24 36	11 10	14 50	15 7	27 17	15 7	2 34
M 3	8 6	22 10	1 49	0s10	0 42	9 40	0 32	20 2	2 35	18 59	0 35	15 33	1 45	4 9	0 41	9 22	1 53	24 36	11 11	14 50	15 8	27 16	15 8	2 34
T 4	8 28	18 12	0 47	0 23	0 56	9 19	0 36	19 56	2 33	19 2	0 34	15 34	1 45	4 8	0 41	9 22	1 53	24 35	11 11	14 50	15 9	27 16	15 9	2 34
W 5	8 50	13 24	0n19	0 34	1 10	8 58	0 40	19 50	2 31	19 5	0 34	15 34	1 45	4 7	0 41	9 21	1 53	24 35	11 11	14 49	15 10	27 15	15 11	2 34
T 6	9 12	7 57	1 25	0 41	1 22	8 36	0 44	19 44	2 29	19 8	0 34	15 34	1 45	4 6	0 41	9 21	1 53	24 35	11 11	14 50	15 11	27 14	15 12	2 34
F 7	9 34	2 1	2 28	0 47	1 34	8 14	0 48	19 38	2 27	19 11	0 34	15 35	1 45	4 5	0 41	9 20	1 53	24 35	11 12	14 51	15 12	27 13	15 13	2 34
S 8	9 55	4n10	3 26	0 49	1 46	7 52	0 52	19 31	2 25	19 14	0 34	15 35	1 44	4 4	0 41	9 19	1 53	24 35	11 12	14 53	15 13	27 13	15 14	2 34
S 9	10 16	10 20	4 13	0 50	1 56	7 29	0 55	19 25	2 23	19 17	0 34	15 35	1 44	4 4	0 41	9 19	1 53	24 35	11 12	14 55	15 14	27 12	15 15	2 34
M10	10 37	16 8	4 46	0 47	2 6	7 6	0 59	19 18	2 21	19 20	0 34	15 35	1 44	4 3	0 41	9 18	1 53	24 35	11 13	14 59	15 15	27 11	15 16	2 34
T 11	10 58	21 9	5 1	0 43	2 15	6 43	1 2	19 11	2 19	19 23	0 33	15 35	1 44	4 2	0 41	9 18	1 53	24 35	11 13	15 2	15 16	27 10	15 17	2 34
W12	11 19	24 56	4 58	0 36	2 23	6 20	1 5	19 5	2 18	19 26	0 33	15 36	1 44	4 1	0 41	9 17	1 53	24 35	11 13	15 5	15 17	27 10	15 18	2 34
T 13	11 40	27 7	4 35	0 27	2 30	5 56	1 9	18 58	2 16	19 29	0 33	15 36	1 44	4 0	0 41	9 17	1 53	24 35	11 14	15 8	15 18	27 9	15 19	2 34
F 14	12 0	27 25	3 54	0 16	2 37	5 32	1 12	18 50	2 14	19 32	0 33	15 36	1 44	3 59	0 41	9 16	1 53	24 35	11 14	15 10	15 18	27 8	15 21	2 34
S 15	12 20	25 52	2 59	0 2	2 42	5 8	1 15	18 43	2 12	19 35	0 33	15 36	1 44	3 58	0 41	9 15	1 53	24 35	11 14	15 11	15 19	27 7	15 22	2 34
S 16	12 40	22 40	1 53	0n13	2 48	4 44	1 18	18 36	2 10	19 38	0 33	15 36	1 44	3 57	0 41	9 15	1 53	24 35	11 15	15 11	15 20	27 6	15 23	2 34
M17	13 0	18 11	0 42	0 30	2 52	4 20	1 20	18 28	2 8	19 41	0 33	15 35	1 43	3 56	0 41	9 14	1 53	24 35	11 15	15 11	15 21	27 5	15 24	2 34
T 18	13 19	12 48	0s31	0 49	2 56	3 55	1 23	18 20	2 7	19 44	0 33	15 35	1 43	3 55	0 41	9 14	1 53	24 35	11 15	15 11	15 22	27 5	15 25	2 34
W19	13 39	6 54	1 41	1 10	2 58	3 30	1 26	18 13	2 5	19 47	0 32	15 35	1 43	3 54	0 41	9 13	1 53	24 35	11 15	15 11	15 23	27 4	15 26	2 34
T 20	13 58	0 47	2 44	1 33	3 1	3 5	1 28	18 5	2 3	19 50	0 32	15 35	1 43	3 54	0 41	9 13	1 53	24 36	11 16	15 13	15 24	27 3	15 27	2 34
F 21	14 17	5s16	3 37	1 57	3 2	2 40	1 31	17 57	2 1	19 53	0 32	15 35	1 43	3 53	0 41	9 12	1 53	24 36	11 16	15 14	15 25	27 2	15 28	2 34
S 22	14 35	11 0	4 18	2 23	3 3	2 15	1 33	17 48	2 0	19 56	0 32	15 35	1 43	3 52	0 41	9 11	1 53	24 36	11 16	15 17	15 26	27 1	15 29	2 35
S 23	14 54	16 12	4 46	2 50	3 3	1 49	1 35	17 40	1 58	19 59	0 32	15 34	1 43	3 51	0 41	9 11	1 53	24 36	11 17	15 21	15 27	27 0	15 31	2 35
M24	15 12	20 37	4 59	3 19	3 3	1 24	1 37	17 32	1 56	20 1	0 32	15 34	1 43	3 50	0 41	9 10	1 53	24 36	11 17	15 25	15 28	26 59	15 32	2 35
T 25	15 30	24 3	4 57	3 49	3 2	0 58	1 39	17 23	1 55	20 4	0 32	15 34	1 43	3 49	0 41	9 10	1 53	24 36	11 17	15 29	15 29	26 59	15 33	2 35
W26	15 48	26 20	4 42	4 21	3 0	0 32	1 41	17 15	1 53	20 7	0 32	15 33	1 42	3 49	0 41	9 9	1 53	24 36	11 18	15 33	15 30	26 58	15 34	2 35
T 27	16 5	27 22	4 15	4 54	2 58	0 6	1 43	17 6	1 51	20 10	0 31	15 33	1 42	3 48	0 41	9 9	1 53	24 36	11 18	15 36	15 31	26 57	15 35	2 35
F 28	16 22	27 7	3 36	5 28	2 55	0n20	1 45	16 57	1 50	20 13	0 31	15 32	1 42	3 47	0 41	9 8	1 53	24 36	11 18	15 39	15 32	26 56	15 36	2 35
S 29	16 39	25 37	2 48	6 3	2 51	0 46	1 46	16 48	1 48	20 15	0 31	15 32	1 42	3 46	0 41	9 8	1 53	24 37	11 19	15 40	15 33	26 55	15 37	2 35
S 30	16n56	22s59	1s53	6n40	2s47	1n12	1s48	16n39	1n47	20n18	0s31	15n31	1n42	3s46	0n41	9s 7	1n53	24s37	11s19	15s41	15s34	26s54	15n38	2s35

Julian Day Number = 2196338.5, Delta T = 10m22s
Ecliptic obliquity = 23°31'55, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 14°59'42, Lahiri = 14°06'42 Julian Calendar 1 Apr. 1301 == Greg. Calendar 9 Apr. 1301

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ASTRODIENST EPHEMERIS for the year 1301
geocentric

MAY 1301 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	15 5 46	17♉47'06	7♒19	25♈15	8♈18	20♌ 6	3♊ 5	23♌ 0	11°R 1	28°R11	22♒50	17°R21	17♒42	5♑25	21♉17	M 1
T 2	15 9 43	18°44'48	19°21	26°47	9°27	20°31	3°19	23° 1	10♎59	28♎10	22°50	17♒21	17°39	5°31	21°22	T 2
W 3	15 13 39	19°42'29	1♓37	28°22	10°37	20°55	3°33	23° 3	10°57	28° 8	22°51	17°21	17°36	5°38	21°26	W 3
T 4	15 17 36	20°40'09	14°13	29°59	11°46	21°20	3°46	23° 4	10°55	28° 7	22°51	17°19	17°33	5°45	21°31	T 4
F 5	15 21 32	21°37'47	27°13	1♉39	12°56	21°46	4° 0	23° 6	10°54	28° 5	22°51	17°16	17°30	5°51	21°35	F 5
S 6	15 25 29	22°35'25	10♈40	3°21	14° 6	22°11	4°14	23° 8	10°52	28° 4	22°51	17°10	17°26	5°58	21°40	S 6
S 7	15 29 25	23°33'02	24°35	5° 4	15°16	22°37	4°28	23°10	10°50	28° 2	22°52	17° 1	17°23	6° 5	21°44	S 7
M 8	15 33 22	24°30'37	8♉56	6°51	16°26	23° 3	4°41	23°12	10°49	28° 1	22°52	16°51	17°20	6°11	21°49	M 8
T 9	15 37 18	25°28'12	23°38	8°39	17°36	23°30	4°55	23°15	10°47	27°59	22°52	16°40	17°17	6°18	21°53	T 9
W10	15 41 15	26°25'45	8♊33	10°30	18°46	23°56	5° 9	23°17	10°46	27°58	22°52	16°29	17°14	6°25	21°58	W10
T 11	15 45 12	27°23'18	23°32	12°22	19°56	24°23	5°23	23°19	10°44	27°57	22°52	16°20	17°10	6°32	22° 2	T 11
F 12	15 49 8	28°20'49	8♋26	14°17	21° 6	24°50	5°37	23°22	10°43	27°55	22°52	16°13	17° 7	6°38	22° 7	F 12
S 13	15 53 5	29°18'19	23° 8	16°14	22°16	25°17	5°51	23°24	10°41	27°54	22°53	16°10	17° 4	6°45	22°11	S 13
S 14	15 57 1	0♊15'47	7♌31	18°14	23°26	25°45	6° 4	23°27	10°40	27°53	22°53	16° 8	17° 1	6°52	22°16	S 14
M15	16 0 58	1°13'15	21°35	20°15	24°36	26°13	6°18	23°30	10°38	27°51	22°53	16°D 8	16°58	6°58	22°20	M15
T 16	16 4 54	2°10'40	5♍19	22°18	25°47	26°40	6°32	23°33	10°37	27°50	22°R53	16°R 8	16°55	7° 5	22°25	T 16
W17	16 8 51	3° 8'05	18°44	24°22	26°57	27° 9	6°46	23°36	10°36	27°49	22°53	16° 7	16°51	7°12	22°29	W17
T 18	16 12 47	4° 5'28	1♎53	26°29	28° 8	27°37	7° 0	23°39	10°35	27°47	22°53	16° 4	16°48	7°18	22°34	T 18
F 19	16 16 44	5° 2'50	14°46	28°37	29°18	28° 6	7°14	23°42	10°34	27°46	22°53	15°59	16°45	7°25	22°38	F 19
S 20	16 20 41	6° 0'11	27°27	0♊46	0♉29	28°34	7°28	23°45	10°32	27°45	22°52	15°51	16°42	7°32	22°43	S 20
S 21	16 24 37	6°57'31	9♏57	2°56	1°39	29° 3	7°41	23°49	10°31	27°44	22°52	15°41	16°39	7°38	22°47	S 21
M22	16 28 34	7°54'51	22°17	5° 7	2°50	29°32	7°55	23°52	10°30	27°43	22°52	15°29	16°36	7°45	22°51	M22
T 23	16 32 30	8°52'09	4♐28	7°19	4° 0	0♍ 2	8° 9	23°56	10°29	27°41	22°52	15°17	16°32	7°52	22°56	T 23
W24	16 36 27	9°49'27	16°31	9°31	5°11	0°31	8°23	23°59	10°28	27°40	22°52	15° 6	16°29	7°58	23° 0	W24
T 25	16 40 23	10°46'44	28°27	11°43	6°22	1° 1	8°37	24° 3	10°28	27°39	22°52	14°56	16°26	8° 5	23° 5	T 25
F 26	16 44 20	11°44'00	10♑18	13°54	7°33	1°31	8°51	24° 7	10°27	27°38	22°51	14°48	16°23	8°12	23° 9	F 26
S 27	16 48 17	12°41'16	22° 6	16° 6	8°44	2° 1	9° 5	24°11	10°26	27°37	22°51	14°44	16°20	8°18	23°13	S 27
S 28	16 52 13	13°38'31	3♒55	18°16	9°55	2°31	9°18	24°15	10°25	27°36	22°51	14°41	16°16	8°25	23°18	S 28
M29	16 56 10	14°35'46	15°48	20°25	11° 6	3° 1	9°32	24°19	10°25	27°35	22°51	14°D40	16°13	8°32	23°22	M29
T 30	17 0 6	15°33'01	27°49	22°34	12°17	3°32	9°46	24°23	10°24	27°34	22°50	14°41	16°10	8°38	23°26	T 30
W31	17 4 3	16♊30'15	10♓ 5	24♊40	13♉28	4♍ 3	10♊ 0	24♌27	10♎23	27♎33	22♒50	14♒42	16♒ 7	8♑45	23♉30	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	17n12	19s22	0s53	7n17	2s43	1n38	1s49	16n30	1n45	20n21	0s31	15n31	1n42	3s45	0n41	9s 6	1n53	24s37	11s19	15s42	15s35	26s53	15n39	2s35
T 2	17 28	14 54	0n11	7 55	2 37	2 4	1 50	16 20	1 43	20 24	0 31	15 30	1 42	3 44	0 41	9 6	1 53	24 37	11 20	15 42	15 36	26 52	15 40	2 35
W 3	17 44	9 46	1 15	8 35	2 32	2 30	1 52	16 11	1 42	20 26	0 31	15 29	1 42	3 44	0 41	9 5	1 53	24 37	11 20	15 42	15 37	26 51	15 42	2 35
T 4	17 59	4 8	2 17	9 15	2 25	2 57	1 53	16 2	1 40	20 29	0 31	15 29	1 42	3 43	0 41	9 5	1 53	24 38	11 20	15 42	15 38	26 50	15 43	2 35
F 5	18 15	1n51	3 14	9 56	2 19	3 23	1 54	15 52	1 39	20 32	0 31	15 28	1 41	3 42	0 41	9 4	1 53	24 38	11 21	15 43	15 39	26 49	15 44	2 35
S 6	18 29	7 57	4 3	10 37	2 11	3 49	1 55	15 42	1 37	20 34	0 30	15 27	1 41	3 42	0 41	9 4	1 53	24 38	11 21	15 45	15 40	26 48	15 45	2 36
S 7	18 44	13 52	4 38	11 19	2 4	4 15	1 55	15 32	1 36	20 37	0 30	15 26	1 41	3 41	0 41	9 3	1 53	24 38	11 21	15 48	15 41	26 47	15 46	2 36
M 8	18 58	19 14	4 58	12 2	1 55	4 42	1 56	15 22	1 34	20 40	0 30	15 26	1 41	3 40	0 41	9 3	1 53	24 38	11 22	15 51	15 42	26 46	15 47	2 36
T 9	19 12	23 34	4 59	12 45	1 47	5 8	1 57	15 12	1 33	20 42	0 30	15 25	1 41	3 40	0 41	9 2	1 53	24 39	11 22	15 54	15 43	26 45	15 48	2 36
W10	19 26	26 24	4 39	13 29	1 38	5 34	1 57	15 2	1 31	20 45	0 30	15 24	1 41	3 39	0 41	9 2	1 53	24 39	11 22	15 57	15 44	26 44	15 49	2 36
T 11	19 39	27 22	4 0	14 13	1 28	6 0	1 58	14 52	1 30	20 48	0 30	15 23	1 41	3 39	0 41	9 2	1 53	24 39	11 23	16 0	15 45	26 43	15 50	2 36
F 12	19 52	26 21	3 5	14 56	1 19	6 26	1 58	14 41	1 29	20 50	0 30	15 22	1 41	3 38	0 41	9 1	1 53	24 40	11 23	16 2	15 46	26 42	15 51	2 36
S 13	20 5	23 29	1 59	15 40	1 9	6 52	1 58	14 31	1 27	20 53	0 30	15 21	1 41	3 37	0 41	9 1	1 53	24 40	11 23	16 3	15 47	26 41	15 52	2 36
S 14	20 17	19 12	0 45	16 23	0 58	7 18	1 59	14 20	1 26	20 55	0 30	15 20	1 41	3 37	0 40	9 0	1 53	24 40	11 24	16 4	15 48	26 40	15 53	2 36
M15	20 29	13 54	0s29	17 6	0 48	7 44	1 59	14 9	1 24	20 58	0 30	15 19	1 40	3 36	0 40	9 0	1 53	24 40	11 24	16 4	15 49	26 39	15 54	2 36
T 16	20 41	8 3	1 40	17 49	0 37	8 9	1 59	13 58	1 23	21 0	0 29	15 18	1 40	3 36	0 40	8 59	1 53	24 41	11 24	16 4	15 50	26 38	15 55	2 37
W17	20 52	1 58	2 44	18 31	0 26	8 35	1 59	13 47	1 22	21 2	0 29	15 17	1 40	3 36	0 40	8 59	1 53	24 41	11 25	16 4	15 51	26 37	15 56	2 37
T 18	21 3	4s 4	3 37	19 11	0 16	9 0	1 58	13 36	1 20	21 5	0 29	15 16	1 40	3 35	0 40	8 58	1 53	24 41	11 25	16 5	15 52	26 36	15 57	2 37
F 19	21 13	9 49	4 19	19 51	0 5	9 26	1 58	13 25	1 19	21 7	0 29	15 15	1 40	3 35	0 40	8 58	1 53	24 42	11 25	16 6	15 53	26 35	15 58	2 37
S 20	21 24	15 4	4 47	20 29	0n 6	9 51	1 58	13 14	1 18	21 10	0 29	15 13	1 40	3 34	0 40	8 58	1 53	24 42	11 26	16 9	15 54	26 34	15 59	2 37
S 21	21 33	19 36	5 1	21 6	0 17	10 15	1 57	13 2	1 16	21 12	0 29	15 12	1 40	3 34	0 40	8 57	1 53	24 42	11 26	16 12	15 54	26 33	16 0	2 37
M22	21 43	23 14	5 0	21 41	0 27	10 40	1 57	12 51	1 15	21 14	0 29	15 11	1 40	3 34	0 40	8 57	1 53	24 43	11 26	16 15	15 55	26 32	16 1	2 37
T 23	21 52	25 47	4 46	22 13	0 37	11 5	1 56	12 39	1 14	21 17	0 29	15 10	1 40	3 33	0 40	8 57	1 52	24 43	11 27	16 19	15 56	26 31	16 2	2 37
W24	22 1	27 8	4 19	22 44	0 47	11 29	1 56	12 28	1 13	21 19	0 29	15 8	1 40	3 33	0 40	8 56	1 52	24 43	11 27	16 22	15 57	26 30	16 3	2 38
T 25	22 9	27 12	3 40	23 12	0 56	11 53	1 55	12 16	1 11	21 21	0 29	15 7	1 39	3 33	0 40	8 56	1 52	24 44	11 27	16 25	15 58	26 29	16 4	2 38
F 26	22 17	26 0	2 53	23 38	1 5	12 17	1 54	12 4	1 10	21 23	0 28	15 6	1 39	3 32	0 40	8 55	1 52	24 44	11 28	16 27	15 59	26 27	16 5	2 38
S 27	22 24	23 39	1 58	24 1	1 13	12 41	1 53	11 52	1 9	21 26	0 28	15 4	1 39	3 32	0 40	8 55	1 52	24 45	11 28	16 29	16 0	26 26	16 6	2 38
S 28	22 32	20 17	0 57	24 21	1 20	13 4	1 52	11 40	1 8	21 28	0 28	15 3	1 39	3 32	0 40	8 55	1 52	24 45	11 28	16 29	16 1	26 25	16 7	2 38
M29	22 38	16 4	0n 6	24 38	1 27	13 27	1 51	11 28	1 6	21 30	0 28	15 1	1 39	3 32	0 40	8 55	1 52	24 45	11 29	16 30	16 2	26 24	16 8	2 38
T 30	22 45	11 11	1 10	24 53	1 34	13 50	1 50	11 16	1 5	21 32	0 28	15 0	1 39	3 31	0 40	8 54	1 52	24 46	11 29	16 30	16 3	26 23	16 9	2 38
W31	22n51	5s47	2n12	25n 5	1n39	14n13	1s49	11n 3	1n 4	21n34	0s28	14n58	1n39	3s31	0n40	8s54	1n52	24s46	11s29	16s29	16s 4	26s22	16n10	2s39

Julian Day Number = 2196368.5, Delta T = 10m22s
Ecliptic obliquity = 23°31'55, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 14°59'46, Lahiri = 14°06'46 Julian Calendar 1 May 1301 == Greg. Calendar 9 May 1301

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ASTRODIENST EPHEMERIS for the year 1301
geocentric

JUNE 1301 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	17 7 59	17♊27'29	22♓38	26♊45	14♉39	4♍34	10♊14	24♌31	10°R23	27°R32	22°R50	14°R42	16♒ 4	8♑52	23♉35	T 1
F 2	17 11 56	18°24'43	5♈36	28°49	15°50	5° 5	10°28	24°36	10♎22	27♎31	22♒49	14♒40	16° 1	8°58	23°39	F 2
S 3	17 15 52	19°21'57	19° 0	0♋51	17° 1	5°36	10°41	24°40	10°22	27°31	22°49	14°37	15°57	9° 5	23°43	S 3
S 4	17 19 49	20°19'10	2♉53	2°50	18°12	6° 7	10°55	24°45	10°22	27°30	22°48	14°31	15°54	9°12	23°47	S 4
M 5	17 23 46	21°16'24	17°15	4°48	19°24	6°39	11° 9	24°49	10°21	27°29	22°48	14°24	15°51	9°18	23°51	M 5
T 6	17 27 42	22°13'37	2♊ 1	6°44	20°35	7°11	11°23	24°54	10°21	27°28	22°47	14°17	15°48	9°25	23°56	T 6
W 7	17 31 39	23°10'51	17° 5	8°37	21°46	7°42	11°36	24°59	10°21	27°27	22°47	14° 9	15°45	9°32	24° 0	W 7
T 8	17 35 35	24° 8'04	2♋17	10°29	22°58	8°15	11°50	25° 4	10°21	27°27	22°46	14° 3	15°42	9°38	24° 4	T 8
F 9	17 39 32	25° 5'17	17°27	12°18	24° 9	8°47	12° 4	25° 9	10°21	27°26	22°46	13°58	15°38	9°45	24° 8	F 9
S 10	17 43 28	26° 2'29	2♌25	14° 5	25°21	9°19	12°17	25°14	10°D21	27°25	22°45	13°56	15°35	9°52	24°12	S 10
S 11	17 47 25	26°59'41	17° 4	15°50	26°32	9°51	12°31	25°19	10°21	27°25	22°45	13°D55	15°32	9°58	24°16	S 11
M12	17 51 21	27°56'53	1♍20	17°33	27°44	10°24	12°44	25°24	10°21	27°24	22°44	13°56	15°29	10° 5	24°20	M12
T 13	17 55 18	28°54'04	15°11	19°14	28°55	10°57	12°58	25°29	10°21	27°23	22°43	13°57	15°26	10°12	24°24	T 13
W14	17 59 15	29°51'14	28°39	20°52	0♊ 7	11°30	13°12	25°34	10°21	27°23	22°43	13°R58	15°22	10°19	24°28	W14
T 15	18 3 11	0♋48'25	11♎45	22°28	1°19	12° 3	13°25	25°39	10°21	27°22	22°42	13°57	15°19	10°25	24°32	T 15
F 16	18 7 8	1°45'35	24°31	24° 3	2°30	12°36	13°39	25°45	10°21	27°22	22°41	13°55	15°16	10°32	24°36	F 16
S 17	18 11 4	2°42'45	7♏ 3	25°34	3°42	13° 9	13°52	25°50	10°22	27°21	22°41	13°51	15°13	10°39	24°39	S 17
S 18	18 15 1	3°39'55	19°21	27° 4	4°54	13°43	14° 5	25°56	10°22	27°21	22°40	13°45	15°10	10°45	24°43	S 18
M19	18 18 57	4°37'04	1♐29	28°31	6° 6	14°16	14°19	26° 1	10°22	27°20	22°39	13°39	15° 7	10°52	24°47	M19
T 20	18 22 54	5°34'14	13°30	29°56	7°18	14°50	14°32	26° 7	10°23	27°20	22°38	13°32	15° 3	10°59	24°51	T 20
W21	18 26 50	6°31'24	25°25	1♌19	8°30	15°24	14°45	26°13	10°23	27°20	22°37	13°25	15° 0	11° 5	24°54	W21
T 22	18 30 47	7°28'34	7♑16	2°40	9°42	15°58	14°59	26°19	10°24	27°19	22°37	13°20	14°57	11°12	24°58	T 22
F 23	18 34 44	8°25'44	19° 5	3°58	10°54	16°32	15°12	26°24	10°25	27°19	22°36	13°16	14°54	11°19	25° 2	F 23
S 24	18 38 40	9°22'54	0♒54	5°13	12° 6	17° 6	15°25	26°30	10°25	27°19	22°35	13°13	14°51	11°25	25° 5	S 24
S 25	18 42 37	10°20'05	12°46	6°26	13°18	17°40	15°38	26°36	10°26	27°19	22°34	13°D12	14°48	11°32	25° 9	S 25
M26	18 46 33	11°17'16	24°43	7°37	14°30	18°15	15°52	26°42	10°27	27°18	22°33	13°13	14°44	11°39	25°12	M26
T 27	18 50 30	12°14'28	6♓49	8°45	15°42	18°49	16° 5	26°48	10°28	27°18	22°32	13°14	14°41	11°45	25°16	T 27
W28	18 54 26	13°11'40	19° 7	9°50	16°54	19°24	16°18	26°54	10°29	27°18	22°31	13°16	14°38	11°52	25°19	W28
T 29	18 58 23	14° 8'53	1♈42	10°53	18° 7	19°58	16°31	27° 1	10°30	27°18	22°30	13°17	14°35	11°59	25°22	T 29
F 30	19 2 19	15♋ 6'07	14♈38	11♌52	19♊19	20♍33	16♊44	27♌ 7	10♎31	27♎18	22♒29	13°R18	14♒32	12♑ 5	25♉26	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n56	0s 2	3n 9	25n14	1n44	14n35	1s48	10n51	1n 3	21n36	0s28	14n57	1n39	3s31	0n40	8s54	1n52	24s47	11s30	16s29	16s 5	26s21	16n11	2s39
F 2	23 1	5n52	3 58	25 20	1 48	14 57	1 46	10 38	1 2	21 39	0 28	14 55	1 39	3 31	0 40	8 53	1 52	24 47	11 30	16 30	16 6	26 19	16 12	2 39
S 3	23 6	11 44	4 37	25 23	1 52	15 18	1 45	10 26	1 0	21 41	0 28	14 54	1 39	3 31	0 40	8 53	1 52	24 48	11 30	16 31	16 7	26 18	16 12	2 39
S 4	23 11	17 13	5 0	25 24	1 54	15 40	1 43	10 13	0 59	21 43	0 28	14 52	1 38	3 31	0 40	8 53	1 52	24 48	11 31	16 32	16 8	26 17	16 13	2 39
M 5	23 15	21 56	5 6	25 23	1 56	16 1	1 42	10 0	0 58	21 45	0 28	14 51	1 38	3 30	0 40	8 53	1 52	24 48	11 31	16 34	16 9	26 16	16 14	2 39
T 6	23 18	25 25	4 52	25 19	1 58	16 21	1 40	9 47	0 57	21 47	0 28	14 49	1 38	3 30	0 40	8 52	1 52	24 49	11 31	16 37	16 10	26 15	16 15	2 40
W 7	23 21	27 11	4 18	25 13	1 58	16 42	1 39	9 34	0 56	21 49	0 27	14 47	1 38	3 30	0 40	8 52	1 52	24 49	11 31	16 39	16 11	26 13	16 16	2 40
T 8	23 24	26 56	3 25	25 4	1 58	17 1	1 37	9 21	0 55	21 50	0 27	14 45	1 38	3 30	0 40	8 52	1 52	24 50	11 32	16 41	16 12	26 12	16 17	2 40
F 9	23 26	24 40	2 18	24 54	1 57	17 21	1 35	9 8	0 53	21 52	0 27	14 44	1 38	3 30	0 39	8 52	1 52	24 50	11 32	16 42	16 13	26 11	16 18	2 40
S 10	23 28	20 42	1 2	24 42	1 55	17 40	1 33	8 55	0 52	21 54	0 27	14 42	1 38	3 30	0 39	8 52	1 52	24 51	11 32	16 43	16 14	26 10	16 18	2 40
S 11	23 30	15 31	0s17	24 28	1 53	17 58	1 31	8 42	0 51	21 56	0 27	14 40	1 38	3 30	0 39	8 51	1 52	24 51	11 33	16 43	16 14	26 9	16 19	2 40
M12	23 31	9 36	1 33	24 12	1 50	18 17	1 29	8 28	0 50	21 58	0 27	14 38	1 38	3 30	0 39	8 51	1 52	24 52	11 33	16 43	16 15	26 7	16 20	2 41
T 13	23 32	3 23	2 41	23 55	1 47	18 34	1 27	8 15	0 49	22 0	0 27	14 37	1 38	3 31	0 39	8 51	1 51	24 52	11 33	16 42	16 16	26 6	16 21	2 41
W14	23 32	2s48	3 38	23 36	1 43	18 52	1 25	8 1	0 48	22 1	0 27	14 35	1 38	3 31	0 39	8 51	1 51	24 53	11 34	16 42	16 17	26 5	16 21	2 41
T 15	23 32	8 41	4 22	23 16	1 38	19 9	1 23	7 47	0 47	22 3	0 27	14 33	1 38	3 31	0 39	8 51	1 51	24 53	11 34	16 42	16 18	26 4	16 22	2 41
F 16	23 31	14 4	4 52	22 54	1 33	19 25	1 21	7 34	0 46	22 5	0 27	14 31	1 38	3 31	0 39	8 51	1 51	24 54	11 34	16 43	16 19	26 2	16 23	2 41
S 17	23 30	18 45	5 7	22 32	1 27	19 41	1 19	7 20	0 45	22 7	0 27	14 29	1 38	3 31	0 39	8 50	1 51	24 54	11 34	16 44	16 20	26 1	16 24	2 42
S 18	23 29	22 34	5 8	22 9	1 21	19 56	1 17	7 6	0 44	22 8	0 27	14 27	1 37	3 31	0 39	8 50	1 51	24 55	11 35	16 46	16 21	26 0	16 24	2 42
M19	23 27	25 21	4 55	21 44	1 14	20 11	1 15	6 52	0 43	22 10	0 27	14 25	1 37	3 31	0 39	8 50	1 51	24 55	11 35	16 48	16 22	25 59	16 25	2 42
T 20	23 25	26 57	4 29	21 19	1 6	20 25	1 12	6 38	0 42	22 12	0 27	14 23	1 37	3 32	0 39	8 50	1 51	24 56	11 35	16 50	16 23	25 57	16 26	2 42
W21	23 22	27 18	3 51	20 54	0 59	20 39	1 10	6 24	0 40	22 13	0 26	14 21	1 37	3 32	0 39	8 50	1 51	24 56	11 35	16 51	16 24	25 56	16 26	2 42
T 22	23 19	26 23	3 3	20 27	0 50	20 52	1 8	6 10	0 39	22 15	0 26	14 19	1 37	3 32	0 39	8 50	1 51	24 57	11 36	16 53	16 25	25 55	16 27	2 43
F 23	23 16	24 17	2 8	20 1	0 41	21 5	1 5	5 56	0 38	22 16	0 26	14 17	1 37	3 32	0 39	8 50	1 51	24 57	11 36	16 54	16 26	25 53	16 28	2 43
S 24	23 12	21 7	1 7	19 33	0 32	21 17	1 3	5 41	0 37	22 18	0 26	14 15	1 37	3 33	0 39	8 50	1 51	24 58	11 36	16 55	16 27	25 52	16 28	2 43
S 25	23 8	17 5	0 2	19 6	0 23	21 29	1 0	5 27	0 36	22 19	0 26	14 13	1 37	3 33	0 39	8 50	1 51	24 58	11 37	16 55	16 28	25 51	16 29	2 43
M26	23 3	12 21	1n 3	18 38	0 13	21 40	0 58	5 13	0 35	22 21	0 26	14 11	1 37	3 33	0 39	8 50	1 51	24 59	11 37	16 55	16 29	25 49	16 30	2 43
T 27	22 58	7 6	2 6	18 11	0 2	21 51	0 55	4 58	0 34	22 22	0 26	14 9	1 37	3 34	0 39	8 50	1 51	25 0	11 37	16 55	16 29	25 48	16 30	2 44
W28	22 52	1 30	3 4	17 43	0s 9	22 0	0 53	4 44	0 33	22 24	0 26	14 6	1 37	3 34	0 39	8 50	1 51	25 0	11 37	16 54	16 30	25 47	16 31	2 44
T 29	22 47	4n16	3 55	17 15	0 20	22 10	0 50	4 29	0 32	22 25	0 26	14 4	1 37	3 35	0 39	8 50	1 51	25 1	11 37	16 54	16 31	25 45	16 32	2 44
F 30	22n40	10n 1	4n36	16n48	0s31	22n18	0s48	4n14	0n31	22n26	0s26	14n 2	1n37	3s35	0n39	8s50	1n51	25s 1	11s38	16s54	16s32	25s44	16n32	2s44

Julian Day Number = 2196399.5, Delta T = 10m22s
Ecliptic obliquity = 23°31'54, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 14°59'50, Lahiri = 14°06'51 Julian Calendar 1 June 1301 == Greg. Calendar 9 June 1301

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ASTRODIENST EPHEMERIS for the year 1301
geocentric

JULY 1301 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	19 6 16	16♋ 3'21	27♈57	12♌49	20♊31	21♍ 8	16♊57	27♌13	10♎32	27°R18	22°R28	13°R17	14♒28	12♐12	25♉29	S 1
S 2	19 10 13	17° 0'37	11♉43	13°42	21°44	21°43	17° 9	27°19	10°33	27°D18	22♒27	13♒16	14°25	12°19	25°32	S 2
M 3	19 14 9	17°57'53	25°56	14°32	22°56	22°19	17°22	27°26	10°34	27♎18	22°26	13°13	14°22	12°25	25°36	M 3
T 4	19 18 6	18°55'10	10♊34	15°19	24° 9	22°54	17°35	27°32	10°35	27°18	22°25	13°10	14°19	12°32	25°39	T 4
W 5	19 22 2	19°52'28	25°31	16° 3	25°21	23°30	17°48	27°39	10°36	27°18	22°24	13° 7	14°16	12°39	25°42	W 5
T 6	19 25 59	20°49'47	10♋41	16°42	26°34	24° 5	18° 0	27°45	10°38	27°18	22°23	13° 4	14°13	12°45	25°45	T 6
F 7	19 29 55	21°47'06	25°52	17°18	27°46	24°41	18°13	27°52	10°39	27°18	22°22	13° 3	14° 9	12°52	25°48	F 7
S 8	19 33 52	22°44'26	10♌57	17°50	28°59	25°17	18°25	27°58	10°40	27°19	22°21	13°D 2	14° 6	12°59	25°51	S 8
S 9	19 37 49	23°41'47	25°46	18°18	0♋12	25°53	18°38	28° 5	10°42	27°19	22°20	13° 2	14° 3	13° 5	25°54	S 9
M10	19 41 45	24°39'08	10♍13	18°41	1°24	26°29	18°50	28°12	10°43	27°19	22°19	13° 3	14° 0	13°12	25°57	M10
T 11	19 45 42	25°36'29	24°15	19° 0	2°37	27° 5	19° 3	28°18	10°45	27°19	22°18	13° 5	13°57	13°19	26° 0	T 11
W12	19 49 38	26°33'51	7♎50	19°14	3°50	27°41	19°15	28°25	10°46	27°20	22°17	13° 6	13°54	13°25	26° 2	W12
T 13	19 53 35	27°31'14	20°59	19°23	5° 3	28°17	19°27	28°32	10°48	27°20	22°16	13° 6	13°50	13°32	26° 5	T 13
F 14	19 57 31	28°28'38	3♏47	19°R27	6°15	28°54	19°39	28°39	10°50	27°20	22°14	13°R 6	13°47	13°39	26° 8	F 14
S 15	20 1 28	29°26'02	16°15	19°26	7°28	29°30	19°52	28°46	10°51	27°21	22°13	13° 6	13°44	13°45	26°10	S 15
S 16	20 5 24	0♌23'26	28°29	19°20	8°41	0♎ 7	20° 4	28°53	10°53	27°21	22°12	13° 5	13°41	13°52	26°13	S 16
M17	20 9 21	1°20'52	10♐31	19° 9	9°54	0°44	20°16	29° 0	10°55	27°22	22°11	13° 3	13°38	13°59	26°16	M17
T 18	20 13 18	2°18'18	22°26	18°52	11° 7	1°20	20°27	29° 7	10°57	27°22	22°10	13° 1	13°34	14° 5	26°18	T 18
W19	20 17 14	3°15'46	4♑16	18°30	12°20	1°57	20°39	29°14	10°59	27°23	22° 8	13° 0	13°31	14°12	26°20	W19
T 20	20 21 11	4°13'14	16° 5	18° 3	13°33	2°34	20°51	29°21	11° 1	27°23	22° 7	12°59	13°28	14°19	26°23	T 20
F 21	20 25 7	5°10'43	27°55	17°32	14°47	3°12	21° 3	29°28	11° 3	27°24	22° 6	12°58	13°25	14°25	26°25	F 21
S 22	20 29 4	6° 8'13	9♒49	16°56	16° 0	3°49	21°14	29°35	11° 5	27°25	22° 5	12°D58	13°22	14°32	26°27	S 22
S 23	20 33 0	7° 5'44	21°48	16°15	17°13	4°26	21°26	29°42	11° 7	27°25	22° 4	12°58	13°19	14°39	26°30	S 23
M24	20 36 57	8° 3'17	3♓55	15°32	18°26	5° 4	21°37	29°49	11° 9	27°26	22° 2	12°58	13°15	14°45	26°32	M24
T 25	20 40 53	9° 0'50	16°11	14°45	19°40	5°41	21°49	29°56	11°11	27°27	22° 1	12°59	13°12	14°52	26°34	T 25
W26	20 44 50	9°58'26	28°39	13°57	20°53	6°19	22° 0	0♍ 4	11°14	27°28	22° 0	12°59	13° 9	14°59	26°36	W26
T 27	20 48 47	10°56'02	11♈22	13° 7	22° 6	6°56	22°11	0°11	11°16	27°28	21°59	12°59	13° 6	15° 5	26°38	T 27
F 28	20 52 43	11°53'40	24°22	12°17	23°20	7°34	22°22	0°18	11°18	27°29	21°57	12°59	13° 3	15°12	26°40	F 28
S 29	20 56 40	12°51'20	7♉42	11°27	24°33	8°12	22°33	0°25	11°21	27°30	21°56	13° 0	13° 0	15°19	26°42	S 29
S 30	21 0 36	13°49'01	21°22	10°39	25°47	8°50	22°44	0°33	11°23	27°31	21°55	13° 0	12°56	15°25	26°43	S 30
M31	21 4 33	14♌46'45	5♊23	9♌54	27♋ 0	9♎28	22♊55	0♍40	11♎25	27♎32	21♒53	13♒ 0	12♒53	15♐32	26♉45	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n34	15n30	5n 3	16n20	0s43	22n26	0s45	4n 0	0n30	22n28	0s26	14n 0	1n37	3s35	0n39	8s50	1n50	25s 2	11s38	16s54	16s33	25s43	16n33	2s44
S 2	22 27	20 23	5 14	15 54	0 55	22 34	0 42	3 45	0 29	22 29	0 26	13 58	1 37	3 36	0 39	8 50	1 50	25 2	11 38	16 54	16 34	25 41	16 33	2 45
M 3	22 19	24 16	5 7	15 27	1 8	22 41	0 40	3 30	0 28	22 30	0 26	13 55	1 37	3 36	0 39	8 50	1 50	25 3	11 38	16 55	16 35	25 40	16 34	2 45
T 4	22 11	26 43	4 39	15 2	1 20	22 47	0 37	3 15	0 28	22 31	0 26	13 53	1 37	3 37	0 38	8 50	1 50	25 3	11 39	16 56	16 36	25 39	16 34	2 45
W 5	22 3	27 20	3 53	14 37	1 33	22 52	0 35	3 0	0 27	22 33	0 26	13 51	1 37	3 37	0 38	8 50	1 50	25 4	11 39	16 57	16 37	25 37	16 35	2 45
T 6	21 55	25 54	2 49	14 12	1 46	22 57	0 32	2 45	0 26	22 34	0 25	13 49	1 37	3 38	0 38	8 50	1 50	25 4	11 39	16 57	16 38	25 36	16 35	2 46
F 7	21 46	22 35	1 33	13 49	1 59	23 2	0 29	2 30	0 25	22 35	0 25	13 46	1 37	3 39	0 38	8 51	1 50	25 5	11 39	16 58	16 39	25 34	16 36	2 46
S 8	21 36	17 44	0 11	13 27	2 12	23 5	0 27	2 15	0 24	22 36	0 25	13 44	1 37	3 39	0 38	8 51	1 50	25 6	11 39	16 58	16 40	25 33	16 36	2 46
S 9	21 27	11 53	1s10	13 6	2 25	23 8	0 24	2 0	0 23	22 37	0 25	13 42	1 37	3 40	0 38	8 51	1 50	25 6	11 40	16 58	16 41	25 31	16 37	2 46
M10	21 17	5 32	2 25	12 46	2 39	23 10	0 21	1 44	0 22	22 38	0 25	13 39	1 36	3 40	0 38	8 51	1 50	25 7	11 40	16 58	16 41	25 30	16 37	2 47
T 11	21 6	0s54	3 29	12 28	2 52	23 12	0 18	1 29	0 21	22 40	0 25	13 37	1 36	3 41	0 38	8 51	1 50	25 7	11 40	16 57	16 42	25 29	16 37	2 47
W12	20 55	7 4	4 19	12 11	3 5	23 13	0 16	1 14	0 20	22 41	0 25	13 35	1 36	3 42	0 38	8 51	1 50	25 8	11 40	16 57	16 43	25 27	16 38	2 47
T 13	20 44	12 45	4 53	11 57	3 17	23 13	0 13	0 59	0 19	22 42	0 25	13 32	1 36	3 42	0 38	8 51	1 50	25 8	11 40	16 57	16 44	25 26	16 38	2 47
F 14	20 33	17 43	5 12	11 44	3 30	23 13	0 10	0 43	0 18	22 43	0 25	13 30	1 36	3 43	0 38	8 52	1 50	25 9	11 41	16 57	16 45	25 24	16 39	2 48
S 15	20 21	21 48	5 16	11 33	3 41	23 11	0 8	0 28	0 17	22 44	0 25	13 27	1 36	3 44	0 38	8 52	1 50	25 9	11 41	16 57	16 46	25 23	16 39	2 48
S 16	20 9	24 51	5 5	11 24	3 53	23 10	0 5	0 12	0 16	22 45	0 25	13 25	1 36	3 45	0 38	8 52	1 50	25 10	11 41	16 57	16 47	25 21	16 39	2 48
M17	19 56	26 45	4 41	11 17	4 3	23 7	0 2	0s 3	0 16	22 46	0 25	13 22	1 36	3 45	0 38	8 52	1 49	25 11	11 41	16 58	16 48	25 20	16 40	2 48
T 18	19 43	27 23	4 5	11 13	4 13	23 4	0n 0	0 19	0 15	22 46	0 25	13 20	1 36	3 46	0 38	8 53	1 49	25 11	11 41	16 58	16 49	25 18	16 40	2 49
W19	19 30	26 46	3 18	11 11	4 22	23 0	0 3	0 34	0 14	22 47	0 25	13 17	1 36	3 47	0 38	8 53	1 49	25 12	11 41	16 59	16 50	25 17	16 40	2 49
T 20	19 17	24 56	2 24	11 11	4 30	22 56	0 5	0 50	0 13	22 48	0 25	13 15	1 36	3 48	0 38	8 53	1 49	25 12	11 41	16 59	16 51	25 15	16 41	2 49
F 21	19 3	22 0	1 23	11 15	4 37	22 51	0 8	1 5	0 12	22 49	0 25	13 12	1 36	3 49	0 38	8 53	1 49	25 13	11 42	16 59	16 52	25 14	16 41	2 49
S 22	18 49	18 8	0 17	11 20	4 42	22 45	0 11	1 21	0 11	22 50	0 25	13 10	1 36	3 49	0 38	8 54	1 49	25 13	11 42	16 59	16 52	25 12	16 41	2 50
S 23	18 34	13 31	0n49	11 29	4 46	22 38	0 13	1 37	0 10	22 51	0 25	13 7	1 36	3 50	0 38	8 54	1 49	25 14	11 42	16 59	16 53	25 11	16 41	2 50
M24	18 19	8 21	1 54	11 39	4 48	22 31	0 16	1 52	0 9	22 52	0 24	13 5	1 36	3 51	0 38	8 54	1 49	25 14	11 42	16 59	16 54	25 9	16 42	2 50
T 25	18 4	2 48	2 54	11 52	4 48	22 23	0 18	2 8	0 9	22 52	0 24	13 2	1 36	3 52	0 38	8 55	1 49	25 15	11 42	16 59	16 55	25 8	16 42	2 51
W26	17 49	2n56	3 47	12 8	4 47	22 15	0 21	2 24	0 8	22 53	0 24	13 0	1 36	3 53	0 38	8 55	1 49	25 15	11 42	16 59	16 56	25 6	16 42	2 51
T 27	17 33	8 40	4 31	12 25	4 44	22 5	0 23	2 40	0 7	22 54	0 24	12 57	1 36	3 54	0 38	8 55	1 49	25 16	11 42	16 59	16 57	25 5	16 42	2 51
F 28	17 17	14 8	5 1	12 44	4 38	21 56	0 26	2 55	0 6	22 54	0 24	12 55	1 36	3 55	0 38	8 56	1 49	25 17	11 42	16 59	16 58	25 3	16 42	2 51
S 29	17 1	19 6	5 16	13 4	4 31	21 45	0 28	3 11	0 5	22 55	0 24	12 52	1 36	3 56	0 38	8 56	1 49	25 17	11 43	16 59	16 59	25 2	16 42	2 52
S 30	16 45	23 13	5 14	13 25	4 23	21 34	0 30	3 27	0 4	22 56	0 24	12 49	1 36	3 57	0 38	8 56	1 49	25 18	11 43	16 59	17 0	25 0	16 43	2 52
M31	16n28	26n 6	4n54	13n47	4s12	21n22	0n33	3s43	0n 4	22n56	0s24	12n47	1n36	3s58	0n37	8s57	1n49	25s18	11s43	16s59	17s 1	24s59	16n43	2s52

Julian Day Number = 2196429.5, Delta T = 10m22s
Ecliptic obliquity = 23°31'54, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 14°59'54, Lahiri = 14°06'55 Julian Calendar 1 July 1301 == Greg. Calendar 9 July 1301

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1301
geocentric

AUGUST 1301 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	21 8 29	15♌44'30	19♊45	9°R12	28♋14	10♎ 6	23♊ 6	0♍47	11♎28	27♎33	21°R52	13♒ 0	12♒50	15♉39	26♉47	T 1
W 2	21 12 26	16°42'16	4♋25	8♌35	29°27	10°45	23°17	0°55	11°30	27°34	21♒51	13° 0	12°47	15°45	26°48	W 2
T 3	21 16 22	17°40'04	19°18	8° 2	0♌41	11°23	23°27	1° 2	11°33	27°35	21°50	13° 0	12°44	15°52	26°50	T 3
F 4	21 20 19	18°37'54	4♌17	7°36	1°55	12° 2	23°38	1°10	11°36	27°36	21°48	13° 1	12°40	15°58	26°51	F 4
S 5	21 24 16	19°35'45	19°13	7°17	3° 9	12°40	23°48	1°17	11°38	27°37	21°47	13°R 1	12°37	16° 5	26°53	S 5
S 6	21 28 12	20°33'38	4♍ 0	7° 5	4°22	13°19	23°58	1°25	11°41	27°38	21°46	13° 0	12°34	16°12	26°54	S 6
M 7	21 32 9	21°31'32	18°29	7°D 0	5°36	13°58	24° 9	1°32	11°44	27°39	21°44	13° 0	12°31	16°18	26°56	M 7
T 8	21 36 5	22°29'28	2♎36	7° 3	6°50	14°36	24°19	1°39	11°46	27°40	21°43	12°59	12°28	16°25	26°57	T 8
W 9	21 40 2	23°27'24	16°17	7°14	8° 4	15°15	24°29	1°47	11°49	27°41	21°42	12°57	12°25	16°32	26°58	W 9
T 10	21 43 58	24°25'23	29°33	7°34	9°18	15°54	24°39	1°54	11°52	27°43	21°41	12°56	12°21	16°38	26°59	T 10
F 11	21 47 55	25°23'22	12♏24	8° 1	10°32	16°33	24°48	2° 2	11°55	27°44	21°39	12°55	12°18	16°45	27° 0	F 11
S 12	21 51 51	26°21'23	24°54	8°36	11°46	17°13	24°58	2° 9	11°58	27°45	21°38	12°D55	12°15	16°52	27° 1	S 12
S 13	21 55 48	27°19'26	7♐ 7	9°19	13° 0	17°52	25° 8	2°17	12° 1	27°46	21°37	12°55	12°12	16°58	27° 2	S 13
M14	21 59 45	28°17'30	19° 8	10°10	14°14	18°31	25°17	2°24	12° 4	27°48	21°35	12°56	12° 9	17° 5	27° 3	M14
T 15	22 3 41	29°15'35	1♑ 0	11° 9	15°28	19°11	25°26	2°32	12° 7	27°49	21°34	12°57	12° 6	17°12	27° 4	T 15
W16	22 7 38	0♍13'42	12°49	12°14	16°42	19°50	25°36	2°40	12°10	27°51	21°33	12°59	12° 2	17°18	27° 4	W16
T 17	22 11 34	1°11'50	24°39	13°25	17°56	20°30	25°45	2°47	12°13	27°52	21°32	13° 0	11°59	17°25	27° 5	T 17
F 18	22 15 31	2°10'00	6♒32	14°43	19°10	21°10	25°54	2°55	12°16	27°53	21°30	13° 1	11°56	17°32	27° 6	F 18
S 19	22 19 27	3° 8'12	18°33	16° 7	20°25	21°49	26° 2	3° 2	12°19	27°55	21°29	13°R 1	11°53	17°38	27° 6	S 19
S 20	22 23 24	4° 6'25	0♓43	17°35	21°39	22°29	26°11	3°10	12°22	27°56	21°28	13° 0	11°50	17°45	27° 6	S 20
M21	22 27 20	5° 4'40	13° 4	19° 8	22°53	23° 9	26°20	3°17	12°25	27°58	21°26	12°58	11°46	17°52	27° 7	M21
T 22	22 31 17	6° 2'57	25°37	20°45	24° 7	23°49	26°28	3°25	12°28	27°59	21°25	12°55	11°43	17°58	27° 7	T 22
W23	22 35 14	7° 1'15	8♈23	22°26	25°22	24°29	26°37	3°32	12°31	28° 1	21°24	12°51	11°40	18° 5	27° 7	W23
T 24	22 39 10	7°59'36	21°23	24°10	26°36	25°10	26°45	3°40	12°35	28° 2	21°23	12°47	11°37	18°12	27° 8	T 24
F 25	22 43 7	8°57'59	4♉36	25°56	27°50	25°50	26°53	3°47	12°38	28° 4	21°22	12°44	11°34	18°18	27° 8	F 25
S 26	22 47 3	9°56'24	18° 4	27°44	29° 5	26°30	27° 1	3°55	12°41	28° 6	21°20	12°41	11°31	18°25	27°R 8	S 26
S 27	22 51 0	10°54'51	1♊45	29°33	0♍19	27°11	27° 9	4° 2	12°45	28° 7	21°19	12°40	11°27	18°32	27° 8	S 27
M28	22 54 56	11°53'21	15°41	1♍24	1°34	27°51	27°16	4°10	12°48	28° 9	21°18	12°D39	11°24	18°38	27° 8	M28
T 29	22 58 53	12°51'52	29°49	3°16	2°48	28°32	27°24	4°17	12°51	28°11	21°17	12°40	11°21	18°45	27° 7	T 29
W30	23 2 49	13°50'26	14♋10	5° 8	4° 3	29°13	27°31	4°25	12°55	28°12	21°16	12°42	11°18	18°52	27° 7	W30
T 31	23 6 46	14♍49'03	28♋39	7♍ 0	5♍18	29♎53	27♊39	4♍32	12♎58	28♎14	21♒14	12♒43	11♒15	18♉58	27♉ 7	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	16n11	27n22	4n15	14n10	4s 0	21n10	0n35	3s59	0n 3	22n57	0s24	12n44	1n36	3s59	0n37	8s57	1n49	25s19	11s43	16s59	17s 1	24s57	16n43	2s53
W 2	15 53	26 46	3 18	14 33	3 46	20 57	0 37	4 14	0 2	22 58	0 24	12 42	1 36	4 0	0 37	8 57	1 49	25 19	11 43	16 59	17 2	24 55	16 43	2 53
T 3	15 36	24 15	2 8	14 55	3 32	20 43	0 39	4 30	0 1	22 58	0 24	12 39	1 36	4 1	0 37	8 58	1 49	25 20	11 43	16 59	17 3	24 54	16 43	2 53
F 4	15 18	20 3	0 48	15 17	3 16	20 29	0 42	4 46	0 0	22 59	0 24	12 36	1 37	4 2	0 37	8 58	1 48	25 20	11 43	16 58	17 4	24 52	16 43	2 53
S 5	15 0	14 34	0s34	15 38	2 59	20 14	0 44	5 2	0s 1	22 59	0 24	12 34	1 37	4 3	0 37	8 59	1 48	25 21	11 43	16 58	17 5	24 51	16 43	2 54
S 6	14 42	8 19	1 54	15 58	2 42	19 59	0 46	5 18	0 1	23 0	0 24	12 31	1 37	4 4	0 37	8 59	1 48	25 21	11 43	16 59	17 6	24 49	16 43	2 54
M 7	14 23	1 45	3 4	16 16	2 24	19 43	0 48	5 34	0 2	23 0	0 24	12 28	1 37	4 5	0 37	9 0	1 48	25 22	11 43	16 59	17 7	24 48	16 43	2 54
T 8	14 4	4s44	4 2	16 33	2 6	19 27	0 50	5 49	0 3	23 1	0 24	12 26	1 37	4 6	0 37	9 0	1 48	25 22	11 43	16 59	17 8	24 46	16 43	2 55
W 9	13 45	10 47	4 43	16 48	1 48	19 9	0 52	6 5	0 4	23 1	0 24	12 23	1 37	4 7	0 37	9 1	1 48	25 23	11 43	16 59	17 9	24 44	16 43	2 55
T 10	13 26	16 9	5 8	17 0	1 30	18 52	0 54	6 21	0 4	23 2	0 24	12 20	1 37	4 8	0 37	9 1	1 48	25 23	11 43	17 0	17 10	24 43	16 43	2 55
F 11	13 6	20 38	5 17	17 11	1 12	18 34	0 56	6 37	0 5	23 2	0 24	12 18	1 37	4 9	0 37	9 2	1 48	25 24	11 43	17 0	17 10	24 41	16 43	2 55
S 12	12 47	24 4	5 10	17 18	0 55	18 15	0 58	6 53	0 6	23 3	0 24	12 15	1 37	4 11	0 37	9 2	1 48	25 24	11 43	17 0	17 11	24 39	16 43	2 56
S 13	12 27	26 20	4 49	17 23	0 38	17 56	0 59	7 8	0 7	23 3	0 23	12 12	1 37	4 12	0 37	9 3	1 48	25 24	11 43	17 0	17 12	24 38	16 43	2 56
M14	12 7	27 20	4 16	17 25	0 22	17 36	1 1	7 24	0 8	23 3	0 23	12 10	1 37	4 13	0 37	9 3	1 48	25 25	11 43	17 0	17 13	24 36	16 43	2 56
T 15	11 47	27 4	3 32	17 24	0 6	17 16	1 3	7 40	0 8	23 4	0 23	12 7	1 37	4 14	0 37	9 4	1 48	25 25	11 43	16 59	17 14	24 34	16 43	2 57
W16	11 26	25 33	2 39	17 20	0n 9	16 55	1 4	7 56	0 9	23 4	0 23	12 4	1 37	4 15	0 37	9 4	1 48	25 26	11 43	16 59	17 15	24 33	16 43	2 57
T 17	11 5	22 55	1 40	17 13	0 22	16 34	1 6	8 11	0 10	23 4	0 23	12 2	1 37	4 17	0 37	9 5	1 48	25 26	11 43	16 59	17 16	24 31	16 42	2 57
F 18	10 45	19 17	0 36	17 2	0 35	16 12	1 8	8 27	0 11	23 5	0 23	11 59	1 37	4 18	0 37	9 5	1 48	25 27	11 43	16 58	17 17	24 29	16 42	2 57
S 19	10 24	14 51	0n30	16 49	0 47	15 50	1 9	8 43	0 11	23 5	0 23	11 56	1 37	4 19	0 37	9 6	1 48	25 27	11 43	16 58	17 18	24 28	16 42	2 58
S 20	10 2	9 46	1 36	16 32	0 58	15 27	1 10	8 58	0 12	23 5	0 23	11 54	1 37	4 20	0 37	9 6	1 48	25 27	11 43	16 59	17 18	24 26	16 42	2 58
M21	9 41	4 15	2 38	16 12	1 7	15 4	1 12	9 14	0 13	23 6	0 23	11 51	1 37	4 22	0 37	9 7	1 48	25 28	11 43	16 59	17 19	24 24	16 42	2 58
T 22	9 20	1n31	3 33	15 50	1 16	14 41	1 13	9 29	0 14	23 6	0 23	11 48	1 37	4 23	0 37	9 8	1 48	25 28	11 43	17 0	17 20	24 23	16 41	2 59
W23	8 58	7 18	4 19	15 24	1 24	14 17	1 14	9 45	0 14	23 6	0 23	11 46	1 37	4 24	0 37	9 8	1 48	25 29	11 43	17 1	17 21	24 21	16 41	2 59
T 24	8 36	12 53	4 52	14 56	1 30	13 53	1 16	10 0	0 15	23 7	0 23	11 43	1 38	4 25	0 37	9 9	1 47	25 29	11 43	17 2	17 22	24 19	16 41	2 59
F 25	8 14	17 58	5 11	14 25	1 36	13 28	1 17	10 16	0 16	23 7	0 23	11 40	1 38	4 27	0 37	9 9	1 47	25 29	11 43	17 3	17 23	24 18	16 41	3 0
S 26	7 52	22 16	5 12	13 52	1 40	13 3	1 18	10 31	0 16	23 7	0 23	11 38	1 38	4 28	0 37	9 10	1 47	25 30	11 43	17 4	17 24	24 16	16 40	3 0
S 27	7 30	25 26	4 57	13 17	1 44	12 38	1 19	10 46	0 17	23 7	0 23	11 35	1 38	4 29	0 37	9 11	1 47	25 30	11 43	17 4	17 25	24 14	16 40	3 0
M28	7 8	27 7	4 23	12 40	1 46	12 12	1 20	11 2	0 18	23 7	0 23	11 32	1 38	4 31	0 37	9 11	1 47	25 30	11 43	17 4	17 26	24 12	16 40	3 1
T 29	6 45	27 5	3 34	12 2	1 48	11 46	1 20	11 17	0 19	23 8	0 23	11 30	1 38	4 32	0 37	9 12	1 47	25 31	11 43	17 4	17 26	24 11	16 39	3 1
W30	6 23	25 16	2 30	11 22	1 49	11 19	1 21	11 32	0 19	23 8	0 23	11 27	1 38	4 33	0 37	9 13	1 47	25 31	11 43	17 4	17 27	24 9	16 39	3 1
T 31	6n 0	21n45	1n16	10n40	1n50	10n53	1n22	11s47	0s20	23n 8	0s23	11n24	1n38	4s35	0n37	9s13	1n47	25s32	11s43	17s 3	17s28	24s 7	16n39	3s 1

Julian Day Number = 2196460.5, Delta T = 10m22s
Ecliptic obliquity = 23°31'54, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 14°59'59, Lahiri = 14°06'59 Julian Calendar 1 Aug. 1301 == Greg. Calendar 9 Aug. 1301

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ASTRODIENST EPHEMERIS for the year 1301
geocentric

SEPTEMBER 1301 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	23 10 43	15♍47'41	13♌15	8♍53	6♍32	0♏34	27♊46	4♍40	13♎ 2	28♎16	21°R13	12°R44	11♒11	19♉ 5	27°R 7	F 1
S 2	23 14 39	16°46'21	27°50	10°45	7°47	1°15	27°53	4°47	13° 5	28°18	21♒12	12♒43	11° 8	19°12	27♉ 6	S 2
S 3	23 18 36	17°45'04	12♍20	12°37	9° 2	1°56	28° 0	4°55	13° 9	28°19	21°11	12°40	11° 5	19°18	27° 6	S 3
M 4	23 22 32	18°43'48	26°39	14°29	10°16	2°37	28° 6	5° 2	13°12	28°21	21°10	12°36	11° 2	19°25	27° 5	M 4
T 5	23 26 29	19°42'35	10♎40	16°20	11°31	3°19	28°13	5° 9	13°16	28°23	21° 9	12°30	10°59	19°32	27° 4	T 5
W 6	23 30 25	20°41'23	24°20	18°10	12°46	4° 0	28°19	5°17	13°19	28°25	21° 8	12°24	10°56	19°38	27° 4	W 6
T 7	23 34 22	21°40'13	7♏36	20° 0	14° 0	4°41	28°25	5°24	13°23	28°27	21° 6	12°18	10°52	19°45	27° 3	T 7
F 8	23 38 18	22°39'05	20°30	21°49	15°15	5°23	28°31	5°31	13°26	28°29	21° 5	12°13	10°49	19°51	27° 2	F 8
S 9	23 42 15	23°37'59	3♐ 2	23°37	16°30	6° 4	28°37	5°39	13°30	28°31	21° 4	12° 9	10°46	19°58	27° 1	S 9
S 10	23 46 11	24°36'55	15°16	25°24	17°45	6°46	28°43	5°46	13°34	28°32	21° 3	12° 7	10°43	20° 5	27° 0	S 10
M11	23 50 8	25°35'53	27°17	27°10	19° 0	7°28	28°48	5°53	13°37	28°34	21° 2	12°D 6	10°40	20°11	26°59	M11
T 12	23 54 5	26°34'52	9♑ 9	28°56	20°15	8° 9	28°54	6° 1	13°41	28°36	21° 1	12° 7	10°37	20°18	26°58	T 12
W13	23 58 1	27°33'53	20°58	0♎40	21°29	8°51	28°59	6° 8	13°44	28°38	21° 0	12° 8	10°33	20°25	26°57	W13
T 14	0 1 58	28°32'56	2♒48	2°24	22°44	9°33	29° 4	6°15	13°48	28°40	20°59	12°10	10°30	20°31	26°56	T 14
F 15	0 5 54	29°32'01	14°45	4° 7	23°59	10°15	29° 9	6°22	13°52	28°42	20°58	12°R10	10°27	20°38	26°54	F 15
S 16	0 9 51	0♎31'07	26°52	5°49	25°14	10°57	29°14	6°29	13°55	28°44	20°57	12° 9	10°24	20°45	26°53	S 16
S 17	0 13 47	1°30'16	9♓13	7°30	26°29	11°39	29°18	6°36	13°59	28°46	20°56	12° 5	10°21	20°51	26°52	S 17
M18	0 17 44	2°29'26	21°49	9°10	27°44	12°21	29°23	6°43	14° 3	28°48	20°56	12° 0	10°17	20°58	26°50	M18
T 19	0 21 40	3°28'39	4♈42	10°50	28°59	13° 4	29°27	6°50	14° 7	28°51	20°55	11°52	10°14	21° 5	26°49	T 19
W20	0 25 37	4°27'53	17°52	12°29	0♎14	13°46	29°31	6°57	14°10	28°53	20°54	11°43	10°11	21°11	26°47	W20
T 21	0 29 34	5°27'10	1♉15	14° 7	1°29	14°28	29°35	7° 4	14°14	28°55	20°53	11°34	10° 8	21°18	26°45	T 21
F 22	0 33 30	6°26'29	14°52	15°44	2°44	15°11	29°38	7°11	14°18	28°57	20°52	11°25	10° 5	21°25	26°44	F 22
S 23	0 37 27	7°25'50	28°38	17°20	3°59	15°54	29°42	7°18	14°22	28°59	20°51	11°18	10° 2	21°31	26°42	S 23
S 24	0 41 23	8°25'14	12♊32	18°56	5°14	16°36	29°45	7°25	14°25	29° 1	20°50	11°13	9°58	21°38	26°40	S 24
M25	0 45 20	9°24'40	26°32	20°31	6°29	17°19	29°48	7°32	14°29	29° 3	20°50	11°10	9°55	21°45	26°38	M25
T 26	0 49 16	10°24'08	10♋37	22° 6	7°45	18° 2	29°51	7°39	14°33	29° 5	20°49	11°D 9	9°52	21°51	26°36	T 26
W27	0 53 13	11°23'39	24°44	23°39	9° 0	18°45	29°54	7°45	14°37	29° 7	20°48	11°10	9°49	21°58	26°34	W27
T 28	0 57 9	12°23'12	8♌54	25°12	10°15	19°27	29°57	7°52	14°40	29°10	20°47	11°R10	9°46	22° 5	26°32	T 28
F 29	1 1 6	13°22'47	23° 5	26°45	11°30	20°11	29°59	7°59	14°44	29°12	20°47	11°10	9°43	22°11	26°30	F 29
S 30	1 5 3	14♎22'25	7♍14	28♎16	12♎45	20♏54	0♋ 1	8♍ 5	14♎48	29♎14	20♒46	11♒ 7	9♒39	22♉18	26♉28	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	5n37	16n52	0s 3	9n57	1n49	10n26	1n23	12s 2	0s21	23n 8	0s23	11n22	1n38	4s36	0n37	9s14	1n47	25s32	11s43	17s 3	17s29	24s 5	16n38	3s 2	
S 2	5 14	11 0	1 22	9 14	1 48	9 58	1 23	12 17	0 21	23 8	0 23	11 19	1 38	4 37	0 37	9 14	1 47	25 32	11 43	17 4	17 30	24 4	16 38	3 2	
S 3	4 52	4 35	2 35	8 29	1 46	9 31	1 24	12 32	0 22	23 8	0 23	11 16	1 38	4 39	0 37	9 15	1 47	25 32	11 43	17 4	17 31	24 2	16 38	3 2	
M 4	4 29	1s58	3 37	7 44	1 44	9 3	1 24	12 47	0 23	23 9	0 22	11 14	1 38	4 40	0 37	9 16	1 47	25 33	11 43	17 5	17 32	24 0	16 37	3 3	
T 5	4 5	8 17	4 24	6 58	1 41	8 35	1 25	13 2	0 23	23 9	0 22	11 11	1 39	4 42	0 37	9 17	1 47	25 33	11 42	17 7	17 33	23 58	16 37	3 3	
W 6	3 42	14 2	4 55	6 12	1 38	8 6	1 25	13 17	0 24	23 9	0 22	11 8	1 39	4 43	0 37	9 17	1 47	25 33	11 42	17 9	17 33	23 56	16 36	3 3	
T 7	3 19	18 58	5 9	5 25	1 35	7 38	1 25	13 31	0 25	23 9	0 22	11 6	1 39	4 44	0 37	9 18	1 47	25 34	11 42	17 11	17 34	23 55	16 36	3 3	
F 8	2 56	22 52	5 7	4 39	1 30	7 9	1 26	13 46	0 25	23 9	0 22	11 3	1 39	4 46	0 36	9 19	1 47	25 34	11 42	17 12	17 35	23 53	16 35	3 4	
S 9	2 32	25 35	4 50	3 52	1 26	6 40	1 26	14 0	0 26	23 9	0 22	11 1	1 39	4 47	0 36	9 19	1 47	25 34	11 42	17 13	17 36	23 51	16 35	3 4	
S 10	2 9	27 1	4 20	3 5	1 21	6 10	1 26	14 15	0 27	23 9	0 22	10 58	1 39	4 49	0 36	9 20	1 47	25 34	11 42	17 14	17 37	23 49	16 34	3 4	
M11	1 45	27 9	3 39	2 18	1 16	5 41	1 26	14 29	0 27	23 9	0 22	10 55	1 39	4 50	0 36	9 21	1 47	25 35	11 42	17 14	17 38	23 47	16 34	3 5	
T 12	1 22	26 2	2 49	1 31	1 11	5 12	1 26	14 43	0 28	23 10	0 22	10 53	1 39	4 52	0 36	9 21	1 47	25 35	11 42	17 14	17 39	23 46	16 33	3 5	
W13	0 58	23 44	1 52	0 44	1 5	4 42	1 26	14 57	0 29	23 10	0 22	10 50	1 39	4 53	0 36	9 22	1 47	25 35	11 42	17 13	17 40	23 44	16 33	3 5	
T 14	0 35	20 26	0 51	0s 3	1 0	4 12	1 25	15 11	0 29	23 10	0 22	10 48	1 40	4 54	0 36	9 23	1 47	25 35	11 41	17 13	17 40	23 42	16 32	3 6	
F 15	0 11	16 15	0n14	0 49	0 54	3 42	1 25	15 25	0 30	23 10	0 22	10 45	1 40	4 56	0 36	9 24	1 47	25 35	11 41	17 13	17 41	23 40	16 32	3 6	
S 16	0s12	11 22	1 19	1 36	0 47	3 12	1 25	15 39	0 31	23 10	0 22	10 43	1 40	4 57	0 36	9 24	1 47	25 36	11 41	17 13	17 42	23 38	16 31	3 6	
S 17	0 36	5 58	2 21	2 21	0 41	2 42	1 24	15 53	0 31	23 10	0 22	10 40	1 40	4 59	0 36	9 25	1 47	25 36	11 41	17 14	17 43	23 36	16 30	3 6	
M18	1 0	0 14	3 17	3 7	0 35	2 11	1 24	16 7	0 32	23 10	0 22	10 38	1 40	5 0	0 36	9 26	1 47	25 36	11 41	17 16	17 44	23 35	16 30	3 7	
T 19	1 23	5n37	4 4	3 52	0 28	1 41	1 24	16 20	0 32	23 10	0 22	10 35	1 40	5 2	0 36	9 27	1 47	25 36	11 41	17 18	17 45	23 33	16 29	3 7	
W20	1 47	11 20	4 40	4 37	0 22	1 10	1 23	16 33	0 33	23 10	0 22	10 33	1 40	5 3	0 36	9 27	1 47	25 36	11 40	17 20	17 46	23 31	16 29	3 7	
T 21	2 10	16 39	5 1	5 21	0 15	0 40	1 22	16 47	0 34	23 10	0 22	10 30	1 40	5 5	0 36	9 28	1 47	25 36	11 40	17 23	17 46	23 29	16 28	3 8	
F 22	2 34	21 12	5 5	6 5	0 8	0 9	1 22	17 0	0 34	23 10	0 22	10 28	1 41	5 6	0 36	9 29	1 47	25 36	11 40	17 25	17 47	23 27	16 27	3 8	
S 23	2 58	24 40	4 52	6 49	0 1	0s21	1 21	17 13	0 35	23 10	0 22	10 25	1 41	5 7	0 36	9 30	1 46	25 37	11 40	17 27	17 48	23 25	16 27	3 8	
S 24	3 21	26 42	4 21	7 32	0s 6	0 52	1 20	17 26	0 35	23 10	0 21	10 23	1 41	5 9	0 36	9 30	1 46	25 37	11 40	17 29	17 49	23 23	16 26	3 8	
M25	3 45	27 4	3 35	8 14	0 13	1 22	1 19	17 39	0 36	23 10	0 21	10 20	1 41	5 10	0 36	9 31	1 46	25 37	11 40	17 29	17 50	23 21	16 25	3 9	
T 26	4 8	25 42	2 36	8 56	0 20	1 53	1 18	17 51	0 37	23 11	0 21	10 18	1 41	5 12	0 36	9 32	1 46	25 37	11 39	17 30	17 51	23 19	16 25	3 9	
W27	4 31	22 41	1 27	9 38	0 27	2 24	1 17	18 4	0 37	23 11	0 21	10 16	1 41	5 13	0 36	9 33	1 46	25 37	11 39	17 30	17 52	23 18	16 24	3 9	
T 28	4 55	18 18	0 12	10 18	0 33	2 54	1 16	18 16	0 38	23 11	0 21	10 13	1 41	5 15	0 36	9 34	1 46	25 37	11 39	17 29	17 52	23 16	16 23	3 9	
F 29	5 18	12 53	1s 3	10 59	0 40	3 25	1 15	18 28	0 38	23 11	0 21	10 11	1 42	5 16	0 36	9 34	1 46	25 37	11 39	17 30	17 53	23 14	16 22	3 10	
S 30	5s41	6n49	2s14	11s38	0s47	3s55	1n14	18s40	0s39	23n11	0s21	10n 8	1n42	5s18	0n36	9s35	1n46	25s37	11s39	17s30	17s54	23s12	16n22	3s10	

Julian Day Number = 2196491.5, Delta T = 10m22s
Ecliptic obliquity = 23°31'54, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°00'03, Lahiri = 14°07'03 Julian Calendar 1 Sept. 1301 == Greg. Calendar 9 Sept. 1301

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ASTRODIENST EPHEMERIS for the year 1301
geocentric

OCTOBER 1301 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	1 8 59	15♎22'05	21♍19	29♎48	14♎ 0	21♏37	0♋ 3	8♍12	14♎52	29♎16	20°R45	11°R 2	9♒36	22♑25	26°R26	S 1
M 2	1 12 56	16°21'47	5♎15	1♏18	15°15	22°20	0° 5	8°18	14°55	29°18	20♒45	10♒54	9°33	22°31	26♉23	M 2
T 3	1 16 52	17°21'31	18°58	2°48	16°31	23° 3	0° 6	8°25	14°59	29°21	20°44	10°43	9°30	22°38	26°21	T 3
W 4	1 20 49	18°21'17	2♏26	4°17	17°46	23°47	0° 8	8°31	15° 3	29°23	20°44	10°32	9°27	22°44	26°19	W 4
T 5	1 24 45	19°21'05	15°35	5°46	19° 1	24°30	0° 9	8°37	15° 7	29°25	20°43	10°20	9°23	22°51	26°16	T 5
F 6	1 28 42	20°20'55	28°24	7°14	20°16	25°14	0°10	8°44	15°11	29°27	20°42	10° 9	9°20	22°58	26°14	F 6
S 7	1 32 38	21°20'47	10♐55	8°41	21°32	25°57	0°11	8°50	15°14	29°29	20°42	10° 0	9°17	23° 4	26°11	S 7
S 8	1 36 35	22°20'40	23° 8	10° 8	22°47	26°41	0°11	8°56	15°18	29°32	20°41	9°54	9°14	23°11	26° 9	S 8
M 9	1 40 32	23°20'36	5♑ 8	11°34	24° 2	27°25	0°12	9° 2	15°22	29°34	20°41	9°50	9°11	23°18	26° 6	M 9
T 10	1 44 28	24°20'33	17° 0	12°59	25°17	28° 8	0°R12	9° 8	15°26	29°36	20°41	9°49	9° 8	23°24	26° 3	T 10
W11	1 48 25	25°20'31	28°48	14°23	26°33	28°52	0°12	9°14	15°29	29°38	20°40	9°D48	9° 4	23°31	26° 1	W11
T 12	1 52 21	26°20'32	10♒38	15°47	27°48	29°36	0°12	9°20	15°33	29°41	20°40	9°R48	9° 1	23°38	25°58	T 12
F 13	1 56 18	27°20'34	22°36	17°10	29° 3	0♐20	0°11	9°26	15°37	29°43	20°39	9°48	8°58	23°44	25°55	F 13
S 14	2 0 14	28°20'37	4♓46	18°32	0♏18	1° 4	0°11	9°32	15°41	29°45	20°39	9°45	8°55	23°51	25°52	S 14
S 15	2 4 11	29°20'43	17°13	19°53	1°34	1°48	0°10	9°38	15°44	29°47	20°39	9°41	8°52	23°58	25°49	S 15
M16	2 8 7	0♏20'49	0♈ 1	21°12	2°49	2°33	0° 9	9°43	15°48	29°50	20°38	9°33	8°48	24° 4	25°46	M16
T 17	2 12 4	1°20'58	13°10	22°31	4° 4	3°17	0° 8	9°49	15°52	29°52	20°38	9°23	8°45	24°11	25°43	T 17
W18	2 16 1	2°21'09	26°41	23°49	5°19	4° 1	0° 6	9°55	15°55	29°54	20°38	9°11	8°42	24°18	25°40	W18
T 19	2 19 57	3°21'21	10♉30	25° 5	6°35	4°46	0° 5	10° 0	15°59	29°56	20°38	8°58	8°39	24°24	25°37	T 19
F 20	2 23 54	4°21'35	24°34	26°19	7°50	5°30	0° 3	10° 5	16° 3	29°59	20°37	8°46	8°36	24°31	25°34	F 20
S 21	2 27 50	5°21'51	8♊47	27°32	9° 5	6°14	0° 1	10°11	16° 6	0♏ 1	20°37	8°35	8°33	24°38	25°31	S 21
S 22	2 31 47	6°22'09	23° 5	28°43	10°21	6°59	29♊59	10°16	16°10	0° 3	20°37	8°28	8°29	24°44	25°28	S 22
M23	2 35 43	7°22'29	7♋22	29°52	11°36	7°44	29°56	10°21	16°13	0° 5	20°37	8°23	8°26	24°51	25°25	M23
T 24	2 39 40	8°22'51	21°35	0♐58	12°51	8°28	29°54	10°26	16°17	0° 8	20°37	8°21	8°23	24°57	25°22	T 24
W25	2 43 36	9°23'15	5♌43	2° 2	14° 7	9°13	29°51	10°32	16°21	0°10	20°37	8°21	8°20	25° 4	25°19	W25
T 26	2 47 33	10°23'41	19°45	3° 2	15°22	9°58	29°48	10°37	16°24	0°12	20°37	8°20	8°17	25°11	25°15	T 26
F 27	2 51 30	11°24'09	3♍39	4° 0	16°37	10°43	29°45	10°41	16°28	0°14	20°D37	8°19	8°14	25°17	25°12	F 27
S 28	2 55 26	12°24'39	17°26	4°53	17°53	11°28	29°41	10°46	16°31	0°16	20°37	8°16	8°10	25°24	25° 9	S 28
S 29	2 59 23	13°25'10	1♎ 5	5°42	19° 8	12°13	29°38	10°51	16°35	0°19	20°37	8°10	8° 7	25°31	25° 6	S 29
M30	3 3 19	14°25'44	14°35	6°26	20°23	12°58	29°34	10°56	16°38	0°21	20°37	8° 0	8° 4	25°37	25° 2	M30
T 31	3 7 16	15♏26'19	27♎55	7♐ 5	21♏39	13♐43	29♊30	11♍ 0	16♎41	0♏23	20♒37	7♒48	8♒ 1	25♑44	24♉59	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	6s 4	0n27	3s17	12s17	0s54	4s26	1n13	18s52	0s39	23n11	0s21	10n 6	1n42	5s19	0n36	9s36	1n46	25s37	11s39	17s32	17s55	23s10	16n21	3s10
M 2	6 28	5s52	4 7	12 55	1 1	4 56	1 11	19 4	0 40	23 11	0 21	10 4	1 42	5 21	0 36	9 37	1 46	25 37	11 38	17 34	17 56	23 8	16 20	3 10
T 3	6 50	11 47	4 41	13 33	1 7	5 26	1 10	19 16	0 40	23 11	0 21	10 2	1 42	5 22	0 36	9 38	1 46	25 37	11 38	17 37	17 57	23 6	16 19	3 11
W 4	7 13	17 2	4 59	14 9	1 14	5 56	1 9	19 27	0 41	23 11	0 21	9 59	1 42	5 24	0 36	9 38	1 46	25 37	11 38	17 40	17 57	23 4	16 18	3 11
T 5	7 36	21 22	5 1	14 45	1 20	6 26	1 7	19 38	0 42	23 11	0 21	9 57	1 43	5 25	0 36	9 39	1 46	25 37	11 38	17 43	17 58	23 2	16 18	3 11
F 6	7 59	24 33	4 47	15 21	1 27	6 56	1 6	19 50	0 42	23 11	0 21	9 55	1 43	5 27	0 36	9 40	1 46	25 37	11 37	17 46	17 59	23 0	16 17	3 11
S 7	8 21	26 27	4 20	15 55	1 33	7 26	1 4	20 1	0 43	23 11	0 21	9 53	1 43	5 28	0 36	9 41	1 46	25 37	11 37	17 49	18 0	22 58	16 16	3 12
S 8	8 44	27 2	3 41	16 29	1 39	7 55	1 3	20 11	0 43	23 11	0 21	9 51	1 43	5 29	0 36	9 41	1 46	25 37	11 37	17 50	18 1	22 56	16 15	3 12
M 9	9 6	26 19	2 53	17 1	1 45	8 25	1 1	20 22	0 44	23 11	0 21	9 48	1 43	5 31	0 36	9 42	1 46	25 37	11 37	17 51	18 2	22 54	16 14	3 12
T 10	9 28	24 24	1 58	17 33	1 51	8 54	0 59	20 32	0 44	23 11	0 21	9 46	1 43	5 32	0 36	9 43	1 46	25 37	11 37	17 52	18 3	22 52	16 14	3 12
W11	9 50	21 26	0 58	18 4	1 56	9 23	0 58	20 43	0 45	23 11	0 20	9 44	1 44	5 34	0 36	9 44	1 46	25 37	11 36	17 52	18 3	22 50	16 13	3 13
T 12	10 12	17 34	0n 4	18 34	2 2	9 52	0 56	20 53	0 45	23 11	0 20	9 42	1 44	5 35	0 36	9 45	1 46	25 37	11 36	17 52	18 4	22 48	16 12	3 13
F 13	10 34	12 59	1 7	19 3	2 7	10 20	0 54	21 3	0 46	23 12	0 20	9 40	1 44	5 37	0 36	9 45	1 46	25 37	11 36	17 52	18 5	22 46	16 11	3 13
S 14	10 56	7 49	2 8	19 31	2 12	10 49	0 52	21 12	0 46	23 12	0 20	9 38	1 44	5 38	0 36	9 46	1 46	25 37	11 36	17 52	18 6	22 44	16 10	3 13
S 15	11 17	2 14	3 4	19 58	2 16	11 17	0 50	21 22	0 47	23 12	0 20	9 36	1 44	5 40	0 36	9 47	1 46	25 37	11 35	17 54	18 7	22 42	16 9	3 13
M16	11 38	3n34	3 53	20 24	2 21	11 44	0 48	21 31	0 47	23 12	0 20	9 34	1 45	5 41	0 36	9 48	1 46	25 36	11 35	17 56	18 8	22 40	16 8	3 14
T 17	11 59	9 22	4 30	20 48	2 25	12 12	0 46	21 40	0 48	23 12	0 20	9 32	1 45	5 42	0 36	9 49	1 46	25 36	11 35	17 59	18 8	22 38	16 7	3 14
W18	12 20	14 53	4 53	21 12	2 29	12 39	0 44	21 49	0 48	23 12	0 20	9 30	1 45	5 44	0 36	9 49	1 46	25 36	11 35	18 2	18 9	22 36	16 7	3 14
T 19	12 41	19 46	5 0	21 34	2 32	13 6	0 42	21 58	0 49	23 12	0 20	9 28	1 45	5 45	0 36	9 50	1 46	25 36	11 35	18 5	18 10	22 34	16 6	3 14
F 20	13 1	23 39	4 49	21 55	2 35	13 33	0 40	22 6	0 49	23 12	0 20	9 26	1 45	5 47	0 36	9 51	1 46	25 36	11 34	18 8	18 11	22 32	16 5	3 14
S 21	13 22	26 8	4 20	22 14	2 37	13 59	0 38	22 15	0 50	23 12	0 20	9 24	1 46	5 48	0 36	9 52	1 46	25 36	11 34	18 11	18 12	22 30	16 4	3 15
S 22	13 42	26 55	3 35	22 32	2 39	14 25	0 36	22 23	0 50	23 12	0 20	9 23	1 46	5 49	0 36	9 52	1 46	25 36	11 34	18 13	18 13	22 28	16 3	3 15
M23	14 2	25 55	2 36	22 49	2 41	14 50	0 34	22 31	0 50	23 12	0 20	9 21	1 46	5 51	0 36	9 53	1 46	25 35	11 34	18 14	18 13	22 26	16 2	3 15
T 24	14 21	23 14	1 27	23 4	2 42	15 15	0 32	22 38	0 51	23 12	0 20	9 19	1 46	5 52	0 36	9 54	1 46	25 35	11 33	18 15	18 14	22 24	16 1	3 15
W25	14 41	19 8	0 14	23 18	2 42	15 40	0 29	22 46	0 51	23 12	0 19	9 17	1 46	5 54	0 36	9 55	1 46	25 35	11 33	18 15	18 15	22 22	16 0	3 15
T 26	15 0	14 0	1s 0	23 30	2 42	16 4	0 27	22 53	0 52	23 13	0 19	9 16	1 47	5 55	0 36	9 56	1 46	25 35	11 33	18 15	18 16	22 20	15 59	3 15
F 27	15 19	8 12	2 9	23 40	2 41	16 28	0 25	23 0	0 52	23 13	0 19	9 14	1 47	5 56	0 36	9 56	1 46	25 35	11 33	18 15	18 17	22 18	15 58	3 16
S 28	15 37	2 3	3 11	23 48	2 39	16 52	0 23	23 7	0 53	23 13	0 19	9 12	1 47	5 58	0 36	9 57	1 46	25 34	11 32	18 16	18 18	22 16	15 57	3 16
S 29	15 56	4s 6	4 0	23 54	2 36	17 15	0 20	23 13	0 53	23 13	0 19	9 11	1 47	5 59	0 36	9 58	1 46	25 34	11 32	18 18	18 18	22 14	15 57	3 16
M30	16 14	10 0	4 36	23 59	2 33	17 38	0 18	23 19	0 53	23 13	0 19	9 9	1 48	6 0	0 36	9 59	1 46	25 34	11 32	18 20	18 19	22 12	15 56	3 16
T 31	16s32	15s22	4s56	24s 1	2s28	18s 0	0n16	23s25	0s54	23n13	0s19	9n 8	1n48	6s 2	0n36	9s59	1n46	25s34	11s32	18s23	18s20	22s 9	15n55	3s16

Julian Day Number = 2196521.5, Delta T = 10m21s
Ecliptic obliquity = 23°31'54, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°00'07, Lahiri = 14°07'07 Julian Calendar 1 Oct. 1301 == Greg. Calendar 9 Oct. 1301

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ASTRODIENST EPHEMERIS for the year 1301
geocentric

NOVEMBER 1301 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	3 11 12	16♏26'56	11♏ 2	7♐37	22♏54	14♐28	29°R26	11♍ 5	16♎45	0♏25	20♒37	7°R35	7♒58	25♉51	24°R56	W 1
T 2	3 15 9	17°27'34	23°55	8° 3	24° 9	15°13	29♊22	11° 9	16°48	0°27	20°37	7♒21	7°54	25°57	24♉52	T 2
F 3	3 19 5	18°28'14	6♐32	8°21	25°25	15°59	29°17	11°14	16°52	0°30	20°37	7° 9	7°51	26° 4	24°49	F 3
S 4	3 23 2	19°28'55	18°55	8°31	26°40	16°44	29°12	11°18	16°55	0°32	20°38	6°58	7°48	26°11	24°46	S 4
S 5	3 26 59	20°29'38	1♑ 4	8°R31	27°55	17°29	29° 8	11°22	16°58	0°34	20°38	6°50	7°45	26°17	24°42	S 5
M 6	3 30 55	21°30'22	13° 1	8°22	29°11	18°15	29° 3	11°26	17° 2	0°36	20°38	6°45	7°42	26°24	24°39	M 6
T 7	3 34 52	22°31'06	24°51	8° 2	0♐26	19° 0	28°57	11°30	17° 5	0°38	20°38	6°42	7°39	26°31	24°36	T 7
W 8	3 38 48	23°31'53	6♒38	7°31	1°42	19°46	28°52	11°34	17° 8	0°40	20°39	6°D42	7°35	26°37	24°32	W 8
T 9	3 42 45	24°32'40	18°26	6°50	2°57	20°31	28°47	11°38	17°11	0°42	20°39	6°42	7°32	26°44	24°29	T 9
F 10	3 46 41	25°33'28	0♓22	5°58	4°12	21°17	28°41	11°42	17°15	0°44	20°39	6°R42	7°29	26°50	24°25	F 10
S 11	3 50 38	26°34'17	12°31	4°56	5°28	22° 3	28°35	11°45	17°18	0°47	20°40	6°41	7°26	26°57	24°22	S 11
S 12	3 54 34	27°35'07	24°59	3°45	6°43	22°49	28°29	11°49	17°21	0°49	20°40	6°37	7°23	27° 4	24°19	S 12
M13	3 58 31	28°35'57	7♈49	2°28	7°58	23°34	28°23	11°52	17°24	0°51	20°40	6°31	7°20	27°10	24°15	M13
T 14	4 2 28	29°36'49	21° 4	1° 7	9°14	24°20	28°17	11°56	17°27	0°53	20°41	6°23	7°16	27°17	24°12	T 14
W15	4 6 24	0♐37'42	4♉46	29♏44	10°29	25° 6	28°10	11°59	17°30	0°55	20°41	6°13	7°13	27°24	24° 9	W15
T 16	4 10 21	1°38'36	18°52	28°23	11°44	25°52	28° 4	12° 2	17°33	0°57	20°42	6° 2	7°10	27°30	24° 5	T 16
F 17	4 14 17	2°39'31	3♊18	27° 5	12°59	26°38	27°57	12° 5	17°36	0°59	20°42	5°51	7° 7	27°37	24° 2	F 17
S 18	4 18 14	3°40'27	17°57	25°54	14°15	27°24	27°50	12° 8	17°39	1° 1	20°43	5°43	7° 4	27°44	23°59	S 18
S 19	4 22 10	4°41'24	2♋43	24°51	15°30	28°10	27°44	12°11	17°42	1° 3	20°44	5°36	7° 0	27°50	23°55	S 19
M20	4 26 7	5°42'22	17°26	23°58	16°45	28°56	27°37	12°14	17°45	1° 5	20°44	5°32	6°57	27°57	23°52	M20
T 21	4 30 3	6°43'21	2♌ 0	23°16	18° 1	29°42	27°29	12°16	17°47	1° 7	20°45	5°D31	6°54	28° 4	23°49	T 21
W22	4 34 0	7°44'22	16°23	22°45	19°16	0♑29	27°22	12°19	17°50	1° 8	20°45	5°31	6°51	28°10	23°45	W22
T 23	4 37 57	8°45'23	0♍30	22°26	20°31	1°15	27°15	12°21	17°53	1°10	20°46	5°32	6°48	28°17	23°42	T 23
F 24	4 41 53	9°46'26	14°22	22°D17	21°47	2° 1	27° 8	12°24	17°56	1°12	20°47	5°R32	6°45	28°24	23°39	F 24
S 25	4 45 50	10°47'29	27°59	22°19	23° 2	2°48	27° 0	12°26	17°58	1°14	20°48	5°31	6°41	28°30	23°36	S 25
S 26	4 49 46	11°48'34	11♎22	22°31	24°17	3°34	26°52	12°28	18° 1	1°16	20°48	5°27	6°38	28°37	23°32	S 26
M27	4 53 43	12°49'40	24°31	22°51	25°33	4°20	26°45	12°30	18° 3	1°18	20°49	5°21	6°35	28°43	23°29	M27
T 28	4 57 39	13°50'47	7♏28	23°20	26°48	5° 7	26°37	12°32	18° 6	1°19	20°50	5°12	6°32	28°50	23°26	T 28
W29	5 1 36	14°51'54	20°13	23°55	28° 3	5°53	26°29	12°34	18° 8	1°21	20°51	5° 3	6°29	28°57	23°23	W29
T 30	5 5 32	15♐53'02	2♐46	24♏37	29♐18	6♑40	26♊21	12♍36	18♎11	1♏23	20♒52	4♒53	6♒26	29♉ 3	23♉20	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
W 1	16s49	19s56	5s 0	24s 0	2s22	18s21	0n13	23s31	0s54	23n13	0s19	9n 6	1n48	6s 3	0n36	10s 0	1n46	25s33	11s31	18s27	18s21	22s 7	15n54	3s16	W 1
T 2	17 6	23 28	4 48	23 58	2 15	18 43	0 11	23 37	0 55	23 13	0 19	9 5	1 48	6 4	0 36	10 1	1 46	25 33	11 31	18 30	18 22	22 5	15 53	3 17	T 2
F 3	17 23	25 47	4 22	23 52	2 7	19 3	0 8	23 42	0 55	23 13	0 19	9 3	1 48	6 5	0 36	10 2	1 46	25 33	11 31	18 33	18 23	22 3	15 52	3 17	F 3
S 4	17 40	26 48	3 45	23 44	1 57	19 23	0 6	23 47	0 55	23 13	0 19	9 2	1 49	6 7	0 36	10 2	1 46	25 32	11 31	18 36	18 23	22 1	15 51	3 17	S 4
S 5	17 56	26 29	2 57	23 33	1 46	19 43	0 4	23 52	0 56	23 13	0 18	9 0	1 49	6 8	0 36	10 3	1 47	25 32	11 30	18 38	18 24	21 59	15 50	3 17	S 5
M 6	18 13	24 55	2 2	23 19	1 33	20 2	0 1	23 56	0 56	23 13	0 18	8 59	1 49	6 9	0 36	10 4	1 47	25 32	11 30	18 39	18 25	21 57	15 49	3 17	M 6
T 7	18 28	22 16	1 3	23 2	1 19	20 20	0s 1	24 1	0 56	23 13	0 18	8 58	1 49	6 10	0 36	10 5	1 47	25 31	11 30	18 40	18 26	21 55	15 48	3 17	T 7
W 8	18 44	18 42	0 0	22 41	1 3	20 38	0 4	24 5	0 57	23 13	0 18	8 56	1 50	6 12	0 36	10 5	1 47	25 31	11 30	18 40	18 27	21 53	15 47	3 17	W 8
T 9	18 59	14 23	1n 2	22 17	0 46	20 56	0 6	24 8	0 57	23 14	0 18	8 55	1 50	6 13	0 36	10 6	1 47	25 31	11 29	18 40	18 27	21 50	15 46	3 17	T 9
F 10	19 13	9 28	2 3	21 50	0 27	21 12	0 8	24 12	0 57	23 14	0 18	8 54	1 50	6 14	0 36	10 7	1 47	25 30	11 29	18 40	18 28	21 48	15 45	3 17	F 10
S 11	19 28	4 8	2 59	21 19	0 8	21 28	0 11	24 15	0 58	23 14	0 18	8 53	1 50	6 15	0 36	10 7	1 47	25 30	11 29	18 41	18 29	21 46	15 45	3 18	S 11
S 12	19 42	1n29	3 47	20 46	0n13	21 44	0 13	24 18	0 58	23 14	0 18	8 52	1 51	6 16	0 37	10 8	1 47	25 30	11 29	18 41	18 30	21 44	15 44	3 18	S 12
M13	19 55	7 11	4 26	20 11	0 33	21 59	0 16	24 21	0 58	23 14	0 18	8 51	1 51	6 18	0 37	10 9	1 47	25 29	11 28	18 43	18 31	21 42	15 43	3 18	M13
T 14	20 9	12 46	4 53	19 35	0 54	22 13	0 18	24 23	0 59	23 14	0 18	8 50	1 51	6 19	0 37	10 9	1 47	25 29	11 28	18 45	18 31	21 40	15 42	3 18	T 14
W15	20 22	17 55	5 3	18 59	1 13	22 27	0 21	24 25	0 59	23 14	0 17	8 49	1 51	6 20	0 37	10 10	1 47	25 29	11 28	18 47	18 32	21 37	15 41	3 18	W15
T 16	20 34	22 14	4 56	18 23	1 32	22 40	0 23	24 27	0 59	23 14	0 17	8 48	1 52	6 21	0 37	10 11	1 47	25 28	11 28	18 50	18 33	21 35	15 40	3 18	T 16
F 17	20 46	25 18	4 30	17 49	1 48	22 52	0 25	24 29	1 0	23 14	0 17	8 47	1 52	6 22	0 37	10 11	1 47	25 28	11 28	18 53	18 34	21 33	15 39	3 18	F 17
S 18	20 58	26 44	3 45	17 18	2 3	23 3	0 28	24 30	1 0	23 14	0 17	8 46	1 52	6 23	0 37	10 12	1 47	25 27	11 27	18 55	18 35	21 31	15 38	3 18	S 18
S 19	21 9	26 16	2 46	16 51	2 16	23 14	0 30	24 31	1 0	23 14	0 17	8 45	1 52	6 24	0 37	10 13	1 47	25 27	11 27	18 57	18 36	21 29	15 37	3 18	S 19
M20	21 20	23 58	1 35	16 28	2 26	23 24	0 32	24 32	1 1	23 14	0 17	8 44	1 53	6 25	0 37	10 13	1 47	25 27	11 27	18 58	18 36	21 27	15 37	3 18	M20
T 21	21 31	20 6	0 19	16 10	2 35	23 34	0 35	24 33	1 1	23 14	0 17	8 43	1 53	6 26	0 37	10 14	1 47	25 26	11 27	18 58	18 37	21 24	15 36	3 18	T 21
W22	21 41	15 4	0s58	15 56	2 41	23 43	0 37	24 33	1 1	23 14	0 17	8 42	1 53	6 28	0 37	10 15	1 47	25 26	11 26	18 58	18 38	21 22	15 35	3 18	W22
T 23	21 51	9 19	2 10	15 47	2 45	23 51	0 39	24 33	1 1	23 14	0 16	8 42	1 53	6 29	0 37	10 15	1 47	25 25	11 26	18 58	18 39	21 20	15 34	3 18	T 23
F 24	22 0	3 13	3 13	15 43	2 47	23 58	0 41	24 33	1 2	23 14	0 16	8 41	1 54	6 30	0 37	10 16	1 47	25 25	11 26	18 58	18 40	21 18	15 33	3 18	F 24
S 25	22 9	2s55	4 4	15 43	2 48	24 4	0 44	24 32	1 2	23 14	0 16	8 40	1 54	6 31	0 37	10 16	1 47	25 24	11 26	18 58	18 40	21 16	15 32	3 18	S 25
S 26	22 17	8 48	4 40	15 47	2 47	24 10	0 46	24 31	1 2	23 14	0 16	8 40	1 54	6 32	0 37	10 17	1 47	25 24	11 25	18 59	18 41	21 13	15 32	3 18	S 26
M27	22 25	14 12	5 1	15 54	2 45	24 15	0 48	24 30	1 2	23 14	0 16	8 39	1 54	6 33	0 37	10 18	1 47	25 23	11 25	19 0	18 42	21 11	15 31	3 18	M27
T 28	22 33	18 52	5 6	16 4	2 41	24 20	0 50	24 28	1 3	23 13	0 16	8 39	1 55	6 33	0 37	10 18	1 47	25 23	11 25	19 2	18 43	21 9	15 30	3 18	T 28
W29	22 40	22 37	4 56	16 17	2 37	24 23	0 52	24 27	1 3	23 13	0 16	8 38	1 55	6 34	0 37	10 19	1 47	25 22	11 25	19 5	18 44	21 7	15 29	3 18	W29
T 30	22s47	25s14	4s31	16s32	2n32	24s26	0s54	24s25	1s 3	23n13	0s16	8n38	1n55	6s35	0n37	10s19	1n47	25s22	11s25	19s 7	18s44	21s 4	15n28	3s18	T 30

Julian Day Number = 2196552.5, Delta T = 10m21s
Ecliptic obliquity = 23°31'53, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°00'11, Lahiri = 14°07'12 Julian Calendar 1 Nov. 1301 == Greg. Calendar 9 Nov. 1301

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ASTRODIENST EPHEMERIS for the year 1301
geocentric

DECEMBER 1301 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	5 9 29	16♐54'11	15♐ 8	25♏25	0♑34	7♑27	26°R13	12♍37	18♎13	1♏25	20♒52	4°R44	6♒22	29♑10	23°R17	F 1
S 2	5 13 26	17°55'21	27°19	26°18	1°49	8°13	26♊ 5	12°39	18°16	1°26	20°53	4♒36	6°19	29°17	23♉14	S 2
S 3	5 17 22	18°56'31	9♑20	27°15	3° 4	9° 0	25°57	12°40	18°18	1°28	20°54	4°31	6°16	29°23	23°11	S 3
M 4	5 21 19	19°57'41	21°13	28°16	4°19	9°47	25°49	12°42	18°20	1°30	20°55	4°27	6°13	29°30	23° 8	M 4
T 5	5 25 15	20°58'52	3♒ 1	29°21	5°35	10°33	25°41	12°43	18°22	1°31	20°56	4°D26	6°10	29°37	23° 5	T 5
W 6	5 29 12	22° 0'02	14°47	0♐28	6°50	11°20	25°33	12°44	18°25	1°33	20°57	4°27	6° 6	29°43	23° 2	W 6
T 7	5 33 8	23° 1'13	26°34	1°38	8° 5	12° 7	25°25	12°45	18°27	1°34	20°58	4°28	6° 3	29°50	22°59	T 7
F 8	5 37 5	24° 2'24	8♓29	2°51	9°20	12°54	25°17	12°46	18°29	1°36	20°59	4°30	6° 0	29°57	22°57	F 8
S 9	5 41 2	25° 3'35	20°35	4° 5	10°36	13°41	25° 9	12°46	18°31	1°38	21° 0	4°R31	5°57	0♒ 3	22°54	S 9
S 10	5 44 58	26° 4'46	2♈59	5°22	11°51	14°28	25° 1	12°47	18°33	1°39	21° 1	4°31	5°54	0°10	22°51	S 10
M11	5 48 55	27° 5'56	15°44	6°39	13° 6	15°14	24°52	12°48	18°35	1°41	21° 2	4°29	5°51	0°17	22°49	M11
T 12	5 52 51	28° 7'07	28°55	7°59	14°21	16° 1	24°44	12°48	18°37	1°42	21° 4	4°26	5°47	0°23	22°46	T 12
W13	5 56 48	29° 8'17	12♉34	9°20	15°36	16°48	24°36	12°48	18°39	1°43	21° 5	4°21	5°44	0°30	22°43	W13
T 14	6 0 44	0♑ 9'28	26°42	10°41	16°52	17°35	24°28	12°48	18°40	1°45	21° 6	4°16	5°41	0°36	22°41	T 14
F 15	6 4 41	1°10'38	11♊15	12° 4	18° 7	18°22	24°20	12°R49	18°42	1°46	21° 7	4°10	5°38	0°43	22°39	F 15
S 16	6 8 37	2°11'48	26° 8	13°28	19°22	19°10	24°12	12°49	18°44	1°47	21° 8	4° 6	5°35	0°50	22°36	S 16
S 17	6 12 34	3°12'58	11♋12	14°53	20°37	19°57	24° 4	12°48	18°45	1°49	21° 9	4° 3	5°32	0°56	22°34	S 17
M18	6 16 31	4°14'08	26°18	16°18	21°52	20°44	23°56	12°48	18°47	1°50	21°11	4° 1	5°28	1° 3	22°31	M18
T 19	6 20 27	5°15'18	11♌18	17°44	23° 7	21°31	23°48	12°48	18°49	1°51	21°12	4°D 1	5°25	1°10	22°29	T 19
W20	6 24 24	6°16'28	26° 3	19°11	24°22	22°18	23°41	12°47	18°50	1°53	21°13	4° 2	5°22	1°16	22°27	W20
T 21	6 28 20	7°17'38	10♍28	20°39	25°37	23° 5	23°33	12°47	18°52	1°54	21°14	4° 4	5°19	1°23	22°25	T 21
F 22	6 32 17	8°18'48	24°32	22° 7	26°52	23°52	23°25	12°46	18°53	1°55	21°16	4° 5	5°16	1°30	22°23	F 22
S 23	6 36 13	9°19'58	8♎13	23°36	28° 7	24°40	23°18	12°45	18°54	1°56	21°17	4°R 6	5°12	1°36	22°21	S 23
S 24	6 40 10	10°21'08	21°32	25° 5	29°22	25°27	23°10	12°44	18°55	1°57	21°18	4° 5	5° 9	1°43	22°19	S 24
M25	6 44 6	11°22'18	4♏32	26°35	0♒37	26°14	23° 3	12°43	18°57	1°58	21°20	4° 3	5° 6	1°50	22°17	M25
T 26	6 48 3	12°23'28	17°15	28° 5	1°52	27° 1	22°55	12°42	18°58	1°59	21°21	4° 1	5° 3	1°56	22°15	T 26
W27	6 52 0	13°24'38	29°43	29°36	3° 7	27°49	22°48	12°41	18°59	2° 0	21°22	3°58	5° 0	2° 3	22°13	W27
T 28	6 55 56	14°25'47	12♐ 0	1♑ 8	4°22	28°36	22°41	12°40	19° 0	2° 1	21°24	3°54	4°57	2°10	22°12	T 28
F 29	6 59 53	15°26'57	24° 7	2°39	5°37	29°23	22°34	12°38	19° 1	2° 2	21°25	3°51	4°53	2°16	22°10	F 29
S 30	7 3 49	16°28'05	6♑ 6	4°12	6°52	0♒11	22°27	12°37	19° 2	2° 3	21°27	3°49	4°50	2°23	22° 8	S 30
S 31	7 7 46	17♑29'14	17♑59	5♑45	8♒ 7	0♒58	22♊21	12♍35	19♎ 3	2♏ 4	21♒28	3♒47	4♒47	2♒29	22♉ 7	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22s53	26s35	3s54	16s49	2n27	24s28	0s56	24s22	1s 3	23n13	0s15	8n38	1n56	6s36	0n37	10s20	1n47	25s21	11s24	19s 9	18s45	21s 2	15n28	3s18
S 2	22 59	26 37	3 7	17 7	2 21	24 29	0 58	24 20	1 3	23 13	0 15	8 37	1 56	6 37	0 37	10 20	1 47	25 21	11 24	19 11	18 46	21 0	15 27	3 19
S 3	23 4	25 23	2 12	17 27	2 14	24 30	1 0	24 17	1 4	23 13	0 15	8 37	1 56	6 38	0 37	10 21	1 47	25 20	11 24	19 12	18 47	20 58	15 26	3 18
M 4	23 9	23 1	1 11	17 47	2 7	24 30	1 2	24 14	1 4	23 13	0 15	8 37	1 56	6 39	0 37	10 22	1 48	25 20	11 24	19 13	18 47	20 55	15 26	3 18
T 5	23 13	19 41	0 8	18 8	2 0	24 29	1 4	24 10	1 4	23 13	0 15	8 37	1 57	6 40	0 37	10 22	1 48	25 19	11 23	19 13	18 48	20 53	15 25	3 18
W 6	23 17	15 34	0n56	18 30	1 52	24 27	1 6	24 7	1 4	23 13	0 15	8 36	1 57	6 40	0 37	10 23	1 48	25 19	11 23	19 13	18 49	20 51	15 24	3 18
T 7	23 21	10 52	1 58	18 52	1 44	24 25	1 8	24 3	1 4	23 13	0 15	8 36	1 57	6 41	0 37	10 23	1 48	25 18	11 23	19 13	18 50	20 49	15 23	3 18
F 8	23 24	5 43	2 55	19 14	1 36	24 21	1 9	23 58	1 4	23 12	0 14	8 36	1 57	6 42	0 37	10 24	1 48	25 18	11 23	19 13	18 51	20 46	15 23	3 18
S 9	23 26	0 18	3 45	19 36	1 28	24 17	1 11	23 54	1 5	23 12	0 14	8 36	1 58	6 43	0 37	10 24	1 48	25 17	11 23	19 12	18 51	20 44	15 22	3 18
S 10	23 28	5n15	4 26	19 58	1 20	24 13	1 13	23 49	1 5	23 12	0 14	8 36	1 58	6 43	0 37	10 24	1 48	25 17	11 23	19 12	18 52	20 42	15 21	3 18
M11	23 30	10 45	4 56	20 19	1 12	24 7	1 14	23 44	1 5	23 12	0 14	8 36	1 58	6 44	0 37	10 25	1 48	25 16	11 22	19 13	18 53	20 39	15 21	3 18
T 12	23 31	15 58	5 11	20 40	1 4	24 1	1 16	23 38	1 5	23 12	0 14	8 36	1 59	6 45	0 37	10 25	1 48	25 16	11 22	19 14	18 54	20 37	15 20	3 18
W13	23 32	20 34	5 9	21 1	0 56	23 54	1 17	23 33	1 5	23 12	0 14	8 36	1 59	6 46	0 37	10 26	1 48	25 15	11 22	19 15	18 55	20 35	15 20	3 18
T 14	23 32	24 10	4 49	21 21	0 48	23 46	1 19	23 27	1 5	23 11	0 14	8 37	1 59	6 46	0 37	10 26	1 48	25 15	11 22	19 16	18 55	20 33	15 19	3 18
F 15	23 32	26 20	4 9	21 40	0 40	23 38	1 20	23 21	1 5	23 11	0 13	8 37	1 59	6 47	0 37	10 27	1 48	25 14	11 22	19 17	18 56	20 30	15 18	3 18
S 16	23 31	26 41	3 13	21 59	0 32	23 28	1 22	23 14	1 6	23 11	0 13	8 37	2 0	6 47	0 37	10 27	1 48	25 13	11 21	19 18	18 57	20 28	15 18	3 18
S 17	23 30	25 5	2 2	22 16	0 24	23 19	1 23	23 7	1 6	23 11	0 13	8 37	2 0	6 48	0 37	10 27	1 48	25 13	11 21	19 19	18 58	20 26	15 17	3 18
M18	23 28	21 40	0 42	22 33	0 16	23 8	1 24	23 0	1 6	23 11	0 13	8 38	2 0	6 49	0 37	10 28	1 48	25 12	11 21	19 20	18 58	20 23	15 17	3 18
T 19	23 26	16 49	0s40	22 49	0 9	22 57	1 25	22 53	1 6	23 10	0 13	8 38	2 0	6 49	0 37	10 28	1 48	25 12	11 21	19 20	18 59	20 21	15 16	3 18
W20	23 23	11 2	1 58	23 4	0 1	22 45	1 27	22 46	1 6	23 10	0 13	8 38	2 1	6 50	0 37	10 29	1 48	25 11	11 21	19 19	19 0	20 19	15 16	3 18
T 21	23 20	4 47	3 7	23 18	0s 6	22 32	1 28	22 38	1 6	23 10	0 12	8 39	2 1	6 50	0 37	10 29	1 48	25 11	11 21	19 19	19 1	20 16	15 15	3 18
F 22	23 16	1s32	4 3	23 31	0 14	22 19	1 29	22 30	1 6	23 10	0 12	8 39	2 1	6 51	0 37	10 29	1 48	25 10	11 20	19 19	19 2	20 14	15 15	3 18
S 23	23 12	7 36	4 44	23 43	0 21	22 5	1 29	22 21	1 6	23 9	0 12	8 40	2 2	6 51	0 37	10 30	1 48	25 9	11 20	19 18	19 2	20 12	15 14	3 18
S 24	23 8	13 10	5 8	23 54	0 28	21 50	1 30	22 13	1 6	23 9	0 12	8 41	2 2	6 52	0 37	10 30	1 49	25 9	11 20	19 19	19 3	20 9	15 14	3 18
M25	23 3	18 1	5 15	24 4	0 35	21 35	1 31	22 4	1 6	23 9	0 12	8 41	2 2	6 52	0 38	10 30	1 49	25 8	11 20	19 19	19 4	20 7	15 14	3 18
T 26	22 57	21 57	5 7	24 12	0 41	21 19	1 32	21 55	1 6	23 9	0 12	8 42	2 2	6 53	0 38	10 31	1 49	25 8	11 20	19 20	19 5	20 5	15 13	3 17
W27	22 51	24 47	4 44	24 19	0 48	21 2	1 33	21 46	1 6	23 9	0 12	8 43	2 3	6 53	0 38	10 31	1 49	25 7	11 20	19 20	19 5	20 2	15 13	3 17
T 28	22 45	26 25	4 8	24 25	0 54	20 45	1 33	21 36	1 6	23 8	0 11	8 43	2 3	6 53	0 38	10 31	1 49	25 6	11 20	19 21	19 6	20 0	15 13	3 17
F 29	22 38	26 46	3 22	24 30	1 0	20 27	1 34	21 26	1 6	23 8	0 11	8 44	2 3	6 54	0 38	10 31	1 49	25 6	11 20	19 22	19 7	19 58	15 12	3 17
S 30	22 31	25 51	2 27	24 34	1 6	20 9	1 34	21 16	1 6	23 8	0 11	8 45	2 3	6 54	0 38	10 32	1 49	25 5	11 19	19 22	19 8	19 55	15 12	3 17
S 31	22s23	23s45	1s26	24s36	1s11	19s50	1s35	21s 6	1s 6	23n 8	0s11	8n46	2n 4	6s54	0n38	10s32	1n49	25s 5	11s19	19s23	19s 8	19s53	15n12	3s17

Julian Day Number = 2196582.5, Delta T = 10m21s
Ecliptic obliquity = 23°31'53, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°00'15, Lahiri = 14°07'16 Julian Calendar 1 Dec. 1301 == Greg. Calendar 9 Dec. 1301

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ASTRODIENST EPHEMERIS for the year 1302
geocentric

JANUARY 1302 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	7 11 42	18♉30'21	29♉47	7♉19	9♒22	1♒45	22°R14	12°R33	19♎ 4	2♏ 5	21♒30	3°D46	4♒44	2♒36	22°R 5	M 1
T 2	7 15 39	19°31'28	11♒34	8°53	10°37	2°33	22♊ 7	12♍32	19° 5	2° 6	21°31	3♒46	4°41	2°43	22♉ 4	T 2
W 3	7 19 35	20°32'34	23°21	10°27	11°52	3°20	22° 1	12°30	19° 5	2° 6	21°33	3°47	4°38	2°49	22° 3	W 3
T 4	7 23 32	21°33'39	5♓12	12° 2	13° 7	4° 8	21°55	12°28	19° 6	2° 7	21°34	3°48	4°34	2°56	22° 1	T 4
F 5	7 27 29	22°34'43	17° 9	13°38	14°22	4°55	21°49	12°26	19° 7	2° 8	21°36	3°49	4°31	3° 3	22° 0	F 5
S 6	7 31 25	23°35'46	29°16	15°15	15°36	5°42	21°43	12°23	19° 7	2° 9	21°37	3°50	4°28	3° 9	21°59	S 6
S 7	7 35 22	24°36'48	11♈38	16°52	16°51	6°30	21°37	12°21	19° 8	2° 9	21°39	3°51	4°25	3°16	21°58	S 7
M 8	7 39 18	25°37'48	24°19	18°29	18° 6	7°17	21°32	12°18	19° 8	2°10	21°40	3°R51	4°22	3°23	21°57	M 8
T 9	7 43 15	26°38'48	7♉22	20° 7	19°21	8° 5	21°26	12°16	19° 9	2°10	21°42	3°51	4°18	3°29	21°56	T 9
W10	7 47 11	27°39'47	20°51	21°46	20°35	8°52	21°21	12°13	19° 9	2°11	21°43	3°51	4°15	3°36	21°55	W10
T 11	7 51 8	28°40'44	4♊47	23°26	21°50	9°40	21°16	12°11	19° 9	2°11	21°45	3°50	4°12	3°43	21°54	T 11
F 12	7 55 4	29°41'40	19°11	25° 6	23° 5	10°27	21°11	12° 8	19° 9	2°12	21°46	3°50	4° 9	3°49	21°54	F 12
S 13	7 59 1	0♒42'35	3♋58	26°47	24°19	11°15	21° 6	12° 5	19°10	2°12	21°48	3°49	4° 6	3°56	21°53	S 13
S 14	8 2 58	1°43'28	19° 3	28°28	25°34	12° 2	21° 1	12° 2	19°10	2°13	21°50	3°49	4° 3	4° 3	21°52	S 14
M15	8 6 54	2°44'21	4♌17	0♒11	26°48	12°49	20°57	11°59	19°10	2°13	21°51	3°D49	3°59	4° 9	21°52	M15
T 16	8 10 51	3°45'12	19°30	1°54	28° 3	13°37	20°53	11°56	19°R10	2°14	21°53	3°R49	3°56	4°16	21°51	T 16
W17	8 14 47	4°46'02	4♍33	3°38	29°17	14°24	20°49	11°53	19°10	2°14	21°54	3°49	3°53	4°22	21°51	W17
T 18	8 18 44	5°46'51	19°18	5°22	0♓32	15°12	20°45	11°49	19°10	2°14	21°56	3°49	3°50	4°29	21°51	T 18
F 19	8 22 40	6°47'38	3♎39	7° 7	1°46	15°59	20°41	11°46	19° 9	2°14	21°58	3°49	3°47	4°36	21°51	F 19
S 20	8 26 37	7°48'25	17°33	8°53	3° 1	16°47	20°38	11°42	19° 9	2°15	21°59	3°48	3°44	4°42	21°50	S 20
S 21	8 30 34	8°49'11	1♏ 0	10°40	4°15	17°34	20°34	11°39	19° 9	2°15	22° 1	3°48	3°40	4°49	21°50	S 21
M22	8 34 30	9°49'56	14° 2	12°27	5°29	18°22	20°31	11°35	19° 9	2°15	22° 3	3°D48	3°37	4°56	21°D50	M22
T 23	8 38 27	10°50'40	26°42	14°15	6°43	19° 9	20°28	11°32	19° 8	2°15	22° 4	3°48	3°34	5° 2	21°50	T 23
W24	8 42 23	11°51'23	9♐ 3	16° 4	7°58	19°56	20°25	11°28	19° 8	2°15	22° 6	3°49	3°31	5° 9	21°50	W24
T 25	8 46 20	12°52'05	21°11	17°53	9°12	20°44	20°23	11°24	19° 7	2°15	22° 8	3°50	3°28	5°16	21°51	T 25
F 26	8 50 16	13°52'45	3♑ 8	19°43	10°26	21°31	20°20	11°20	19° 7	2°R15	22° 9	3°51	3°24	5°22	21°51	F 26
S 27	8 54 13	14°53'24	14°59	21°33	11°40	22°19	20°18	11°16	19° 6	2°15	22°11	3°52	3°21	5°29	21°51	S 27
S 28	8 58 9	15°54'02	26°46	23°24	12°54	23° 6	20°16	11°12	19° 5	2°15	22°13	3°52	3°18	5°36	21°52	S 28
M29	9 2 6	16°54'38	8♒33	25°14	14° 8	23°54	20°15	11° 8	19° 5	2°15	22°14	3°R53	3°15	5°42	21°52	M29
T 30	9 6 3	17°55'13	20°21	27° 5	15°22	24°41	20°13	11° 4	19° 4	2°15	22°16	3°52	3°12	5°49	21°53	T 30
W31	9 9 59	18♒55'46	2♓14	28♒55	16♓36	25♒28	20♊12	11♍ 0	19♎ 3	2♏15	22♒18	3♒50	3♒ 9	5♒55	21♉53	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	22s15	20s38	0s22	24s36	1s17	19s30	1s35	20s55	1s 6	23n 7	0s11	8n47	2n 4	6s55	0n38	10s32	1n49	25s 4	11s19	19s23	19s 9	19s50	15n11	3s17
T 2	22 6	16 41	0n43	24 36	1 22	19 10	1 35	20 44	1 6	23 7	0 11	8 48	2 4	6 55	0 38	10 32	1 49	25 4	11 19	19 23	19 10	19 48	15 11	3 17
W 3	21 57	12 6	1 47	24 34	1 27	18 49	1 35	20 33	1 6	23 7	0 10	8 49	2 4	6 55	0 38	10 33	1 49	25 3	11 19	19 23	19 11	19 46	15 11	3 17
T 4	21 48	7 4	2 46	24 30	1 32	18 28	1 36	20 22	1 6	23 7	0 10	8 50	2 5	6 55	0 38	10 33	1 49	25 2	11 19	19 23	19 12	19 43	15 11	3 17
F 5	21 38	1 45	3 38	24 25	1 36	18 7	1 36	20 11	1 6	23 7	0 10	8 51	2 5	6 56	0 38	10 33	1 49	25 2	11 19	19 22	19 12	19 41	15 10	3 16
S 6	21 28	3n43	4 22	24 19	1 40	17 44	1 36	19 59	1 6	23 6	0 10	8 52	2 5	6 56	0 38	10 33	1 49	25 1	11 19	19 22	19 13	19 38	15 10	3 16
S 7	21 17	9 8	4 54	24 11	1 44	17 22	1 35	19 47	1 6	23 6	0 10	8 53	2 5	6 56	0 38	10 33	1 49	25 1	11 19	19 22	19 14	19 36	15 10	3 16
M 8	21 6	14 19	5 14	24 1	1 47	16 58	1 35	19 35	1 6	23 6	0 10	8 54	2 6	6 56	0 38	10 34	1 49	25 0	11 19	19 22	19 15	19 34	15 10	3 16
T 9	20 54	19 1	5 17	23 50	1 51	16 35	1 35	19 23	1 6	23 6	0 9	8 55	2 6	6 56	0 38	10 34	1 50	24 59	11 18	19 22	19 15	19 31	15 10	3 16
W10	20 42	22 55	5 4	23 38	1 54	16 11	1 35	19 10	1 6	23 6	0 9	8 57	2 6	6 56	0 38	10 34	1 50	24 59	11 18	19 22	19 16	19 29	15 10	3 16
T 11	20 30	25 39	4 33	23 24	1 56	15 46	1 34	18 57	1 6	23 5	0 9	8 58	2 6	6 56	0 38	10 34	1 50	24 58	11 18	19 22	19 17	19 26	15 10	3 16
F 12	20 18	26 48	3 44	23 8	1 58	15 21	1 34	18 44	1 6	23 5	0 9	8 59	2 7	6 56	0 38	10 34	1 50	24 58	11 18	19 22	19 18	19 24	15 10	3 16
S 13	20 5	26 7	2 39	22 51	2 0	14 56	1 33	18 31	1 6	23 5	0 9	9 0	2 7	6 57	0 38	10 34	1 50	24 57	11 18	19 22	19 18	19 22	15 9	3 16
S 14	19 51	23 31	1 21	22 32	2 2	14 30	1 33	18 18	1 5	23 5	0 9	9 2	2 7	6 57	0 38	10 34	1 50	24 56	11 18	19 22	19 19	19 19	15 9	3 15
M15	19 37	19 13	0s 3	22 11	2 3	14 4	1 32	18 4	1 5	23 5	0 8	9 3	2 7	6 57	0 38	10 34	1 50	24 56	11 18	19 22	19 20	19 17	15 9	3 15
T 16	19 23	13 40	1 26	21 49	2 4	13 38	1 31	17 51	1 5	23 5	0 8	9 5	2 7	6 57	0 38	10 34	1 50	24 55	11 18	19 22	19 21	19 14	15 9	3 15
W17	19 9	7 21	2 43	21 25	2 4	13 11	1 31	17 37	1 5	23 5	0 8	9 6	2 8	6 56	0 38	10 34	1 50	24 55	11 18	19 22	19 21	19 12	15 9	3 15
T 18	18 54	0 46	3 47	21 0	2 4	12 44	1 30	17 22	1 5	23 4	0 8	9 7	2 8	6 56	0 38	10 34	1 50	24 54	11 18	19 22	19 22	19 9	15 9	3 15
F 19	18 39	5s40	4 35	20 33	2 3	12 16	1 29	17 8	1 5	23 4	0 8	9 9	2 8	6 56	0 38	10 34	1 50	24 53	11 18	19 22	19 23	19 7	15 10	3 15
S 20	18 23	11 37	5 5	20 4	2 2	11 48	1 28	16 54	1 5	23 4	0 8	9 10	2 8	6 56	0 38	10 34	1 50	24 53	11 18	19 22	19 24	19 4	15 10	3 15
S 21	18 7	16 49	5 18	19 34	2 1	11 20	1 27	16 39	1 5	23 4	0 8	9 12	2 9	6 56	0 38	10 34	1 50	24 52	11 18	19 23	19 24	19 2	15 10	3 15
M22	17 51	21 5	5 13	19 2	1 59	10 52	1 25	16 24	1 4	23 4	0 7	9 14	2 9	6 56	0 38	10 34	1 50	24 52	11 18	19 23	19 25	19 0	15 10	3 14
T 23	17 35	24 14	4 53	18 28	1 56	10 23	1 24	16 9	1 4	23 4	0 7	9 15	2 9	6 56	0 38	10 34	1 50	24 51	11 18	19 23	19 26	18 57	15 10	3 14
W24	17 18	26 10	4 20	17 53	1 53	9 54	1 23	15 54	1 4	23 4	0 7	9 17	2 9	6 56	0 38	10 34	1 50	24 50	11 18	19 22	19 27	18 55	15 10	3 14
T 25	17 1	26 49	3 36	17 16	1 50	9 25	1 22	15 39	1 4	23 4	0 7	9 18	2 9	6 55	0 38	10 34	1 51	24 50	11 18	19 22	19 27	18 52	15 10	3 14
F 26	16 44	26 12	2 43	16 37	1 45	8 55	1 20	15 23	1 4	23 4	0 7	9 20	2 9	6 55	0 38	10 34	1 51	24 49	11 18	19 22	19 28	18 50	15 11	3 14
S 27	16 26	24 24	1 43	15 57	1 40	8 25	1 19	15 8	1 4	23 4	0 7	9 22	2 10	6 55	0 38	10 34	1 51	24 49	11 18	19 22	19 29	18 47	15 11	3 14
S 28	16 8	21 32	0 39	15 16	1 35	7 55	1 17	14 52	1 3	23 4	0 6	9 24	2 10	6 55	0 38	10 34	1 51	24 48	11 18	19 22	19 30	18 45	15 11	3 14
M29	15 50	17 47	0n26	14 33	1 29	7 25	1 15	14 36	1 3	23 4	0 6	9 25	2 10	6 54	0 39	10 34	1 51	24 48	11 18	19 22	19 30	18 42	15 11	3 14
T 30	15 31	13 20	1 30	13 49	1 22	6 55	1 14	14 20	1 3	23 4	0 6	9 27	2 10	6 54	0 39	10 34	1 51	24 47	11 18	19 22	19 31	18 40	15 11	3 13
W31	15s12	8s23	2n31	13s 4	1s15	6s24	1s12	14s 4	1s 3	23n 4	0s 6	9n29	2n10	6s54	0n39	10s34	1n51	24s47	11s18	19s22	19s32	18s37	15n12	3s13

Julian Day Number = 2196613.5, Delta T = 10m21s
Ecliptic obliquity = 23°31'52, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°00'20, Lahiri = 14°07'20 Julian Calendar 1 Jan. 1302 == Greg. Calendar 9 Jan. 1302

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ASTRODIENST EPHEMERIS for the year 1302
geocentric

FEBRUARY 1302 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 13 56	19♒56'17	14♓11	0♓46	17♓50	26♒16	20°R10	10°R55	19°R 2	2°R14	22♒20	3°R48	3♒ 5	6♒ 2	21♉54	T 1
F 2	9 17 52	20°56'47	26°17	2°35	19° 4	27° 3	20♊ 9	10♍51	19♎ 1	2♏14	22°21	3♒46	3° 2	6° 9	21°55	F 2
S 3	9 21 49	21°57'15	8♈33	4°24	20°18	27°50	20° 9	10°47	19° 0	2°14	22°23	3°43	2°59	6°15	21°56	S 3
S 4	9 25 45	22°57'41	21° 1	6°11	21°32	28°38	20° 8	10°42	18°59	2°14	22°25	3°40	2°56	6°22	21°57	S 4
M 5	9 29 42	23°58'05	3♉44	7°56	22°46	29°25	20° 8	10°38	18°58	2°13	22°26	3°38	2°53	6°29	21°58	M 5
T 6	9 33 38	24°58'27	16°45	9°40	23°59	0♓12	20°D 8	10°33	18°57	2°13	22°28	3°37	2°50	6°35	21°59	T 6
W 7	9 37 35	25°58'47	0♊ 6	11°21	25°13	0°59	20° 8	10°29	18°56	2°12	22°30	3°D36	2°46	6°42	22° 0	W 7
T 8	9 41 32	26°59'06	13°49	12°58	26°26	1°47	20° 8	10°24	18°55	2°12	22°31	3°37	2°43	6°49	22° 1	T 8
F 9	9 45 28	27°59'22	27°56	14°32	27°40	2°34	20° 8	10°20	18°54	2°12	22°33	3°39	2°40	6°55	22° 2	F 9
S 10	9 49 25	28°59'36	12♋25	16° 2	28°53	3°21	20° 9	10°15	18°52	2°11	22°35	3°40	2°37	7° 2	22° 3	S 10
S 11	9 53 21	29°59'48	27°13	17°27	0♈ 7	4° 8	20°10	10°11	18°51	2°11	22°36	3°R41	2°34	7° 9	22° 5	S 11
M12	9 57 18	0♓59'58	12♌16	18°47	1°20	4°55	20°11	10° 6	18°50	2°10	22°38	3°41	2°30	7°15	22° 6	M12
T 13	10 1 14	2° 0'06	27°24	20° 0	2°34	5°43	20°12	10° 1	18°48	2° 9	22°40	3°39	2°27	7°22	22° 8	T 13
W14	10 5 11	3° 0'12	12♍29	21° 7	3°47	6°30	20°14	9°57	18°47	2° 9	22°41	3°36	2°24	7°29	22° 9	W14
T 15	10 9 7	4° 0'16	27°21	22° 7	5° 0	7°17	20°15	9°52	18°45	2° 8	22°43	3°32	2°21	7°35	22°11	T 15
F 16	10 13 4	5° 0'18	11♎52	22°59	6°13	8° 4	20°17	9°47	18°43	2° 7	22°45	3°28	2°18	7°42	22°13	F 16
S 17	10 17 0	6° 0'19	25°58	23°43	7°26	8°51	20°19	9°42	18°42	2° 7	22°46	3°23	2°15	7°48	22°15	S 17
S 18	10 20 57	7° 0'18	9♏35	24°19	8°39	9°38	20°21	9°38	18°40	2° 6	22°48	3°19	2°11	7°55	22°16	S 18
M19	10 24 54	8° 0'16	22°44	24°46	9°52	10°25	20°23	9°33	18°39	2° 5	22°50	3°16	2° 8	8° 2	22°18	M19
T 20	10 28 50	9° 0'11	5♐28	25° 4	11° 5	11°12	20°26	9°28	18°37	2° 4	22°51	3°D15	2° 5	8° 8	22°20	T 20
W21	10 32 47	10° 0'06	17°50	25°13	12°18	11°59	20°29	9°23	18°35	2° 4	22°53	3°15	2° 2	8°15	22°22	W21
T 22	10 36 43	10°59'58	29°56	25°R14	13°31	12°46	20°32	9°19	18°33	2° 3	22°55	3°17	1°59	8°22	22°25	T 22
F 23	10 40 40	11°59'49	11♑51	25° 5	14°43	13°33	20°35	9°14	18°31	2° 2	22°56	3°18	1°56	8°28	22°27	F 23
S 24	10 44 36	12°59'38	23°38	24°49	15°56	14°19	20°38	9° 9	18°29	2° 1	22°58	3°20	1°52	8°35	22°29	S 24
S 25	10 48 33	13°59'25	5♒24	24°25	17° 8	15° 6	20°42	9° 4	18°27	2° 0	22°59	3°R20	1°49	8°42	22°31	S 25
M26	10 52 29	14°59'10	17°12	23°53	18°21	15°53	20°45	9° 0	18°26	1°59	23° 1	3°19	1°46	8°48	22°34	M26
T 27	10 56 26	15°58'53	29° 4	23°15	19°33	16°40	20°49	8°55	18°24	1°58	23° 3	3°16	1°43	8°55	22°36	T 27
W28	11 0 23	16♓58'35	11♓ 4	22♓32	20♈46	17♓27	20♊53	8♍50	18♎21	1♏57	23♒ 4	3♒11	1♒40	9♒ 2	22♉38	W28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	14s53	3s 5	3n25	12s17	1s 7	5s54	1s10	13s47	1s 2	23n 4	0s 6	9n30	2n10	6s53	0n39	10s34	1n51	24s46	11s18	19s23	19s33	18s35	15n12	3s13
F 2	14 34	2n21	4 11	11 30	0 58	5 23	1 8	13 31	1 2	23 4	0 6	9 32	2 11	6 53	0 39	10 34	1 51	24 45	11 18	19 23	19 33	18 32	15 12	3 13
S 3	14 15	7 47	4 46	10 41	0 49	4 52	1 6	13 14	1 2	23 4	0 6	9 34	2 11	6 53	0 39	10 33	1 51	24 45	11 18	19 24	19 34	18 30	15 13	3 13
S 4	13 55	12 59	5 8	9 52	0 38	4 21	1 4	12 58	1 2	23 4	0 5	9 36	2 11	6 52	0 39	10 33	1 51	24 44	11 18	19 24	19 35	18 27	15 13	3 13
M 5	13 35	17 45	5 16	9 3	0 28	3 50	1 2	12 41	1 1	23 4	0 5	9 38	2 11	6 52	0 39	10 33	1 51	24 44	11 18	19 25	19 35	18 25	15 13	3 13
T 6	13 15	21 48	5 7	8 14	0 16	3 19	1 0	12 24	1 1	23 5	0 5	9 40	2 11	6 51	0 39	10 33	1 51	24 43	11 18	19 25	19 36	18 22	15 14	3 12
W 7	12 54	24 51	4 43	7 24	0 4	2 47	0 57	12 7	1 1	23 5	0 5	9 41	2 11	6 51	0 39	10 33	1 51	24 43	11 18	19 25	19 37	18 20	15 14	3 12
T 8	12 34	26 32	4 1	6 35	0n 8	2 16	0 55	11 50	1 1	23 5	0 5	9 43	2 11	6 50	0 39	10 32	1 51	24 42	11 18	19 25	19 38	18 17	15 15	3 12
F 9	12 13	26 35	3 4	5 47	0 21	1 44	0 53	11 32	1 0	23 5	0 5	9 45	2 12	6 50	0 39	10 32	1 51	24 42	11 18	19 25	19 38	18 15	15 15	3 12
S 10	11 52	24 51	1 55	4 59	0 35	1 13	0 50	11 15	1 0	23 5	0 5	9 47	2 12	6 49	0 39	10 32	1 52	24 41	11 18	19 24	19 39	18 12	15 16	3 12
S 11	11 31	21 23	0 36	4 14	0 49	0 41	0 48	10 57	1 0	23 6	0 4	9 49	2 12	6 49	0 39	10 32	1 52	24 41	11 18	19 24	19 40	18 10	15 16	3 12
M12	11 10	16 26	0s47	3 29	1 3	0 10	0 45	10 40	1 0	23 6	0 4	9 51	2 12	6 48	0 39	10 32	1 52	24 40	11 19	19 24	19 41	18 7	15 17	3 12
T 13	10 48	10 26	2 7	2 47	1 17	0n22	0 43	10 22	0 59	23 6	0 4	9 53	2 12	6 48	0 39	10 31	1 52	24 40	11 19	19 25	19 41	18 4	15 17	3 12
W14	10 27	3 52	3 17	2 8	1 32	0 54	0 40	10 4	0 59	23 6	0 4	9 54	2 12	6 47	0 39	10 31	1 52	24 39	11 19	19 25	19 42	18 2	15 18	3 11
T 15	10 5	2s48	4 13	1 31	1 46	1 25	0 38	9 47	0 59	23 6	0 4	9 56	2 12	6 46	0 39	10 31	1 52	24 39	11 19	19 26	19 43	17 59	15 18	3 11
F 16	9 43	9 10	4 51	0 57	2 0	1 57	0 35	9 29	0 58	23 7	0 4	9 58	2 12	6 46	0 39	10 30	1 52	24 38	11 19	19 27	19 43	17 57	15 19	3 11
S 17	9 21	14 52	5 10	0 27	2 14	2 28	0 32	9 11	0 58	23 7	0 4	10 0	2 12	6 45	0 39	10 30	1 52	24 38	11 19	19 28	19 44	17 54	15 19	3 11
S 18	8 58	19 39	5 11	0 1	2 28	3 0	0 29	8 53	0 58	23 7	0 3	10 2	2 13	6 45	0 39	10 30	1 52	24 37	11 19	19 29	19 45	17 52	15 20	3 11
M19	8 36	23 17	4 55	0n22	2 40	3 31	0 26	8 35	0 57	23 8	0 3	10 4	2 13	6 44	0 39	10 30	1 52	24 37	11 19	19 30	19 46	17 49	15 20	3 11
T 20	8 13	25 38	4 25	0 40	2 52	4 3	0 23	8 16	0 57	23 8	0 3	10 6	2 13	6 43	0 39	10 29	1 52	24 36	11 19	19 30	19 46	17 47	15 21	3 11
W21	7 51	26 41	3 43	0 53	3 3	4 34	0 20	7 58	0 57	23 8	0 3	10 8	2 13	6 43	0 39	10 29	1 52	24 36	11 20	19 30	19 47	17 44	15 22	3 11
T 22	7 28	26 24	2 52	1 2	3 13	5 5	0 17	7 40	0 56	23 9	0 3	10 9	2 13	6 42	0 39	10 29	1 52	24 36	11 20	19 30	19 48	17 41	15 22	3 11
F 23	7 5	24 54	1 55	1 7	3 21	5 36	0 14	7 21	0 56	23 9	0 3	10 11	2 13	6 41	0 39	10 28	1 52	24 35	11 20	19 30	19 48	17 39	15 23	3 10
S 24	6 42	22 19	0 53	1 7	3 28	6 7	0 11	7 3	0 56	23 9	0 3	10 13	2 13	6 40	0 39	10 28	1 52	24 35	11 20	19 29	19 49	17 36	15 24	3 10
S 25	6 19	18 49	0n11	1 2	3 33	6 38	0 8	6 44	0 55	23 10	0 3	10 15	2 13	6 40	0 39	10 27	1 52	24 34	11 20	19 29	19 50	17 34	15 24	3 10
M26	5 56	14 33	1 15	0 52	3 36	7 8	0 5	6 26	0 55	23 10	0 2	10 17	2 13	6 39	0 39	10 27	1 52	24 34	11 20	19 29	19 51	17 31	15 25	3 10
T 27	5 33	9 44	2 15	0 39	3 38	7 39	0 2	6 7	0 54	23 10	0 2	10 19	2 13	6 38	0 39	10 27	1 52	24 33	11 20	19 30	19 51	17 28	15 26	3 10
W28	5s10	4s31	3n10	0n21	3n38	8n 9	0n 1	5s49	0s54	23n11	0s 2	10n20	2n13	6s37	0n39	10s26	1n52	24s33	11s21	19s31	19s52	17s26	15n26	3s10

Julian Day Number = 2196644.5, Delta T = 10m21s
Ecliptic obliquity = 23°31'53, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°00'24, Lahiri = 14°07'24 Julian Calendar 1 Feb. 1302 == Greg. Calendar 9 Feb. 1302

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ASTRODIENST EPHEMERIS for the year 1302
geocentric

MARCH 1302 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	11 4 19	17♓58'14	23♓13	21°R44	21♈58	18♓13	20♊57	8°R46	18°R19	1°R56	23♒ 6	3°R 4	1♒36	9♒ 8	22♉41	T 1
F 2	11 8 16	18°57'51	5♈33	20♓53	23°10	19° 0	21° 2	8♍41	18♎17	1♏55	23° 7	2♒55	1°33	9°15	22°44	F 2
S 3	11 12 12	19°57'26	18° 4	19°59	24°22	19°47	21° 6	8°36	18°15	1°54	23° 9	2°46	1°30	9°21	22°46	S 3
S 4	11 16 9	20°56'59	0♉47	19° 5	25°34	20°33	21°11	8°32	18°13	1°53	23°10	2°38	1°27	9°28	22°49	S 4
M 5	11 20 5	21°56'30	13°42	18°11	26°46	21°20	21°16	8°27	18°11	1°52	23°12	2°31	1°24	9°35	22°52	M 5
T 6	11 24 2	22°55'58	26°51	17°18	27°58	22° 6	21°21	8°23	18° 9	1°50	23°13	2°25	1°21	9°41	22°54	T 6
W 7	11 27 58	23°55'24	10♊14	16°27	29°10	22°53	21°26	8°18	18° 6	1°49	23°15	2°22	1°17	9°48	22°57	W 7
T 8	11 31 55	24°54'48	23°53	15°40	0♉22	23°39	21°32	8°14	18° 4	1°48	23°16	2°D22	1°14	9°55	23° 0	T 8
F 9	11 35 52	25°54'09	7♋48	14°56	1°33	24°26	21°37	8° 9	18° 2	1°47	23°18	2°22	1°11	10° 1	23° 3	F 9
S 10	11 39 48	26°53'29	22° 0	14°16	2°45	25°12	21°43	8° 5	18° 0	1°46	23°19	2°23	1° 8	10° 8	23° 6	S 10
S 11	11 43 45	27°52'45	6♌27	13°42	3°56	25°58	21°49	8° 0	17°57	1°44	23°21	2°R23	1° 5	10°15	23° 9	S 11
M12	11 47 41	28°51'59	21° 7	13°13	5° 8	26°45	21°55	7°56	17°55	1°43	23°22	2°22	1° 1	10°21	23°12	M12
T 13	11 51 38	29°51'11	5♍54	12°50	6°19	27°31	22° 1	7°52	17°52	1°42	23°24	2°18	0°58	10°28	23°16	T 13
W14	11 55 34	0♈50'21	20°43	12°32	7°30	28°17	22° 7	7°48	17°50	1°40	23°25	2°12	0°55	10°35	23°19	W14
T 15	11 59 31	1°49'29	5♎24	12°20	8°41	29° 3	22°14	7°44	17°48	1°39	23°27	2° 3	0°52	10°41	23°22	T 15
F 16	12 3 27	2°48'34	19°50	12°13	9°52	29°49	22°20	7°39	17°45	1°38	23°28	1°54	0°49	10°48	23°25	F 16
S 17	12 7 24	3°47'38	3♏56	12°D13	11° 3	0♈35	22°27	7°35	17°43	1°36	23°29	1°44	0°46	10°55	23°29	S 17
S 18	12 11 21	4°46'39	17°35	12°17	12°14	1°22	22°34	7°31	17°40	1°35	23°31	1°35	0°42	11° 1	23°32	S 18
M19	12 15 17	5°45'39	0♐49	12°27	13°24	2° 8	22°41	7°28	17°38	1°33	23°32	1°28	0°39	11° 8	23°36	M19
T 20	12 19 14	6°44'37	13°37	12°43	14°35	2°54	22°48	7°24	17°35	1°32	23°33	1°23	0°36	11°14	23°39	T 20
W21	12 23 10	7°43'34	26° 3	13° 3	15°45	3°39	22°56	7°20	17°33	1°31	23°35	1°20	0°33	11°21	23°43	W21
T 22	12 27 7	8°42'28	8♑11	13°27	16°56	4°25	23° 3	7°16	17°30	1°29	23°36	1°D20	0°30	11°28	23°46	T 22
F 23	12 31 3	9°41'21	20° 6	13°56	18° 6	5°11	23°11	7°13	17°28	1°28	23°37	1°20	0°27	11°34	23°50	F 23
S 24	12 35 0	10°40'12	1♒54	14°30	19°16	5°57	23°19	7° 9	17°25	1°26	23°38	1°R20	0°23	11°41	23°54	S 24
S 25	12 38 56	11°39'01	13°41	15° 7	20°26	6°43	23°27	7° 6	17°23	1°25	23°40	1°20	0°20	11°48	23°57	S 25
M26	12 42 53	12°37'48	25°31	15°49	21°36	7°28	23°35	7° 2	17°20	1°23	23°41	1°17	0°17	11°54	24° 1	M26
T 27	12 46 50	13°36'34	7♓29	16°34	22°46	8°14	23°43	6°59	17°18	1°22	23°42	1°12	0°14	12° 1	24° 5	T 27
W28	12 50 46	14°35'17	19°37	17°22	23°56	9° 0	23°51	6°55	17°15	1°20	23°43	1° 4	0°11	12° 8	24° 9	W28
T 29	12 54 43	15°33'59	1♈59	18°14	25° 5	9°45	23°59	6°52	17°12	1°18	23°44	0°53	0° 7	12°14	24°13	T 29
F 30	12 58 39	16°32'39	14°34	19° 9	26°15	10°31	24° 8	6°49	17°10	1°17	23°45	0°41	0° 4	12°21	24°16	F 30
S 31	13 2 36	17♈31'16	27♈24	20♓ 6	27♉24	11♈16	24♊17	6♍46	17♎ 7	1♏15	23♒47	0♒28	0♒ 1	12♒28	24♉20	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	4s46	0n56	3n57	0n 1	3n36	8n39	0n 4	5s30	0s54	23n11	0s 2	10n22	2n13	6s36	0n39	10s26	1n53	24s33	11s21	19s33	19s53	17s23	15n27	3s10
F 2	4 23	6 24	4 34	0s23	3 31	9 9	0 8	5 11	0 53	23 12	0 2	10 24	2 13	6 36	0 39	10 25	1 53	24 32	11 21	19 35	19 53	17 21	15 28	3 10
S 3	4 0	11 41	4 58	0 50	3 25	9 39	0 11	4 52	0 53	23 12	0 2	10 26	2 13	6 35	0 39	10 25	1 53	24 32	11 21	19 37	19 54	17 18	15 29	3 10
S 4	3 36	16 35	5 7	1 18	3 18	10 9	0 14	4 34	0 52	23 13	0 2	10 28	2 13	6 34	0 39	10 25	1 53	24 32	11 21	19 39	19 55	17 15	15 29	3 9
M 5	3 12	20 48	5 2	1 48	3 8	10 38	0 18	4 15	0 52	23 13	0 1	10 29	2 13	6 33	0 39	10 24	1 53	24 31	11 21	19 40	19 56	17 13	15 30	3 9
T 6	2 49	24 4	4 40	2 19	2 57	11 7	0 21	3 56	0 52	23 14	0 1	10 31	2 13	6 32	0 39	10 24	1 53	24 31	11 22	19 42	19 56	17 10	15 31	3 9
W 7	2 25	26 5	4 3	2 50	2 45	11 36	0 24	3 37	0 51	23 14	0 1	10 33	2 13	6 31	0 39	10 23	1 53	24 31	11 22	19 42	19 57	17 8	15 32	3 9
T 8	2 2	26 35	3 12	3 20	2 32	12 4	0 28	3 18	0 51	23 14	0 1	10 34	2 13	6 31	0 39	10 23	1 53	24 30	11 22	19 43	19 58	17 5	15 33	3 9
F 9	1 38	25 26	2 8	3 50	2 18	12 33	0 31	3 0	0 50	23 15	0 1	10 36	2 13	6 30	0 39	10 22	1 53	24 30	11 22	19 42	19 58	17 2	15 33	3 9
S 10	1 14	22 39	0 56	4 19	2 3	13 1	0 34	2 41	0 50	23 15	0 1	10 38	2 13	6 29	0 39	10 22	1 53	24 30	11 22	19 42	19 59	17 0	15 34	3 9
S 11	0 51	18 23	0s22	4 46	1 48	13 28	0 38	2 22	0 49	23 16	0 1	10 39	2 13	6 28	0 39	10 21	1 53	24 29	11 22	19 42	20 0	16 57	15 35	3 9
M12	0 27	12 57	1 39	5 12	1 33	13 56	0 41	2 3	0 49	23 16	0 1	10 41	2 13	6 27	0 39	10 21	1 53	24 29	11 23	19 43	20 0	16 54	15 36	3 9
T 13	0 4	6 45	2 50	5 35	1 17	14 23	0 45	1 44	0 49	23 17	0 1	10 42	2 13	6 26	0 39	10 20	1 53	24 29	11 23	19 43	20 1	16 52	15 37	3 9
W14	0n20	0 11	3 49	5 56	1 1	14 49	0 48	1 25	0 48	23 17	0 0	10 44	2 13	6 25	0 39	10 20	1 53	24 28	11 23	19 45	20 2	16 49	15 38	3 9
T 15	0 44	6s19	4 32	6 15	0 46	15 16	0 51	1 6	0 48	23 18	0 0	10 45	2 13	6 24	0 39	10 19	1 53	24 28	11 23	19 47	20 3	16 47	15 39	3 9
F 16	1 7	12 22	4 58	6 32	0 31	15 42	0 55	0 47	0 47	23 18	0 0	10 47	2 13	6 23	0 39	10 19	1 53	24 28	11 24	19 49	20 3	16 44	15 40	3 8
S 17	1 31	17 38	5 4	6 46	0 16	16 7	0 58	0 29	0 47	23 19	0 0	10 48	2 13	6 22	0 39	10 18	1 53	24 28	11 24	19 51	20 4	16 41	15 40	3 8
S 18	1 54	21 49	4 53	6 57	0 1	16 33	1 2	0 10	0 46	23 19	0n 0	10 50	2 13	6 21	0 39	10 18	1 53	24 27	11 24	19 53	20 5	16 39	15 41	3 8
M19	2 18	24 44	4 26	7 6	0s13	16 57	1 5	0n 9	0 46	23 20	0 0	10 51	2 13	6 20	0 39	10 17	1 53	24 27	11 24	19 55	20 5	16 36	15 42	3 8
T 20	2 41	26 16	3 46	7 13	0 26	17 22	1 8	0 28	0 45	23 20	0 0	10 53	2 13	6 19	0 39	10 17	1 53	24 27	11 24	19 56	20 6	16 33	15 43	3 8
W21	3 5	26 25	2 57	7 17	0 39	17 46	1 12	0 47	0 45	23 21	0 0	10 54	2 13	6 18	0 39	10 16	1 53	24 27	11 25	19 56	20 7	16 31	15 44	3 8
T 22	3 28	25 17	2 0	7 19	0 51	18 9	1 15	1 5	0 44	23 21	0 1	10 55	2 13	6 18	0 39	10 16	1 53	24 26	11 25	19 56	20 7	16 28	15 45	3 8
F 23	3 51	23 0	1 0	7 18	1 3	18 33	1 18	1 24	0 44	23 22	0 1	10 57	2 12	6 17	0 39	10 15	1 53	24 26	11 25	19 56	20 8	16 25	15 46	3 8
S 24	4 14	19 46	0n 3	7 16	1 14	18 55	1 22	1 43	0 43	23 22	0 1	10 58	2 12	6 16	0 39	10 15	1 53	24 26	11 25	19 56	20 9	16 23	15 47	3 8
S 25	4 37	15 44	1 5	7 11	1 24	19 17	1 25	2 1	0 43	23 23	0 1	10 59	2 12	6 15	0 39	10 14	1 53	24 26	11 26	19 56	20 9	16 20	15 48	3 8
M26	5 0	11 6	2 5	7 4	1 34	19 39	1 28	2 20	0 42	23 23	0 1	11 0	2 12	6 14	0 39	10 14	1 53	24 26	11 26	19 57	20 10	16 17	15 49	3 8
T 27	5 23	6 1	3 0	6 54	1 43	20 0	1 32	2 38	0 42	23 24	0 1	11 2	2 12	6 13	0 39	10 13	1 53	24 25	11 26	19 58	20 11	16 15	15 50	3 8
W28	5 46	0 39	3 47	6 43	1 52	20 21	1 35	2 57	0 41	23 24	0 1	11 3	2 12	6 12	0 39	10 13	1 53	24 25	11 27	20 0	20 11	16 12	15 51	3 8
T 29	6 9	4n49	4 24	6 30	2 0	20 42	1 38	3 15	0 41	23 25	0 1	11 4	2 12	6 11	0 39	10 12	1 53	24 25	11 27	20 2	20 12	16 9	15 52	3 8
F 30	6 32	10 12	4 49	6 15	2 7	21 1	1 41	3 34	0 40	23 25	0 1	11 5	2 12	6 10	0 39	10 11	1 54	24 25	11 27	20 5	20 13	16 7	15 53	3 8
S 31	6n54	15n15	5n 0	5s59	2s13	21n21	1n44	3n52	0s40	23n26	0n 1	11n 6	2n12	6s 9	0n39	10s11	1n54	24s25	11s27	20s 8	20s13	16s 4	15n54	3s 8

Julian Day Number = 2196672.5, Delta T = 10m21s
Ecliptic obliquity = 23°31'53, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°00'28, Lahiri = 14°07'28 Julian Calendar 1 March 1302 == Greg. Calendar 9 March 1302

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ASTRODIENST EPHEMERIS for the year 1302
geocentric

APRIL 1302 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	13 6 32	18♈29'52	10♉28	21♓ 7	28♉33	12♈ 2	24♊25	6°R43	17°R 5	1°R14	23♒48	0°R16	29♑58	12♒34	24♉24	S 1
M 2	13 10 29	19°28'26	23°44	22°11	29°42	12°47	24°34	6♍40	17♎ 2	1♏12	23°49	0♒ 5	29°55	12°41	24°28	M 2
T 3	13 14 25	20°26'58	7♊11	23°17	0♊51	13°33	24°43	6°38	17° 0	1°11	23°50	29♑57	29°52	12°48	24°32	T 3
W 4	13 18 22	21°25'28	20°48	24°25	2° 0	14°18	24°52	6°35	16°57	1° 9	23°51	29°51	29°48	12°54	24°37	W 4
T 5	13 22 18	22°23'55	4♋34	25°36	3° 9	15° 3	25° 2	6°32	16°54	1° 7	23°52	29°49	29°45	13° 1	24°41	T 5
F 6	13 26 15	23°22'21	18°29	26°50	4°17	15°48	25°11	6°30	16°52	1° 6	23°53	29°48	29°42	13° 7	24°45	F 6
S 7	13 30 12	24°20'44	2♌33	28° 6	5°25	16°34	25°21	6°27	16°49	1° 4	23°54	29°48	29°39	13°14	24°49	S 7
S 8	13 34 8	25°19'05	16°45	29°23	6°34	17°19	25°30	6°25	16°47	1° 3	23°55	29°47	29°36	13°21	24°53	S 8
M 9	13 38 5	26°17'24	1♍ 4	0♈43	7°42	18° 4	25°40	6°23	16°44	1° 1	23°56	29°45	29°33	13°27	24°57	M 9
T 10	13 42 1	27°15'40	15°27	2° 6	8°50	18°49	25°50	6°21	16°42	0°59	23°57	29°40	29°29	13°34	25° 2	T 10
W11	13 45 58	28°13'55	29°50	3°30	9°57	19°34	25°59	6°19	16°39	0°58	23°58	29°32	29°26	13°41	25° 6	W11
T 12	13 49 54	29°12'07	14♎ 8	4°56	11° 5	20°18	26° 9	6°17	16°37	0°56	23°58	29°22	29°23	13°47	25°10	T 12
F 13	13 53 51	0♉10'18	28°14	6°24	12°12	21° 3	26°19	6°15	16°34	0°54	23°59	29°10	29°20	13°54	25°15	F 13
S 14	13 57 47	1° 8'27	12♏ 5	7°55	13°20	21°48	26°30	6°13	16°32	0°53	24° 0	28°58	29°17	14° 1	25°19	S 14
S 15	14 1 44	2° 6'34	25°36	9°27	14°27	22°33	26°40	6°11	16°29	0°51	24° 1	28°47	29°13	14° 7	25°23	S 15
M16	14 5 41	3° 4'40	8♐44	11° 1	15°34	23°18	26°50	6°10	16°27	0°49	24° 2	28°38	29°10	14°14	25°28	M16
T 17	14 9 37	4° 2'44	21°30	12°37	16°40	24° 2	27° 1	6° 8	16°25	0°48	24° 2	28°31	29° 7	14°21	25°32	T 17
W18	14 13 34	5° 0'47	3♑56	14°15	17°47	24°47	27°11	6° 7	16°22	0°46	24° 3	28°27	29° 4	14°27	25°37	W18
T 19	14 17 30	5°58'49	16° 5	15°55	18°53	25°31	27°22	6° 6	16°20	0°45	24° 4	28°25	29° 1	14°34	25°41	T 19
F 20	14 21 27	6°56'49	28° 1	17°37	19°59	26°16	27°33	6° 5	16°18	0°43	24° 5	28°D25	28°58	14°41	25°46	F 20
S 21	14 25 23	7°54'47	9♒51	19°21	21° 5	27° 0	27°43	6° 4	16°15	0°41	24° 5	28°R25	28°54	14°47	25°50	S 21
S 22	14 29 20	8°52'44	21°40	21° 7	22°11	27°45	27°54	6° 3	16°13	0°40	24° 6	28°24	28°51	14°54	25°55	S 22
M23	14 33 16	9°50'40	3♓33	22°54	23°17	28°29	28° 5	6° 2	16°11	0°38	24° 6	28°22	28°48	15° 1	25°59	M23
T 24	14 37 13	10°48'34	15°34	24°44	24°22	29°13	28°16	6° 1	16° 8	0°36	24° 7	28°17	28°45	15° 7	26° 4	T 24
W25	14 41 10	11°46'28	27°49	26°36	25°27	29°58	28°27	6° 0	16° 6	0°35	24° 8	28°10	28°42	15°14	26° 8	W25
T 26	14 45 6	12°44'19	10♈20	28°29	26°32	0♉42	28°39	6° 0	16° 4	0°33	24° 8	28° 1	28°38	15°20	26°13	T 26
F 27	14 49 3	13°42'10	23° 9	0♉25	27°37	1°26	28°50	5°59	16° 2	0°32	24° 9	27°50	28°35	15°27	26°18	F 27
S 28	14 52 59	14°39'59	6♉16	2°22	28°41	2°10	29° 1	5°59	16° 0	0°30	24° 9	27°38	28°32	15°34	26°22	S 28
S 29	14 56 56	15°37'47	19°41	4°21	29°45	2°54	29°13	5°59	15°57	0°29	24°10	27°26	28°29	15°40	26°27	S 29
M30	15 0 52	16♉35'33	3♊21	6♉22	0♋49	3♉38	29♊24	5♍59	15♎55	0♏27	24♒10	27♑16	28♑26	15♒47	26♉31	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	7n17	19n42	4n56	5s40	2s19	21n39	1n47	4n10	0s39	23n26	0n 2	11n 7	2n12	6s 8	0n39	10s10	1n54	24s25	11s28	20s10	20s14	16s 1	15n55	3s	8
M 2	7 39	23 14	4 36	5 20	2 25	21 57	1 50	4 29	0 39	23 27	0 2	11 8	2 12	6 7	0 39	10 10	1 54	24 25	11 28	20 13	20 15	15 58	15 56	3	8
T 3	8 1	25 32	4 0	4 58	2 29	22 15	1 53	4 47	0 38	23 27	0 2	11 9	2 11	6 6	0 39	10 9	1 54	24 24	11 28	20 14	20 15	15 56	15 57	3	8
W 4	8 23	26 23	3 11	4 34	2 34	22 32	1 56	5 5	0 37	23 28	0 2	11 10	2 11	6 5	0 39	10 9	1 54	24 24	11 28	20 15	20 16	15 53	15 58	3	7
T 5	8 45	25 36	2 9	4 9	2 37	22 49	1 59	5 23	0 37	23 28	0 2	11 11	2 11	6 4	0 39	10 8	1 54	24 24	11 29	20 16	20 17	15 50	15 59	3	7
F 6	9 7	23 14	1 0	3 43	2 40	23 5	2 2	5 41	0 36	23 29	0 2	11 11	2 11	6 3	0 39	10 7	1 54	24 24	11 29	20 16	20 17	15 48	16 0	3	7
S 7	9 28	19 26	0s15	3 15	2 42	23 20	2 5	5 59	0 36	23 29	0 2	11 12	2 11	6 2	0 39	10 7	1 54	24 24	11 29	20 16	20 18	15 45	16 1	3	7
S 8	9 50	14 28	1 28	2 45	2 44	23 35	2 7	6 17	0 35	23 30	0 2	11 13	2 11	6 1	0 39	10 6	1 54	24 24	11 30	20 16	20 19	15 42	16 2	3	7
M 9	10 11	8 41	2 37	2 14	2 45	23 49	2 10	6 35	0 35	23 30	0 2	11 14	2 11	6 0	0 39	10 6	1 54	24 24	11 30	20 17	20 20	15 39	16 3	3	7
T 10	10 32	2 26	3 36	1 42	2 46	24 2	2 13	6 52	0 34	23 30	0 3	11 14	2 11	5 59	0 39	10 5	1 54	24 24	11 30	20 18	20 20	15 37	16 4	3	7
W11	10 53	3s56	4 21	1 8	2 46	24 15	2 15	7 10	0 34	23 31	0 3	11 15	2 10	5 58	0 39	10 5	1 54	24 24	11 30	20 20	20 21	15 34	16 5	3	7
T 12	11 14	10 2	4 50	0 34	2 45	24 28	2 18	7 27	0 33	23 31	0 3	11 16	2 10	5 57	0 39	10 4	1 54	24 24	11 31	20 22	20 21	15 31	16 6	3	7
F 13	11 35	15 33	5 0	0n 2	2 44	24 39	2 20	7 45	0 32	23 32	0 3	11 16	2 10	5 56	0 39	10 3	1 54	24 24	11 31	20 24	20 22	15 29	16 7	3	7
S 14	11 55	20 9	4 53	0 40	2 43	24 50	2 22	8 2	0 32	23 32	0 3	11 17	2 10	5 55	0 39	10 3	1 54	24 24	11 31	20 27	20 23	15 26	16 8	3	7
S 15	12 15	23 35	4 29	1 18	2 40	25 1	2 24	8 19	0 31	23 32	0 3	11 17	2 10	5 54	0 39	10 2	1 54	24 24	11 32	20 29	20 23	15 23	16 9	3	7
M16	12 35	25 38	3 51	1 58	2 38	25 10	2 27	8 36	0 31	23 33	0 3	11 18	2 10	5 53	0 39	10 2	1 54	24 24	11 32	20 31	20 24	15 20	16 10	3	7
T 17	12 55	26 17	3 2	2 38	2 34	25 20	2 29	8 54	0 30	23 33	0 3	11 18	2 10	5 53	0 39	10 1	1 54	24 24	11 32	20 32	20 25	15 18	16 11	3	7
W18	13 15	25 34	2 6	3 20	2 30	25 28	2 31	9 10	0 30	23 33	0 3	11 18	2 9	5 52	0 39	10 1	1 54	24 24	11 33	20 33	20 25	15 15	16 12	3	7
T 19	13 34	23 38	1 5	4 3	2 26	25 36	2 33	9 27	0 29	23 34	0 3	11 19	2 9	5 51	0 39	10 0	1 54	24 24	11 33	20 33	20 26	15 12	16 13	3	7
F 20	13 53	20 40	0 2	4 46	2 21	25 43	2 35	9 44	0 28	23 34	0 4	11 19	2 9	5 50	0 39	10 0	1 54	24 24	11 33	20 34	20 27	15 9	16 14	3	7
S 21	14 12	16 53	1n 0	5 31	2 15	25 50	2 36	10 1	0 28	23 34	0 4	11 19	2 9	5 49	0 39	9 59	1 54	24 24	11 34	20 34	20 27	15 7	16 15	3	7
S 22	14 31	12 27	2 0	6 16	2 9	25 56	2 38	10 17	0 27	23 35	0 4	11 19	2 9	5 48	0 39	9 58	1 54	24 24	11 34	20 34	20 28	15 4	16 16	3	8
M23	14 49	7 32	2 55	7 2	2 3	26 1	2 39	10 34	0 27	23 35	0 4	11 20	2 9	5 47	0 39	9 58	1 54	24 24	11 34	20 34	20 29	15 1	16 17	3	8
T 24	15 8	2 17	3 43	7 49	1 56	26 5	2 41	10 50	0 26	23 35	0 4	11 20	2 9	5 46	0 39	9 57	1 54	24 25	11 35	20 35	20 29	14 58	16 18	3	8
W25	15 26	3n 7	4 21	8 37	1 49	26 9	2 42	11 6	0 25	23 35	0 4	11 20	2 8	5 46	0 39	9 57	1 54	24 25	11 35	20 36	20 30	14 56	16 19	3	8
T 26	15 43	8 30	4 48	9 25	1 41	26 13	2 44	11 22	0 25	23 36	0 4	11 20	2 8	5 45	0 39	9 56	1 54	24 25	11 35	20 38	20 31	14 53	16 20	3	8
F 27	16 1	13 40	5 1	10 13	1 32	26 15	2 45	11 38	0 24	23 36	0 4	11 20	2 8	5 44	0 39	9 56	1 54	24 25	11 36	20 41	20 31	14 50	16 21	3	8
S 28	16 18	18 21	4 58	11 2	1 24	26 17	2 46	11 54	0 24	23 36	0 4	11 20	2 8	5 43	0 39	9 55	1 54	24 25	11 36	20 43	20 32	14 47	16 22	3	8
S 29	16 35	22 12	4 40	11 51	1 14	26 19	2 47	12 10	0 23	23 36	0 4	11 20	2 8	5 42	0 39	9 55	1 54	24 25	11 36	20 45	20 33	14 45	16 23	3	8
M30	16n52	24n54	4n 5	12n40	1s 5	26n19	2n48	12n26	0s22	23n36	0n 4	11n20	2n 8	5s41	0n39	9s54	1n54	24s25	11s37	20s47	20s33	14s42	16n24	3s	8

Julian Day Number = 2196703.5, Delta T = 10m21s
Ecliptic obliquity = 23°31'53, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°00'32, Lahiri = 14°07'32 Julian Calendar 1 Apr. 1302 == Greg. Calendar 9 Apr. 1302

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ASTRODIENST EPHEMERIS for the year 1302
geocentric

MAY 1302 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	15 4 49	17♉33'18	17♊12	8♉25	1♋53	4♉22	29♊36	5°D59	15°R53	0°R25	24♒11	27°R 9	28♑23	15♒54	26♉36	T 1
W 2	15 8 45	18°31'02	1♋12	10°29	2°57	5° 6	29°47	5♍59	15♎51	0♏24	24°11	27♑ 4	28°19	16° 0	26°41	W 2
T 3	15 12 42	19°28'43	15°17	12°35	4° 0	5°50	29°59	5°59	15°49	0°22	24°11	27° 1	28°16	16° 7	26°45	T 3
F 4	15 16 39	20°26'24	29°24	14°42	5° 3	6°33	0♋11	5°59	15°47	0°21	24°12	27°D 1	28°13	16°14	26°50	F 4
S 5	15 20 35	21°24'02	13♌32	16°51	6° 5	7°17	0°23	5°59	15°45	0°19	24°12	27° 1	28°10	16°20	26°55	S 5
S 6	15 24 32	22°21'39	27°40	19° 1	7° 8	8° 1	0°35	6° 0	15°43	0°18	24°12	27°R 1	28° 7	16°27	27° 0	S 6
M 7	15 28 28	23°19'15	11♍47	21°11	8°10	8°44	0°47	6° 1	15°42	0°16	24°13	27° 0	28° 4	16°34	27° 4	M 7
T 8	15 32 25	24°16'49	25°51	23°23	9°11	9°28	0°59	6° 1	15°40	0°15	24°13	26°56	28° 0	16°40	27° 9	T 8
W 9	15 36 21	25°14'21	9♎50	25°34	10°13	10°11	1°11	6° 2	15°38	0°13	24°13	26°50	27°57	16°47	27°14	W 9
T 10	15 40 18	26°11'52	23°42	27°46	11°14	10°55	1°23	6° 3	15°36	0°12	24°13	26°42	27°54	16°54	27°18	T 10
F 11	15 44 14	27° 9'22	7♏22	29°58	12°15	11°38	1°35	6° 4	15°35	0°11	24°13	26°33	27°51	17° 0	27°23	F 11
S 12	15 48 11	28° 6'50	20°50	2♊ 9	13°15	12°21	1°47	6° 5	15°33	0° 9	24°14	26°23	27°48	17° 7	27°28	S 12
S 13	15 52 8	29° 4'18	4♐ 1	4°20	14°15	13° 4	2° 0	6° 6	15°31	0° 8	24°14	26°14	27°44	17°14	27°32	S 13
M14	15 56 4	0♊ 1'45	16°55	6°30	15°15	13°48	2°12	6° 8	15°30	0° 6	24°14	26° 6	27°41	17°20	27°37	M14
T 15	16 0 1	0°59'10	29°32	8°38	16°14	14°31	2°25	6° 9	15°28	0° 5	24°14	26° 1	27°38	17°27	27°42	T 15
W16	16 3 57	1°56'35	11♑52	10°45	17°13	15°14	2°37	6°10	15°27	0° 4	24°14	25°58	27°35	17°34	27°47	W16
T 17	16 7 54	2°53'59	23°58	12°51	18°11	15°57	2°49	6°12	15°25	0° 2	24°14	25°D57	27°32	17°40	27°51	T 17
F 18	16 11 50	3°51'22	5♒54	14°54	19° 9	16°40	3° 2	6°14	15°24	0° 1	24°R14	25°57	27°29	17°47	27°56	F 18
S 19	16 15 47	4°48'45	17°45	16°56	20° 7	17°23	3°15	6°16	15°22	29♎59	24°14	25°58	27°25	17°53	28° 1	S 19
S 20	16 19 44	5°46'07	29°34	18°56	21° 4	18° 6	3°27	6°18	15°21	29°59	24°14	25°59	27°22	18° 0	28° 5	S 20
M21	16 23 40	6°43'28	11♓28	20°53	22° 1	18°49	3°40	6°20	15°20	29°57	24°14	25°R59	27°19	18° 7	28°10	M21
T 22	16 27 37	7°40'49	23°31	22°49	22°57	19°31	3°53	6°22	15°18	29°56	24°14	25°58	27°16	18°13	28°15	T 22
W23	16 31 33	8°38'09	5♈48	24°42	23°52	20°14	4° 5	6°24	15°17	29°55	24°14	25°55	27°13	18°20	28°19	W23
T 24	16 35 30	9°35'28	18°23	26°32	24°48	20°57	4°18	6°26	15°16	29°54	24°14	25°49	27°10	18°27	28°24	T 24
F 25	16 39 26	10°32'47	1♉20	28°20	25°42	21°39	4°31	6°28	15°15	29°53	24°13	25°43	27° 6	18°33	28°29	F 25
S 26	16 43 23	11°30'06	14°38	0♋ 6	26°37	22°22	4°44	6°31	15°14	29°51	24°13	25°36	27° 3	18°40	28°33	S 26
S 27	16 47 19	12°27'24	28°19	1°49	27°30	23° 4	4°57	6°34	15°13	29°50	24°13	25°29	27° 0	18°47	28°38	S 27
M28	16 51 16	13°24'42	12♊19	3°30	28°23	23°47	5°10	6°36	15°12	29°49	24°13	25°23	26°57	18°53	28°43	M28
T 29	16 55 13	14°21'59	26°34	5° 8	29°16	24°29	5°23	6°39	15°11	29°48	24°12	25°18	26°54	19° 0	28°47	T 29
W30	16 59 9	15°19'16	10♋58	6°44	0♌ 7	25°11	5°36	6°42	15°10	29°47	24°12	25°15	26°50	19° 7	28°52	W30
T 31	17 3 6	16♊16'32	25♋28	8♋17	0♌59	25♉54	5♋49	6♍45	15♎ 9	29♎46	24♒12	25°D15	26♑47	19♒13	28♉56	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17n 8	26n 9	3n15	13n29	0s55	26n19	2n48	12n41	0s22	23n36	0n 5	11n20	2n 7	5s41	0n39	9s54	1n54	24s25	11s37	20s49	20s34	14s39	16n25	3s 8
W 2	17 24	25 44	2 13	14 19	0 45	26 19	2 49	12 56	0 21	23 37	0 5	11 19	2 7	5 40	0 39	9 53	1 54	24 26	11 37	20 50	20 35	14 36	16 26	3 8
T 3	17 40	23 41	1 2	15 7	0 35	26 17	2 49	13 12	0 20	23 37	0 5	11 19	2 7	5 39	0 39	9 52	1 53	24 26	11 38	20 50	20 35	14 33	16 27	3 8
F 4	17 56	20 9	0s13	15 55	0 24	26 16	2 50	13 27	0 20	23 37	0 5	11 19	2 7	5 38	0 39	9 52	1 53	24 26	11 38	20 50	20 36	14 31	16 28	3 8
S 5	18 11	15 26	1 27	16 43	0 14	26 13	2 50	13 42	0 19	23 37	0 5	11 19	2 7	5 38	0 39	9 51	1 53	24 26	11 38	20 50	20 36	14 28	16 29	3 8
S 6	18 26	9 53	2 36	17 29	0 3	26 10	2 50	13 56	0 19	23 37	0 5	11 18	2 7	5 37	0 39	9 51	1 53	24 26	11 39	20 50	20 37	14 25	16 30	3 8
M 7	18 40	3 51	3 35	18 15	0n 7	26 6	2 50	14 11	0 18	23 37	0 5	11 18	2 6	5 36	0 39	9 50	1 53	24 27	11 39	20 50	20 38	14 22	16 31	3 8
T 8	18 55	2s20	4 21	18 59	0 18	26 2	2 50	14 26	0 17	23 37	0 5	11 18	2 6	5 36	0 39	9 50	1 53	24 27	11 39	20 51	20 38	14 20	16 32	3 8
W 9	19 9	8 22	4 51	19 41	0 28	25 57	2 50	14 40	0 17	23 37	0 5	11 17	2 6	5 35	0 39	9 50	1 53	24 27	11 40	20 52	20 39	14 17	16 33	3 8
T 10	19 23	13 56	5 4	20 22	0 38	25 52	2 49	14 54	0 16	23 37	0 5	11 17	2 6	5 34	0 39	9 49	1 53	24 27	11 40	20 54	20 40	14 14	16 34	3 9
F 11	19 36	18 44	4 59	21 0	0 48	25 46	2 48	15 8	0 15	23 37	0 5	11 16	2 6	5 34	0 38	9 49	1 53	24 28	11 40	20 56	20 40	14 11	16 35	3 9
S 12	19 49	22 29	4 37	21 37	0 57	25 39	2 48	15 22	0 15	23 37	0 6	11 16	2 6	5 33	0 38	9 48	1 53	24 28	11 41	20 57	20 41	14 8	16 36	3 9
S 13	20 2	24 59	4 1	22 11	1 6	25 32	2 47	15 36	0 14	23 37	0 6	11 15	2 5	5 33	0 38	9 48	1 53	24 28	11 41	20 59	20 42	14 6	16 37	3 9
M14	20 14	26 6	3 13	22 42	1 15	25 24	2 46	15 49	0 14	23 37	0 6	11 14	2 5	5 32	0 38	9 47	1 53	24 28	11 41	21 1	20 42	14 3	16 38	3 9
T 15	20 26	25 49	2 17	23 12	1 23	25 16	2 45	16 3	0 13	23 36	0 6	11 14	2 5	5 31	0 38	9 47	1 53	24 29	11 42	21 2	20 43	14 0	16 39	3 9
W16	20 38	24 15	1 15	23 38	1 30	25 7	2 43	16 16	0 12	23 36	0 6	11 13	2 5	5 31	0 38	9 46	1 53	24 29	11 42	21 2	20 43	13 57	16 40	3 9
T 17	20 49	21 34	0 11	24 2	1 37	24 58	2 42	16 29	0 12	23 36	0 6	11 12	2 5	5 30	0 38	9 46	1 53	24 29	11 42	21 2	20 44	13 54	16 41	3 9
F 18	21 0	18 0	0n53	24 23	1 43	24 48	2 40	16 42	0 11	23 36	0 6	11 11	2 5	5 30	0 38	9 45	1 53	24 30	11 43	21 2	20 45	13 51	16 42	3 9
S 19	21 11	13 45	1 55	24 41	1 48	24 38	2 38	16 55	0 10	23 36	0 6	11 11	2 4	5 29	0 38	9 45	1 53	24 30	11 43	21 2	20 45	13 49	16 43	3 9
S 20	21 21	9 0	2 51	24 57	1 53	24 27	2 36	17 8	0 10	23 35	0 6	11 10	2 4	5 29	0 38	9 45	1 53	24 30	11 43	21 2	20 46	13 46	16 44	3 10
M21	21 31	3 54	3 41	25 10	1 57	24 16	2 34	17 20	0 9	23 35	0 6	11 9	2 4	5 28	0 38	9 44	1 53	24 31	11 44	21 2	20 47	13 43	16 45	3 10
T 22	21 40	1n24	4 21	25 20	2 0	24 4	2 32	17 33	0 8	23 35	0 7	11 8	2 4	5 28	0 38	9 44	1 53	24 31	11 44	21 2	20 47	13 40	16 46	3 10
W23	21 50	6 45	4 50	25 28	2 2	23 52	2 29	17 45	0 8	23 35	0 7	11 7	2 4	5 27	0 38	9 43	1 53	24 31	11 44	21 3	20 48	13 37	16 47	3 10
T 24	21 58	11 57	5 6	25 33	2 4	23 39	2 27	17 57	0 7	23 34	0 7	11 6	2 4	5 27	0 38	9 43	1 53	24 32	11 45	21 4	20 48	13 35	16 47	3 10
F 25	22 7	16 46	5 7	25 36	2 5	23 26	2 24	18 9	0 6	23 34	0 7	11 5	2 3	5 27	0 38	9 43	1 53	24 32	11 45	21 5	20 49	13 32	16 48	3 10
S 26	22 15	20 56	4 52	25 37	2 5	23 13	2 21	18 20	0 6	23 34	0 7	11 4	2 3	5 26	0 38	9 42	1 53	24 32	11 45	21 6	20 50	13 29	16 49	3 10
S 27	22 23	24 5	4 20	25 36	2 4	22 59	2 18	18 32	0 5	23 33	0 7	11 3	2 3	5 26	0 38	9 42	1 53	24 33	11 46	21 8	20 50	13 26	16 50	3 10
M28	22 30	25 51	3 32	25 32	2 3	22 45	2 14	18 43	0 4	23 33	0 7	11 1	2 3	5 25	0 38	9 42	1 53	24 33	11 46	21 9	20 51	13 23	16 51	3 11
T 29	22 37	25 59	2 29	25 27	2 1	22 31	2 10	18 54	0 4	23 32	0 7	11 0	2 3	5 25	0 38	9 41	1 53	24 34	11 46	21 9	20 52	13 20	16 52	3 11
W30	22 43	24 21	1 17	25 20	1 58	22 16	2 7	19 5	0 3	23 32	0 7	10 59	2 3	5 25	0 38	9 41	1 53	24 34	11 47	21 10	20 52	13 18	16 53	3 11
T 31	22n49	21n 7	0s 1	25n11	1n55	22n 1	2n 3	19n16	0s 2	23n31	0n 7	10n58	2n 3	5s25	0n38	9s41	1n53	24s34	11s47	21s10	20s53	13s15	16n54	3s11

Julian Day Number = 2196733.5, Delta T = 10m20s
Ecliptic obliquity = 23°31'52, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°00'36, Lahiri = 14°07'37 Julian Calendar 1 May 1302 == Greg. Calendar 9 May 1302

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ASTRODIENST EPHEMERIS for the year 1302
geocentric

JUNE 1302 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	17 7 2	17♊13'47	9♌56	9♋47	1♌49	26♉36	6♋ 2	6♍48	15°R 8	29°R45	24°R12	25♑15	26♑44	19♒20	29♉ 1	F 1
S 2	17 10 59	18°11'01	24°20	11°15	2°39	27°18	6°15	6°51	15♎ 8	29♎44	24♒11	25°17	26°41	19°27	29° 6	S 2
S 3	17 14 55	19° 8'15	8♍36	12°41	3°28	28° 0	6°28	6°54	15° 7	29°43	24°11	25°18	26°38	19°33	29°10	S 3
M 4	17 18 52	20° 5'28	22°42	14° 3	4°16	28°42	6°41	6°58	15° 6	29°42	24°10	25°R18	26°35	19°40	29°15	M 4
T 5	17 22 48	21° 2'40	6♎37	15°23	5° 4	29°24	6°55	7° 1	15° 6	29°42	24°10	25°17	26°31	19°47	29°19	T 5
W 6	17 26 45	21°59'51	20°20	16°40	5°51	0♊ 6	7° 8	7° 4	15° 5	29°41	24° 9	25°15	26°28	19°53	29°24	W 6
T 7	17 30 42	22°57'02	3♏50	17°55	6°37	0°48	7°21	7° 8	15° 5	29°40	24° 9	25°11	26°25	20° 0	29°28	T 7
F 8	17 34 38	23°54'13	17° 7	19° 7	7°22	1°30	7°34	7°12	15° 4	29°39	24° 8	25° 6	26°22	20° 7	29°32	F 8
S 9	17 38 35	24°51'23	0♐10	20°15	8° 6	2°12	7°48	7°15	15° 4	29°38	24° 8	25° 1	26°19	20°13	29°37	S 9
S 10	17 42 31	25°48'33	12°59	21°21	8°49	2°53	8° 1	7°19	15° 4	29°38	24° 7	24°57	26°16	20°20	29°41	S 10
M11	17 46 28	26°45'42	25°35	22°24	9°31	3°35	8°14	7°23	15° 4	29°37	24° 7	24°53	26°12	20°27	29°46	M11
T 12	17 50 24	27°42'52	7♑57	23°23	10°12	4°17	8°28	7°27	15° 3	29°36	24° 6	24°51	26° 9	20°33	29°50	T 12
W13	17 54 21	28°40'01	20° 8	24°20	10°52	4°58	8°41	7°31	15° 3	29°35	24° 6	24°D50	26° 6	20°40	29°54	W13
T 14	17 58 17	29°37'11	2♒ 8	25°13	11°31	5°40	8°54	7°35	15° 3	29°35	24° 5	24°50	26° 3	20°47	29°59	T 14
F 15	18 2 14	0♋34'20	14° 2	26° 2	12° 9	6°21	9° 8	7°40	15° 3	29°34	24° 4	24°51	26° 0	20°53	0♊ 3	F 15
S 16	18 6 11	1°31'30	25°51	26°49	12°46	7° 2	9°21	7°44	15°D 3	29°34	24° 4	24°53	25°56	21° 0	0° 7	S 16
S 17	18 10 7	2°28'39	7♓40	27°31	13°21	7°44	9°34	7°48	15° 3	29°33	24° 3	24°54	25°53	21° 7	0°11	S 17
M18	18 14 4	3°25'49	19°34	28°10	13°55	8°25	9°48	7°53	15° 3	29°33	24° 2	24°55	25°50	21°13	0°15	M18
T 19	18 18 0	4°23'00	1♈36	28°44	14°28	9° 6	10° 1	7°57	15° 3	29°32	24° 2	24°R56	25°47	21°20	0°20	T 19
W20	18 21 57	5°20'10	13°53	29°15	15° 0	9°47	10°15	8° 2	15° 3	29°32	24° 1	24°56	25°44	21°27	0°24	W20
T 21	18 25 53	6°17'21	26°28	29°41	15°30	10°28	10°28	8° 7	15° 4	29°31	24° 0	24°55	25°41	21°33	0°28	T 21
F 22	18 29 50	7°14'33	9♉24	0♌ 3	15°59	11°10	10°41	8°11	15° 4	29°31	23°59	24°53	25°37	21°40	0°32	F 22
S 23	18 33 46	8°11'45	22°45	0°21	16°26	11°51	10°55	8°16	15° 4	29°30	23°58	24°51	25°34	21°47	0°36	S 23
S 24	18 37 43	9° 8'58	6♊31	0°34	16°51	12°32	11° 8	8°21	15° 5	29°30	23°58	24°49	25°31	21°53	0°40	S 24
M25	18 41 40	10° 6'11	20°42	0°42	17°15	13°12	11°22	8°26	15° 5	29°30	23°57	24°47	25°28	22° 0	0°44	M25
T 26	18 45 36	11° 3'25	5♋12	0°R46	17°38	13°53	11°35	8°31	15° 6	29°30	23°56	24°46	25°25	22° 6	0°48	T 26
W27	18 49 33	12° 0'39	19°57	0°45	17°58	14°34	11°49	8°36	15° 6	29°29	23°55	24°D45	25°22	22°13	0°52	W27
T 28	18 53 29	12°57'53	4♌50	0°39	18°17	15°15	12° 2	8°41	15° 7	29°29	23°54	24°45	25°18	22°20	0°56	T 28
F 29	18 57 26	13°55'08	19°42	0°28	18°34	15°55	12°16	8°47	15° 8	29°29	23°53	24°46	25°15	22°26	0°59	F 29
S 30	19 1 22	14♋52'22	4♍28	0♌12	18♌48	16♊36	12♋29	8♍52	15♎ 8	29♎29	23♒52	24♑47	25♑12	22♒33	1♊ 3	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22n55	16n33	1s19	25n 1	1n51	21n45	1n58	19n26	0s 2	23n31	0n 7	10n57	2n 2	5s24	0n38	9s40	1n53	24s35	11s47	21s10	20s53	13s12	16n54	3s11
S 2	23 0	11 4	2 32	24 49	1 46	21 29	1 54	19 37	0 1	23 30	0 8	10 55	2 2	5 24	0 38	9 40	1 52	24 35	11 48	21 10	20 54	13 9	16 55	3 11
S 3	23 5	5 4	3 34	24 35	1 40	21 13	1 49	19 47	0 1	23 30	0 8	10 54	2 2	5 24	0 38	9 40	1 52	24 36	11 48	21 10	20 55	13 6	16 56	3 11
M 4	23 10	1s 7	4 23	24 21	1 34	20 57	1 44	19 57	0n 0	23 29	0 8	10 53	2 2	5 24	0 38	9 40	1 52	24 36	11 48	21 9	20 55	13 3	16 57	3 12
T 5	23 14	7 10	4 56	24 5	1 28	20 40	1 39	20 7	0 1	23 29	0 8	10 51	2 2	5 23	0 38	9 39	1 52	24 37	11 49	21 10	20 56	13 0	16 58	3 12
W 6	23 17	12 46	5 11	23 49	1 20	20 24	1 34	20 16	0 1	23 28	0 8	10 50	2 2	5 23	0 38	9 39	1 52	24 37	11 49	21 10	20 56	12 58	16 58	3 12
T 7	23 21	17 40	5 9	23 31	1 12	20 7	1 28	20 26	0 2	23 28	0 8	10 48	2 1	5 23	0 38	9 39	1 52	24 38	11 49	21 11	20 57	12 55	16 59	3 12
F 8	23 23	21 38	4 50	23 13	1 4	19 50	1 22	20 35	0 3	23 27	0 8	10 47	2 1	5 23	0 38	9 39	1 52	24 38	11 50	21 12	20 58	12 52	17 0	3 12
S 9	23 26	24 26	4 16	22 54	0 55	19 32	1 16	20 44	0 3	23 26	0 8	10 45	2 1	5 23	0 37	9 38	1 52	24 38	11 50	21 13	20 58	12 49	17 1	3 12
S 10	23 28	25 54	3 29	22 34	0 45	19 15	1 10	20 53	0 4	23 25	0 8	10 44	2 1	5 23	0 37	9 38	1 52	24 39	11 50	21 13	20 59	12 46	17 1	3 13
M11	23 29	26 1	2 34	22 14	0 35	18 57	1 3	21 2	0 5	23 25	0 8	10 42	2 1	5 23	0 37	9 38	1 52	24 39	11 50	21 14	20 59	12 43	17 2	3 13
T 12	23 31	24 49	1 31	21 53	0 24	18 40	0 57	21 10	0 5	23 24	0 8	10 40	2 1	5 23	0 37	9 38	1 52	24 40	11 51	21 14	21 0	12 40	17 3	3 13
W13	23 31	22 26	0 26	21 32	0 13	18 22	0 50	21 18	0 6	23 23	0 9	10 39	2 1	5 23	0 37	9 38	1 52	24 40	11 51	21 15	21 1	12 38	17 4	3 13
T 14	23 32	19 6	0n40	21 11	0 1	18 4	0 42	21 27	0 7	23 22	0 9	10 37	2 0	5 23	0 37	9 37	1 52	24 41	11 51	21 15	21 1	12 35	17 4	3 13
F 15	23 32	15 2	1 44	20 50	0s11	17 46	0 35	21 34	0 7	23 22	0 9	10 35	2 0	5 23	0 37	9 37	1 52	24 41	11 52	21 14	21 2	12 32	17 5	3 14
S 16	23 31	10 24	2 43	20 29	0 24	17 28	0 27	21 42	0 8	23 21	0 9	10 34	2 0	5 23	0 37	9 37	1 52	24 42	11 52	21 14	21 2	12 29	17 6	3 14
S 17	23 30	5 24	3 35	20 8	0 37	17 10	0 19	21 50	0 9	23 20	0 9	10 32	2 0	5 23	0 37	9 37	1 52	24 42	11 52	21 14	21 3	12 26	17 6	3 14
M18	23 29	0 12	4 18	19 47	0 51	16 53	0 10	21 57	0 9	23 19	0 9	10 30	2 0	5 23	0 37	9 37	1 52	24 43	11 53	21 14	21 4	12 23	17 7	3 14
T 19	23 27	5n 4	4 50	19 26	1 4	16 35	0 2	22 4	0 10	23 18	0 9	10 28	2 0	5 23	0 37	9 37	1 52	24 43	11 53	21 13	21 4	12 20	17 8	3 14
W20	23 25	10 15	5 10	19 6	1 19	16 17	0s 7	22 11	0 11	23 17	0 9	10 26	2 0	5 23	0 37	9 37	1 52	24 44	11 53	21 14	21 5	12 17	17 8	3 15
T 21	23 23	15 9	5 16	18 47	1 33	15 59	0 17	22 18	0 11	23 16	0 9	10 24	2 0	5 23	0 37	9 36	1 51	24 44	11 53	21 14	21 5	12 15	17 9	3 15
F 22	23 20	19 30	5 6	18 28	1 47	15 42	0 26	22 24	0 12	23 15	0 9	10 23	1 59	5 23	0 37	9 36	1 51	24 45	11 54	21 14	21 6	12 12	17 10	3 15
S 23	23 17	23 2	4 39	18 10	2 2	15 24	0 36	22 30	0 13	23 14	0 9	10 21	1 59	5 24	0 37	9 36	1 51	24 45	11 54	21 14	21 7	12 9	17 10	3 15
S 24	23 13	25 22	3 56	17 53	2 17	15 7	0 46	22 36	0 13	23 13	0 10	10 19	1 59	5 24	0 37	9 36	1 51	24 46	11 54	21 15	21 7	12 6	17 11	3 16
M25	23 9	26 9	2 58	17 36	2 32	14 50	0 56	22 42	0 14	23 12	0 10	10 17	1 59	5 24	0 37	9 36	1 51	24 47	11 54	21 15	21 8	12 3	17 11	3 16
T 26	23 4	25 12	1 46	17 21	2 46	14 33	1 7	22 48	0 15	23 11	0 10	10 15	1 59	5 24	0 37	9 36	1 51	24 47	11 55	21 15	21 8	12 0	17 12	3 16
W27	22 59	22 29	0 27	17 7	3 1	14 16	1 18	22 53	0 15	23 10	0 10	10 13	1 59	5 24	0 37	9 36	1 51	24 48	11 55	21 15	21 9	11 57	17 12	3 16
T 28	22 54	18 14	0s56	16 55	3 15	14 0	1 29	22 59	0 16	23 9	0 10	10 10	1 59	5 25	0 37	9 36	1 51	24 48	11 55	21 15	21 9	11 54	17 13	3 16
F 29	22 48	12 50	2 14	16 44	3 29	13 44	1 41	23 4	0 17	23 8	0 10	10 8	1 59	5 25	0 37	9 36	1 51	24 49	11 55	21 15	21 10	11 51	17 14	3 17
S 30	22n42	6n46	3s23	16n34	3s42	13n28	1s52	23n 9	0n18	23n 7	0n10	10n 6	1n58	5s25	0n37	9s36	1n51	24s49	11s56	21s15	21s11	11s49	17n14	3s17

Julian Day Number = 2196764.5, Delta T = 10m20s
Ecliptic obliquity = 23°31'51, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°00'40, Lahiri = 14°07'41 Julian Calendar 1 June 1302 == Greg. Calendar 9 June 1302

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ASTRODIENST EPHEMERIS for the year 1302
geocentric

JULY 1302 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	19 5 19	15♋49'37	19♍ 0	29°R52	19♌ 1	17♊17	12♋42	8♍57	15♎ 9	29°R29	23°R51	24♑48	25♑ 9	22♒40	1♊ 7	S 1
M 2	19 9 16	16°46'52	3♎15	29♋28	19°12	17°57	12°56	9° 3	15°10	29♎29	23♒50	24°48	25° 6	22°46	1°11	M 2
T 3	19 13 12	17°44'07	17°11	28°59	19°21	18°38	13° 9	9° 8	15°11	29°29	23°49	24°R48	25° 2	22°53	1°14	T 3
W 4	19 17 9	18°41'23	0♏47	28°26	19°27	19°18	13°23	9°14	15°12	29°D29	23°48	24°48	24°59	23° 0	1°18	W 4
T 5	19 21 5	19°38'39	14° 5	27°51	19°32	19°58	13°36	9°20	15°13	29°29	23°47	24°48	24°56	23° 6	1°21	T 5
F 6	19 25 2	20°35'55	27° 5	27°12	19°R34	20°39	13°49	9°25	15°14	29°29	23°46	24°47	24°53	23°13	1°25	F 6
S 7	19 28 58	21°33'12	9♐49	26°31	19°34	21°19	14° 3	9°31	15°15	29°29	23°45	24°47	24°50	23°20	1°28	S 7
S 8	19 32 55	22°30'29	22°19	25°49	19°31	21°59	14°16	9°37	15°16	29°29	23°44	24°46	24°47	23°26	1°32	S 8
M 9	19 36 51	23°27'47	4♑38	25° 5	19°26	22°39	14°29	9°43	15°17	29°29	23°43	24°46	24°43	23°33	1°35	M 9
T 10	19 40 48	24°25'06	16°46	24°22	19°19	23°19	14°43	9°49	15°19	29°29	23°42	24°D46	24°40	23°40	1°39	T 10
W11	19 44 45	25°22'25	28°46	23°39	19° 9	23°59	14°56	9°55	15°20	29°29	23°41	24°R46	24°37	23°46	1°42	W11
T 12	19 48 41	26°19'45	10♒40	22°58	18°57	24°39	15° 9	10° 1	15°21	29°30	23°40	24°46	24°34	23°53	1°45	T 12
F 13	19 52 38	27°17'06	22°30	22°18	18°42	25°19	15°23	10° 7	15°23	29°30	23°39	24°46	24°31	24° 0	1°48	F 13
S 14	19 56 34	28°14'28	4♓19	21°42	18°25	25°59	15°36	10°13	15°24	29°30	23°38	24°46	24°28	24° 6	1°52	S 14
S 15	20 0 31	29°11'51	16° 9	21°10	18° 6	26°39	15°49	10°19	15°25	29°31	23°37	24°45	24°24	24°13	1°55	S 15
M16	20 4 27	0♌ 9'15	28° 4	20°42	17°45	27°18	16° 2	10°25	15°27	29°31	23°35	24°45	24°21	24°20	1°58	M16
T 17	20 8 24	1° 6'41	10♈ 7	20°18	17°21	27°58	16°16	10°32	15°29	29°31	23°34	24°44	24°18	24°26	2° 1	T 17
W18	20 12 20	2° 4'07	22°22	20° 0	16°56	28°38	16°29	10°38	15°30	29°32	23°33	24°44	24°15	24°33	2° 4	W18
T 19	20 16 17	3° 1'35	4♉54	19°49	16°28	29°17	16°42	10°44	15°32	29°32	23°32	24°D43	24°12	24°40	2° 7	T 19
F 20	20 20 14	3°59'04	17°47	19°D43	15°59	29°57	16°55	10°51	15°34	29°33	23°31	24°44	24° 8	24°46	2° 9	F 20
S 21	20 24 10	4°56'35	1♊ 3	19°43	15°28	0♋36	17° 8	10°57	15°35	29°33	23°29	24°44	24° 5	24°53	2°12	S 21
S 22	20 28 7	5°54'07	14°45	19°51	14°55	1°16	17°21	11° 4	15°37	29°34	23°28	24°45	24° 2	25° 0	2°15	S 22
M23	20 32 3	6°51'40	28°54	20° 5	14°22	1°55	17°34	11°10	15°39	29°34	23°27	24°46	23°59	25° 6	2°18	M23
T 24	20 36 0	7°49'15	13♋27	20°26	13°47	2°35	17°47	11°17	15°41	29°35	23°26	24°47	23°56	25°13	2°20	T 24
W25	20 39 56	8°46'51	28°20	20°55	13°11	3°14	18° 0	11°24	15°43	29°36	23°25	24°R47	23°53	25°20	2°23	W25
T 26	20 43 53	9°44'29	13♌26	21°30	12°35	3°53	18°13	11°30	15°45	29°36	23°23	24°46	23°49	25°26	2°26	T 26
F 27	20 47 49	10°42'07	28°36	22°12	11°58	4°32	18°26	11°37	15°47	29°37	23°22	24°45	23°46	25°33	2°28	F 27
S 28	20 51 46	11°39'47	13♍41	23° 0	11°20	5°11	18°39	11°44	15°49	29°38	23°21	24°43	23°43	25°40	2°30	S 28
S 29	20 55 43	12°37'27	28°31	23°56	10°43	5°50	18°52	11°51	15°51	29°39	23°20	24°41	23°40	25°46	2°33	S 29
M30	20 59 39	13°35'09	13♎ 1	24°58	10° 6	6°29	19° 4	11°58	15°53	29°39	23°18	24°39	23°37	25°53	2°35	M30
T 31	21 3 36	14♌32'52	27♎ 6	26♋ 6	9♌30	7♋ 8	19♋17	12♍ 4	15♎56	29♎40	23♒17	24♑37	23♑34	26♒ 0	2♊37	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n35	0n25	4s18	16n26	3s55	13n12	2s 4	23n13	0n18	23n 5	0n10	10n 4	1n58	5s26	0n37	9s36	1n51	24s50	11s56	21s15	21s11	11s46	17n15	3s17
M 2	22 28	5s48	4 55	16 20	4 6	12 57	2 17	23 18	0 19	23 4	0 10	10 2	1 58	5 26	0 37	9 36	1 51	24 50	11 56	21 15	21 12	11 43	17 15	3 17
T 3	22 21	11 36	5 14	16 15	4 17	12 43	2 29	23 22	0 20	23 3	0 10	10 0	1 58	5 26	0 37	9 36	1 51	24 51	11 56	21 15	21 12	11 40	17 16	3 18
W 4	22 13	16 43	5 16	16 12	4 27	12 29	2 42	23 26	0 20	23 2	0 11	9 58	1 58	5 27	0 36	9 36	1 51	24 52	11 57	21 15	21 13	11 37	17 16	3 18
T 5	22 5	20 53	5 0	16 11	4 35	12 15	2 55	23 30	0 21	23 1	0 11	9 55	1 58	5 27	0 36	9 36	1 51	24 52	11 57	21 15	21 13	11 34	17 17	3 18
F 6	21 57	23 56	4 28	16 11	4 42	12 2	3 8	23 33	0 22	22 59	0 11	9 53	1 58	5 28	0 36	9 36	1 51	24 53	11 57	21 15	21 14	11 31	17 17	3 18
S 7	21 48	25 42	3 45	16 14	4 47	11 49	3 21	23 37	0 22	22 58	0 11	9 51	1 58	5 28	0 36	9 36	1 51	24 53	11 57	21 15	21 15	11 28	17 17	3 19
S 8	21 39	26 9	2 51	16 18	4 51	11 37	3 35	23 40	0 23	22 57	0 11	9 49	1 58	5 29	0 36	9 37	1 50	24 54	11 57	21 15	21 15	11 25	17 18	3 19
M 9	21 29	25 17	1 50	16 23	4 53	11 26	3 48	23 43	0 24	22 55	0 11	9 46	1 58	5 29	0 36	9 37	1 50	24 54	11 58	21 15	21 16	11 22	17 18	3 19
T 10	21 19	23 12	0 44	16 30	4 54	11 15	4 2	23 46	0 24	22 54	0 11	9 44	1 58	5 30	0 36	9 37	1 50	24 55	11 58	21 15	21 16	11 19	17 19	3 20
W11	21 9	20 7	0n22	16 39	4 52	11 5	4 16	23 49	0 25	22 53	0 11	9 42	1 57	5 30	0 36	9 37	1 50	24 55	11 58	21 15	21 17	11 17	17 19	3 20
T 12	20 58	16 14	1 27	16 49	4 49	10 56	4 30	23 51	0 26	22 51	0 11	9 39	1 57	5 31	0 36	9 37	1 50	24 56	11 58	21 15	21 17	11 14	17 19	3 20
F 13	20 47	11 44	2 28	17 0	4 44	10 47	4 43	23 53	0 26	22 50	0 11	9 37	1 57	5 31	0 36	9 37	1 50	24 57	11 58	21 15	21 18	11 11	17 20	3 20
S 14	20 36	6 49	3 22	17 12	4 38	10 39	4 57	23 55	0 27	22 48	0 12	9 34	1 57	5 32	0 36	9 37	1 50	24 57	11 59	21 15	21 19	11 8	17 20	3 21
S 15	20 24	1 40	4 8	17 25	4 30	10 32	5 11	23 57	0 28	22 47	0 12	9 32	1 57	5 32	0 36	9 38	1 50	24 58	11 59	21 15	21 19	11 5	17 20	3 21
M16	20 12	3n34	4 44	17 39	4 20	10 26	5 24	23 59	0 28	22 45	0 12	9 30	1 57	5 33	0 36	9 38	1 50	24 58	11 59	21 16	21 20	11 2	17 21	3 21
T 17	19 59	8 43	5 7	17 53	4 9	10 20	5 37	24 0	0 29	22 44	0 12	9 27	1 57	5 34	0 36	9 38	1 50	24 59	11 59	21 16	21 20	10 59	17 21	3 21
W18	19 46	13 38	5 17	18 8	3 57	10 15	5 50	24 1	0 30	22 42	0 12	9 25	1 57	5 34	0 36	9 38	1 50	24 59	11 59	21 16	21 21	10 56	17 21	3 22
T 19	19 33	18 6	5 12	18 22	3 44	10 11	6 3	24 2	0 30	22 41	0 12	9 22	1 57	5 35	0 36	9 38	1 50	25 0	11 59	21 16	21 21	10 53	17 22	3 22
F 20	19 20	21 52	4 52	18 37	3 29	10 8	6 15	24 3	0 31	22 39	0 12	9 20	1 57	5 36	0 36	9 39	1 50	25 0	12 0	21 16	21 22	10 50	17 22	3 22
S 21	19 6	24 37	4 16	18 52	3 15	10 6	6 27	24 3	0 32	22 38	0 12	9 17	1 57	5 37	0 36	9 39	1 50	25 1	12 0	21 16	21 23	10 47	17 22	3 23
S 22	18 52	26 2	3 24	19 6	2 59	10 4	6 38	24 4	0 32	22 36	0 12	9 14	1 57	5 37	0 36	9 39	1 50	25 2	12 0	21 15	21 23	10 44	17 22	3 23
M23	18 38	25 50	2 19	19 20	2 43	10 3	6 49	24 4	0 33	22 35	0 12	9 12	1 57	5 38	0 36	9 39	1 50	25 2	12 0	21 15	21 24	10 41	17 23	3 23
T 24	18 23	23 53	1 2	19 33	2 27	10 3	6 59	24 4	0 34	22 33	0 13	9 9	1 57	5 39	0 36	9 40	1 49	25 3	12 0	21 15	21 24	10 39	17 23	3 24
W25	18 8	20 15	0s20	19 45	2 10	10 4	7 9	24 4	0 34	22 31	0 13	9 7	1 56	5 40	0 36	9 40	1 49	25 3	12 0	21 15	21 25	10 36	17 23	3 24
T 26	17 53	15 14	1 41	19 56	1 53	10 6	7 17	24 4	0 35	22 30	0 13	9 4	1 56	5 40	0 36	9 40	1 49	25 4	12 0	21 15	21 25	10 33	17 23	3 24
F 27	17 37	9 15	2 56	20 6	1 37	10 8	7 25	24 3	0 36	22 28	0 13	9 1	1 56	5 41	0 36	9 41	1 49	25 4	12 0	21 15	21 26	10 30	17 23	3 25
S 28	17 21	2 46	3 59	20 14	1 20	10 11	7 33	24 2	0 36	22 27	0 13	8 59	1 56	5 42	0 36	9 41	1 49	25 5	12 1	21 16	21 26	10 27	17 24	3 25
S 29	17 5	3s45	4 44	20 21	1 4	10 15	7 39	24 1	0 37	22 25	0 13	8 56	1 56	5 43	0 36	9 41	1 49	25 5	12 1	21 16	21 27	10 24	17 24	3 25
M30	16 49	9 54	5 9	20 26	0 48	10 19	7 45	24 0	0 38	22 23	0 13	8 53	1 56	5 44	0 36	9 42	1 49	25 6	12 1	21 17	21 27	10 21	17 24	3 25
T 31	16n32	15s22	5s15	20n28	0s33	10n24	7s49	23n59	0n39	22n21	0n13	8n51	1n56	5s45	0n35	9s42	1n49	25s 6	12s 1	21s17	21s28	10s18	17n24	3s26

Julian Day Number = 2196794.5, Delta T = 10m20s
Ecliptic obliquity = 23°31'51, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°00'45, Lahiri = 14°07'45 Julian Calendar 1 July 1302 == Greg. Calendar 9 July 1302

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ASTRODIENST EPHEMERIS for the year 1302
geocentric

AUGUST 1302 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	21 7 32	15♌30'36	10♏45	27♋20	8°R54	7♋47	19♋30	12♍11	15♎58	29♎41	23°R16	24°D37	23♉30	26♒ 6	2♊39	W 1
T 2	21 11 29	16°28'21	23°59	28°40	8♌19	8°26	19°43	12°18	16° 0	29°42	23♒15	24♉37	23°27	26°13	2°42	T 2
F 3	21 15 25	17°26'08	6♐51	0♌ 5	7°46	9° 5	19°55	12°25	16° 3	29°43	23°13	24°38	23°24	26°20	2°44	F 3
S 4	21 19 22	18°23'55	19°24	1°35	7°13	9°43	20° 8	12°32	16° 5	29°44	23°12	24°39	23°21	26°26	2°46	S 4
S 5	21 23 18	19°21'44	1♉41	3°10	6°42	10°22	20°20	12°39	16° 7	29°45	23°11	24°41	23°18	26°33	2°48	S 5
M 6	21 27 15	20°19'34	13°48	4°49	6°13	11° 1	20°33	12°46	16°10	29°46	23° 9	24°42	23°14	26°40	2°49	M 6
T 7	21 31 12	21°17'26	25°45	6°31	5°46	11°39	20°45	12°53	16°12	29°47	23° 8	24°R42	23°11	26°46	2°51	T 7
W 8	21 35 8	22°15'19	7♒38	8°17	5°21	12°18	20°57	13° 1	16°15	29°48	23° 7	24°42	23° 8	26°53	2°53	W 8
T 9	21 39 5	23°13'13	19°27	10° 6	4°57	12°56	21°10	13° 8	16°18	29°49	23° 6	24°40	23° 5	27° 0	2°55	T 9
F 10	21 43 1	24°11'09	1♓17	11°57	4°36	13°34	21°22	13°15	16°20	29°50	23° 4	24°36	23° 2	27° 6	2°56	F 10
S 11	21 46 58	25° 9'06	13° 7	13°50	4°18	14°13	21°34	13°22	16°23	29°52	23° 3	24°31	22°59	27°13	2°58	S 11
S 12	21 50 54	26° 7'05	25° 1	15°45	4° 1	14°51	21°46	13°29	16°26	29°53	23° 2	24°26	22°55	27°20	2°59	S 12
M13	21 54 51	27° 5'06	7♈ 1	17°40	3°47	15°29	21°59	13°36	16°28	29°54	23° 0	24°20	22°52	27°26	3° 1	M13
T 14	21 58 47	28° 3'09	19° 8	19°37	3°36	16° 7	22°11	13°44	16°31	29°55	22°59	24°15	22°49	27°33	3° 2	T 14
W15	22 2 44	29° 1'14	1♉26	21°34	3°26	16°45	22°23	13°51	16°34	29°56	22°58	24°11	22°46	27°40	3° 3	W15
T 16	22 6 41	29°59'21	13°58	23°31	3°19	17°23	22°34	13°58	16°37	29°58	22°56	24° 8	22°43	27°46	3° 5	T 16
F 17	22 10 37	0♍57'29	26°47	25°29	3°15	18° 1	22°46	14° 6	16°40	29°59	22°55	24°D 7	22°40	27°53	3° 6	F 17
S 18	22 14 34	1°55'40	9♊56	27°26	3°D13	18°39	22°58	14°13	16°43	0♏ 0	22°54	24° 7	22°36	28° 0	3° 7	S 18
S 19	22 18 30	2°53'53	23°29	29°22	3°14	19°17	23°10	14°20	16°45	0° 2	22°53	24° 8	22°33	28° 6	3° 8	S 19
M20	22 22 27	3°52'08	7♋28	1♍18	3°16	19°55	23°21	14°28	16°48	0° 3	22°51	24° 9	22°30	28°13	3° 9	M20
T 21	22 26 23	4°50'25	21°51	3°13	3°21	20°33	23°33	14°35	16°51	0° 5	22°50	24°R10	22°27	28°20	3°10	T 21
W22	22 30 20	5°48'44	6♌38	5° 8	3°28	21°10	23°45	14°42	16°54	0° 6	22°49	24° 9	22°24	28°26	3°11	W22
T 23	22 34 16	6°47'05	21°42	7° 1	3°38	21°48	23°56	14°50	16°58	0° 8	22°48	24° 7	22°20	28°33	3°11	T 23
F 24	22 38 13	7°45'28	6♍56	8°54	3°49	22°25	24° 7	14°57	17° 1	0° 9	22°46	24° 3	22°17	28°40	3°12	F 24
S 25	22 42 10	8°43'53	22° 9	10°45	4° 3	23° 3	24°19	15° 5	17° 4	0°11	22°45	23°57	22°14	28°47	3°13	S 25
S 26	22 46 6	9°42'19	7♎11	12°36	4°19	23°40	24°30	15°12	17° 7	0°12	22°44	23°50	22°11	28°53	3°13	S 26
M27	22 50 3	10°40'48	21°53	14°26	4°36	24°18	24°41	15°20	17°10	0°14	22°43	23°43	22° 8	29° 0	3°14	M27
T 28	22 53 59	11°39'18	6♏ 8	16°14	4°56	24°55	24°52	15°27	17°13	0°15	22°42	23°37	22° 5	29° 7	3°14	T 28
W29	22 57 56	12°37'50	19°55	18° 1	5°17	25°32	25° 3	15°34	17°17	0°17	22°40	23°33	22° 1	29°13	3°14	W29
T 30	23 1 52	13°36'23	3♐13	19°48	5°40	26° 9	25°14	15°42	17°20	0°19	22°39	23°30	21°58	29°20	3°15	T 30
F 31	23 5 49	14♍34'58	16♐ 4	21♍33	6♌ 5	26♋46	25♋25	15♍49	17♎23	0♏20	22♒38	23°D30	21♉55	29♒27	3♊15	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	16n15	19s54	5s 3	20n29	0s18	10n29	7s53	23n57	0n39	22n20	0n13	8n48	1n56	5s46	0n35	9s42	1n49	25s 7	12s 1	21s17	21s29	10s15	17n24	3s26
T 2	15 58	23 17	4 35	20 27	0 4	10 35	7 56	23 56	0 40	22 18	0 14	8 45	1 56	5 46	0 35	9 43	1 49	25 7	12 1	21 17	21 29	10 12	17 24	3 26
F 3	15 40	25 23	3 54	20 22	0n10	10 41	7 58	23 54	0 41	22 16	0 14	8 43	1 56	5 47	0 35	9 43	1 49	25 8	12 1	21 17	21 30	10 9	17 24	3 27
S 4	15 22	26 8	3 2	20 15	0 22	10 48	8 0	23 52	0 41	22 15	0 14	8 40	1 56	5 48	0 35	9 43	1 49	25 9	12 1	21 17	21 30	10 6	17 24	3 27
S 5	15 4	25 35	2 3	20 5	0 34	10 55	8 0	23 49	0 42	22 13	0 14	8 37	1 56	5 49	0 35	9 44	1 49	25 9	12 1	21 16	21 31	10 3	17 24	3 27
M 6	14 46	23 48	1 0	19 52	0 45	11 2	8 0	23 47	0 43	22 11	0 14	8 35	1 56	5 50	0 35	9 44	1 49	25 10	12 1	21 16	21 31	10 0	17 24	3 28
T 7	14 28	20 59	0n 6	19 37	0 56	11 10	7 59	23 44	0 43	22 9	0 14	8 32	1 56	5 51	0 35	9 45	1 49	25 10	12 1	21 16	21 32	9 57	17 24	3 28
W 8	14 9	17 18	1 10	19 18	1 5	11 17	7 57	23 41	0 44	22 7	0 14	8 29	1 56	5 52	0 35	9 45	1 49	25 11	12 1	21 16	21 32	9 54	17 24	3 28
T 9	13 50	12 57	2 12	18 57	1 13	11 25	7 54	23 38	0 45	22 6	0 14	8 26	1 56	5 53	0 35	9 45	1 49	25 11	12 2	21 16	21 33	9 51	17 24	3 29
F 10	13 31	8 9	3 7	18 34	1 20	11 33	7 51	23 35	0 45	22 4	0 14	8 23	1 56	5 54	0 35	9 46	1 49	25 11	12 2	21 17	21 33	9 48	17 24	3 29
S 11	13 11	3 3	3 54	18 7	1 27	11 41	7 47	23 32	0 46	22 2	0 15	8 21	1 56	5 55	0 35	9 46	1 48	25 12	12 2	21 18	21 34	9 45	17 24	3 29
S 12	12 52	2n10	4 32	17 39	1 32	11 49	7 43	23 29	0 47	22 0	0 15	8 18	1 56	5 57	0 35	9 47	1 48	25 12	12 2	21 19	21 34	9 43	17 24	3 30
M13	12 32	7 21	4 58	17 8	1 37	11 57	7 38	23 25	0 47	21 58	0 15	8 15	1 56	5 58	0 35	9 47	1 48	25 13	12 2	21 20	21 35	9 40	17 24	3 30
T 14	12 12	12 18	5 10	16 35	1 41	12 5	7 32	23 21	0 48	21 57	0 15	8 12	1 56	5 59	0 35	9 48	1 48	25 13	12 2	21 21	21 36	9 37	17 24	3 30
W15	11 52	16 50	5 9	16 0	1 43	12 13	7 26	23 17	0 49	21 55	0 15	8 9	1 56	6 0	0 35	9 48	1 48	25 14	12 2	21 22	21 36	9 34	17 24	3 31
T 16	11 31	20 45	4 53	15 23	1 46	12 21	7 20	23 13	0 50	21 53	0 15	8 7	1 56	6 1	0 35	9 49	1 48	25 14	12 2	21 22	21 37	9 31	17 24	3 31
F 17	11 11	23 46	4 23	14 45	1 47	12 28	7 13	23 9	0 50	21 51	0 15	8 4	1 56	6 2	0 35	9 49	1 48	25 15	12 2	21 22	21 37	9 28	17 24	3 31
S 18	10 50	25 37	3 37	14 5	1 47	12 36	7 6	23 4	0 51	21 49	0 15	8 1	1 56	6 3	0 35	9 50	1 48	25 15	12 2	21 22	21 38	9 25	17 24	3 32
S 19	10 29	26 1	2 39	13 24	1 47	12 43	6 59	22 59	0 52	21 47	0 16	7 58	1 56	6 4	0 35	9 50	1 48	25 16	12 2	21 22	21 38	9 22	17 24	3 32
M20	10 8	24 49	1 30	12 42	1 46	12 50	6 51	22 55	0 52	21 46	0 16	7 55	1 56	6 6	0 35	9 51	1 48	25 16	12 2	21 22	21 39	9 19	17 23	3 33
T 21	9 46	21 57	0 13	11 59	1 45	12 56	6 43	22 50	0 53	21 44	0 16	7 52	1 56	6 7	0 35	9 51	1 48	25 16	12 2	21 22	21 39	9 16	17 23	3 33
W22	9 25	17 36	1s 7	11 16	1 43	13 2	6 35	22 44	0 54	21 42	0 16	7 50	1 56	6 8	0 35	9 52	1 48	25 17	12 2	21 22	21 40	9 13	17 23	3 33
T 23	9 3	12 3	2 24	10 31	1 40	13 8	6 27	22 39	0 54	21 40	0 16	7 47	1 56	6 9	0 35	9 53	1 48	25 17	12 2	21 22	21 40	9 10	17 23	3 34
F 24	8 42	5 44	3 31	9 46	1 37	13 14	6 18	22 34	0 55	21 38	0 16	7 44	1 56	6 10	0 35	9 53	1 48	25 18	12 2	21 23	21 41	9 7	17 23	3 34
S 25	8 20	0s54	4 23	9 0	1 34	13 19	6 10	22 28	0 56	21 36	0 16	7 41	1 56	6 12	0 35	9 54	1 48	25 18	12 2	21 24	21 41	9 4	17 22	3 34
S 26	7 58	7 23	4 55	8 14	1 30	13 24	6 1	22 22	0 56	21 34	0 16	7 38	1 56	6 13	0 35	9 54	1 48	25 18	12 2	21 25	21 42	9 1	17 22	3 35
M27	7 35	13 19	5 8	7 28	1 26	13 29	5 52	22 17	0 57	21 33	0 17	7 35	1 56	6 14	0 35	9 55	1 48	25 19	12 1	21 26	21 42	8 58	17 22	3 35
T 28	7 13	18 21	5 1	6 42	1 21	13 33	5 43	22 11	0 58	21 31	0 17	7 32	1 56	6 15	0 35	9 56	1 48	25 19	12 1	21 27	21 43	8 55	17 22	3 35
W29	6 51	22 13	4 36	5 55	1 16	13 37	5 34	22 4	0 59	21 29	0 17	7 29	1 56	6 17	0 35	9 56	1 48	25 20	12 1	21 28	21 43	8 52	17 21	3 36
T 30	6 28	24 46	3 58	5 9	1 11	13 40	5 25	21 58	0 59	21 27	0 17	7 27	1 56	6 18	0 35	9 57	1 48	25 20	12 1	21 29	21 44	8 49	17 21	3 36
F 31	6n 6	25s55	3s 8	4n22	1n 5	13n43	5s16	21n52	1n 0	21n25	0n17	7n24	1n56	6s19	0n35	9s57	1n48	25s20	12s 1	21s29	21s44	8s46	17n21	3s36

Julian Day Number = 2196825.5, Delta T = 10m20s
Ecliptic obliquity = 23°31'51, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°00'49, Lahiri = 14°07'49 Julian Calendar 1 Aug. 1302 == Greg. Calendar 9 Aug. 1302

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ASTRODIENST EPHEMERIS for the year 1302
geocentric

SEPTEMBER 1302 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	23 9 45	15♍33'35	28♐34	23♍17	6♌31	27♋24	25♋35	15♍57	17♎27	0♏22	22°R37	23♑30	21♑52	29♒33	3♊15	S 1
S 2	23 13 42	16°32'14	10♑46	25° 1	6°59	28° 0	25°46	16° 4	17°30	0°24	22♒36	23°31	21°49	29°40	3°R15	S 2
M 3	23 17 39	17°30'54	22°46	26°43	7°29	28°37	25°57	16°12	17°33	0°26	22°34	23°R32	21°45	29°47	3°15	M 3
T 4	23 21 35	18°29'36	4♒39	28°24	8° 0	29°14	26° 7	16°19	17°37	0°27	22°33	23°31	21°42	29°53	3°15	T 4
W 5	23 25 32	19°28'20	16°27	0♎ 4	8°33	29°51	26°17	16°27	17°40	0°29	22°32	23°29	21°39	29°59	3°15	W 5
T 6	23 29 28	20°27'05	28°16	1°43	9° 6	0♌28	26°28	16°34	17°43	0°31	22°31	23°23	21°36	0♓ 7	3°14	T 6
F 7	23 33 25	21°25'53	10♓ 7	3°22	9°42	1° 4	26°38	16°41	17°47	0°33	22°30	23°16	21°33	0°13	3°14	F 7
S 8	23 37 21	22°24'42	22° 2	4°59	10°18	1°41	26°48	16°49	17°50	0°35	22°29	23° 6	21°30	0°20	3°14	S 8
S 9	23 41 18	23°23'34	4♈ 4	6°35	10°56	2°17	26°58	16°56	17°54	0°37	22°28	22°55	21°26	0°27	3°13	S 9
M10	23 45 14	24°22'27	16°13	8°11	11°35	2°54	27° 8	17° 4	17°57	0°38	22°27	22°43	21°23	0°33	3°13	M10
T 11	23 49 11	25°21'23	28°31	9°45	12°15	3°30	27°18	17°11	18° 1	0°40	22°26	22°32	21°20	0°40	3°12	T 11
W12	23 53 7	26°20'21	10♉58	11°19	12°57	4° 7	27°27	17°18	18° 5	0°42	22°25	22°23	21°17	0°47	3°12	W12
T 13	23 57 4	27°19'21	23°37	12°52	13°39	4°43	27°37	17°26	18° 8	0°44	22°24	22°15	21°14	0°53	3°11	T 13
F 14	0 1 1	28°18'24	6♊29	14°24	14°23	5°19	27°46	17°33	18°12	0°46	22°23	22°11	21°11	1° 0	3°10	F 14
S 15	0 4 57	29°17'29	19°37	15°55	15° 7	5°55	27°56	17°41	18°15	0°48	22°22	22° 9	21° 7	1° 7	3° 9	S 15
S 16	0 8 54	0♎16'36	3♋ 4	17°26	15°53	6°31	28° 5	17°48	18°19	0°50	22°21	22°D 8	21° 4	1°13	3° 8	S 16
M17	0 12 50	1°15'46	16°51	18°55	16°39	7° 7	28°14	17°55	18°23	0°52	22°20	22°R 9	21° 1	1°20	3° 7	M17
T 18	0 16 47	2°14'58	1♌ 0	20°24	17°26	7°43	28°23	18° 3	18°26	0°54	22°19	22° 9	20°58	1°27	3° 6	T 18
W19	0 20 43	3°14'13	15°30	21°52	18°14	8°19	28°32	18°10	18°30	0°56	22°18	22° 7	20°55	1°33	3° 5	W19
T 20	0 24 40	4°13'29	0♍19	23°18	19° 3	8°55	28°41	18°17	18°34	0°58	22°17	22° 2	20°51	1°40	3° 4	T 20
F 21	0 28 36	5°12'48	15°20	24°44	19°53	9°30	28°49	18°24	18°37	1° 0	22°16	21°55	20°48	1°47	3° 3	F 21
S 22	0 32 33	6°12'09	0♎24	26°10	20°44	10° 6	28°58	18°32	18°41	1° 2	22°15	21°46	20°45	1°53	3° 1	S 22
S 23	0 36 30	7°11'33	15°23	27°34	21°35	10°41	29° 6	18°39	18°45	1° 4	22°14	21°35	20°42	2° 0	3° 0	S 23
M24	0 40 26	8°10'58	0♏ 5	28°57	22°27	11°17	29°14	18°46	18°48	1° 6	22°14	21°23	20°39	2° 7	2°58	M24
T 25	0 44 23	9°10'25	14°25	0♏19	23°20	11°52	29°22	18°53	18°52	1° 9	22°13	21°13	20°36	2°13	2°57	T 25
W26	0 48 19	10° 9'54	28°17	1°41	24°13	12°28	29°30	19° 0	18°56	1°11	22°12	21° 5	20°32	2°20	2°55	W26
T 27	0 52 16	11° 9'26	11♐40	3° 1	25° 7	13° 3	29°38	19° 7	19° 0	1°13	22°11	21° 0	20°29	2°27	2°53	T 27
F 28	0 56 12	12° 8'59	24°35	4°20	26° 2	13°38	29°46	19°14	19° 3	1°15	22°10	20°57	20°26	2°33	2°52	F 28
S 29	1 0 9	13° 8'33	7♑ 7	5°38	26°57	14°13	29°54	19°22	19° 7	1°17	22°10	20°56	20°23	2°40	2°50	S 29
S 30	1 4 5	14♎ 8'10	19♑20	6♏54	27♌53	14♌48	0♌ 1	19♍29	19♎11	1♏19	22♒ 9	20♑56	20♑20	2♓47	2♊48	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	5n43	25s42	2s10	3n35	1n 0	13n45	5s 7	21n45	1n 1	21n23	0n17	7n21	1n56	6s20	0n35	9s58	1n47	25s21	12s 1	21s29	21s45	8s43	17n20	3s37
S 2	5 20	24 14	1 8	2 49	0 54	13 47	4 58	21 39	1 1	21 21	0 17	7 18	1 56	6 22	0 35	9 59	1 47	25 21	12 1	21 28	21 45	8 40	17 20	3 37
M 3	4 57	21 40	0 4	2 2	0 48	13 49	4 49	21 32	1 2	21 20	0 18	7 15	1 56	6 23	0 35	9 59	1 47	25 21	12 1	21 28	21 46	8 37	17 20	3 37
T 4	4 34	18 13	0n59	1 16	0 41	13 50	4 40	21 25	1 3	21 18	0 18	7 12	1 56	6 24	0 35	10 0	1 47	25 22	12 1	21 28	21 46	8 34	17 19	3 38
W 5	4 11	14 4	2 0	0 30	0 35	13 50	4 31	21 18	1 4	21 16	0 18	7 9	1 56	6 26	0 35	10 1	1 47	25 22	12 1	21 29	21 47	8 31	17 19	3 38
T 6	3 48	9 23	2 55	0s16	0 28	13 50	4 22	21 10	1 4	21 14	0 18	7 7	1 56	6 27	0 35	10 1	1 47	25 22	12 1	21 30	21 47	8 28	17 19	3 39
F 7	3 25	4 22	3 42	1 1	0 21	13 50	4 13	21 3	1 5	21 12	0 18	7 4	1 57	6 28	0 34	10 2	1 47	25 22	12 1	21 31	21 48	8 25	17 18	3 39
S 8	3 1	0n49	4 21	1 46	0 14	13 49	4 4	20 56	1 6	21 11	0 18	7 1	1 57	6 30	0 34	10 3	1 47	25 23	12 1	21 33	21 48	8 22	17 18	3 39
S 9	2 38	6 1	4 47	2 31	0 7	13 47	3 55	20 48	1 6	21 9	0 18	6 58	1 57	6 31	0 34	10 3	1 47	25 23	12 0	21 35	21 49	8 19	17 17	3 40
M10	2 15	11 2	5 1	3 15	0 0	13 45	3 46	20 40	1 7	21 7	0 19	6 55	1 57	6 32	0 34	10 4	1 47	25 23	12 0	21 37	21 49	8 16	17 17	3 40
T 11	1 51	15 41	5 2	3 59	0s 7	13 43	3 37	20 33	1 8	21 5	0 19	6 52	1 57	6 34	0 34	10 5	1 47	25 23	12 0	21 38	21 50	8 13	17 16	3 40
W12	1 28	19 43	4 48	4 43	0 14	13 40	3 28	20 25	1 9	21 3	0 19	6 49	1 57	6 35	0 34	10 5	1 47	25 24	12 0	21 40	21 50	8 10	17 16	3 41
T 13	1 4	22 56	4 20	5 26	0 21	13 36	3 20	20 17	1 9	21 2	0 19	6 47	1 57	6 37	0 34	10 6	1 47	25 24	12 0	21 41	21 51	8 7	17 15	3 41
F 14	0 41	25 3	3 38	6 8	0 28	13 32	3 11	20 9	1 10	21 0	0 19	6 44	1 57	6 38	0 34	10 7	1 47	25 24	12 0	21 42	21 51	8 4	17 15	3 41
S 15	0 17	25 51	2 44	6 50	0 36	13 27	3 2	20 0	1 11	20 58	0 19	6 41	1 57	6 39	0 34	10 8	1 47	25 24	12 0	21 42	21 52	8 1	17 14	3 42
S 16	0s 7	25 9	1 40	7 32	0 43	13 22	2 54	19 52	1 11	20 57	0 19	6 38	1 57	6 41	0 34	10 8	1 47	25 25	12 0	21 42	21 52	7 58	17 14	3 42
M17	0 30	22 56	0 28	8 13	0 50	13 16	2 46	19 44	1 12	20 55	0 20	6 35	1 57	6 42	0 34	10 9	1 47	25 25	11 59	21 42	21 53	7 55	17 13	3 42
T 18	0 54	19 15	0s47	8 53	0 57	13 10	2 37	19 35	1 13	20 53	0 20	6 33	1 57	6 44	0 34	10 10	1 47	25 25	11 59	21 42	21 53	7 52	17 13	3 43
W19	1 18	14 20	2 1	9 33	1 5	13 3	2 29	19 26	1 14	20 52	0 20	6 30	1 57	6 45	0 34	10 10	1 47	25 25	11 59	21 42	21 54	7 49	17 12	3 43
T 20	1 41	8 29	3 8	10 12	1 12	12 56	2 21	19 18	1 14	20 50	0 20	6 27	1 58	6 46	0 34	10 11	1 47	25 25	11 59	21 43	21 54	7 47	17 12	3 43
F 21	2 5	2 5	4 3	10 50	1 19	12 48	2 13	19 9	1 15	20 48	0 20	6 24	1 58	6 48	0 34	10 12	1 47	25 25	11 59	21 44	21 55	7 44	17 11	3 44
S 22	2 28	4s27	4 41	11 28	1 26	12 40	2 5	19 0	1 16	20 47	0 20	6 22	1 58	6 49	0 34	10 13	1 47	25 26	11 59	21 46	21 55	7 41	17 11	3 44
S 23	2 52	10 41	5 0	12 5	1 32	12 31	1 57	18 51	1 17	20 45	0 20	6 19	1 58	6 51	0 34	10 13	1 47	25 26	11 58	21 48	21 56	7 38	17 10	3 44
M24	3 15	16 11	4 58	12 41	1 39	12 21	1 50	18 42	1 17	20 43	0 21	6 16	1 58	6 52	0 34	10 14	1 47	25 26	11 58	21 49	21 56	7 35	17 9	3 45
T 25	3 39	20 38	4 37	13 17	1 46	12 11	1 42	18 33	1 18	20 42	0 21	6 13	1 58	6 53	0 34	10 15	1 47	25 26	11 58	21 51	21 57	7 32	17 9	3 45
W26	4 2	23 46	4 1	13 51	1 52	12 1	1 35	18 23	1 19	20 40	0 21	6 11	1 58	6 55	0 34	10 16	1 47	25 26	11 58	21 52	21 57	7 29	17 8	3 45
T 27	4 26	25 26	3 12	14 25	1 59	11 50	1 27	18 14	1 20	20 39	0 21	6 8	1 58	6 56	0 34	10 16	1 47	25 26	11 58	21 53	21 58	7 26	17 7	3 46
F 28	4 49	25 40	2 15	14 58	2 5	11 38	1 20	18 5	1 20	20 37	0 21	6 5	1 58	6 58	0 34	10 17	1 47	25 26	11 58	21 54	21 58	7 23	17 7	3 46
S 29	5 13	24 33	1 13	15 30	2 11	11 26	1 13	17 55	1 21	20 36	0 21	6 3	1 59	6 59	0 34	10 18	1 47	25 26	11 57	21 54	21 59	7 20	17 6	3 46
S 30	5s36	22s16	0s 9	16s 1	2s16	11n13	1s 6	17n46	1n22	20n35	0n22	6n 0	1n59	7s 1	0n34	10s19	1n47	25s26	11s57	21s54	21s59	7s17	17n 6	3s47

Julian Day Number = 2196856.5, Delta T = 10m20s
Ecliptic obliquity = 23°31'51, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°00'53, Lahiri = 14°07'53 Julian Calendar 1 Sept. 1302 == Greg. Calendar 9 Sept. 1302

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ASTRODIENST EPHEMERIS for the year 1302
geocentric

OCTOBER 1302 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	1 8 2	15♎ 7'48	1♒19	8♏ 9	28♌49	15♌23	0♌ 8	19♍36	19♎15	1♏21	22°R 8	20°R56	20♑17	2♓54	2°R46	M 1
T 2	1 11 59	16° 7'28	13°10	9°23	29°46	15°57	0°16	19°43	19°18	1°24	22♒ 8	20♑54	20°13	3° 0	2♊44	T 2
W 3	1 15 55	17° 7'10	24°58	10°35	0♍44	16°32	0°23	19°49	19°22	1°26	22° 7	20°50	20°10	3° 7	2°42	W 3
T 4	1 19 52	18° 6'53	6♓48	11°45	1°42	17° 7	0°30	19°56	19°26	1°28	22° 6	20°44	20° 7	3°14	2°40	T 4
F 5	1 23 48	19° 6'38	18°43	12°53	2°40	17°41	0°36	20° 3	19°30	1°30	22° 6	20°34	20° 4	3°20	2°38	F 5
S 6	1 27 45	20° 6'25	0♈45	14° 0	3°39	18°16	0°43	20°10	19°33	1°32	22° 5	20°22	20° 1	3°27	2°36	S 6
S 7	1 31 41	21° 6'14	12°57	15° 3	4°39	18°50	0°49	20°17	19°37	1°35	22° 5	20° 8	19°57	3°34	2°33	S 7
M 8	1 35 38	22° 6'06	25°20	16° 5	5°39	19°24	0°56	20°23	19°41	1°37	22° 4	19°54	19°54	3°40	2°31	M 8
T 9	1 39 34	23° 5'59	7♉53	17° 3	6°39	19°58	1° 2	20°30	19°45	1°39	22° 4	19°41	19°51	3°47	2°29	T 9
W10	1 43 31	24° 5'54	20°37	17°58	7°40	20°32	1° 8	20°37	19°48	1°41	22° 3	19°29	19°48	3°54	2°26	W10
T 11	1 47 27	25° 5'51	3♊32	18°50	8°41	21° 6	1°14	20°43	19°52	1°44	22° 3	19°20	19°45	4° 0	2°24	T 11
F 12	1 51 24	26° 5'50	16°38	19°38	9°43	21°40	1°19	20°50	19°56	1°46	22° 2	19°13	19°42	4° 7	2°21	F 12
S 13	1 55 21	27° 5'52	29°55	20°22	10°45	22°14	1°25	20°56	20° 0	1°48	22° 2	19°10	19°38	4°14	2°19	S 13
S 14	1 59 17	28° 5'56	13♋25	21° 0	11°47	22°47	1°30	21° 3	20° 4	1°50	22° 1	19° 9	19°35	4°20	2°16	S 14
M15	2 3 14	29° 6'02	27° 9	21°34	12°50	23°21	1°35	21° 9	20° 7	1°53	22° 1	19° 9	19°32	4°27	2°13	M15
T 16	2 7 10	0♏ 6'10	11♌ 7	22° 1	13°53	23°54	1°41	21°16	20°11	1°55	22° 1	19° 9	19°29	4°34	2°11	T 16
W17	2 11 7	1° 6'20	25°21	22°22	14°56	24°28	1°45	21°22	20°15	1°57	22° 0	19° 7	19°26	4°40	2° 8	W17
T 18	2 15 3	2° 6'32	9♍49	22°36	16° 0	25° 1	1°50	21°28	20°18	1°59	22° 0	19° 3	19°22	4°47	2° 5	T 18
F 19	2 19 0	3° 6'46	24°26	22°R42	17° 4	25°34	1°55	21°35	20°22	2° 2	22° 0	18°56	19°19	4°54	2° 2	F 19
S 20	2 22 56	4° 7'03	9♎ 8	22°39	18° 9	26° 7	1°59	21°41	20°26	2° 4	22° 0	18°46	19°16	5° 1	1°59	S 20
S 21	2 26 53	5° 7'21	23°46	22°27	19°13	26°40	2° 3	21°47	20°30	2° 6	21°59	18°35	19°13	5° 7	1°56	S 21
M22	2 30 50	6° 7'41	8♏14	22° 6	20°18	27°13	2° 7	21°53	20°33	2° 8	21°59	18°23	19°10	5°14	1°53	M22
T 23	2 34 46	7° 8'03	22°24	21°34	21°24	27°46	2°11	21°59	20°37	2°11	21°59	18°13	19° 7	5°21	1°50	T 23
W24	2 38 43	8° 8'27	6♐12	20°53	22°29	28°18	2°15	22° 5	20°41	2°13	21°59	18° 4	19° 3	5°27	1°47	W24
T 25	2 42 39	9° 8'52	19°34	20° 2	23°35	28°51	2°18	22°11	20°44	2°15	21°59	17°58	19° 0	5°34	1°44	T 25
F 26	2 46 36	10° 9'19	2♑31	19° 2	24°41	29°23	2°21	22°16	20°48	2°17	21°59	17°55	18°57	5°41	1°41	F 26
S 27	2 50 32	11° 9'47	15° 5	17°53	25°48	29°55	2°24	22°22	20°51	2°19	21°59	17°D53	18°54	5°47	1°38	S 27
S 28	2 54 29	12°10'17	27°20	16°39	26°54	0♍27	2°27	22°28	20°55	2°22	21°59	17°54	18°51	5°54	1°35	S 28
M29	2 58 26	13°10'47	9♒22	15°20	28° 1	0°59	2°30	22°34	20°59	2°24	21°D59	17°R54	18°48	6° 1	1°31	M29
T 30	3 2 22	14°11'20	21°14	13°59	29° 8	1°31	2°33	22°39	21° 2	2°26	21°59	17°54	18°44	6° 7	1°28	T 30
W31	3 6 19	15♏11'53	3♓ 4	12♏38	0♎16	2♍ 2	2♌35	22♍45	21♎ 6	2♏28	21♒59	17♑52	18♑41	6♓14	1♊25	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	5s59	19s 3	0n55	16s31	2s22	11n 0	0s59	17n36	1n23	20n33	0n22	5n57	1n59	7s 2	0n34	10s19	1n47	25s26	11s57	21s54	22s 0	7s14	17n 5	3s47
T 2	6 22	15 6	1 55	17 0	2 27	10 47	0 52	17 26	1 23	20 32	0 22	5 55	1 59	7 3	0 34	10 20	1 47	25 26	11 57	21 54	22 0	7 11	17 4	3 47
W 3	6 45	10 35	2 50	17 28	2 32	10 33	0 45	17 17	1 24	20 30	0 22	5 52	1 59	7 5	0 34	10 21	1 47	25 26	11 57	21 55	22 1	7 8	17 3	3 48
T 4	7 8	5 41	3 37	17 54	2 37	10 18	0 39	17 7	1 25	20 29	0 22	5 49	1 59	7 6	0 34	10 22	1 47	25 26	11 56	21 56	22 1	7 5	17 3	3 48
F 5	7 31	0 34	4 15	18 19	2 41	10 3	0 32	16 57	1 26	20 28	0 22	5 47	1 59	7 8	0 34	10 23	1 47	25 26	11 56	21 57	22 2	7 2	17 2	3 48
S 6	7 53	4n37	4 43	18 43	2 45	9 48	0 26	16 47	1 27	20 27	0 23	5 44	1 59	7 9	0 34	10 23	1 47	25 26	11 56	21 59	22 2	6 59	17 1	3 49
S 7	8 16	9 42	4 57	19 6	2 48	9 32	0 20	16 37	1 27	20 25	0 23	5 42	2 0	7 11	0 34	10 24	1 47	25 26	11 56	22 1	22 2	6 56	17 1	3 49
M 8	8 38	14 27	4 58	19 27	2 51	9 16	0 14	16 27	1 28	20 24	0 23	5 39	2 0	7 12	0 34	10 25	1 47	25 26	11 55	22 3	22 3	6 53	17 0	3 49
T 9	9 1	18 41	4 45	19 46	2 54	8 59	0 8	16 17	1 29	20 23	0 23	5 37	2 0	7 14	0 34	10 26	1 47	25 26	11 55	22 5	22 3	6 50	16 59	3 49
W10	9 23	22 6	4 17	20 4	2 56	8 42	0 2	16 7	1 30	20 22	0 23	5 34	2 0	7 15	0 34	10 26	1 47	25 26	11 55	22 7	22 4	6 47	16 58	3 50
T 11	9 45	24 28	3 36	20 20	2 57	8 24	0n 4	15 57	1 30	20 21	0 24	5 32	2 0	7 16	0 34	10 27	1 47	25 26	11 55	22 8	22 4	6 44	16 58	3 50
F 12	10 7	25 33	2 43	20 33	2 58	8 6	0 10	15 47	1 31	20 20	0 24	5 29	2 0	7 18	0 34	10 28	1 47	25 26	11 55	22 9	22 5	6 41	16 57	3 50
S 13	10 29	25 12	1 40	20 45	2 57	7 48	0 15	15 36	1 32	20 19	0 24	5 27	2 1	7 19	0 34	10 29	1 47	25 26	11 54	22 9	22 5	6 38	16 56	3 51
S 14	10 50	23 21	0 30	20 55	2 56	7 29	0 20	15 26	1 33	20 18	0 24	5 25	2 1	7 21	0 34	10 30	1 47	25 26	11 54	22 9	22 6	6 35	16 55	3 51
M15	11 12	20 7	0s42	21 2	2 55	7 10	0 26	15 16	1 34	20 17	0 24	5 22	2 1	7 22	0 34	10 30	1 47	25 26	11 54	22 9	22 6	6 32	16 55	3 51
T 16	11 33	15 41	1 53	21 6	2 52	6 50	0 31	15 5	1 34	20 16	0 24	5 20	2 1	7 23	0 34	10 31	1 46	25 26	11 54	22 9	22 7	6 29	16 54	3 51
W17	11 54	10 18	2 59	21 8	2 47	6 30	0 36	14 55	1 35	20 15	0 25	5 17	2 1	7 25	0 34	10 32	1 47	25 26	11 53	22 10	22 7	6 26	16 53	3 52
T 18	12 15	4 18	3 54	21 6	2 42	6 10	0 41	14 44	1 36	20 14	0 25	5 15	2 1	7 26	0 34	10 33	1 47	25 26	11 53	22 10	22 8	6 23	16 52	3 52
F 19	12 36	1s59	4 35	21 1	2 35	5 49	0 45	14 34	1 37	20 13	0 25	5 13	2 2	7 28	0 34	10 33	1 47	25 25	11 53	22 11	22 8	6 20	16 51	3 52
S 20	12 56	8 11	4 57	20 53	2 27	5 28	0 50	14 23	1 38	20 12	0 25	5 10	2 2	7 29	0 34	10 34	1 47	25 25	11 53	22 13	22 8	6 17	16 51	3 52
S 21	13 17	13 54	5 0	20 40	2 18	5 7	0 55	14 13	1 39	20 11	0 25	5 8	2 2	7 30	0 34	10 35	1 47	25 25	11 52	22 14	22 9	6 14	16 50	3 53
M22	13 37	18 46	4 44	20 24	2 6	4 45	0 59	14 2	1 39	20 11	0 26	5 6	2 2	7 32	0 34	10 36	1 47	25 25	11 52	22 16	22 9	6 11	16 49	3 53
T 23	13 57	22 28	4 10	20 3	1 53	4 23	1 3	13 52	1 40	20 10	0 26	5 4	2 2	7 33	0 34	10 36	1 47	25 25	11 52	22 17	22 10	6 8	16 48	3 53
W24	14 16	24 45	3 22	19 38	1 39	4 1	1 7	13 41	1 41	20 9	0 26	5 2	2 2	7 35	0 34	10 37	1 47	25 25	11 52	22 18	22 10	6 5	16 47	3 53
T 25	14 36	25 31	2 25	19 8	1 22	3 39	1 11	13 31	1 42	20 9	0 26	4 59	2 3	7 36	0 34	10 38	1 47	25 24	11 51	22 19	22 11	6 2	16 46	3 54
F 26	14 55	24 51	1 21	18 35	1 5	3 16	1 15	13 20	1 43	20 8	0 26	4 57	2 3	7 37	0 34	10 39	1 47	25 24	11 51	22 20	22 11	5 59	16 46	3 54
S 27	15 14	22 55	0 15	17 58	0 46	2 53	1 19	13 10	1 44	20 8	0 27	4 55	2 3	7 39	0 34	10 40	1 47	25 24	11 51	22 20	22 12	5 56	16 45	3 54
S 28	15 33	19 57	0n50	17 17	0 26	2 30	1 23	12 59	1 44	20 7	0 27	4 53	2 3	7 40	0 34	10 40	1 47	25 24	11 51	22 20	22 12	5 53	16 44	3 54
M29	15 51	16 11	1 52	16 35	0 5	2 6	1 26	12 48	1 45	20 7	0 27	4 51	2 3	7 41	0 34	10 41	1 47	25 24	11 50	22 20	22 12	5 50	16 43	3 54
T 30	16 9	11 49	2 48	15 51	0n15	1 43	1 30	12 38	1 46	20 6	0 27	4 49	2 4	7 43	0 34	10 42	1 47	25 23	11 50	22 20	22 13	5 47	16 42	3 55
W31	16s27	7s 3	3n37	15s 7	0n36	1n19	1n33	12n27	1n47	20n 6	0n27	4n47	2n 4	7s44	0n34	10s43	1n47	25s23	11s50	22s20	22s13	5s44	16n41	3s55

Julian Day Number = 2196886.5, Delta T = 10m20s
Ecliptic obliquity = 23°31'51, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°00'57, Lahiri = 14°07'58 Julian Calendar 1 Oct. 1302 == Greg. Calendar 9 Oct. 1302

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ASTRODIENST EPHEMERIS for the year 1302
geocentric

NOVEMBER 1302 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	3 10 15	16♏12'28	14♓55	11°R22	1♎23	2♍34	2♌37	22♍50	21♎ 9	2♏31	21♒59	17°R48	18♉38	6♓21	1°R21	T 1
F 2	3 14 12	17°13'04	26°53	10♏11	2°31	3° 5	2°39	22°55	21°13	2°33	21°59	17♉41	18°35	6°27	1♊18	F 2
S 3	3 18 8	18°13'41	9♈ 1	9° 8	3°39	3°37	2°41	23° 1	21°16	2°35	21°59	17°32	18°32	6°34	1°15	S 3
S 4	3 22 5	19°14'19	21°22	8°15	4°47	4° 8	2°42	23° 6	21°20	2°37	21°59	17°22	18°28	6°41	1°11	S 4
M 5	3 26 1	20°14'59	3♉57	7°32	5°55	4°39	2°44	23°11	21°23	2°39	21°59	17°11	18°25	6°48	1° 8	M 5
T 6	3 29 58	21°15'40	16°48	7° 1	7° 4	5° 9	2°45	23°16	21°26	2°41	21°59	17° 1	18°22	6°54	1° 5	T 6
W 7	3 33 54	22°16'23	29°52	6°42	8°13	5°40	2°46	23°21	21°30	2°44	22° 0	16°51	18°19	7° 1	1° 1	W 7
T 8	3 37 51	23°17'07	13♊10	6°D35	9°22	6°11	2°47	23°26	21°33	2°46	22° 0	16°44	18°16	7° 8	0°58	T 8
F 9	3 41 48	24°17'53	26°38	6°38	10°31	6°41	2°47	23°31	21°36	2°48	22° 0	16°40	18°13	7°14	0°54	F 9
S 10	3 45 44	25°18'40	10♋17	6°52	11°40	7°11	2°48	23°36	21°40	2°50	22° 0	16°D38	18° 9	7°21	0°51	S 10
S 11	3 49 41	26°19'28	24° 4	7°15	12°50	7°41	2°48	23°40	21°43	2°52	22° 1	16°38	18° 6	7°28	0°47	S 11
M12	3 53 37	27°20'18	7♌58	7°46	13°59	8°11	2°R48	23°45	21°46	2°54	22° 1	16°39	18° 3	7°34	0°44	M12
T 13	3 57 34	28°21'09	21°59	8°25	15° 9	8°41	2°48	23°49	21°50	2°56	22° 2	16°R40	18° 0	7°41	0°40	T 13
W14	4 1 30	29°22'02	6♍ 6	9°11	16°19	9°10	2°47	23°54	21°53	2°58	22° 2	16°40	17°57	7°48	0°37	W14
T 15	4 5 27	0♐22'56	20°17	10° 3	17°29	9°40	2°47	23°58	21°56	3° 0	22° 2	16°38	17°54	7°54	0°33	T 15
F 16	4 9 24	1°23'52	4♎32	11° 1	18°39	10° 9	2°46	24° 3	21°59	3° 2	22° 3	16°35	17°50	8° 1	0°30	F 16
S 17	4 13 20	2°24'49	18°46	12° 3	19°50	10°38	2°45	24° 7	22° 2	3° 4	22° 3	16°29	17°47	8° 8	0°26	S 17
S 18	4 17 17	3°25'47	2♏56	13° 8	21° 0	11° 7	2°44	24°11	22° 5	3° 7	22° 4	16°22	17°44	8°14	0°23	S 18
M19	4 21 13	4°26'47	16°57	14°18	22°11	11°35	2°43	24°15	22° 8	3° 9	22° 4	16°15	17°41	8°21	0°19	M19
T 20	4 25 10	5°27'47	0♐44	15°30	23°22	12° 4	2°41	24°19	22°11	3°10	22° 5	16° 8	17°38	8°28	0°16	T 20
W21	4 29 6	6°28'49	14°15	16°45	24°33	12°32	2°39	24°23	22°14	3°12	22° 6	16° 2	17°34	8°35	0°12	W21
T 22	4 33 3	7°29'51	27°26	18° 2	25°44	13° 0	2°37	24°26	22°17	3°14	22° 6	15°59	17°31	8°41	0° 9	T 22
F 23	4 36 59	8°30'55	10♑17	19°22	26°55	13°28	2°35	24°30	22°20	3°16	22° 7	15°D57	17°28	8°48	0° 5	F 23
S 24	4 40 56	9°31'59	22°49	20°42	28° 6	13°56	2°33	24°34	22°23	3°18	22° 7	15°57	17°25	8°55	0° 2	S 24
S 25	4 44 53	10°33'03	5♒ 5	22° 5	29°17	14°23	2°30	24°37	22°26	3°20	22° 8	15°58	17°22	9° 1	29♉59	S 25
M26	4 48 49	11°34'08	17° 7	23°28	0♏29	14°50	2°27	24°41	22°29	3°22	22° 9	16° 0	17°19	9° 8	29°55	M26
T 27	4 52 46	12°35'13	29° 2	24°53	1°40	15°17	2°24	24°44	22°31	3°24	22°10	16° 2	17°15	9°15	29°52	T 27
W28	4 56 42	13°36'19	10♓52	26°18	2°52	15°44	2°21	24°47	22°34	3°26	22°10	16°R 3	17°12	9°21	29°48	W28
T 29	5 0 39	14°37'25	22°44	27°45	4° 4	16°10	2°18	24°50	22°37	3°28	22°11	16° 2	17° 9	9°28	29°45	T 29
F 30	5 4 35	15♐38'32	4♈42	29♏12	5♏16	16♍37	2♌15	24♍53	22♎39	3♏29	22♒12	16♉ 1	17♉ 6	9♓35	29♉42	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	16s45	2s 1	4n16	14s25	0n55	0n55	1n36	12n17	1n48	20n 6	0n28	4n45	2n 4	7s45	0n34	10s43	1n47	25s23	11s50	22s21	22s14	5s41	16n41	3s55
F 2	17 2	3n 7	4 45	13 46	1 13	0 30	1 39	12 6	1 49	20 6	0 28	4 43	2 4	7 47	0 34	10 44	1 47	25 23	11 49	22 21	22 14	5 37	16 40	3 55
S 3	17 19	8 12	5 1	13 10	1 30	0 6	1 42	11 56	1 50	20 5	0 28	4 41	2 4	7 48	0 34	10 45	1 47	25 22	11 49	22 23	22 15	5 34	16 39	3 55
S 4	17 36	13 3	5 4	12 39	1 45	0s19	1 44	11 45	1 51	20 5	0 28	4 39	2 5	7 49	0 34	10 45	1 47	25 22	11 49	22 24	22 15	5 31	16 38	3 56
M 5	17 53	17 27	4 52	12 14	1 57	0 43	1 47	11 34	1 52	20 5	0 28	4 38	2 5	7 51	0 34	10 46	1 47	25 22	11 49	22 25	22 15	5 28	16 37	3 56
T 6	18 9	21 9	4 25	11 54	2 8	1 8	1 50	11 24	1 52	20 5	0 29	4 36	2 5	7 52	0 34	10 47	1 47	25 21	11 48	22 27	22 16	5 25	16 36	3 56
W 7	18 24	23 50	3 44	11 39	2 17	1 33	1 52	11 13	1 53	20 5	0 29	4 34	2 5	7 53	0 34	10 48	1 47	25 21	11 48	22 28	22 16	5 22	16 35	3 56
T 8	18 40	25 16	2 50	11 30	2 23	1 58	1 54	11 3	1 54	20 5	0 29	4 32	2 6	7 54	0 34	10 48	1 47	25 21	11 48	22 29	22 17	5 19	16 35	3 56
F 9	18 55	25 15	1 45	11 27	2 28	2 24	1 56	10 52	1 55	20 5	0 29	4 30	2 6	7 56	0 34	10 49	1 47	25 20	11 48	22 29	22 17	5 16	16 34	3 56
S 10	19 10	23 42	0 34	11 28	2 31	2 49	1 58	10 42	1 56	20 5	0 29	4 29	2 6	7 57	0 34	10 50	1 47	25 20	11 47	22 29	22 18	5 13	16 33	3 56
S 11	19 24	20 44	0s40	11 34	2 33	3 14	2 0	10 32	1 57	20 5	0 30	4 27	2 6	7 58	0 34	10 50	1 47	25 20	11 47	22 29	22 18	5 10	16 32	3 57
M12	19 38	16 32	1 52	11 44	2 33	3 40	2 2	10 21	1 58	20 5	0 30	4 26	2 6	7 59	0 34	10 51	1 47	25 19	11 47	22 29	22 18	5 7	16 31	3 57
T 13	19 52	11 25	2 59	11 58	2 32	4 5	2 4	10 11	1 59	20 6	0 30	4 24	2 7	8 0	0 34	10 52	1 47	25 19	11 47	22 29	22 19	5 4	16 30	3 57
W14	20 6	5 40	3 55	12 14	2 30	4 31	2 5	10 1	2 0	20 6	0 30	4 22	2 7	8 2	0 34	10 53	1 47	25 19	11 46	22 29	22 19	5 1	16 30	3 57
T 15	20 19	0s23	4 37	12 33	2 27	4 56	2 7	9 50	2 1	20 6	0 30	4 21	2 7	8 3	0 34	10 53	1 47	25 18	11 46	22 29	22 20	4 58	16 29	3 57
F 16	20 31	6 25	5 2	12 55	2 24	5 22	2 8	9 40	2 2	20 7	0 31	4 19	2 7	8 4	0 34	10 54	1 47	25 18	11 46	22 30	22 20	4 55	16 28	3 57
S 17	20 43	12 8	5 8	13 18	2 19	5 48	2 9	9 30	2 3	20 7	0 31	4 18	2 8	8 5	0 34	10 55	1 47	25 17	11 46	22 31	22 21	4 52	16 27	3 57
S 18	20 55	17 10	4 56	13 43	2 14	6 13	2 10	9 20	2 4	20 8	0 31	4 17	2 8	8 6	0 34	10 55	1 47	25 17	11 45	22 31	22 21	4 49	16 26	3 57
M19	21 7	21 12	4 26	14 8	2 9	6 39	2 11	9 10	2 5	20 8	0 31	4 15	2 8	8 7	0 34	10 56	1 47	25 17	11 45	22 32	22 21	4 46	16 26	3 57
T 20	21 18	23 59	3 41	14 35	2 3	7 4	2 12	9 0	2 6	20 9	0 31	4 14	2 8	8 8	0 34	10 56	1 47	25 16	11 45	22 33	22 22	4 43	16 25	3 57
W21	21 28	25 18	2 44	15 3	1 57	7 30	2 12	8 50	2 7	20 9	0 32	4 13	2 9	8 10	0 34	10 57	1 47	25 16	11 45	22 34	22 22	4 40	16 24	3 58
T 22	21 39	25 9	1 39	15 31	1 50	7 55	2 13	8 40	2 8	20 10	0 32	4 11	2 9	8 11	0 34	10 58	1 47	25 15	11 44	22 34	22 23	4 37	16 23	3 58
F 23	21 48	23 39	0 31	15 59	1 43	8 20	2 14	8 30	2 9	20 11	0 32	4 10	2 9	8 12	0 34	10 58	1 47	25 15	11 44	22 34	22 23	4 34	16 22	3 58
S 24	21 58	20 59	0n37	16 27	1 36	8 45	2 14	8 20	2 10	20 11	0 32	4 9	2 9	8 13	0 34	10 59	1 47	25 14	11 44	22 34	22 23	4 31	16 22	3 58
S 25	22 7	17 25	1 43	16 55	1 29	9 10	2 14	8 11	2 11	20 12	0 33	4 8	2 10	8 14	0 34	11 0	1 47	25 14	11 44	22 34	22 24	4 28	16 21	3 58
M26	22 15	13 11	2 42	17 24	1 22	9 35	2 14	8 1	2 12	20 13	0 33	4 7	2 10	8 15	0 34	11 0	1 47	25 14	11 43	22 34	22 24	4 25	16 20	3 58
T 27	22 24	8 31	3 34	17 51	1 14	10 0	2 14	7 52	2 13	20 14	0 33	4 6	2 10	8 16	0 34	11 1	1 47	25 13	11 43	22 34	22 25	4 22	16 19	3 58
W28	22 31	3 34	4 16	18 19	1 7	10 24	2 14	7 42	2 14	20 15	0 33	4 4	2 10	8 17	0 34	11 1	1 47	25 13	11 43	22 34	22 25	4 19	16 19	3 58
T 29	22 38	1n30	4 48	18 46	0 59	10 49	2 14	7 33	2 15	20 16	0 33	4 4	2 11	8 18	0 35	11 2	1 47	25 12	11 43	22 34	22 26	4 16	16 18	3 58
F 30	22s45	6n34	5n 7	19s13	0n52	11s13	2n14	7n24	2n16	20n17	0n34	4n 3	2n11	8s19	0n35	11s 3	1n47	25s12	11s43	22s34	22s26	4s13	16n17	3s58

Julian Day Number = 2196917.5, Delta T = 10m20s
Ecliptic obliquity = 23°31'50, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°01'01, Lahiri = 14°08'02 Julian Calendar 1 Nov. 1302 == Greg. Calendar 9 Nov. 1302

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ASTRODIENST EPHEMERIS for the year 1302
geocentric

DECEMBER 1302 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	5 8 32	16♐39'39	16♈52	0♐39	6♏27	17♍ 3	2°R11	24♍56	22♎42	3♏31	22♒13	15°R57	17♉ 3	9♓42	29°R38	S 1
S 2	5 12 28	17°40'46	29°16	2° 8	7°39	17°28	2♌ 7	24°59	22°45	3°33	22°14	15♉53	17° 0	9°48	29♉35	S 2
M 3	5 16 25	18°41'54	11♉58	3°36	8°52	17°54	2° 3	25° 2	22°47	3°35	22°14	15°49	16°56	9°55	29°32	M 3
T 4	5 20 22	19°43'01	25° 0	5° 6	10° 4	18°19	1°59	25° 4	22°50	3°36	22°15	15°44	16°53	10° 2	29°29	T 4
W 5	5 24 18	20°44'10	8♊21	6°35	11°16	18°44	1°54	25° 7	22°52	3°38	22°16	15°40	16°50	10° 8	29°25	W 5
T 6	5 28 15	21°45'18	22° 0	8° 5	12°28	19° 9	1°50	25° 9	22°54	3°40	22°17	15°38	16°47	10°15	29°22	T 6
F 7	5 32 11	22°46'27	5♋55	9°36	13°41	19°34	1°45	25°11	22°57	3°41	22°18	15°36	16°44	10°22	29°19	F 7
S 8	5 36 8	23°47'36	20° 2	11° 7	14°53	19°58	1°40	25°14	22°59	3°43	22°19	15°D36	16°40	10°28	29°16	S 8
S 9	5 40 4	24°48'46	4♌16	12°38	16° 6	20°22	1°35	25°16	23° 1	3°44	22°20	15°37	16°37	10°35	29°13	S 9
M10	5 44 1	25°49'56	18°34	14° 9	17°18	20°45	1°30	25°18	23° 4	3°46	22°21	15°38	16°34	10°42	29°10	M10
T 11	5 47 57	26°51'07	2♍53	15°41	18°31	21° 9	1°24	25°20	23° 6	3°48	22°22	15°39	16°31	10°48	29° 7	T 11
W12	5 51 54	27°52'17	17° 8	17°13	19°44	21°32	1°19	25°21	23° 8	3°49	22°23	15°40	16°28	10°55	29° 4	W12
T 13	5 55 51	28°53'29	1♎17	18°45	20°57	21°55	1°13	25°23	23°10	3°51	22°24	15°R41	16°25	11° 2	29° 1	T 13
F 14	5 59 47	29°54'40	15°20	20°18	22°10	22°17	1° 7	25°25	23°12	3°52	22°26	15°40	16°21	11° 9	28°58	F 14
S 15	6 3 44	0♉55'53	29°14	21°51	23°23	22°39	1° 1	25°26	23°14	3°53	22°27	15°39	16°18	11°15	28°55	S 15
S 16	6 7 40	1°57'05	12♏57	23°25	24°36	23° 1	0°55	25°27	23°16	3°55	22°28	15°37	16°15	11°22	28°52	S 16
M17	6 11 37	2°58'18	26°29	24°58	25°49	23°22	0°49	25°29	23°18	3°56	22°29	15°35	16°12	11°29	28°50	M17
T 18	6 15 33	3°59'30	9♐49	26°32	27° 2	23°43	0°43	25°30	23°20	3°58	22°30	15°33	16° 9	11°35	28°47	T 18
W19	6 19 30	5° 0'43	22°54	28° 7	28°15	24° 4	0°36	25°31	23°21	3°59	22°31	15°32	16° 6	11°42	28°44	W19
T 20	6 23 27	6° 1'56	5♑46	29°42	29°28	24°25	0°29	25°32	23°23	4° 0	22°33	15°32	16° 2	11°49	28°42	T 20
F 21	6 27 23	7° 3'08	18°23	1♑17	0♐42	24°45	0°23	25°33	23°25	4° 1	22°34	15°D31	15°59	11°55	28°39	F 21
S 22	6 31 20	8° 4'21	0♒46	2°52	1°55	25° 4	0°16	25°33	23°27	4° 3	22°35	15°32	15°56	12° 2	28°37	S 22
S 23	6 35 16	9° 5'32	12°57	4°28	3° 8	25°23	0° 9	25°34	23°28	4° 4	22°36	15°32	15°53	12° 9	28°34	S 23
M24	6 39 13	10° 6'44	24°59	6° 5	4°22	25°42	0° 2	25°34	23°30	4° 5	22°38	15°33	15°50	12°16	28°32	M24
T 25	6 43 9	11° 7'54	6♓53	7°42	5°35	26° 1	29♋54	25°35	23°31	4° 6	22°39	15°34	15°46	12°22	28°30	T 25
W26	6 47 6	12° 9'04	18°43	9°19	6°49	26°19	29°47	25°35	23°33	4° 7	22°40	15°34	15°43	12°29	28°27	W26
T 27	6 51 2	13°10'14	0♈35	10°57	8° 2	26°36	29°40	25°35	23°34	4° 8	22°42	15°34	15°40	12°36	28°25	T 27
F 28	6 54 59	14°11'23	12°31	12°35	9°16	26°53	29°32	25°R35	23°35	4° 9	22°43	15°R34	15°37	12°42	28°23	F 28
S 29	6 58 56	15°12'30	24°38	14°14	10°29	27°10	29°25	25°35	23°37	4°10	22°44	15°D34	15°34	12°49	28°21	S 29
S 30	7 2 52	16°13'38	7♉ 0	15°54	11°43	27°26	29°17	25°35	23°38	4°11	22°46	15°34	15°31	12°56	28°19	S 30
M31	7 6 49	17♉14'44	19♉41	17♉34	12♐56	27♍42	29♋10	25♍35	23♎39	4♏12	22♒47	15♉34	15♉27	13♓ 2	28♉17	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22s52	11n28	5n13	19s39	0n44	11s37	2n14	7n14	2n17	20n18	0n34	4n 2	2n11	8s20	0n35	11s 3	1n47	25s11	11s42	22s34	22s26	4s10	16n16	3s58
S 2	22 57	16 0	5 5	20 4	0 37	12 1	2 13	7 5	2 18	20 19	0 34	4 1	2 12	8 21	0 35	11 4	1 48	25 11	11 42	22 35	22 27	4 7	16 16	3 58
M 3	23 3	19 56	4 41	20 28	0 29	12 25	2 13	6 56	2 19	20 20	0 34	4 0	2 12	8 22	0 35	11 4	1 48	25 10	11 42	22 35	22 27	4 4	16 15	3 58
T 4	23 8	23 1	4 3	20 52	0 22	12 48	2 12	6 47	2 20	20 21	0 34	3 59	2 12	8 22	0 35	11 5	1 48	25 10	11 42	22 36	22 28	4 1	16 14	3 58
W 5	23 12	24 55	3 11	21 15	0 15	13 11	2 11	6 38	2 22	20 22	0 35	3 58	2 12	8 23	0 35	11 5	1 48	25 9	11 41	22 36	22 28	3 58	16 14	3 58
T 6	23 16	25 23	2 6	21 37	0 7	13 34	2 10	6 30	2 23	20 24	0 35	3 58	2 13	8 24	0 35	11 6	1 48	25 9	11 41	22 37	22 28	3 55	16 13	3 58
F 7	23 20	24 17	0 53	21 58	0 0	13 57	2 10	6 21	2 24	20 25	0 35	3 57	2 13	8 25	0 35	11 6	1 48	25 8	11 41	22 37	22 29	3 52	16 12	3 58
S 8	23 23	21 38	0s24	22 19	0s 7	14 19	2 9	6 13	2 25	20 26	0 35	3 56	2 13	8 26	0 35	11 7	1 48	25 8	11 41	22 37	22 29	3 49	16 12	3 58
S 9	23 26	17 38	1 41	22 38	0 14	14 41	2 7	6 4	2 26	20 27	0 35	3 56	2 13	8 27	0 35	11 7	1 48	25 7	11 41	22 37	22 30	3 46	16 11	3 58
M10	23 28	12 35	2 52	22 56	0 21	15 3	2 6	5 56	2 27	20 29	0 36	3 55	2 14	8 28	0 35	11 8	1 48	25 6	11 40	22 37	22 30	3 43	16 10	3 58
T 11	23 30	6 53	3 52	23 13	0 28	15 24	2 5	5 48	2 28	20 30	0 36	3 55	2 14	8 28	0 35	11 8	1 48	25 6	11 40	22 36	22 30	3 40	16 10	3 58
W12	23 31	0 50	4 38	23 29	0 34	15 45	2 4	5 40	2 29	20 32	0 36	3 54	2 14	8 29	0 35	11 9	1 48	25 5	11 40	22 36	22 31	3 37	16 9	3 58
T 13	23 32	5s12	5 6	23 44	0 41	16 6	2 2	5 32	2 31	20 33	0 36	3 54	2 15	8 30	0 35	11 9	1 48	25 5	11 40	22 36	22 31	3 34	16 9	3 58
F 14	23 32	10 55	5 16	23 57	0 47	16 26	2 1	5 24	2 32	20 35	0 36	3 54	2 15	8 31	0 35	11 10	1 48	25 4	11 40	22 36	22 31	3 31	16 8	3 58
S 15	23 32	16 1	5 7	24 10	0 53	16 46	1 59	5 16	2 33	20 36	0 37	3 53	2 15	8 31	0 35	11 10	1 48	25 4	11 39	22 37	22 32	3 28	16 8	3 58
S 16	23 31	20 14	4 41	24 21	0 59	17 5	1 57	5 9	2 34	20 38	0 37	3 53	2 15	8 32	0 35	11 10	1 48	25 3	11 39	22 37	22 32	3 25	16 7	3 58
M17	23 30	23 19	3 59	24 31	1 5	17 25	1 56	5 1	2 35	20 39	0 37	3 53	2 16	8 33	0 35	11 11	1 48	25 3	11 39	22 37	22 33	3 22	16 7	3 58
T 18	23 28	25 3	3 5	24 39	1 10	17 43	1 54	4 54	2 37	20 41	0 37	3 53	2 16	8 33	0 35	11 11	1 48	25 2	11 39	22 37	22 33	3 19	16 6	3 58
W19	23 26	25 22	2 2	24 46	1 15	18 1	1 52	4 47	2 38	20 42	0 37	3 52	2 16	8 34	0 35	11 12	1 48	25 1	11 39	22 37	22 33	3 16	16 6	3 57
T 20	23 24	24 18	0 54	24 52	1 21	18 19	1 50	4 40	2 39	20 44	0 38	3 52	2 17	8 35	0 35	11 12	1 48	25 1	11 39	22 37	22 34	3 13	16 5	3 57
F 21	23 21	22 0	0n16	24 57	1 26	18 37	1 48	4 33	2 40	20 46	0 38	3 52	2 17	8 35	0 35	11 12	1 48	25 0	11 38	22 37	22 34	3 10	16 5	3 57
S 22	23 17	18 42	1 24	25 0	1 30	18 53	1 46	4 26	2 42	20 47	0 38	3 52	2 17	8 36	0 35	11 13	1 48	25 0	11 38	22 37	22 35	3 7	16 4	3 57
S 23	23 13	14 39	2 26	25 2	1 35	19 10	1 44	4 20	2 43	20 49	0 38	3 52	2 17	8 36	0 35	11 13	1 49	24 59	11 38	22 37	22 35	3 4	16 4	3 57
M24	23 9	10 4	3 22	25 2	1 39	19 26	1 42	4 13	2 44	20 51	0 38	3 52	2 18	8 37	0 35	11 13	1 49	24 58	11 38	22 37	22 35	3 1	16 3	3 57
T 25	23 4	5 11	4 8	25 1	1 43	19 41	1 40	4 7	2 45	20 52	0 38	3 52	2 18	8 37	0 35	11 14	1 49	24 58	11 38	22 37	22 36	2 58	16 3	3 57
W26	22 58	0 8	4 43	24 58	1 46	19 56	1 37	4 1	2 47	20 54	0 39	3 53	2 18	8 38	0 35	11 14	1 49	24 57	11 38	22 37	22 36	2 55	16 2	3 57
T 27	22 53	4n55	5 7	24 54	1 50	20 10	1 35	3 55	2 48	20 56	0 39	3 53	2 19	8 38	0 35	11 14	1 49	24 57	11 38	22 37	22 36	2 52	16 2	3 57
F 28	22 46	9 50	5 17	24 48	1 53	20 24	1 33	3 50	2 49	20 58	0 39	3 53	2 19	8 39	0 35	11 15	1 49	24 56	11 37	22 37	22 37	2 49	16 2	3 57
S 29	22 40	14 26	5 14	24 41	1 56	20 37	1 30	3 44	2 51	20 59	0 39	3 53	2 19	8 39	0 35	11 15	1 49	24 55	11 37	22 37	22 37	2 46	16 1	3 56
S 30	22 32	18 33	4 56	24 32	1 58	20 50	1 28	3 39	2 52	21 1	0 39	3 54	2 19	8 40	0 35	11 15	1 49	24 55	11 37	22 37	22 37	2 43	16 1	3 56
M31	22s25	21n56	4n23	24s21	2s 0	21s 2	1n25	3n34	2n53	21n 3	0n39	3n54	2n20	8s40	0n35	11s16	1n49	24s54	11s37	22s37	22s38	2s40	16n 1	3s56

Julian Day Number = 2196947.5, Delta T = 10m20s
Ecliptic obliquity = 23°31'50, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°01'06, Lahiri = 14°08'06 Julian Calendar 1 Dec. 1302 == Greg. Calendar 9 Dec. 1302

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ASTRODIENST EPHEMERIS for the year 1303
geocentric

JANUARY 1303 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	7 10 45	18♉15'50	2♊44	19♉14	14♐10	27♍58	29°R 2	25°R35	23♎40	4♏13	22♒49	15♉35	15♉24	13♓ 9	28°R15	T 1
W 2	7 14 42	19°16'54	16°11	20°55	15°24	28°12	28♋54	25♍34	23°41	4°14	22°50	15°35	15°21	13°16	28♈13	W 2
T 3	7 18 38	20°17'58	0♋ 2	22°36	16°37	28°27	28°46	25°33	23°42	4°15	22°52	15°35	15°18	13°23	28°11	T 3
F 4	7 22 35	21°19'01	14°15	24°18	17°51	28°41	28°38	25°33	23°43	4°16	22°53	15°R36	15°15	13°29	28°10	F 4
S 5	7 26 31	22°20'04	28°46	26° 1	19° 5	28°54	28°30	25°32	23°44	4°17	22°55	15°35	15°12	13°36	28° 8	S 5
S 6	7 30 28	23°21'05	13♌29	27°44	20°19	29° 7	28°22	25°31	23°45	4°17	22°56	15°35	15° 8	13°43	28° 7	S 6
M 7	7 34 25	24°22'06	28°17	29°28	21°33	29°19	28°14	25°30	23°46	4°18	22°58	15°34	15° 5	13°49	28° 5	M 7
T 8	7 38 21	25°23'05	13♍ 3	1♒12	22°46	29°31	28° 6	25°29	23°46	4°19	22°59	15°33	15° 2	13°56	28° 4	T 8
W 9	7 42 18	26°24'05	27°39	2°56	24° 0	29°43	27°58	25°28	23°47	4°20	23° 1	15°32	14°59	14° 3	28° 2	W 9
T 10	7 46 14	27°25'03	12♎ 1	4°41	25°14	29°53	27°50	25°26	23°48	4°20	23° 2	15°31	14°56	14°10	28° 1	T 10
F 11	7 50 11	28°26'01	26° 7	6°26	26°28	0♎ 3	27°42	25°25	23°48	4°21	23° 4	15°D30	14°52	14°16	28° 0	F 11
S 12	7 54 7	29°26'59	9♏53	8°12	27°42	0°13	27°34	25°23	23°49	4°21	23° 5	15°31	14°49	14°23	27°59	S 12
S 13	7 58 4	0♒27'55	23°22	9°57	28°56	0°22	27°26	25°22	23°49	4°22	23° 7	15°31	14°46	14°30	27°57	S 13
M14	8 2 0	1°28'51	6♐34	11°42	0♑10	0°30	27°18	25°20	23°49	4°22	23° 8	15°33	14°43	14°36	27°56	M14
T 15	8 5 57	2°29'46	19°30	13°28	1°24	0°38	27°10	25°18	23°50	4°23	23°10	15°34	14°40	14°43	27°55	T 15
W16	8 9 54	3°30'40	2♑12	15°13	2°38	0°45	27° 2	25°16	23°50	4°23	23°12	15°35	14°37	14°50	27°55	W16
T 17	8 13 50	4°31'33	14°43	16°57	3°52	0°52	26°55	25°14	23°50	4°24	23°13	15°R36	14°33	14°56	27°54	T 17
F 18	8 17 47	5°32'25	27° 3	18°41	5° 6	0°57	26°47	25°12	23°50	4°24	23°15	15°35	14°30	15° 3	27°53	F 18
S 19	8 21 43	6°33'16	9♒14	20°23	6°20	1° 3	26°39	25°10	23°51	4°24	23°16	15°34	14°27	15°10	27°52	S 19
S 20	8 25 40	7°34'05	21°17	22° 4	7°34	1° 7	26°31	25° 8	23°R51	4°25	23°18	15°31	14°24	15°17	27°52	S 20
M21	8 29 36	8°34'53	3♓14	23°44	8°48	1°11	26°23	25° 5	23°51	4°25	23°20	15°27	14°21	15°23	27°51	M21
T 22	8 33 33	9°35'40	15° 6	25°21	10° 2	1°14	26°16	25° 3	23°51	4°25	23°21	15°23	14°18	15°30	27°51	T 22
W23	8 37 29	10°36'25	26°57	26°55	11°16	1°16	26° 8	25° 0	23°50	4°25	23°23	15°18	14°14	15°37	27°50	W23
T 24	8 41 26	11°37'08	8♈48	28°26	12°30	1°18	26° 1	24°57	23°50	4°25	23°25	15°14	14°11	15°43	27°50	T 24
F 25	8 45 23	12°37'50	20°44	29°53	13°45	1°19	25°53	24°55	23°50	4°26	23°26	15°11	14° 8	15°50	27°50	F 25
S 26	8 49 19	13°38'30	2♉48	1♓15	14°59	1°R19	25°46	24°52	23°50	4°26	23°28	15° 9	14° 5	15°57	27°50	S 26
S 27	8 53 16	14°39'09	15° 6	2°32	16°13	1°18	25°39	24°49	23°49	4°26	23°30	15°D 9	14° 2	16° 4	27°D50	S 27
M28	8 57 12	15°39'45	27°40	3°43	17°27	1°17	25°31	24°46	23°49	4°R26	23°31	15° 9	13°58	16°10	27°50	M28
T 29	9 1 9	16°40'20	10♊36	4°47	18°41	1°15	25°24	24°43	23°49	4°26	23°33	15°11	13°55	16°17	27°50	T 29
W30	9 5 5	17°40'54	23°58	5°44	19°55	1°12	25°17	24°39	23°48	4°26	23°35	15°12	13°52	16°24	27°50	W30
T 31	9 9 2	18♒41'25	7♋47	6♓33	21♑ 9	1♎ 9	25♋11	24♍36	23♎48	4♏26	23♒36	15♉14	13♉49	16♓30	27♈50	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22s17	24n19	3n36	24s 9	2s 2	21s13	1n23	3n29	2n55	21n 5	0n40	3n54	2n20	8s41	0n35	11s16	1n49	24s54	11s37	22s37	22s38	2s37	16n 0	3s56
W 2	22 8	25 24	2 36	23 55	2 3	21 24	1 20	3 24	2 56	21 6	0 40	3 55	2 20	8 41	0 35	11 16	1 49	24 53	11 37	22 37	22 39	2 34	16 0	3 56
T 3	21 59	24 57	1 25	23 40	2 4	21 34	1 17	3 20	2 57	21 8	0 40	3 55	2 21	8 41	0 35	11 16	1 49	24 52	11 37	22 37	22 39	2 31	16 0	3 56
F 4	21 50	22 53	0 7	23 23	2 4	21 44	1 15	3 15	2 59	21 10	0 40	3 56	2 21	8 42	0 35	11 17	1 49	24 52	11 37	22 37	22 39	2 28	16 0	3 56
S 5	21 40	19 18	1s12	23 4	2 5	21 53	1 12	3 11	3 0	21 12	0 40	3 56	2 21	8 42	0 35	11 17	1 49	24 51	11 36	22 37	22 40	2 25	15 59	3 56
S 6	21 30	14 28	2 29	22 43	2 4	22 1	1 9	3 7	3 1	21 13	0 40	3 57	2 21	8 42	0 35	11 17	1 49	24 51	11 36	22 37	22 40	2 22	15 59	3 55
M 7	21 20	8 45	3 35	22 21	2 3	22 9	1 6	3 4	3 3	21 15	0 40	3 58	2 22	8 42	0 35	11 17	1 49	24 50	11 36	22 37	22 40	2 19	15 59	3 55
T 8	21 9	2 34	4 27	21 57	2 2	22 16	1 4	3 0	3 4	21 17	0 41	3 58	2 22	8 43	0 35	11 17	1 50	24 49	11 36	22 37	22 41	2 16	15 59	3 55
W 9	20 57	3s40	5 2	21 32	2 0	22 23	1 1	2 57	3 5	21 19	0 41	3 59	2 22	8 43	0 35	11 17	1 50	24 49	11 36	22 37	22 41	2 13	15 59	3 55
T 10	20 45	9 37	5 16	21 4	1 58	22 29	0 58	2 54	3 7	21 20	0 41	4 0	2 23	8 43	0 36	11 18	1 50	24 48	11 36	22 37	22 41	2 10	15 59	3 55
F 11	20 33	14 57	5 11	20 35	1 55	22 34	0 55	2 51	3 8	21 22	0 41	4 1	2 23	8 43	0 36	11 18	1 50	24 48	11 36	22 38	22 42	2 7	15 58	3 55
S 12	20 21	19 23	4 49	20 5	1 52	22 38	0 52	2 49	3 9	21 24	0 41	4 2	2 23	8 43	0 36	11 18	1 50	24 47	11 36	22 38	22 42	2 4	15 58	3 55
S 13	20 8	22 43	4 10	19 33	1 47	22 42	0 49	2 46	3 11	21 25	0 41	4 2	2 23	8 44	0 36	11 18	1 50	24 46	11 36	22 37	22 43	2 1	15 58	3 54
M14	19 54	24 46	3 19	18 59	1 43	22 45	0 46	2 44	3 12	21 27	0 41	4 3	2 24	8 44	0 36	11 18	1 50	24 46	11 36	22 37	22 43	1 58	15 58	3 54
T 15	19 41	25 26	2 19	18 24	1 37	22 48	0 44	2 42	3 14	21 29	0 41	4 4	2 24	8 44	0 36	11 18	1 50	24 45	11 36	22 37	22 43	1 55	15 58	3 54
W16	19 27	24 44	1 13	17 47	1 31	22 50	0 41	2 41	3 15	21 31	0 42	4 5	2 24	8 44	0 36	11 18	1 50	24 45	11 36	22 37	22 44	1 53	15 58	3 54
T 17	19 12	22 48	0 5	17 9	1 24	22 51	0 38	2 39	3 16	21 32	0 42	4 6	2 24	8 44	0 36	11 18	1 50	24 44	11 35	22 37	22 44	1 50	15 58	3 54
F 18	18 57	19 48	1n 3	16 30	1 17	22 51	0 35	2 38	3 18	21 34	0 42	4 7	2 25	8 44	0 36	11 18	1 50	24 43	11 35	22 37	22 44	1 47	15 58	3 54
S 19	18 42	15 59	2 7	15 50	1 9	22 51	0 32	2 38	3 19	21 35	0 42	4 9	2 25	8 44	0 36	11 18	1 50	24 43	11 35	22 37	22 45	1 44	15 58	3 53
S 20	18 27	11 33	3 4	15 9	1 0	22 50	0 29	2 37	3 20	21 37	0 42	4 10	2 25	8 44	0 36	11 19	1 50	24 42	11 35	22 37	22 45	1 41	15 58	3 53
M21	18 11	6 44	3 53	14 27	0 50	22 48	0 26	2 37	3 22	21 39	0 42	4 11	2 25	8 44	0 36	11 19	1 50	24 42	11 35	22 38	22 45	1 38	15 58	3 53
T 22	17 55	1 43	4 31	13 44	0 39	22 46	0 23	2 37	3 23	21 40	0 42	4 12	2 26	8 44	0 36	11 19	1 50	24 41	11 35	22 38	22 46	1 35	15 58	3 53
W23	17 39	3n20	4 58	13 1	0 28	22 43	0 20	2 37	3 24	21 42	0 42	4 13	2 26	8 44	0 36	11 19	1 50	24 40	11 35	22 39	22 46	1 32	15 58	3 53
T 24	17 22	8 16	5 11	12 19	0 16	22 39	0 17	2 38	3 26	21 43	0 42	4 15	2 26	8 44	0 36	11 19	1 51	24 40	11 35	22 39	22 46	1 29	15 59	3 53
F 25	17 5	12 56	5 12	11 36	0 3	22 35	0 14	2 38	3 27	21 45	0 42	4 16	2 26	8 44	0 36	11 19	1 51	24 39	11 35	22 40	22 47	1 26	15 59	3 52
S 26	16 48	17 10	4 59	10 54	0n11	22 30	0 11	2 40	3 28	21 46	0 42	4 17	2 27	8 44	0 36	11 19	1 51	24 39	11 35	22 40	22 47	1 23	15 59	3 52
S 27	16 30	20 45	4 32	10 14	0 25	22 24	0 8	2 41	3 30	21 47	0 43	4 19	2 27	8 43	0 36	11 18	1 51	24 38	11 35	22 40	22 47	1 20	15 59	3 52
M28	16 12	23 28	3 51	9 34	0 39	22 18	0 5	2 43	3 31	21 49	0 43	4 20	2 27	8 43	0 36	11 18	1 51	24 37	11 35	22 40	22 48	1 17	15 59	3 52
T 29	15 54	25 4	2 58	8 57	0 55	22 11	0 3	2 44	3 32	21 50	0 43	4 22	2 27	8 43	0 36	11 18	1 51	24 37	11 35	22 40	22 48	1 14	15 59	3 52
W30	15 36	25 17	1 54	8 21	1 10	22 3	0s 0	2 47	3 33	21 52	0 43	4 23	2 27	8 43	0 36	11 18	1 51	24 36	11 35	22 40	22 48	1 11	16 0	3 51
T 31	15s17	23n59	0n41	7s49	1n26	21s55	0s 3	2n49	3n35	21n53	0n43	4n25	2n28	8s43	0n36	11s18	1n51	24s36	11s35	22s39	22s49	1s 8	16n 0	3s51

Julian Day Number = 2196978.5, Delta T = 10m19s
Ecliptic obliquity = 23°31'49, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°01'10, Lahiri = 14°08'10 Julian Calendar 1 Jan. 1303 == Greg. Calendar 9 Jan. 1303

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ASTRODIENST EPHEMERIS for the year 1303
geocentric

FEBRUARY 1303 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	9 12 58	19♒41'55	22♋ 4	7♓13	22♉23	1°R 4	25°R 4	24°R33	23°R47	4°R25	23♒38	15°R14	13♉46	16♓37	27♉51	F 1
S 2	9 16 55	20°42'22	6♌45	7°45	23°38	0♎59	24♋57	24♍29	23♎46	4♏25	23°40	15♉12	13°43	16°44	27°51	S 2
S 3	9 20 52	21°42'48	21°46	8° 6	24°52	0°54	24°51	24°26	23°46	4°25	23°41	15° 9	13°39	16°50	27°51	S 3
M 4	9 24 48	22°43'12	6♍57	8°17	26° 6	0°47	24°45	24°22	23°45	4°25	23°43	15° 4	13°36	16°57	27°52	M 4
T 5	9 28 45	23°43'35	22° 7	8°R19	27°20	0°39	24°38	24°19	23°44	4°25	23°45	14°58	13°33	17° 4	27°53	T 5
W 6	9 32 41	24°43'56	7♎ 8	8°10	28°34	0°31	24°32	24°15	23°43	4°24	23°46	14°52	13°30	17°11	27°53	W 6
T 7	9 36 38	25°44'16	21°51	7°52	29°48	0°22	24°26	24°11	23°42	4°24	23°48	14°47	13°27	17°17	27°54	T 7
F 8	9 40 34	26°44'34	6♏10	7°25	1♒ 3	0°13	24°20	24° 7	23°41	4°24	23°50	14°43	13°24	17°24	27°55	F 8
S 9	9 44 31	27°44'51	20° 2	6°49	2°17	0° 2	24°15	24° 3	23°40	4°23	23°51	14°41	13°20	17°31	27°56	S 9
S 10	9 48 27	28°45'06	3♐30	6° 5	3°31	29♍51	24° 9	23°59	23°39	4°23	23°53	14°D41	13°17	17°37	27°57	S 10
M11	9 52 24	29°45'20	16°34	5°15	4°45	29°39	24° 4	23°55	23°38	4°22	23°55	14°42	13°14	17°44	27°58	M11
T 12	9 56 21	0♓45'32	29°18	4°19	5°59	29°26	23°59	23°51	23°37	4°22	23°56	14°43	13°11	17°51	27°59	T 12
W13	10 0 17	1°45'43	11♉46	3°20	7°14	29°12	23°54	23°47	23°36	4°21	23°58	14°R44	13° 8	17°58	28° 0	W13
T 14	10 4 14	2°45'51	24° 1	2°19	8°28	28°58	23°49	23°43	23°34	4°21	24° 0	14°44	13° 4	18° 4	28° 1	T 14
F 15	10 8 10	3°45'59	6♒ 8	1°17	9°42	28°43	23°44	23°39	23°33	4°20	24° 1	14°41	13° 1	18°11	28° 3	F 15
S 16	10 12 7	4°46'04	18° 7	0°15	10°56	28°27	23°39	23°34	23°32	4°20	24° 3	14°37	12°58	18°18	28° 4	S 16
S 17	10 16 3	5°46'08	0♓ 2	29♒16	12°10	28°11	23°35	23°30	23°30	4°19	24° 5	14°29	12°55	18°24	28° 5	S 17
M18	10 20 0	6°46'09	11°55	28°20	13°25	27°54	23°31	23°26	23°29	4°18	24° 6	14°20	12°52	18°31	28° 7	M18
T 19	10 23 56	7°46'09	23°46	27°28	14°39	27°36	23°27	23°21	23°27	4°18	24° 8	14° 9	12°49	18°38	28° 9	T 19
W20	10 27 53	8°46'06	5♈38	26°40	15°53	27°18	23°23	23°17	23°26	4°17	24°10	13°58	12°45	18°45	28°10	W20
T 21	10 31 50	9°46'02	17°32	25°59	17° 7	26°59	23°19	23°12	23°24	4°16	24°11	13°48	12°42	18°51	28°12	T 21
F 22	10 35 46	10°45'55	29°30	25°24	18°21	26°39	23°16	23° 8	23°23	4°15	24°13	13°39	12°39	18°58	28°14	F 22
S 23	10 39 43	11°45'47	11♉35	24°54	19°35	26°19	23°13	23° 3	23°21	4°15	24°15	13°32	12°36	19° 5	28°16	S 23
S 24	10 43 39	12°45'36	23°51	24°32	20°50	25°59	23° 9	22°59	23°19	4°14	24°16	13°28	12°33	19°11	28°18	S 24
M25	10 47 36	13°45'22	6♊22	24°16	22° 4	25°38	23° 6	22°54	23°18	4°13	24°18	13°26	12°29	19°18	28°20	M25
T 26	10 51 32	14°45'07	19°12	24° 6	23°18	25°16	23° 4	22°50	23°16	4°12	24°19	13°D26	12°26	19°25	28°22	T 26
W27	10 55 29	15°44'49	2♋25	24°D 3	24°32	24°55	23° 1	22°45	23°14	4°11	24°21	13°26	12°23	19°32	28°24	W27
T 28	10 59 25	16♓44'29	16♋ 4	24♒ 5	25♒46	24♍32	22♋59	22♍40	23♎12	4♏10	24♒23	13°R27	12♉20	19♓38	28♉26	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	14s58	21n 6	0s37	7s19	1n42	21s46	0s 6	2n52	3n36	21n54	0n43	4n26	2n28	8s42	0n36	11s18	1n51	24s35	11s35	22s39	22s49	1s 5	16n 0	3s51	F 1
S 2	14 39	16 48	1 55	6 53	1 58	21 36	0 9	2 55	3 37	21 55	0 43	4 28	2 28	8 42	0 36	11 18	1 51	24 35	11 35	22 40	22 49	1 2	16 0	3 51	S 2
S 3	14 19	11 22	3 6	6 30	2 13	21 26	0 12	2 58	3 38	21 57	0 43	4 29	2 28	8 42	0 36	11 18	1 51	24 34	11 35	22 40	22 50	0 59	16 1	3 51	S 3
M 4	14 0	5 13	4 4	6 12	2 28	21 15	0 14	3 2	3 39	21 58	0 43	4 31	2 29	8 42	0 36	11 18	1 51	24 34	11 35	22 41	22 50	0 56	16 1	3 51	M 4
T 5	13 40	1s14	4 46	5 58	2 42	21 3	0 17	3 6	3 40	21 59	0 43	4 33	2 29	8 41	0 36	11 18	1 51	24 33	11 35	22 41	22 50	0 53	16 1	3 50	T 5
W 6	13 20	7 32	5 7	5 49	2 56	20 51	0 20	3 10	3 41	22 0	0 43	4 34	2 29	8 41	0 36	11 17	1 51	24 32	11 35	22 42	22 51	0 50	16 2	3 50	W 6
T 7	12 59	13 17	5 8	5 45	3 8	20 38	0 22	3 14	3 42	22 1	0 43	4 36	2 29	8 40	0 36	11 17	1 51	24 32	11 35	22 42	22 51	0 47	16 2	3 50	T 7
F 8	12 39	18 9	4 49	5 45	3 19	20 24	0 25	3 19	3 43	22 2	0 43	4 38	2 29	8 40	0 36	11 17	1 51	24 31	11 36	22 43	22 51	0 44	16 2	3 50	F 8
S 9	12 18	21 53	4 13	5 50	3 28	20 10	0 28	3 24	3 44	22 3	0 43	4 39	2 29	8 40	0 36	11 17	1 52	24 31	11 36	22 43	22 52	0 41	16 3	3 50	S 9
S 10	11 57	24 17	3 25	5 59	3 35	19 56	0 30	3 29	3 44	22 4	0 43	4 41	2 30	8 39	0 36	11 17	1 52	24 30	11 36	22 43	22 52	0 38	16 3	3 49	S 10
M11	11 36	25 17	2 27	6 12	3 41	19 41	0 33	3 35	3 45	22 5	0 43	4 43	2 30	8 39	0 36	11 16	1 52	24 30	11 36	22 43	22 52	0 35	16 3	3 49	M11
T 12	11 15	24 54	1 23	6 29	3 44	19 25	0 35	3 41	3 46	22 6	0 43	4 45	2 30	8 38	0 36	11 16	1 52	24 29	11 36	22 43	22 52	0 32	16 4	3 49	T 12
W13	10 53	23 16	0 16	6 49	3 45	19 8	0 37	3 47	3 47	22 7	0 43	4 46	2 30	8 38	0 36	11 16	1 52	24 29	11 36	22 43	22 53	0 29	16 4	3 49	W13
T 14	10 32	20 34	0n50	7 12	3 44	18 51	0 40	3 53	3 47	22 8	0 43	4 48	2 30	8 37	0 36	11 16	1 52	24 28	11 36	22 43	22 53	0 26	16 5	3 49	T 14
F 15	10 10	17 0	1 53	7 37	3 41	18 34	0 42	3 59	3 48	22 9	0 43	4 50	2 30	8 37	0 36	11 16	1 52	24 28	11 36	22 43	22 53	0 23	16 5	3 49	F 15
S 16	9 48	12 46	2 50	8 4	3 36	18 16	0 44	4 6	3 48	22 10	0 43	4 52	2 31	8 36	0 36	11 15	1 52	24 27	11 36	22 44	22 54	0 20	16 6	3 48	S 16
S 17	9 26	8 5	3 39	8 31	3 29	17 57	0 47	4 13	3 48	22 11	0 43	4 54	2 31	8 36	0 36	11 15	1 52	24 27	11 36	22 44	22 54	0 18	16 6	3 48	S 17
M18	9 4	3 9	4 18	8 58	3 20	17 38	0 49	4 20	3 49	22 11	0 43	4 56	2 31	8 35	0 36	11 15	1 52	24 26	11 36	22 45	22 54	0 15	16 7	3 48	M18
T 19	8 41	1n53	4 46	9 26	3 10	17 19	0 51	4 27	3 49	22 12	0 43	4 57	2 31	8 35	0 36	11 14	1 52	24 26	11 36	22 46	22 55	0 12	16 7	3 48	T 19
W20	8 19	6 51	5 2	9 52	2 58	16 59	0 53	4 35	3 49	22 13	0 43	4 59	2 31	8 34	0 36	11 14	1 52	24 25	11 37	22 48	22 55	0 9	16 8	3 48	W20
T 21	7 56	11 35	5 4	10 18	2 46	16 38	0 55	4 42	3 49	22 13	0 43	5 1	2 31	8 34	0 37	11 14	1 52	24 25	11 37	22 49	22 55	0 6	16 8	3 47	T 21
F 22	7 33	15 54	4 53	10 42	2 33	16 18	0 57	4 50	3 49	22 14	0 43	5 3	2 31	8 33	0 37	11 14	1 52	24 24	11 37	22 50	22 56	0 3	16 9	3 47	F 22
S 23	7 11	19 38	4 29	11 5	2 19	15 56	0 59	4 58	3 49	22 14	0 43	5 5	2 31	8 32	0 37	11 13	1 52	24 24	11 37	22 50	22 56	0n 0	16 9	3 47	S 23
S 24	6 48	22 34	3 53	11 26	2 5	15 34	1 1	5 6	3 49	22 15	0 43	5 7	2 32	8 32	0 37	11 13	1 52	24 24	11 37	22 51	22 56	0 3	16 10	3 47	S 24
M25	6 25	24 29	3 4	11 45	1 50	15 12	1 3	5 14	3 48	22 15	0 43	5 9	2 32	8 31	0 37	11 13	1 52	24 23	11 37	22 51	22 56	0 6	16 11	3 47	M25
T 26	6 2	25 11	2 6	12 2	1 36	14 49	1 5	5 22	3 48	22 16	0 43	5 11	2 32	8 30	0 37	11 12	1 52	24 23	11 37	22 51	22 57	0 9	16 11	3 47	T 26
W27	5 38	24 29	0 59	12 17	1 21	14 26	1 6	5 31	3 48	22 16	0 43	5 13	2 32	8 30	0 37	11 12	1 52	24 22	11 37	22 51	22 57	0 12	16 12	3 46	W27
T 28	5s15	22n20	0s14	12s29	1n 7	14s 3	1s 8	5n39	3n47	22n17	0n43	5n15	2n32	8s29	0n37	11s11	1n53	24s22	11s38	22s51	22s57	0n15	16n12	3s46	T 28

Julian Day Number = 2197009.5, Delta T = 10m19s
Ecliptic obliquity = 23°31'49, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°01'14, Lahiri = 14°08'14 Julian Calendar 1 Feb. 1303 == Greg. Calendar 9 Feb. 1303

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ASTRODIENST EPHEMERIS for the year 1303
geocentric

MARCH 1303 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	11 3 22	17♓44'07	0♌12	24♒14	27♒ 0	24°R10	22°R57	22°R36	23°R10	4°R 9	24♒24	13°R26	12♑17	19♓45	28♉28	F 1
S 2	11 7 19	18°43'42	14°47	24°28	28°15	23♍47	22♋55	22♍31	23♎ 8	4♏ 8	24°26	13♑22	12°14	19°52	28°31	S 2
S 3	11 11 15	19°43'15	29°47	24°47	29°29	23°25	22°53	22°26	23° 6	4° 7	24°27	13°16	12°10	19°58	28°33	S 3
M 4	11 15 12	20°42'46	15♍ 2	25°11	0♓43	23° 1	22°51	22°22	23° 4	4° 6	24°29	13° 8	12° 7	20° 5	28°36	M 4
T 5	11 19 8	21°42'14	0♎24	25°40	1°57	22°38	22°50	22°17	23° 2	4° 5	24°30	12°58	12° 4	20°12	28°38	T 5
W 6	11 23 5	22°41'41	15°39	26°13	3°11	22°15	22°48	22°12	23° 0	4° 4	24°32	12°48	12° 1	20°18	28°41	W 6
T 7	11 27 1	23°41'06	0♏38	26°50	4°25	21°52	22°47	22° 7	22°58	4° 3	24°33	12°38	11°58	20°25	28°43	T 7
F 8	11 30 58	24°40'29	15°12	27°32	5°39	21°28	22°47	22° 3	22°56	4° 2	24°35	12°31	11°55	20°32	28°46	F 8
S 9	11 34 54	25°39'50	29°16	28°17	6°53	21° 5	22°46	21°58	22°54	4° 0	24°36	12°26	11°51	20°39	28°49	S 9
S 10	11 38 51	26°39'09	12♐51	29° 5	8° 7	20°42	22°45	21°53	22°52	3°59	24°38	12°23	11°48	20°45	28°52	S 10
M11	11 42 48	27°38'27	25°58	29°57	9°22	20°19	22°45	21°49	22°50	3°58	24°39	12°D23	11°45	20°52	28°55	M11
T 12	11 46 44	28°37'42	8♑41	0♓52	10°36	19°56	22°D45	21°44	22°47	3°57	24°41	12°R23	11°42	20°59	28°58	T 12
W13	11 50 41	29°36'56	21° 4	1°50	11°50	19°33	22°45	21°39	22°45	3°55	24°42	12°23	11°39	21° 5	29° 1	W13
T 14	11 54 37	0♈36'08	3♒14	2°51	13° 4	19°10	22°45	21°35	22°43	3°54	24°44	12°21	11°35	21°12	29° 4	T 14
F 15	11 58 34	1°35'19	15°13	3°54	14°18	18°48	22°46	21°30	22°41	3°53	24°45	12°17	11°32	21°19	29° 7	F 15
S 16	12 2 30	2°34'27	27° 6	5° 0	15°32	18°26	22°47	21°26	22°38	3°52	24°46	12°10	11°29	21°26	29°10	S 16
S 17	12 6 27	3°33'33	8♓57	6° 8	16°46	18° 5	22°47	21°21	22°36	3°50	24°48	12° 0	11°26	21°32	29°13	S 17
M18	12 10 23	4°32'37	20°47	7°19	18° 0	17°44	22°49	21°17	22°33	3°49	24°49	11°48	11°23	21°39	29°16	M18
T 19	12 14 20	5°31'40	2♈39	8°31	19°14	17°23	22°50	21°12	22°31	3°47	24°51	11°34	11°20	21°46	29°20	T 19
W20	12 18 16	6°30'40	14°35	9°46	20°28	17° 3	22°51	21° 8	22°29	3°46	24°52	11°19	11°16	21°52	29°23	W20
T 21	12 22 13	7°29'38	26°34	11° 3	21°42	16°43	22°53	21° 3	22°26	3°45	24°53	11° 5	11°13	21°59	29°26	T 21
F 22	12 26 10	8°28'34	8♉40	12°22	22°56	16°24	22°55	20°59	22°24	3°43	24°54	10°53	11°10	22° 6	29°30	F 22
S 23	12 30 6	9°27'28	20°52	13°43	24°10	16° 6	22°57	20°55	22°21	3°42	24°56	10°44	11° 7	22°13	29°33	S 23
S 24	12 34 3	10°26'20	3♊14	15° 5	25°24	15°48	22°59	20°50	22°19	3°40	24°57	10°37	11° 4	22°19	29°37	S 24
M25	12 37 59	11°25'09	15°49	16°30	26°38	15°31	23° 1	20°46	22°16	3°39	24°58	10°33	11° 1	22°26	29°41	M25
T 26	12 41 56	12°23'57	28°39	17°56	27°52	15°14	23° 4	20°42	22°14	3°37	25° 0	10°32	10°57	22°33	29°44	T 26
W27	12 45 52	13°22'42	11♋47	19°24	29° 6	14°58	23° 6	20°38	22°11	3°36	25° 1	10°32	10°54	22°40	29°48	W27
T 28	12 49 49	14°21'24	25°19	20°53	0♈20	14°43	23° 9	20°34	22° 9	3°34	25° 2	10°31	10°51	22°46	29°52	T 28
F 29	12 53 45	15°20'05	9♌15	22°25	1°34	14°29	23°12	20°29	22° 6	3°33	25° 3	10°30	10°48	22°53	29°56	F 29
S 30	12 57 42	16°18'43	23°37	23°58	2°48	14°15	23°16	20°26	22° 4	3°31	25° 4	10°26	10°45	23° 0	29°59	S 30
S 31	13 1 39	17♈17'18	8♍22	25♓33	4♈ 2	14♍ 2	23♋19	20♍22	22♎ 1	3♏30	25♒ 5	10♑20	10♑41	23♓ 6	0♊ 3	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	4s52	18n45	1s28	12s40	0n53	13s39	1s10	5n47	3n46	22n17	0n43	5n16	2n32	8s28	0n37	11s11	1n53	24s21	11s38	22s51	22s58	0n18	16n13	3s46
S 2	4 29	13 56	2 39	12 48	0 39	13 15	1 11	5 56	3 46	22 17	0 43	5 18	2 32	8 28	0 37	11 11	1 53	24 21	11 38	22 51	22 58	0 21	16 14	3 46
S 3	4 5	8 9	3 40	12 55	0 26	12 50	1 13	6 4	3 45	22 18	0 43	5 20	2 32	8 27	0 37	11 10	1 53	24 21	11 38	22 52	22 58	0 24	16 14	3 46
M 4	3 42	1 49	4 27	12 59	0 12	12 25	1 14	6 12	3 44	22 18	0 43	5 22	2 32	8 26	0 37	11 10	1 53	24 20	11 38	22 53	22 59	0 27	16 15	3 46
T 5	3 18	4s40	4 55	13 1	0s 0	12 0	1 16	6 20	3 43	22 18	0 43	5 24	2 32	8 25	0 37	11 10	1 53	24 20	11 38	22 54	22 59	0 30	16 16	3 46
W 6	2 55	10 49	5 2	13 1	0 13	11 34	1 17	6 29	3 42	22 18	0 43	5 26	2 32	8 25	0 37	11 9	1 53	24 20	11 39	22 55	22 59	0 33	16 17	3 45
T 7	2 31	16 13	4 48	13 0	0 24	11 8	1 18	6 37	3 41	22 19	0 43	5 28	2 32	8 24	0 37	11 9	1 53	24 19	11 39	22 56	22 59	0 35	16 17	3 45
F 8	2 7	20 31	4 15	12 56	0 36	10 42	1 19	6 45	3 39	22 19	0 43	5 30	2 32	8 23	0 37	11 8	1 53	24 19	11 39	22 56	23 0	0 38	16 18	3 45
S 9	1 44	23 27	3 28	12 50	0 46	10 16	1 20	6 53	3 38	22 19	0 43	5 32	2 32	8 22	0 37	11 8	1 53	24 19	11 39	22 57	23 0	0 41	16 19	3 45
S 10	1 20	24 54	2 30	12 43	0 57	9 49	1 21	7 1	3 36	22 19	0 43	5 34	2 32	8 21	0 37	11 7	1 53	24 18	11 39	22 57	23 0	0 44	16 19	3 45
M11	0 57	24 54	1 26	12 34	1 6	9 22	1 22	7 9	3 35	22 19	0 43	5 35	2 32	8 20	0 37	11 7	1 53	24 18	11 40	22 57	23 1	0 47	16 20	3 45
T 12	0 33	23 34	0 20	12 23	1 16	8 54	1 23	7 16	3 33	22 19	0 43	5 37	2 32	8 20	0 37	11 6	1 53	24 18	11 40	22 57	23 1	0 50	16 21	3 44
W13	0 9	21 7	0n46	12 10	1 24	8 27	1 24	7 24	3 31	22 19	0 43	5 39	2 32	8 19	0 37	11 6	1 53	24 17	11 40	22 57	23 1	0 53	16 22	3 44
T 14	0n14	17 45	1 48	11 56	1 32	7 59	1 25	7 31	3 30	22 19	0 43	5 41	2 32	8 18	0 37	11 6	1 53	24 17	11 40	22 57	23 1	0 56	16 23	3 44
F 15	0 38	13 43	2 44	11 40	1 40	7 31	1 26	7 38	3 28	22 19	0 43	5 43	2 32	8 17	0 37	11 5	1 53	24 17	11 40	22 58	23 2	0 59	16 23	3 44
S 16	1 2	9 11	3 33	11 23	1 47	7 3	1 26	7 45	3 26	22 19	0 43	5 45	2 32	8 16	0 37	11 5	1 53	24 16	11 41	22 58	23 2	1 2	16 24	3 44
S 17	1 25	4 21	4 12	11 3	1 54	6 35	1 27	7 51	3 24	22 18	0 43	5 46	2 32	8 15	0 37	11 4	1 53	24 16	11 41	22 59	23 2	1 5	16 25	3 44
M18	1 49	0n37	4 40	10 43	2 0	6 6	1 28	7 58	3 22	22 18	0 43	5 48	2 32	8 14	0 37	11 4	1 53	24 16	11 41	23 0	23 2	1 8	16 26	3 44
T 19	2 12	5 35	4 56	10 21	2 5	5 37	1 28	8 4	3 20	22 18	0 43	5 50	2 32	8 14	0 37	11 3	1 53	24 16	11 41	23 1	23 3	1 11	16 27	3 44
W20	2 36	10 21	4 59	9 57	2 11	5 9	1 28	8 10	3 17	22 18	0 43	5 52	2 32	8 13	0 37	11 3	1 53	24 15	11 41	23 3	23 3	1 13	16 27	3 43
T 21	2 59	14 46	4 49	9 32	2 15	4 40	1 29	8 15	3 15	22 17	0 43	5 53	2 32	8 12	0 37	11 2	1 53	24 15	11 42	23 4	23 3	1 16	16 28	3 43
F 22	3 22	18 38	4 26	9 5	2 19	4 10	1 29	8 20	3 13	22 17	0 43	5 55	2 32	8 11	0 37	11 2	1 53	24 15	11 42	23 5	23 4	1 19	16 29	3 43
S 23	3 46	21 44	3 50	8 37	2 23	3 41	1 29	8 26	3 10	22 17	0 43	5 57	2 32	8 10	0 37	11 1	1 53	24 15	11 42	23 6	23 4	1 22	16 30	3 43
S 24	4 9	23 53	3 3	8 8	2 26	3 12	1 29	8 30	3 8	22 16	0 43	5 58	2 32	8 9	0 37	11 1	1 53	24 14	11 42	23 6	23 4	1 25	16 31	3 43
M25	4 32	24 52	2 7	7 37	2 28	2 42	1 29	8 35	3 5	22 16	0 43	6 0	2 32	8 8	0 37	11 0	1 54	24 14	11 43	23 7	23 4	1 28	16 32	3 43
T 26	4 55	24 34	1 2	7 5	2 30	2 13	1 29	8 39	3 3	22 15	0 43	6 2	2 32	8 7	0 37	11 0	1 54	24 14	11 43	23 7	23 5	1 31	16 33	3 43
W27	5 18	22 54	0s 7	6 32	2 31	1 43	1 29	8 43	3 0	22 15	0 43	6 3	2 32	8 6	0 37	10 59	1 54	24 14	11 43	23 7	23 5	1 34	16 33	3 43
T 28	5 41	19 53	1 17	5 57	2 32	1 14	1 29	8 46	2 58	22 14	0 43	6 5	2 32	8 5	0 37	10 58	1 54	24 14	11 43	23 7	23 5	1 37	16 34	3 43
F 29	6 4	15 40	2 25	5 21	2 33	0 44	1 29	8 49	2 55	22 14	0 43	6 6	2 32	8 4	0 37	10 58	1 54	24 13	11 44	23 7	23 5	1 40	16 35	3 43
S 30	6 26	10 27	3 26	4 44	2 33	0 14	1 29	8 52	2 52	22 13	0 43	6 8	2 32	8 3	0 37	10 57	1 54	24 13	11 44	23 7	23 6	1 43	16 36	3 42
S 31	6n49	4n31	4s15	4s 6	2s32	0n16	1s28	8n55	2n50	22n13	0n43	6n 9	2n32	8s 2	0n37	10s57	1n54	24s13	11s44	23s 8	23s 6	1n45	16n37	3s42

Julian Day Number = 2197037.5, Delta T = 10m19s
Ecliptic obliquity = 23°31'50, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°01'18, Lahiri = 14°08'18 Julian Calendar 1 March 1303 == Greg. Calendar 9 March 1303

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ASTRODIENST EPHEMERIS for the year 1303
geocentric

APRIL 1303 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	13 5 35	18♈15'52	23♍25	27♓ 9	5♈16	13°R50	23♋23	20°R18	21°R59	3°R28	25♒ 7	10°R12	10♑38	23♓13	0♊ 7	M 1
T 2	13 9 32	19°14'23	8♎38	28°47	6°30	13♍39	23°26	20♍14	21♎56	3♏27	25° 8	10♑ 1	10°35	23°20	0°11	T 2
W 3	13 13 28	20°12'53	23°50	0♈27	7°44	13°28	23°30	20°10	21°54	3°25	25° 9	9°50	10°32	23°27	0°15	W 3
T 4	13 17 25	21°11'20	8♏50	2° 8	8°58	13°18	23°34	20° 6	21°51	3°24	25°10	9°40	10°29	23°33	0°19	T 4
F 5	13 21 21	22° 9'46	23°28	3°52	10°12	13° 9	23°39	20° 3	21°48	3°22	25°11	9°32	10°26	23°40	0°23	F 5
S 6	13 25 18	23° 8'10	7♐40	5°36	11°26	13° 1	23°43	19°59	21°46	3°20	25°12	9°26	10°22	23°47	0°27	S 6
S 7	13 29 14	24° 6'33	21°22	7°23	12°40	12°53	23°48	19°56	21°43	3°19	25°13	9°23	10°19	23°53	0°32	S 7
M 8	13 33 11	25° 4'54	4♑36	9°11	13°54	12°46	23°52	19°52	21°41	3°17	25°14	9°D22	10°16	24° 0	0°36	M 8
T 9	13 37 8	26° 3'13	17°23	11° 1	15° 8	12°41	23°57	19°49	21°38	3°16	25°15	9°22	10°13	24° 7	0°40	T 9
W10	13 41 4	27° 1'30	29°50	12°53	16°21	12°35	24° 2	19°46	21°36	3°14	25°16	9°R22	10°10	24°14	0°44	W10
T 11	13 45 1	27°59'47	11♒59	14°46	17°35	12°31	24° 8	19°43	21°33	3°12	25°17	9°21	10° 6	24°20	0°49	T 11
F 12	13 48 57	28°58'01	23°58	16°41	18°49	12°27	24°13	19°40	21°31	3°11	25°18	9°18	10° 3	24°27	0°53	F 12
S 13	13 52 54	29°56'14	5♓50	18°38	20° 3	12°25	24°18	19°36	21°28	3° 9	25°18	9°13	10° 0	24°34	0°57	S 13
S 14	13 56 50	0♉54'25	17°40	20°36	21°17	12°23	24°24	19°34	21°26	3° 7	25°19	9° 5	9°57	24°40	1° 2	S 14
M15	14 0 47	1°52'35	29°32	22°36	22°31	12°21	24°30	19°31	21°23	3° 6	25°20	8°55	9°54	24°47	1° 6	M15
T 16	14 4 43	2°50'43	11♈27	24°38	23°45	12°D21	24°36	19°28	21°21	3° 4	25°21	8°43	9°51	24°54	1°11	T 16
W17	14 8 40	3°48'50	23°28	26°41	24°59	12°21	24°42	19°25	21°18	3° 3	25°22	8°31	9°47	25° 1	1°15	W17
T 18	14 12 37	4°46'55	5♉36	28°46	26°12	12°22	24°48	19°23	21°16	3° 1	25°23	8°19	9°44	25° 7	1°20	T 18
F 19	14 16 33	5°44'58	17°53	0♉52	27°26	12°24	24°55	19°20	21°13	2°59	25°23	8° 9	9°41	25°14	1°24	F 19
S 20	14 20 30	6°43'00	0♊19	2°59	28°40	12°27	25° 1	19°18	21°11	2°58	25°24	8° 1	9°38	25°21	1°29	S 20
S 21	14 24 26	7°40'59	12°54	5° 8	29°54	12°30	25° 8	19°15	21° 8	2°56	25°25	7°55	9°35	25°27	1°33	S 21
M22	14 28 23	8°38'58	25°41	7°17	1♉ 8	12°34	25°15	19°13	21° 6	2°54	25°25	7°53	9°32	25°34	1°38	M22
T 23	14 32 19	9°36'54	8♋41	9°27	2°21	12°39	25°22	19°11	21° 4	2°53	25°26	7°D52	9°28	25°41	1°43	T 23
W24	14 36 16	10°34'49	21°56	11°37	3°35	12°44	25°29	19° 9	21° 1	2°51	25°27	7°52	9°25	25°48	1°47	W24
T 25	14 40 12	11°32'41	5♌29	13°48	4°49	12°50	25°36	19° 7	20°59	2°50	25°27	7°R53	9°22	25°54	1°52	T 25
F 26	14 44 9	12°30'32	19°20	15°59	6° 3	12°57	25°44	19° 5	20°57	2°48	25°28	7°53	9°19	26° 1	1°57	F 26
S 27	14 48 6	13°28'21	3♍30	18° 9	7°17	13° 4	25°51	19° 3	20°54	2°46	25°28	7°51	9°16	26° 8	2° 1	S 27
S 28	14 52 2	14°26'08	17°58	20°19	8°30	13°12	25°59	19° 2	20°52	2°45	25°29	7°48	9°12	26°14	2° 6	S 28
M29	14 55 59	15°23'53	2♎41	22°28	9°44	13°21	26° 7	19° 0	20°50	2°43	25°29	7°42	9° 9	26°21	2°11	M29
T 30	14 59 55	16♉21'37	17♎32	24♉36	10♉58	13♍30	26♋15	18♍58	20♎47	2♏42	25♒30	7♑35	9♑ 6	26♓28	2♊16	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	7n11	1s47	4s48	3s26	2s31	0n45	1s28	8n57	2n47	22n12	0n43	6n11	2n32	8s 1	0n37	10s56	1n54	24s13	11s45	23s 8	23s 6	1n48	16n38	3s42
T 2	7 34	8 2	5 0	2 46	2 29	1 15	1 27	8 59	2 44	22 11	0 43	6 12	2 31	8 1	0 37	10 56	1 54	24 13	11 45	23 9	23 6	1 51	16 39	3 42
W 3	7 56	13 48	4 52	2 4	2 27	1 45	1 27	9 1	2 42	22 11	0 43	6 14	2 31	8 0	0 37	10 55	1 54	24 13	11 45	23 10	23 7	1 54	16 40	3 42
T 4	8 18	18 38	4 23	1 21	2 24	2 15	1 26	9 2	2 39	22 10	0 43	6 15	2 31	7 59	0 37	10 55	1 54	24 13	11 45	23 11	23 7	1 57	16 41	3 42
F 5	8 40	22 13	3 37	0 37	2 21	2 45	1 26	9 3	2 36	22 9	0 43	6 16	2 31	7 58	0 37	10 54	1 54	24 13	11 46	23 11	23 7	2 0	16 41	3 42
S 6	9 1	24 17	2 39	0n 9	2 17	3 14	1 25	9 4	2 34	22 8	0 43	6 18	2 31	7 57	0 37	10 54	1 54	24 12	11 46	23 12	23 7	2 3	16 42	3 42
S 7	9 23	24 48	1 34	0 55	2 13	3 44	1 24	9 4	2 31	22 7	0 43	6 19	2 31	7 56	0 37	10 53	1 54	24 12	11 46	23 12	23 8	2 6	16 43	3 42
M 8	9 45	23 52	0 25	1 42	2 8	4 13	1 23	9 4	2 28	22 7	0 43	6 20	2 31	7 55	0 37	10 52	1 54	24 12	11 47	23 12	23 8	2 9	16 44	3 42
T 9	10 6	21 42	0n42	2 30	2 2	4 43	1 22	9 4	2 26	22 6	0 43	6 21	2 31	7 54	0 37	10 52	1 54	24 12	11 47	23 12	23 8	2 11	16 45	3 42
W10	10 27	18 32	1 46	3 19	1 57	5 12	1 21	9 3	2 23	22 5	0 42	6 22	2 31	7 53	0 37	10 51	1 54	24 12	11 47	23 12	23 8	2 14	16 46	3 42
T 11	10 48	14 38	2 44	4 9	1 50	5 41	1 20	9 3	2 20	22 4	0 42	6 24	2 30	7 52	0 37	10 51	1 54	24 12	11 47	23 12	23 9	2 17	16 47	3 42
F 12	11 9	10 14	3 33	5 0	1 43	6 11	1 19	9 2	2 17	22 3	0 42	6 25	2 30	7 51	0 37	10 50	1 54	24 12	11 48	23 12	23 9	2 20	16 48	3 42
S 13	11 30	5 29	4 13	5 51	1 36	6 40	1 18	9 0	2 15	22 2	0 42	6 26	2 30	7 50	0 37	10 50	1 54	24 12	11 48	23 13	23 9	2 23	16 49	3 42
S 14	11 50	0 34	4 42	6 43	1 28	7 9	1 17	8 58	2 12	22 1	0 42	6 27	2 30	7 49	0 37	10 49	1 54	24 12	11 48	23 13	23 9	2 26	16 50	3 41
M15	12 10	4n22	4 58	7 35	1 20	7 37	1 16	8 56	2 9	22 0	0 42	6 28	2 30	7 48	0 37	10 49	1 54	24 12	11 49	23 14	23 10	2 29	16 51	3 41
T 16	12 30	9 10	5 2	8 28	1 11	8 6	1 14	8 54	2 7	21 59	0 42	6 29	2 30	7 47	0 37	10 48	1 54	24 12	11 49	23 15	23 10	2 32	16 52	3 41
W17	12 50	13 40	4 52	9 22	1 2	8 34	1 13	8 52	2 4	21 58	0 42	6 30	2 30	7 46	0 37	10 47	1 54	24 12	11 49	23 15	23 10	2 34	16 53	3 41
T 18	13 10	17 40	4 29	10 15	0 53	9 2	1 12	8 49	2 2	21 56	0 42	6 31	2 29	7 45	0 37	10 47	1 54	24 12	11 50	23 16	23 10	2 37	16 53	3 41
F 19	13 29	20 57	3 53	11 9	0 43	9 30	1 10	8 46	1 59	21 55	0 42	6 31	2 29	7 45	0 37	10 46	1 54	24 12	11 50	23 17	23 11	2 40	16 54	3 41
S 20	13 49	23 19	3 6	12 2	0 33	9 58	1 9	8 42	1 56	21 54	0 42	6 32	2 29	7 44	0 37	10 46	1 54	24 12	11 50	23 17	23 11	2 43	16 55	3 41
S 21	14 8	24 34	2 9	12 55	0 23	10 26	1 7	8 39	1 54	21 53	0 42	6 33	2 29	7 43	0 37	10 45	1 54	24 12	11 51	23 18	23 11	2 46	16 56	3 41
M22	14 26	24 32	1 5	13 48	0 13	10 53	1 6	8 35	1 51	21 51	0 42	6 34	2 29	7 42	0 37	10 45	1 54	24 12	11 51	23 18	23 11	2 49	16 57	3 41
T 23	14 45	23 10	0s 4	14 40	0 2	11 20	1 4	8 31	1 49	21 50	0 42	6 34	2 29	7 41	0 37	10 44	1 54	24 12	11 51	23 18	23 11	2 52	16 58	3 41
W24	15 3	20 30	1 15	15 31	0n 9	11 47	1 2	8 27	1 46	21 49	0 42	6 35	2 28	7 40	0 37	10 44	1 54	24 12	11 52	23 18	23 12	2 55	16 59	3 41
T 25	15 21	16 40	2 22	16 21	0 19	12 13	1 1	8 22	1 44	21 47	0 42	6 36	2 28	7 39	0 37	10 43	1 54	24 13	11 52	23 18	23 12	2 57	17 0	3 41
F 26	15 39	11 52	3 23	17 9	0 30	12 40	0 59	8 17	1 41	21 46	0 42	6 36	2 28	7 38	0 36	10 42	1 54	24 13	11 52	23 18	23 12	3 0	17 1	3 41
S 27	15 57	6 20	4 13	17 56	0 40	13 6	0 57	8 12	1 39	21 45	0 42	6 37	2 28	7 38	0 36	10 42	1 54	24 13	11 53	23 18	23 12	3 3	17 2	3 41
S 28	16 14	0 21	4 48	18 42	0 50	13 31	0 55	8 7	1 37	21 43	0 42	6 37	2 28	7 37	0 36	10 41	1 54	24 13	11 53	23 18	23 13	3 6	17 3	3 41
M29	16 31	5s44	5 5	19 25	1 0	13 57	0 53	8 1	1 34	21 42	0 42	6 38	2 27	7 36	0 36	10 41	1 54	24 13	11 53	23 18	23 13	3 9	17 4	3 41
T 30	16n48	11s33	5s 2	20n 7	1n 9	14n22	0s51	7n55	1n32	21n40	0n42	6n38	2n27	7s35	0n36	10s40	1n54	24s13	11s54	23s19	23s13	3n12	17n 5	3s41

Julian Day Number = 2197068.5, Delta T = 10m19s
Ecliptic obliquity = 23°31'49, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°01'22, Lahiri = 14°08'23 Julian Calendar 1 Apr. 1303 == Greg. Calendar 9 Apr. 1303

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ASTRODIENST EPHEMERIS for the year 1303
geocentric

MAY 1303 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	15 3 52	17♉19'19	2♏24	26♉43	12♉12	13♍40	26♋23	18°R57	20°R45	2°R40	25♒30	7°R27	9♑ 3	26♓35	2♊20	W 1
T 2	15 7 48	18°17'00	17° 8	28°48	13°25	13°51	26°31	18♍56	20♎43	2♏38	25°31	7♑20	9° 0	26°41	2°25	T 2
F 3	15 11 45	19°14'40	1♐36	0♊51	14°39	14° 2	26°39	18°55	20°41	2°37	25°31	7°14	8°57	26°48	2°30	F 3
S 4	15 15 41	20°12'18	15°43	2°52	15°53	14°14	26°47	18°53	20°39	2°35	25°32	7°10	8°53	26°55	2°35	S 4
S 5	15 19 38	21° 9'55	29°24	4°50	17° 7	14°26	26°56	18°52	20°37	2°34	25°32	7° 8	8°50	27° 2	2°40	S 5
M 6	15 23 35	22° 7'31	12♑40	6°47	18°20	14°39	27° 4	18°52	20°35	2°32	25°32	7°D 8	8°47	27° 8	2°45	M 6
T 7	15 27 31	23° 5'06	25°31	8°41	19°34	14°52	27°13	18°51	20°33	2°31	25°33	7° 9	8°44	27°15	2°50	T 7
W 8	15 31 28	24° 2'40	8♒ 1	10°32	20°48	15° 6	27°22	18°50	20°31	2°29	25°33	7°10	8°41	27°22	2°54	W 8
T 9	15 35 24	25° 0'13	20°15	12°20	22° 1	15°21	27°31	18°49	20°29	2°28	25°33	7°R11	8°38	27°28	2°59	T 9
F 10	15 39 21	25°57'45	2♓16	14° 6	23°15	15°36	27°40	18°49	20°27	2°26	25°33	7°11	8°34	27°35	3° 4	F 10
S 11	15 43 17	26°55'17	14°10	15°49	24°29	15°51	27°49	18°49	20°25	2°25	25°34	7°10	8°31	27°42	3° 9	S 11
S 12	15 47 14	27°52'47	26° 2	17°29	25°43	16° 7	27°58	18°48	20°23	2°23	25°34	7° 6	8°28	27°49	3°14	S 12
M13	15 51 10	28°50'16	7♈56	19° 6	26°56	16°24	28° 8	18°48	20°21	2°22	25°34	7° 1	8°25	27°55	3°19	M13
T 14	15 55 7	29°47'45	19°55	20°40	28°10	16°41	28°17	18°D48	20°19	2°21	25°34	6°56	8°22	28° 2	3°24	T 14
W15	15 59 4	0♊45'13	2♉ 2	22°11	29°24	16°58	28°27	18°48	20°18	2°19	25°34	6°49	8°18	28° 9	3°29	W15
T 16	16 3 0	1°42'40	14°20	23°39	0♊37	17°16	28°36	18°48	20°16	2°18	25°34	6°43	8°15	28°15	3°34	T 16
F 17	16 6 57	2°40'06	26°49	25° 4	1°51	17°35	28°46	18°48	20°14	2°16	25°34	6°38	8°12	28°22	3°39	F 17
S 18	16 10 53	3°37'31	9♊31	26°26	3° 5	17°54	28°56	18°49	20°13	2°15	25°34	6°34	8° 9	28°29	3°44	S 18
S 19	16 14 50	4°34'55	22°26	27°45	4°19	18°13	29° 6	18°49	20°11	2°14	25°R34	6°31	8° 6	28°36	3°49	S 19
M20	16 18 46	5°32'19	5♋33	29° 1	5°32	18°33	29°16	18°49	20°10	2°12	25°34	6°D30	8° 3	28°42	3°54	M20
T 21	16 22 43	6°29'41	18°53	0♋13	6°46	18°53	29°26	18°50	20° 8	2°11	25°34	6°31	7°59	28°49	3°59	T 21
W22	16 26 39	7°27'03	2♌25	1°22	8° 0	19°13	29°36	18°51	20° 7	2°10	25°34	6°32	7°56	28°56	4° 3	W22
T 23	16 30 36	8°24'23	16° 9	2°28	9°13	19°34	29°47	18°52	20° 5	2° 9	25°34	6°34	7°53	29° 3	4° 8	T 23
F 24	16 34 33	9°21'42	0♍ 5	3°31	10°27	19°56	29°57	18°53	20° 4	2° 7	25°34	6°35	7°50	29° 9	4°13	F 24
S 25	16 38 29	10°19'00	14°13	4°30	11°41	20°17	0♌ 8	18°54	20° 2	2° 6	25°34	6°R35	7°47	29°16	4°18	S 25
S 26	16 42 26	11°16'17	28°30	5°25	12°55	20°40	0°18	18°55	20° 1	2° 5	25°34	6°34	7°44	29°23	4°23	S 26
M27	16 46 22	12°13'33	12♎53	6°17	14° 8	21° 2	0°29	18°56	20° 0	2° 4	25°34	6°32	7°40	29°29	4°28	M27
T 28	16 50 19	13°10'48	27°20	7° 5	15°22	21°25	0°39	18°57	19°59	2° 3	25°34	6°29	7°37	29°36	4°33	T 28
W29	16 54 15	14° 8'03	11♏45	7°49	16°36	21°48	0°50	18°59	19°57	2° 2	25°33	6°26	7°34	29°43	4°38	W29
T 30	16 58 12	15° 5'17	26° 3	8°29	17°49	22°12	1° 1	19° 0	19°56	2° 1	25°33	6°23	7°31	29°50	4°43	T 30
F 31	17 2 8	16♊ 2'30	10♐ 9	9♋ 5	19♊ 3	22♍36	1♌12	19♍ 2	19♎55	1♏59	25♒33	6♑21	7♑28	29♓56	4♊48	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	17n 4	16s42	4s38	20n46	1n18	14n46	0s49	7n49	1n30	21n39	0n42	6n39	2n27	7s34	0n36	10s40	1n54	24s13	11s54	23s19	23s13	3n15	17n 5	3s41
T 2	17 20	20 47	3 56	21 22	1 26	15 10	0 47	7 43	1 27	21 37	0 42	6 39	2 27	7 33	0 36	10 39	1 54	24 13	11 54	23 20	23 13	3 17	17 6	3 41
F 3	17 36	23 29	2 59	21 57	1 34	15 34	0 45	7 37	1 25	21 35	0 42	6 39	2 27	7 33	0 36	10 39	1 54	24 14	11 55	23 20	23 14	3 20	17 7	3 41
S 4	17 52	24 38	1 53	22 28	1 42	15 58	0 43	7 30	1 23	21 34	0 42	6 39	2 27	7 32	0 36	10 38	1 54	24 14	11 55	23 20	23 14	3 23	17 8	3 41
S 5	18 7	24 13	0 42	22 57	1 48	16 21	0 41	7 23	1 21	21 32	0 42	6 40	2 26	7 31	0 36	10 38	1 54	24 14	11 55	23 20	23 14	3 26	17 9	3 41
M 6	18 22	22 26	0n30	23 24	1 54	16 44	0 39	7 16	1 19	21 30	0 42	6 40	2 26	7 30	0 36	10 37	1 54	24 14	11 56	23 20	23 14	3 29	17 10	3 42
T 7	18 37	19 31	1 38	23 48	1 59	17 6	0 37	7 9	1 16	21 29	0 42	6 40	2 26	7 30	0 36	10 37	1 54	24 14	11 56	23 20	23 14	3 32	17 11	3 42
W 8	18 51	15 46	2 39	24 9	2 4	17 28	0 35	7 2	1 14	21 27	0 42	6 40	2 26	7 29	0 36	10 36	1 54	24 15	11 56	23 20	23 15	3 34	17 12	3 42
T 9	19 5	11 26	3 32	24 28	2 7	17 49	0 33	6 54	1 12	21 25	0 42	6 40	2 26	7 28	0 36	10 36	1 54	24 15	11 57	23 20	23 15	3 37	17 13	3 42
F 10	19 19	6 45	4 14	24 44	2 10	18 10	0 30	6 46	1 10	21 23	0 42	6 40	2 25	7 28	0 36	10 35	1 54	24 15	11 57	23 20	23 15	3 40	17 13	3 42
S 11	19 33	1 52	4 46	24 58	2 12	18 30	0 28	6 39	1 8	21 22	0 42	6 40	2 25	7 27	0 36	10 35	1 54	24 15	11 57	23 20	23 15	3 43	17 14	3 42
S 12	19 46	3n 4	5 4	25 9	2 14	18 50	0 26	6 30	1 6	21 20	0 42	6 40	2 25	7 26	0 36	10 34	1 53	24 16	11 58	23 20	23 16	3 46	17 15	3 42
M13	19 59	7 54	5 10	25 19	2 14	19 10	0 24	6 22	1 4	21 18	0 42	6 40	2 25	7 25	0 36	10 34	1 53	24 16	11 58	23 21	23 16	3 49	17 16	3 42
T 14	20 11	12 28	5 2	25 26	2 14	19 29	0 21	6 14	1 2	21 16	0 42	6 40	2 25	7 25	0 36	10 33	1 53	24 16	11 58	23 21	23 16	3 51	17 17	3 42
W15	20 23	16 37	4 41	25 31	2 13	19 47	0 19	6 5	1 0	21 14	0 42	6 40	2 24	7 24	0 36	10 33	1 53	24 16	11 59	23 21	23 16	3 54	17 18	3 42
T 16	20 35	20 7	4 6	25 34	2 11	20 5	0 17	5 56	0 58	21 12	0 42	6 39	2 24	7 24	0 36	10 33	1 53	24 17	11 59	23 22	23 16	3 57	17 19	3 42
F 17	20 46	22 45	3 19	25 35	2 8	20 23	0 14	5 47	0 56	21 10	0 42	6 39	2 24	7 23	0 36	10 32	1 53	24 17	11 59	23 22	23 17	4 0	17 19	3 42
S 18	20 57	24 18	2 22	25 34	2 5	20 39	0 12	5 38	0 54	21 8	0 42	6 39	2 24	7 22	0 36	10 32	1 53	24 17	12 0	23 22	23 17	4 3	17 20	3 42
S 19	21 8	24 35	1 16	25 31	2 1	20 56	0 10	5 29	0 52	21 6	0 42	6 38	2 23	7 22	0 36	10 31	1 53	24 18	12 0	23 22	23 17	4 5	17 21	3 42
M20	21 19	23 30	0 5	25 27	1 56	21 11	0 7	5 19	0 51	21 4	0 42	6 38	2 23	7 21	0 36	10 31	1 53	24 18	12 0	23 22	23 17	4 8	17 22	3 42
T 21	21 29	21 5	1s 7	25 22	1 50	21 27	0 5	5 10	0 49	21 2	0 42	6 38	2 23	7 21	0 36	10 30	1 53	24 18	12 1	23 22	23 17	4 11	17 23	3 43
W22	21 38	17 28	2 17	25 15	1 44	21 41	0 2	5 0	0 47	20 59	0 42	6 37	2 23	7 20	0 36	10 30	1 53	24 19	12 1	23 22	23 17	4 14	17 24	3 43
T 23	21 47	12 52	3 20	25 7	1 36	21 55	0 0	4 50	0 45	20 57	0 42	6 37	2 23	7 20	0 36	10 30	1 53	24 19	12 1	23 22	23 18	4 17	17 24	3 43
F 24	21 56	7 33	4 12	24 57	1 28	22 8	0n 2	4 40	0 43	20 55	0 42	6 36	2 22	7 19	0 36	10 29	1 53	24 19	12 2	23 22	23 18	4 20	17 25	3 43
S 25	22 5	1 46	4 50	24 47	1 20	22 21	0 5	4 30	0 42	20 53	0 42	6 35	2 22	7 19	0 36	10 29	1 53	24 20	12 2	23 22	23 18	4 22	17 26	3 43
S 26	22 13	4s 9	5 11	24 35	1 10	22 33	0 7	4 20	0 40	20 50	0 42	6 35	2 22	7 18	0 36	10 29	1 53	24 20	12 2	23 22	23 18	4 25	17 27	3 43
M27	22 21	9 53	5 12	24 23	1 0	22 44	0 9	4 9	0 38	20 48	0 42	6 34	2 22	7 18	0 36	10 28	1 53	24 20	12 3	23 22	23 18	4 28	17 27	3 43
T 28	22 28	15 7	4 53	24 9	0 49	22 55	0 12	3 59	0 37	20 46	0 42	6 33	2 22	7 17	0 36	10 28	1 53	24 21	12 3	23 22	23 19	4 31	17 28	3 43
W29	22 35	19 29	4 16	23 55	0 38	23 5	0 14	3 48	0 35	20 43	0 42	6 33	2 21	7 17	0 36	10 27	1 53	24 21	12 3	23 22	23 19	4 34	17 29	3 43
T 30	22 42	22 38	3 24	23 41	0 25	23 15	0 16	3 37	0 33	20 41	0 42	6 32	2 21	7 17	0 36	10 27	1 53	24 22	12 4	23 22	23 19	4 36	17 30	3 44
F 31	22n48	24s21	2s19	23n26	0n13	23n23	0n19	3n26	0n32	20n39	0n42	6n31	2n21	7s16	0n36	10s27	1n53	24s22	12s 4	23s23	23s19	4n39	17n30	3s44

Julian Day Number = 2197098.5, Delta T = 10m19s
Ecliptic obliquity = 23°31'49, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°01'26, Lahiri = 14°08'27 Julian Calendar 1 May 1303 == Greg. Calendar 9 May 1303

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ASTRODIENST EPHEMERIS for the year 1303
geocentric

JUNE 1303 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	17 6 5	16♊59'43	23♐58	9♋37	20♊17	23♍ 0	1♌23	19♍ 4	19°R54	1°R58	25°R32	6°R20	7♑24	0♈ 3	4♊53	S 1
S 2	17 10 2	17°56'55	7♑28	10° 5	21°30	23°25	1°34	19° 5	19♎53	1♏57	25♒32	6°D20	7°21	0°10	4°58	S 2
M 3	17 13 58	18°54'07	20°37	10°29	22°44	23°50	1°45	19° 7	19°52	1°56	25°32	6♑20	7°18	0°16	5° 2	M 3
T 4	17 17 55	19°51'18	3♒26	10°48	23°58	24°15	1°57	19° 9	19°52	1°55	25°31	6°21	7°15	0°23	5° 7	T 4
W 5	17 21 51	20°48'30	15°56	11° 2	25°11	24°40	2° 8	19°11	19°51	1°54	25°31	6°22	7°12	0°30	5°12	W 5
T 6	17 25 48	21°45'41	28°11	11°12	26°25	25° 6	2°19	19°14	19°50	1°54	25°31	6°24	7° 9	0°37	5°17	T 6
F 7	17 29 44	22°42'52	10♓15	11°18	27°39	25°32	2°31	19°16	19°49	1°53	25°30	6°24	7° 5	0°43	5°22	F 7
S 8	17 33 41	23°40'03	22°11	11°R19	28°53	25°59	2°42	19°18	19°49	1°52	25°30	6°R25	7° 2	0°50	5°27	S 8
S 9	17 37 37	24°37'14	4♈ 4	11°15	0♋ 6	26°26	2°54	19°21	19°48	1°51	25°29	6°25	6°59	0°57	5°31	S 9
M10	17 41 34	25°34'25	15°59	11° 7	1°20	26°53	3° 5	19°23	19°47	1°50	25°29	6°24	6°56	1° 4	5°36	M10
T 11	17 45 31	26°31'36	28° 1	10°54	2°34	27°20	3°17	19°26	19°47	1°49	25°28	6°23	6°53	1°10	5°41	T 11
W12	17 49 27	27°28'47	10♉12	10°37	3°47	27°48	3°29	19°29	19°46	1°49	25°28	6°22	6°50	1°17	5°46	W12
T 13	17 53 24	28°25'59	22°37	10°17	5° 1	28°15	3°41	19°32	19°46	1°48	25°27	6°21	6°46	1°24	5°50	T 13
F 14	17 57 20	29°23'10	5♊17	9°52	6°15	28°44	3°52	19°34	19°46	1°47	25°27	6°20	6°43	1°30	5°55	F 14
S 15	18 1 17	0♋20'22	18°15	9°24	7°29	29°12	4° 4	19°38	19°45	1°46	25°26	6°19	6°40	1°37	6° 0	S 15
S 16	18 5 13	1°17'34	1♋29	8°53	8°42	29°41	4°16	19°41	19°45	1°46	25°25	6°D19	6°37	1°44	6° 4	S 16
M17	18 9 10	2°14'46	15° 0	8°20	9°56	0♎10	4°28	19°44	19°45	1°45	25°25	6°19	6°34	1°51	6° 9	M17
T 18	18 13 7	3°11'57	28°45	7°45	11°10	0°39	4°40	19°47	19°45	1°45	25°24	6°19	6°30	1°57	6°14	T 18
W19	18 17 3	4° 9'09	12♌42	7° 8	12°24	1° 8	4°53	19°51	19°44	1°44	25°23	6°19	6°27	2° 4	6°18	W19
T 20	18 21 0	5° 6'20	26°49	6°30	13°37	1°38	5° 5	19°54	19°44	1°44	25°23	6°20	6°24	2°11	6°23	T 20
F 21	18 24 56	6° 3'32	11♍ 1	5°53	14°51	2° 8	5°17	19°58	19°D44	1°43	25°22	6°R20	6°21	2°18	6°27	F 21
S 22	18 28 53	7° 0'43	25°16	5°15	16° 5	2°38	5°29	20° 1	19°44	1°43	25°21	6°20	6°18	2°24	6°32	S 22
S 23	18 32 49	7°57'54	9♎32	4°39	17°18	3° 8	5°42	20° 5	19°45	1°42	25°20	6°D20	6°15	2°31	6°36	S 23
M24	18 36 46	8°55'05	23°44	4° 5	18°32	3°39	5°54	20° 9	19°45	1°42	25°19	6°20	6°11	2°38	6°41	M24
T 25	18 40 42	9°52'16	7♏51	3°32	19°46	4°10	6° 6	20°13	19°45	1°41	25°19	6°20	6° 8	2°44	6°45	T 25
W26	18 44 39	10°49'27	21°51	3° 3	21° 0	4°41	6°19	20°17	19°45	1°41	25°18	6°20	6° 5	2°51	6°49	W26
T 27	18 48 36	11°46'38	5♐42	2°38	22°13	5°12	6°31	20°21	19°45	1°41	25°17	6°21	6° 2	2°58	6°54	T 27
F 28	18 52 32	12°43'50	19°20	2°16	23°27	5°44	6°44	20°25	19°46	1°40	25°16	6°21	5°59	3° 5	6°58	F 28
S 29	18 56 29	13°41'02	2♑45	1°59	24°41	6°16	6°56	20°29	19°46	1°40	25°15	6°R21	5°56	3°11	7° 2	S 29
S 30	19 0 25	14♋38'14	15♑56	1♋46	25♋55	6♎47	7♌ 9	20♍33	19♎47	1♏40	25♒14	6♑21	5♑52	3♈18	7♊ 6	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n53	24s31	1s 8	23n10	0s 1	23n31	0n21	3n15	0n30	20n36	0n42	6n30	2n21	7s16	0n35	10s26	1n53	24s22	12s 4	23s23	23s19	4n42	17n31	3s44
S 2	22 59	23 13	0n 6	22 54	0 15	23 39	0 23	3 4	0 28	20 34	0 42	6 29	2 21	7 16	0 35	10 26	1 53	24 23	12 5	23 23	23 19	4 45	17 32	3 44
M 3	23 4	20 39	1 18	22 38	0 29	23 46	0 26	2 52	0 27	20 31	0 42	6 28	2 20	7 15	0 35	10 26	1 53	24 23	12 5	23 23	23 20	4 47	17 33	3 44
T 4	23 8	17 8	2 24	22 21	0 44	23 52	0 28	2 41	0 25	20 29	0 42	6 27	2 20	7 15	0 35	10 26	1 53	24 24	12 5	23 23	23 20	4 50	17 33	3 44
W 5	23 13	12 55	3 22	22 5	0 59	23 57	0 30	2 29	0 24	20 26	0 42	6 26	2 20	7 15	0 35	10 25	1 53	24 24	12 6	23 23	23 20	4 53	17 34	3 45
T 6	23 16	8 15	4 9	21 49	1 15	24 1	0 33	2 18	0 22	20 24	0 42	6 25	2 20	7 14	0 35	10 25	1 53	24 25	12 6	23 22	23 20	4 56	17 35	3 45
F 7	23 20	3 22	4 44	21 32	1 31	24 5	0 35	2 6	0 21	20 21	0 42	6 24	2 20	7 14	0 35	10 25	1 52	24 25	12 6	23 22	23 20	4 59	17 35	3 45
S 8	23 23	1n35	5 6	21 16	1 47	24 8	0 37	1 54	0 19	20 18	0 42	6 23	2 19	7 14	0 35	10 24	1 52	24 25	12 7	23 22	23 21	5 1	17 36	3 45
S 9	23 25	6 27	5 16	21 0	2 3	24 11	0 39	1 42	0 18	20 16	0 42	6 22	2 19	7 14	0 35	10 24	1 52	24 26	12 7	23 22	23 21	5 4	17 37	3 45
M10	23 27	11 6	5 12	20 45	2 19	24 13	0 41	1 30	0 16	20 13	0 42	6 21	2 19	7 14	0 35	10 24	1 52	24 26	12 7	23 22	23 21	5 7	17 37	3 45
T 11	23 29	15 22	4 54	20 30	2 35	24 14	0 43	1 18	0 15	20 10	0 42	6 19	2 19	7 13	0 35	10 24	1 52	24 27	12 8	23 23	23 21	5 10	17 38	3 46
W12	23 30	19 5	4 23	20 16	2 51	24 14	0 45	1 5	0 14	20 8	0 42	6 18	2 19	7 13	0 35	10 24	1 52	24 27	12 8	23 23	23 21	5 12	17 39	3 46
T 13	23 31	22 1	3 39	20 2	3 6	24 13	0 47	0 53	0 12	20 5	0 42	6 17	2 18	7 13	0 35	10 23	1 52	24 28	12 8	23 23	23 21	5 15	17 39	3 46
F 14	23 32	23 57	2 43	19 49	3 21	24 12	0 49	0 40	0 11	20 2	0 42	6 15	2 18	7 13	0 35	10 23	1 52	24 28	12 9	23 23	23 22	5 18	17 40	3 46
S 15	23 32	24 39	1 38	19 37	3 35	24 10	0 51	0 28	0 9	19 59	0 42	6 14	2 18	7 13	0 35	10 23	1 52	24 29	12 9	23 23	23 22	5 21	17 40	3 46
S 16	23 31	23 58	0 27	19 26	3 48	24 8	0 53	0 15	0 8	19 56	0 42	6 13	2 18	7 13	0 35	10 23	1 52	24 29	12 9	23 23	23 22	5 23	17 41	3 46
M17	23 31	21 53	0s48	19 16	4 0	24 5	0 55	0 2	0 7	19 54	0 42	6 11	2 18	7 13	0 35	10 23	1 52	24 30	12 9	23 23	23 22	5 26	17 42	3 47
T 18	23 29	18 31	2 1	19 7	4 11	24 0	0 57	0s10	0 5	19 51	0 42	6 10	2 17	7 13	0 35	10 23	1 52	24 30	12 10	23 23	23 22	5 29	17 42	3 47
W19	23 28	14 3	3 8	19 0	4 21	23 56	0 59	0 23	0 4	19 48	0 42	6 8	2 17	7 13	0 35	10 22	1 52	24 31	12 10	23 23	23 22	5 32	17 43	3 47
T 20	23 26	8 47	4 5	18 53	4 29	23 50	1 1	0 36	0 3	19 45	0 42	6 7	2 17	7 13	0 35	10 22	1 52	24 31	12 10	23 23	23 22	5 34	17 43	3 47
F 21	23 23	3 3	4 47	18 48	4 36	23 44	1 3	0 50	0 2	19 42	0 42	6 5	2 17	7 13	0 35	10 22	1 52	24 32	12 11	23 23	23 23	5 37	17 44	3 48
S 22	23 21	2s52	5 11	18 44	4 42	23 37	1 4	1 3	0 0	19 39	0 42	6 4	2 17	7 13	0 35	10 22	1 52	24 32	12 11	23 23	23 23	5 40	17 44	3 48
S 23	23 17	8 38	5 16	18 42	4 45	23 30	1 6	1 16	0s 1	19 36	0 42	6 2	2 16	7 13	0 35	10 22	1 52	24 33	12 11	23 23	23 23	5 43	17 45	3 48
M24	23 14	13 55	5 2	18 41	4 47	23 21	1 8	1 29	0 2	19 33	0 42	6 0	2 16	7 13	0 35	10 22	1 52	24 33	12 11	23 23	23 23	5 45	17 45	3 48
T 25	23 10	18 26	4 30	18 41	4 48	23 12	1 9	1 43	0 3	19 30	0 42	5 59	2 16	7 13	0 35	10 22	1 51	24 34	12 12	23 23	23 23	5 48	17 46	3 48
W26	23 5	21 52	3 42	18 43	4 47	23 3	1 11	1 56	0 5	19 27	0 42	5 57	2 16	7 13	0 35	10 22	1 51	24 35	12 12	23 23	23 23	5 51	17 46	3 49
T 27	23 0	23 59	2 42	18 46	4 44	22 52	1 12	2 10	0 6	19 24	0 42	5 55	2 16	7 13	0 35	10 22	1 51	24 35	12 12	23 23	23 24	5 54	17 47	3 49
F 28	22 55	24 39	1 33	18 51	4 40	22 41	1 13	2 23	0 7	19 20	0 42	5 53	2 16	7 14	0 34	10 22	1 51	24 36	12 12	23 23	23 24	5 56	17 47	3 49
S 29	22 49	23 50	0 20	18 57	4 34	22 30	1 15	2 37	0 8	19 17	0 42	5 51	2 15	7 14	0 34	10 22	1 51	24 36	12 13	23 23	23 24	5 59	17 48	3 49
S 30	22n43	21s42	0n53	19n 4	4s27	22n17	1n16	2s51	0s 9	19n14	0n42	5n50	2n15	7s14	0n34	10s22	1n51	24s37	12s13	23s23	23s24	6n 2	17n48	3s50

Julian Day Number = 2197129.5, Delta T = 10m19s
Ecliptic obliquity = 23°31'48, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°01'30, Lahiri = 14°08'31 Julian Calendar 1 June 1303 == Greg. Calendar 9 June 1303

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ASTRODIENST EPHEMERIS for the year 1303
geocentric

JULY 1303 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	19 4 22	15♋35'26	28♉51	1°R39	27♋ 8	7♎20	7♌21	20♍38	19♎47	1°R40	25°R13	6°R21	5♉49	3♈25	7♊11	M 1
T 2	19 8 18	16°32'40	11♒31	1°D37	28°22	7°52	7°34	20°42	19°48	1♏40	25♒13	6♉20	5°46	3°31	7°15	T 2
W 3	19 12 15	17°29'53	23°56	1♋40	29°36	8°24	7°47	20°47	19°48	1°39	25°12	6°18	5°43	3°38	7°19	W 3
T 4	19 16 11	18°27'08	6♓ 9	1°49	0♌50	8°57	7°59	20°51	19°49	1°39	25°11	6°17	5°40	3°45	7°23	T 4
F 5	19 20 8	19°24'23	18°11	2° 4	2° 3	9°30	8°12	20°56	19°50	1°39	25°10	6°15	5°36	3°52	7°27	F 5
S 6	19 24 5	20°21'39	0♈ 7	2°25	3°17	10° 3	8°25	21° 0	19°51	1°39	25° 9	6°14	5°33	3°58	7°31	S 6
S 7	19 28 1	21°18'56	12° 1	2°51	4°31	10°36	8°38	21° 5	19°51	1°D39	25° 8	6°13	5°30	4° 5	7°35	S 7
M 8	19 31 58	22°16'14	23°55	3°24	5°45	11°10	8°51	21°10	19°52	1°39	25° 7	6°D13	5°27	4°12	7°39	M 8
T 9	19 35 54	23°13'33	5♉56	4° 2	6°58	11°43	9° 3	21°15	19°53	1°39	25° 6	6°13	5°24	4°19	7°43	T 9
W10	19 39 51	24°10'53	18° 8	4°46	8°12	12°17	9°16	21°20	19°54	1°39	25° 4	6°14	5°21	4°25	7°47	W10
T 11	19 43 47	25° 8'14	0♊35	5°36	9°26	12°51	9°29	21°25	19°55	1°40	25° 3	6°15	5°17	4°32	7°51	T 11
F 12	19 47 44	26° 5'36	13°21	6°31	10°40	13°25	9°42	21°30	19°56	1°40	25° 2	6°17	5°14	4°39	7°54	F 12
S 13	19 51 40	27° 2'59	26°28	7°32	11°53	14° 0	9°55	21°36	19°57	1°40	25° 1	6°18	5°11	4°45	7°58	S 13
S 14	19 55 37	28° 0'24	9♋57	8°39	13° 7	14°34	10° 8	21°41	19°59	1°40	25° 0	6°R18	5° 8	4°52	8° 2	S 14
M15	19 59 34	28°57'49	23°48	9°51	14°21	15° 9	10°21	21°46	20° 0	1°40	24°59	6°17	5° 5	4°59	8° 6	M15
T 16	20 3 30	29°55'15	7♌59	11° 8	15°35	15°44	10°34	21°52	20° 1	1°41	24°58	6°15	5° 2	5° 6	8° 9	T 16
W17	20 7 27	0♌52'42	22°24	12°31	16°48	16°19	10°47	21°57	20° 2	1°41	24°57	6°12	4°58	5°12	8°13	W17
T 18	20 11 23	1°50'10	6♍57	13°58	18° 2	16°54	11° 0	22° 3	20° 4	1°41	24°56	6° 9	4°55	5°19	8°16	T 18
F 19	20 15 20	2°47'38	21°34	15°30	19°16	17°29	11°13	22° 8	20° 5	1°42	24°54	6° 5	4°52	5°26	8°20	F 19
S 20	20 19 16	3°45'08	6♎ 6	17° 6	20°30	18° 5	11°26	22°14	20° 7	1°42	24°53	6° 3	4°49	5°33	8°23	S 20
S 21	20 23 13	4°42'38	20°30	18°46	21°43	18°41	11°39	22°20	20° 8	1°43	24°52	6° 1	4°46	5°39	8°26	S 21
M22	20 27 9	5°40'09	4♏42	20°30	22°57	19°16	11°52	22°25	20°10	1°43	24°51	6°D 0	4°42	5°46	8°30	M22
T 23	20 31 6	6°37'41	18°40	22°17	24°11	19°52	12° 6	22°31	20°11	1°44	24°50	6° 0	4°39	5°53	8°33	T 23
W24	20 35 3	7°35'14	2♐22	24° 8	25°25	20°29	12°19	22°37	20°13	1°44	24°48	6° 2	4°36	5°59	8°36	W24
T 25	20 38 59	8°32'48	15°51	26° 1	26°38	21° 5	12°32	22°43	20°15	1°45	24°47	6° 3	4°33	6° 6	8°39	T 25
F 26	20 42 56	9°30'23	29° 5	27°56	27°52	21°41	12°45	22°49	20°17	1°45	24°46	6° 4	4°30	6°13	8°42	F 26
S 27	20 46 52	10°27'59	12♑ 7	29°53	29° 6	22°18	12°58	22°55	20°18	1°46	24°45	6°R 4	4°27	6°20	8°45	S 27
S 28	20 50 49	11°25'36	24°56	1♌52	0♍19	22°55	13°11	23° 1	20°20	1°47	24°44	6° 3	4°23	6°26	8°48	S 28
M29	20 54 45	12°23'14	7♒33	3°52	1°33	23°32	13°24	23° 7	20°22	1°47	24°42	5°59	4°20	6°33	8°51	M29
T 30	20 58 42	13°20'53	20° 0	5°53	2°47	24° 9	13°37	23°13	20°24	1°48	24°41	5°55	4°17	6°40	8°54	T 30
W31	21 2 38	14♌18'34	2♓16	7♌55	4♍ 0	24♎46	13♌51	23♍20	20♎26	1♏49	24♒40	5♉48	4♉14	6♈47	8♊57	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	22n37	18s29	2n 1	19n12	4s19	22n 4	1n17	3s 5	0s10	19n11	0n42	5n48	2n15	7s14	0n34	10s22	1n51	24s37	12s13	23s23	23s24	6n 4	17n49	3s50
T 2	22 30	14 28	3 2	19 21	4 10	21 51	1 19	3 18	0 11	19 8	0 42	5 46	2 15	7 14	0 34	10 22	1 51	24 38	12 13	23 23	23 24	6 7	17 49	3 50
W 3	22 23	9 55	3 54	19 32	3 59	21 37	1 20	3 32	0 13	19 4	0 42	5 44	2 15	7 15	0 34	10 22	1 51	24 38	12 14	23 23	23 24	6 10	17 49	3 50
T 4	22 15	5 3	4 33	19 43	3 48	21 22	1 21	3 46	0 14	19 1	0 42	5 42	2 14	7 15	0 34	10 22	1 51	24 39	12 14	23 23	23 24	6 13	17 50	3 51
F 5	22 7	0 5	5 0	19 55	3 36	21 6	1 22	4 0	0 15	18 58	0 42	5 40	2 14	7 15	0 34	10 22	1 51	24 39	12 14	23 23	23 25	6 15	17 50	3 51
S 6	21 59	4n51	5 14	20 7	3 23	20 50	1 23	4 14	0 16	18 55	0 42	5 38	2 14	7 16	0 34	10 22	1 51	24 40	12 14	23 23	23 25	6 18	17 51	3 51
S 7	21 50	9 35	5 14	20 20	3 10	20 34	1 24	4 28	0 17	18 51	0 42	5 36	2 14	7 16	0 34	10 22	1 51	24 41	12 15	23 23	23 25	6 21	17 51	3 52
M 8	21 41	13 58	5 1	20 33	2 56	20 16	1 25	4 42	0 18	18 48	0 43	5 34	2 14	7 16	0 34	10 22	1 51	24 41	12 15	23 23	23 25	6 23	17 51	3 52
T 9	21 31	17 51	4 34	20 47	2 42	19 58	1 25	4 57	0 19	18 45	0 43	5 32	2 14	7 17	0 34	10 22	1 51	24 42	12 15	23 23	23 25	6 26	17 52	3 52
W10	21 21	21 3	3 55	21 0	2 27	19 40	1 26	5 11	0 20	18 41	0 43	5 30	2 14	7 17	0 34	10 22	1 51	24 42	12 15	23 23	23 25	6 29	17 52	3 52
T 11	21 11	23 21	3 4	21 13	2 12	19 21	1 27	5 25	0 21	18 38	0 43	5 27	2 13	7 18	0 34	10 22	1 51	24 43	12 15	23 23	23 25	6 32	17 52	3 53
F 12	21 1	24 31	2 3	21 25	1 57	19 2	1 27	5 39	0 22	18 34	0 43	5 25	2 13	7 18	0 34	10 22	1 50	24 43	12 16	23 23	23 26	6 34	17 53	3 53
S 13	20 50	24 23	0 54	21 37	1 42	18 42	1 28	5 54	0 23	18 31	0 43	5 23	2 13	7 18	0 34	10 22	1 50	24 44	12 16	23 23	23 26	6 37	17 53	3 53
S 14	20 38	22 49	0s20	21 48	1 27	18 21	1 28	6 8	0 24	18 27	0 43	5 21	2 13	7 19	0 34	10 22	1 50	24 45	12 16	23 23	23 26	6 40	17 53	3 54
M15	20 27	19 52	1 35	21 58	1 12	18 0	1 29	6 22	0 25	18 24	0 43	5 19	2 13	7 19	0 34	10 23	1 50	24 45	12 16	23 23	23 26	6 42	17 53	3 54
T 16	20 15	15 41	2 45	22 6	0 57	17 38	1 29	6 37	0 26	18 21	0 43	5 16	2 13	7 20	0 34	10 23	1 50	24 46	12 16	23 23	23 26	6 45	17 54	3 54
W17	20 2	10 32	3 46	22 14	0 43	17 16	1 29	6 51	0 27	18 17	0 43	5 14	2 13	7 21	0 34	10 23	1 50	24 46	12 17	23 23	23 26	6 48	17 54	3 54
T 18	19 50	4 45	4 34	22 19	0 29	16 54	1 29	7 6	0 28	18 13	0 43	5 12	2 12	7 21	0 34	10 23	1 50	24 47	12 17	23 23	23 26	6 50	17 54	3 55
F 19	19 37	1s17	5 3	22 22	0 15	16 31	1 30	7 20	0 29	18 10	0 43	5 9	2 12	7 22	0 34	10 23	1 50	24 47	12 17	23 23	23 26	6 53	17 54	3 55
S 20	19 23	7 13	5 13	22 24	0 2	16 8	1 30	7 35	0 30	18 6	0 43	5 7	2 12	7 22	0 34	10 23	1 50	24 48	12 17	23 23	23 27	6 56	17 55	3 55
S 21	19 9	12 43	5 3	22 23	0n11	15 44	1 30	7 49	0 31	18 3	0 43	5 5	2 12	7 23	0 34	10 24	1 50	24 49	12 17	23 24	23 27	6 58	17 55	3 56
M22	18 56	17 27	4 35	22 20	0 23	15 20	1 29	8 4	0 32	17 59	0 43	5 2	2 12	7 23	0 34	10 24	1 50	24 49	12 17	23 24	23 27	7 1	17 55	3 56
T 23	18 41	21 8	3 51	22 14	0 34	14 55	1 29	8 18	0 33	17 56	0 43	5 0	2 12	7 24	0 34	10 24	1 50	24 50	12 17	23 24	23 27	7 4	17 55	3 56
W24	18 27	23 33	2 54	22 6	0 44	14 30	1 29	8 33	0 33	17 52	0 43	4 57	2 12	7 25	0 34	10 24	1 50	24 50	12 18	23 24	23 27	7 6	17 55	3 57
T 25	18 12	24 34	1 48	21 55	0 54	14 4	1 29	8 47	0 34	17 48	0 43	4 55	2 12	7 25	0 33	10 25	1 50	24 51	12 18	23 23	23 27	7 9	17 56	3 57
F 26	17 56	24 10	0 38	21 41	1 3	13 39	1 28	9 2	0 35	17 45	0 44	4 52	2 11	7 26	0 33	10 25	1 50	24 51	12 18	23 23	23 27	7 12	17 56	3 57
S 27	17 41	22 26	0n33	21 25	1 11	13 12	1 28	9 16	0 36	17 41	0 44	4 50	2 11	7 27	0 33	10 25	1 50	24 52	12 18	23 23	23 27	7 14	17 56	3 58
S 28	17 25	19 34	1 41	21 5	1 18	12 46	1 28	9 31	0 37	17 37	0 44	4 47	2 11	7 28	0 33	10 25	1 50	24 52	12 18	23 23	23 27	7 17	17 56	3 58
M29	17 9	15 50	2 43	20 44	1 25	12 19	1 27	9 45	0 38	17 34	0 44	4 45	2 11	7 28	0 33	10 26	1 49	24 53	12 18	23 24	23 28	7 20	17 56	3 58
T 30	16 53	11 27	3 36	20 20	1 30	11 52	1 26	10 0	0 39	17 30	0 44	4 42	2 11	7 29	0 33	10 26	1 49	24 53	12 18	23 24	23 28	7 22	17 56	3 59
W31	16n36	6s41	4n18	19n53	1n35	11n24	1n26	10s14	0s39	17n26	0n44	4n40	2n11	7s30	0n33	10s26	1n49	24s54	12s18	23s24	23s28	7n25	17n56	3s59

Julian Day Number = 2197159.5, Delta T = 10m19s
Ecliptic obliquity = 23°31'47, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°01'35, Lahiri = 14°08'35 Julian Calendar 1 July 1303 == Greg. Calendar 9 July 1303

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ASTRODIENST EPHEMERIS for the year 1303
geocentric

AUGUST 1303 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	21 6 35	15♌16'16	14♓23	9♌56	5♍14	25♎23	14♌ 4	23♍26	20♎28	1♏50	24°R38	5°R41	4♑11	6♈53	9♊ 0	T 1
F 2	21 10 32	16°14'00	26°22	11°58	6°28	26° 0	14°17	23°32	20°30	1°51	24♒37	5♑34	4° 7	7° 0	9° 2	F 2
S 3	21 14 28	17°11'45	8♈16	13°59	7°41	26°38	14°30	23°39	20°32	1°51	24°36	5°28	4° 4	7° 7	9° 5	S 3
S 4	21 18 25	18° 9'32	20° 8	16° 0	8°55	27°16	14°43	23°45	20°35	1°52	24°35	5°22	4° 1	7°13	9° 8	S 4
M 5	21 22 21	19° 7'21	2♉ 1	18° 0	10° 9	27°54	14°56	23°51	20°37	1°53	24°33	5°19	3°58	7°20	9°10	M 5
T 6	21 26 18	20° 5'11	14° 0	19°59	11°22	28°31	15° 9	23°58	20°39	1°54	24°32	5°17	3°55	7°27	9°13	T 6
W 7	21 30 14	21° 3'03	26° 9	21°57	12°36	29°10	15°22	24° 5	20°41	1°55	24°31	5°D17	3°52	7°34	9°15	W 7
T 8	21 34 11	22° 0'58	8♊34	23°54	13°49	29°48	15°35	24°11	20°44	1°56	24°30	5°18	3°48	7°40	9°17	T 8
F 9	21 38 7	22°58'54	21°18	25°51	15° 3	0♏26	15°48	24°18	20°46	1°57	24°28	5°19	3°45	7°47	9°20	F 9
S 10	21 42 4	23°56'51	4♋27	27°46	16°17	1° 5	16° 2	24°24	20°48	1°58	24°27	5°R20	3°42	7°54	9°22	S 10
S 11	21 46 1	24°54'51	18° 1	29°40	17°30	1°43	16°15	24°31	20°51	1°59	24°26	5°19	3°39	8° 0	9°24	S 11
M12	21 49 57	25°52'53	2♌ 3	1♍32	18°44	2°22	16°28	24°38	20°53	2° 1	24°24	5°17	3°36	8° 7	9°26	M12
T 13	21 53 54	26°50'56	16°30	3°24	19°57	3° 1	16°41	24°45	20°56	2° 2	24°23	5°12	3°33	8°14	9°28	T 13
W14	21 57 50	27°49'01	1♍17	5°14	21°11	3°40	16°54	24°51	20°59	2° 3	24°22	5° 5	3°29	8°21	9°30	W14
T 15	22 1 47	28°47'07	16°16	7° 3	22°25	4°19	17° 7	24°58	21° 1	2° 4	24°21	4°57	3°26	8°27	9°32	T 15
F 16	22 5 43	29°45'15	1♎17	8°50	23°38	4°58	17°20	25° 5	21° 4	2° 5	24°19	4°49	3°23	8°34	9°34	F 16
S 17	22 9 40	0♍43'25	16°12	10°37	24°52	5°38	17°33	25°12	21° 7	2° 7	24°18	4°41	3°20	8°41	9°36	S 17
S 18	22 13 36	1°41'36	0♏53	12°22	26° 5	6°17	17°46	25°19	21° 9	2° 8	24°17	4°36	3°17	8°48	9°37	S 18
M19	22 17 33	2°39'49	15°13	14° 6	27°19	6°57	17°58	25°26	21°12	2° 9	24°15	4°32	3°13	8°54	9°39	M19
T 20	22 21 30	3°38'03	29°12	15°49	28°32	7°36	18°11	25°33	21°15	2°11	24°14	4°D31	3°10	9° 1	9°40	T 20
W21	22 25 26	4°36'19	12♐49	17°31	29°46	8°16	18°24	25°40	21°18	2°12	24°13	4°31	3° 7	9° 8	9°42	W21
T 22	22 29 23	5°34'36	26° 5	19°11	0♎59	8°56	18°37	25°47	21°21	2°13	24°12	4°32	3° 4	9°14	9°43	T 22
F 23	22 33 19	6°32'55	9♑ 4	20°50	2°13	9°36	18°50	25°54	21°23	2°15	24°10	4°R32	3° 1	9°21	9°45	F 23
S 24	22 37 16	7°31'16	21°48	22°29	3°26	10°17	19° 3	26° 1	21°26	2°16	24° 9	4°30	2°58	9°28	9°46	S 24
S 25	22 41 12	8°29'38	4♒19	24° 6	4°40	10°57	19°15	26° 8	21°29	2°18	24° 8	4°27	2°54	9°35	9°47	S 25
M26	22 45 9	9°28'02	16°41	25°42	5°53	11°37	19°28	26°16	21°32	2°19	24° 7	4°20	2°51	9°41	9°48	M26
T 27	22 49 5	10°26'27	28°54	27°16	7° 6	12°18	19°41	26°23	21°35	2°21	24° 5	4°11	2°48	9°48	9°49	T 27
W28	22 53 2	11°24'55	11♓ 0	28°50	8°20	12°58	19°53	26°30	21°38	2°22	24° 4	4° 0	2°45	9°55	9°50	W28
T 29	22 56 59	12°23'24	23° 0	0♎23	9°33	13°39	20° 6	26°37	21°42	2°24	24° 3	3°47	2°42	10° 1	9°51	T 29
F 30	23 0 55	13°21'55	4♈55	1°54	10°46	14°20	20°19	26°44	21°45	2°25	24° 2	3°34	2°39	10° 8	9°52	F 30
S 31	23 4 52	14♍20'28	16♈48	3♎25	12♎ 0	15♏ 1	20♌31	26♍52	21♎48	2♏27	24♒ 1	3♑22	2♑35	10♈15	9♊53	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	16n19	1s44	4n48	19n25	1n39	10n57	1n25	10s29	0s40	17n22	0n44	4n37	2n11	7s31	0n33	10s27	1n49	24s55	12s19	23s24	23s28	7n28	17n56	4s 0
F 2	16 2	3n13	5 5	18 54	1 42	10 28	1 24	10 43	0 41	17 19	0 44	4 34	2 11	7 32	0 33	10 27	1 49	24 55	12 19	23 25	23 28	7 30	17 56	4 0
S 3	15 44	8 1	5 8	18 21	1 44	10 0	1 23	10 58	0 42	17 15	0 44	4 32	2 11	7 32	0 33	10 27	1 49	24 56	12 19	23 25	23 28	7 33	17 56	4 0
S 4	15 27	12 30	4 59	17 47	1 45	9 32	1 22	11 12	0 43	17 11	0 44	4 29	2 11	7 33	0 33	10 28	1 49	24 56	12 19	23 25	23 28	7 35	17 56	4 1
M 5	15 9	16 32	4 36	17 11	1 46	9 3	1 21	11 26	0 43	17 7	0 44	4 27	2 10	7 34	0 33	10 28	1 49	24 57	12 19	23 25	23 28	7 38	17 56	4 1
T 6	14 51	19 56	4 1	16 33	1 46	8 34	1 20	11 41	0 44	17 3	0 44	4 24	2 10	7 35	0 33	10 29	1 49	24 57	12 19	23 25	23 28	7 41	17 56	4 1
W 7	14 32	22 32	3 15	15 55	1 46	8 4	1 19	11 55	0 45	17 0	0 44	4 21	2 10	7 36	0 33	10 29	1 49	24 58	12 19	23 25	23 28	7 43	17 56	4 2
T 8	14 13	24 6	2 19	15 15	1 44	7 35	1 18	12 9	0 46	16 56	0 44	4 19	2 10	7 37	0 33	10 29	1 49	24 58	12 19	23 25	23 28	7 46	17 56	4 2
F 9	13 54	24 29	1 15	14 34	1 43	7 5	1 16	12 24	0 46	16 52	0 45	4 16	2 10	7 38	0 33	10 30	1 49	24 59	12 19	23 25	23 29	7 49	17 56	4 2
S 10	13 35	23 32	0 5	13 52	1 40	6 35	1 15	12 38	0 47	16 48	0 45	4 13	2 10	7 39	0 33	10 30	1 49	24 59	12 19	23 25	23 29	7 51	17 56	4 3
S 11	13 16	21 11	1s 8	13 9	1 38	6 5	1 13	12 52	0 48	16 44	0 45	4 10	2 10	7 40	0 33	10 31	1 49	25 0	12 19	23 25	23 29	7 54	17 56	4 3
M12	12 56	17 32	2 19	12 26	1 34	5 35	1 12	13 6	0 49	16 41	0 45	4 8	2 10	7 41	0 33	10 31	1 49	25 0	12 19	23 25	23 29	7 56	17 56	4 4
T 13	12 37	12 44	3 23	11 42	1 31	5 4	1 10	13 20	0 49	16 37	0 45	4 5	2 10	7 42	0 33	10 31	1 49	25 1	12 19	23 26	23 29	7 59	17 56	4 4
W14	12 17	7 6	4 14	10 58	1 26	4 34	1 9	13 34	0 50	16 33	0 45	4 2	2 10	7 43	0 33	10 32	1 49	25 1	12 19	23 26	23 29	8 2	17 56	4 4
T 15	11 56	1 0	4 49	10 13	1 22	4 3	1 7	13 48	0 51	16 29	0 45	3 59	2 10	7 44	0 33	10 32	1 48	25 2	12 19	23 26	23 29	8 4	17 56	4 5
F 16	11 36	5s10	5 5	9 28	1 17	3 32	1 5	14 2	0 51	16 25	0 45	3 56	2 10	7 45	0 33	10 33	1 48	25 2	12 19	23 27	23 29	8 7	17 56	4 5
S 17	11 15	11 0	4 59	8 43	1 12	3 1	1 3	14 16	0 52	16 21	0 45	3 54	2 10	7 46	0 33	10 33	1 48	25 3	12 19	23 27	23 29	8 9	17 56	4 6
S 18	10 55	16 6	4 34	7 58	1 6	2 30	1 2	14 30	0 53	16 17	0 45	3 51	2 10	7 47	0 33	10 34	1 48	25 3	12 19	23 27	23 29	8 12	17 55	4 6
M19	10 34	20 9	3 52	7 12	1 0	1 59	1 0	14 43	0 53	16 13	0 46	3 48	2 9	7 48	0 33	10 34	1 48	25 3	12 19	23 27	23 29	8 15	17 55	4 6
T 20	10 13	22 56	2 57	6 27	0 54	1 28	0 58	14 57	0 54	16 10	0 46	3 45	2 9	7 49	0 33	10 35	1 48	25 4	12 19	23 27	23 30	8 17	17 55	4 7
W21	9 51	24 18	1 53	5 42	0 48	0 57	0 56	15 11	0 55	16 6	0 46	3 42	2 9	7 50	0 33	10 35	1 48	25 4	12 19	23 27	23 30	8 20	17 55	4 7
T 22	9 30	24 13	0 45	4 56	0 42	0 25	0 53	15 24	0 55	16 2	0 46	3 40	2 9	7 51	0 33	10 36	1 48	25 5	12 19	23 27	23 30	8 22	17 55	4 8
F 23	9 9	22 49	0n24	4 11	0 35	0s 6	0 51	15 38	0 56	15 58	0 46	3 37	2 9	7 52	0 33	10 36	1 48	25 5	12 19	23 27	23 30	8 25	17 54	4 8
S 24	8 47	20 16	1 31	3 26	0 28	0 37	0 49	15 51	0 56	15 54	0 46	3 34	2 9	7 53	0 33	10 37	1 48	25 6	12 19	23 27	23 30	8 27	17 54	4 8
S 25	8 25	16 48	2 32	2 41	0 21	1 9	0 47	16 4	0 57	15 50	0 46	3 31	2 9	7 54	0 33	10 38	1 48	25 6	12 19	23 27	23 30	8 30	17 54	4 9
M26	8 3	12 39	3 24	1 56	0 14	1 40	0 45	16 17	0 58	15 46	0 46	3 28	2 9	7 56	0 33	10 38	1 48	25 6	12 19	23 28	23 30	8 33	17 54	4 9
T 27	7 41	8 3	4 7	1 12	0 7	2 11	0 42	16 30	0 58	15 42	0 46	3 25	2 9	7 57	0 32	10 39	1 48	25 7	12 19	23 28	23 30	8 35	17 54	4 10
W28	7 19	3 11	4 38	0 27	0s 1	2 42	0 40	16 43	0 59	15 38	0 46	3 22	2 9	7 58	0 32	10 39	1 48	25 7	12 19	23 28	23 30	8 38	17 53	4 10
T 29	6 56	1n44	4 56	0s16	0 8	3 14	0 37	16 56	0 59	15 34	0 47	3 19	2 9	7 59	0 32	10 40	1 48	25 7	12 19	23 29	23 30	8 40	17 53	4 10
F 30	6 34	6 34	5 1	1 0	0 16	3 45	0 35	17 9	1 0	15 31	0 47	3 16	2 9	8 0	0 32	10 40	1 48	25 8	12 19	23 29	23 30	8 43	17 53	4 11
S 31	6n11	11n 8	4n53	1s43	0s23	4s16	0n32	17s22	1s 0	15n27	0n47	3n14	2n 9	8s 1	0n32	10s41	1n48	25s 8	12s19	23s29	23s30	8n45	17n52	4s11

Julian Day Number = 2197190.5, Delta T = 10m19s
Ecliptic obliquity = 23°31'48, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°01'39, Lahiri = 14°08'39 Julian Calendar 1 Aug. 1303 == Greg. Calendar 9 Aug. 1303

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ASTRODIENST EPHEMERIS for the year 1303
geocentric

SEPTEMBER 1303 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	23 8 48	15♍19'04	28♈39	4♎54	13♎13	15♏42	20♌44	26♍59	21♎51	2♏29	23°R59	3°R12	2♉32	10♈22	9♊53	S 1
M 2	23 12 45	16°17'41	10♉31	6°23	14°26	16°23	20°56	27° 6	21°54	2°30	23♒58	3♉ 4	2°29	10°28	9°54	M 2
T 3	23 16 41	17°16'21	22°29	7°50	15°40	17° 4	21° 9	27°13	21°57	2°32	23°57	2°59	2°26	10°35	9°55	T 3
W 4	23 20 38	18°15'03	4♊36	9°16	16°53	17°45	21°21	27°21	22° 1	2°34	23°56	2°57	2°23	10°42	9°55	W 4
T 5	23 24 34	19°13'48	16°56	10°41	18° 6	18°27	21°33	27°28	22° 4	2°36	23°55	2°D56	2°19	10°49	9°55	T 5
F 6	23 28 31	20°12'35	29°36	12° 5	19°19	19° 8	21°46	27°35	22° 7	2°37	23°54	2°R56	2°16	10°55	9°56	F 6
S 7	23 32 27	21°11'24	12♋39	13°28	20°33	19°50	21°58	27°43	22°11	2°39	23°53	2°56	2°13	11° 2	9°56	S 7
S 8	23 36 24	22°10'15	26°10	14°50	21°46	20°32	22°10	27°50	22°14	2°41	23°51	2°54	2°10	11° 9	9°56	S 8
M 9	23 40 21	23° 9'08	10♌10	16°10	22°59	21°14	22°22	27°57	22°17	2°43	23°50	2°50	2° 7	11°15	9°56	M 9
T 10	23 44 17	24° 8'04	24°40	17°29	24°12	21°56	22°34	28° 5	22°21	2°45	23°49	2°43	2° 4	11°22	9°R56	T 10
W11	23 48 14	25° 7'02	9♍34	18°47	25°25	22°38	22°46	28°12	22°24	2°46	23°48	2°34	2° 0	11°29	9°56	W11
T 12	23 52 10	26° 6'02	24°46	20° 4	26°39	23°20	22°58	28°19	22°28	2°48	23°47	2°23	1°57	11°36	9°56	T 12
F 13	23 56 7	27° 5'04	10♎ 4	21°19	27°52	24° 2	23°10	28°27	22°31	2°50	23°46	2°12	1°54	11°42	9°56	F 13
S 14	0 0 3	28° 4'08	25°18	22°32	29° 5	24°44	23°22	28°34	22°35	2°52	23°45	2° 2	1°51	11°49	9°56	S 14
S 15	0 4 0	29° 3'15	10♏16	23°44	0♏18	25°27	23°34	28°41	22°38	2°54	23°44	1°54	1°48	11°56	9°55	S 15
M16	0 7 56	0♎ 2'23	24°51	24°54	1°31	26° 9	23°46	28°49	22°42	2°56	23°43	1°48	1°44	12° 2	9°55	M16
T 17	0 11 53	1° 1'32	9♐ 0	26° 2	2°44	26°52	23°57	28°56	22°45	2°58	23°42	1°45	1°41	12° 9	9°54	T 17
W18	0 15 50	2° 0'44	22°41	27° 8	3°57	27°35	24° 9	29° 4	22°49	3° 0	23°41	1°44	1°38	12°16	9°54	W18
T 19	0 19 46	2°59'58	5♑56	28°12	5°10	28°17	24°20	29°11	22°53	3° 2	23°40	1°44	1°35	12°23	9°53	T 19
F 20	0 23 43	3°59'13	18°49	29°14	6°23	29° 0	24°32	29°18	22°56	3° 4	23°39	1°43	1°32	12°29	9°53	F 20
S 21	0 27 39	4°58'30	1♒24	0♏13	7°36	29°43	24°43	29°26	23° 0	3° 6	23°38	1°41	1°29	12°36	9°52	S 21
S 22	0 31 36	5°57'49	13°46	1° 9	8°49	0♐26	24°55	29°33	23° 3	3° 8	23°37	1°37	1°25	12°43	9°51	S 22
M23	0 35 32	6°57'09	25°56	2° 2	10° 2	1° 9	25° 6	29°40	23° 7	3°10	23°37	1°30	1°22	12°50	9°50	M23
T 24	0 39 29	7°56'32	7♓59	2°52	11°15	1°53	25°17	29°48	23°11	3°12	23°36	1°19	1°19	12°56	9°49	T 24
W25	0 43 25	8°55'56	19°57	3°38	12°27	2°36	25°28	29°55	23°14	3°14	23°35	1° 7	1°16	13° 3	9°48	W25
T 26	0 47 22	9°55'22	1♈52	4°20	13°40	3°19	25°39	0♎ 2	23°18	3°16	23°34	0°53	1°13	13°10	9°47	T 26
F 27	0 51 19	10°54'51	13°45	4°58	14°53	4° 3	25°50	0° 9	23°22	3°18	23°33	0°38	1°10	13°16	9°45	F 27
S 28	0 55 15	11°54'21	25°37	5°31	16° 6	4°46	26° 1	0°17	23°25	3°20	23°32	0°25	1° 6	13°23	9°44	S 28
S 29	0 59 12	12°53'54	7♉30	5°59	17°19	5°30	26°12	0°24	23°29	3°23	23°32	0°13	1° 3	13°30	9°43	S 29
M30	1 3 8	13♎53'29	19♉26	6♏21	18♏31	6♐14	26♌23	0♎31	23♎33	3♏25	23♒31	0♉ 4	1♉ 0	13♈37	9♊41	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	5n48	15n16	4n33	2s26	0s31	4s47	0n30	17s34	1s 1	15n23	0n47	3n11	2n 9	8s 3	0n32	10s42	1n48	25s 9	12s19	23s29	23s30	8n48	17n52	4s12
M 2	5 26	18 50	4 0	3 8	0 39	5 18	0 27	17 47	1 2	15 19	0 47	3 8	2 9	8 4	0 32	10 42	1 48	25 9	12 19	23 30	23 30	8 51	17 52	4 12
T 3	5 3	21 38	3 17	3 50	0 46	5 49	0 24	17 59	1 2	15 15	0 47	3 5	2 9	8 5	0 32	10 43	1 48	25 9	12 19	23 30	23 30	8 53	17 51	4 12
W 4	4 40	23 30	2 24	4 31	0 54	6 20	0 22	18 12	1 3	15 11	0 47	3 2	2 9	8 6	0 32	10 43	1 48	25 10	12 19	23 30	23 31	8 56	17 51	4 13
T 5	4 17	24 16	1 24	5 12	1 2	6 50	0 19	18 24	1 3	15 7	0 47	2 59	2 9	8 8	0 32	10 44	1 47	25 10	12 19	23 30	23 31	8 58	17 51	4 13
F 6	3 54	23 49	0 18	5 52	1 10	7 21	0 16	18 36	1 4	15 3	0 48	2 56	2 9	8 9	0 32	10 45	1 47	25 10	12 19	23 30	23 31	9 1	17 50	4 14
S 7	3 30	22 5	0s51	6 31	1 17	7 51	0 13	18 48	1 4	15 0	0 48	2 53	2 9	8 10	0 32	10 45	1 47	25 10	12 18	23 30	23 31	9 3	17 50	4 14
S 8	3 7	19 2	2 0	7 10	1 25	8 21	0 10	18 59	1 5	14 56	0 48	2 50	2 9	8 11	0 32	10 46	1 47	25 11	12 18	23 30	23 31	9 6	17 50	4 15
M 9	2 44	14 49	3 3	7 48	1 32	8 51	0 8	19 11	1 5	14 52	0 48	2 47	2 9	8 13	0 32	10 47	1 47	25 11	12 18	23 30	23 31	9 8	17 49	4 15
T 10	2 20	9 37	3 57	8 26	1 40	9 21	0 5	19 22	1 6	14 48	0 48	2 44	2 9	8 14	0 32	10 47	1 47	25 11	12 18	23 30	23 31	9 11	17 49	4 15
W11	1 57	3 44	4 37	9 2	1 47	9 51	0 2	19 34	1 6	14 44	0 48	2 41	2 9	8 15	0 32	10 48	1 47	25 12	12 18	23 30	23 31	9 13	17 48	4 16
T 12	1 33	2s28	4 58	9 38	1 55	10 20	0s 1	19 45	1 6	14 40	0 48	2 39	2 9	8 17	0 32	10 49	1 47	25 12	12 18	23 30	23 31	9 16	17 48	4 16
F 13	1 10	8 33	4 57	10 13	2 2	10 49	0 4	19 56	1 7	14 37	0 49	2 36	2 9	8 18	0 32	10 49	1 47	25 12	12 18	23 31	23 31	9 18	17 48	4 17
S 14	0 46	14 6	4 36	10 48	2 9	11 18	0 7	20 7	1 7	14 33	0 49	2 33	2 9	8 19	0 32	10 50	1 47	25 12	12 18	23 31	23 31	9 21	17 47	4 17
S 15	0 23	18 41	3 56	11 21	2 16	11 47	0 10	20 18	1 8	14 29	0 49	2 30	2 9	8 21	0 32	10 51	1 47	25 13	12 17	23 31	23 31	9 23	17 47	4 17
M16	0s 1	21 59	3 1	11 53	2 22	12 15	0 13	20 28	1 8	14 25	0 49	2 27	2 9	8 22	0 32	10 51	1 47	25 13	12 17	23 31	23 31	9 26	17 46	4 18
T 17	0 25	23 49	1 57	12 24	2 29	12 43	0 16	20 39	1 9	14 21	0 49	2 24	2 9	8 23	0 32	10 52	1 47	25 13	12 17	23 31	23 31	9 28	17 46	4 18
W18	0 48	24 7	0 48	12 54	2 35	13 11	0 19	20 49	1 9	14 18	0 49	2 21	2 9	8 25	0 32	10 53	1 47	25 13	12 17	23 31	23 31	9 31	17 45	4 19
T 19	1 12	23 2	0n22	13 23	2 41	13 39	0 22	20 59	1 9	14 14	0 49	2 18	2 9	8 26	0 32	10 54	1 47	25 13	12 17	23 31	23 31	9 33	17 45	4 19
F 20	1 35	20 44	1 29	13 50	2 47	14 6	0 26	21 9	1 10	14 10	0 50	2 15	2 9	8 27	0 32	10 54	1 47	25 13	12 17	23 31	23 31	9 36	17 44	4 20
S 21	1 59	17 29	2 30	14 16	2 52	14 33	0 29	21 19	1 10	14 7	0 50	2 12	2 9	8 29	0 32	10 55	1 47	25 14	12 17	23 31	23 31	9 38	17 44	4 20
S 22	2 23	13 32	3 22	14 41	2 57	15 0	0 32	21 28	1 11	14 3	0 50	2 10	2 10	8 30	0 32	10 56	1 47	25 14	12 16	23 31	23 31	9 41	17 43	4 20
M23	2 46	9 5	4 5	15 4	3 1	15 26	0 35	21 37	1 11	13 59	0 50	2 7	2 10	8 31	0 32	10 56	1 47	25 14	12 16	23 31	23 31	9 43	17 43	4 21
T 24	3 10	4 21	4 36	15 25	3 5	15 52	0 38	21 47	1 11	13 56	0 50	2 4	2 10	8 33	0 32	10 57	1 47	25 14	12 16	23 31	23 31	9 46	17 42	4 21
W25	3 33	0n31	4 54	15 44	3 9	16 17	0 41	21 56	1 12	13 52	0 50	2 1	2 10	8 34	0 32	10 58	1 47	25 14	12 16	23 32	23 31	9 48	17 42	4 22
T 26	3 57	5 19	5 0	16 1	3 12	16 42	0 44	22 4	1 12	13 48	0 50	1 58	2 10	8 36	0 32	10 59	1 47	25 14	12 16	23 32	23 31	9 51	17 41	4 22
F 27	4 20	9 55	4 52	16 16	3 14	17 7	0 47	22 13	1 12	13 45	0 51	1 55	2 10	8 37	0 32	10 59	1 47	25 14	12 16	23 32	23 31	9 53	17 40	4 22
S 28	4 43	14 9	4 32	16 29	3 16	17 31	0 50	22 22	1 13	13 41	0 51	1 52	2 10	8 38	0 32	11 0	1 47	25 15	12 15	23 32	23 32	9 56	17 40	4 23
S 29	5 7	17 50	4 0	16 39	3 16	17 55	0 53	22 30	1 13	13 38	0 51	1 50	2 10	8 40	0 32	11 1	1 47	25 15	12 15	23 32	23 32	9 58	17 39	4 23
M30	5s30	20n48	3n17	16s46	3s16	18s18	0s56	22s38	1s13	13n34	0n51	1n47	2n10	8s41	0n32	11s 2	1n47	25s15	12s15	23s32	23s32	10n 1	17n39	4s24

Julian Day Number = 2197221.5, Delta T = 10m18s
Ecliptic obliquity = 23°31'48, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°01'43, Lahiri = 14°08'44 Julian Calendar 1 Sept. 1303 == Greg. Calendar 9 Sept. 1303

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ASTRODIENST EPHEMERIS for the year 1303
geocentric

OCTOBER 1303 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	1 7 5	14♎53'06	1♊27	6♏36	19♏44	6♐57	26♌34	0♎38	23♎37	3♏27	23°R30	29°R58	0♉57	13♈43	9°R40	T 1
W 2	1 11 1	15°52'45	13°36	6°45	20°57	7°41	26°44	0°46	23°40	3°29	23♒30	29♐55	0°54	13°50	9♊38	W 2
T 3	1 14 58	16°52'27	25°57	6°R46	22° 9	8°25	26°55	0°53	23°44	3°31	23°29	29°D54	0°50	13°57	9°37	T 3
F 4	1 18 54	17°52'10	8♋34	6°39	23°22	9° 9	27° 5	1° 0	23°48	3°33	23°28	29°54	0°47	14° 3	9°35	F 4
S 5	1 22 51	18°51'57	21°32	6°24	24°34	9°53	27°15	1° 7	23°52	3°36	23°28	29°R54	0°44	14°10	9°33	S 5
S 6	1 26 48	19°51'45	4♌55	6° 0	25°47	10°37	27°26	1°14	23°55	3°38	23°27	29°53	0°41	14°17	9°31	S 6
M 7	1 30 44	20°51'36	18°46	5°27	26°59	11°22	27°36	1°21	23°59	3°40	23°26	29°50	0°38	14°24	9°30	M 7
T 8	1 34 41	21°51'29	3♍ 5	4°45	28°12	12° 6	27°46	1°28	24° 3	3°42	23°26	29°44	0°35	14°30	9°28	T 8
W 9	1 38 37	22°51'24	17°51	3°54	29°24	12°50	27°56	1°36	24° 7	3°44	23°25	29°37	0°31	14°37	9°26	W 9
T 10	1 42 34	23°51'21	2♎58	2°55	0♐37	13°35	28° 6	1°43	24°10	3°47	23°25	29°27	0°28	14°44	9°23	T 10
F 11	1 46 30	24°51'20	18°16	1°49	1°49	14°19	28°15	1°50	24°14	3°49	23°24	29°17	0°25	14°50	9°21	F 11
S 12	1 50 27	25°51'22	3♏34	0°38	3° 2	15° 4	28°25	1°56	24°18	3°51	23°24	29° 8	0°22	14°57	9°19	S 12
S 13	1 54 23	26°51'25	18°40	29♎22	4°14	15°49	28°34	2° 3	24°22	3°53	23°23	29° 0	0°19	15° 4	9°17	S 13
M14	1 58 20	27°51'30	3♐27	28° 4	5°26	16°33	28°44	2°10	24°25	3°56	23°23	28°55	0°16	15°11	9°14	M14
T 15	2 2 16	28°51'37	17°47	26°47	6°38	17°18	28°53	2°17	24°29	3°58	23°23	28°53	0°12	15°17	9°12	T 15
W16	2 6 13	29°51'46	1♑37	25°33	7°51	18° 3	29° 2	2°24	24°33	4° 0	23°22	28°D52	0° 9	15°24	9°10	W16
T 17	2 10 10	0♏51'56	15° 0	24°24	9° 3	18°48	29°11	2°31	24°37	4° 2	23°22	28°53	0° 6	15°31	9° 7	T 17
F 18	2 14 6	1°52'07	27°57	23°23	10°15	19°33	29°20	2°38	24°40	4° 5	23°21	28°R53	0° 3	15°38	9° 4	F 18
S 19	2 18 3	2°52'20	10♒33	22°31	11°27	20°18	29°29	2°44	24°44	4° 7	23°21	28°53	29♐59	15°44	9° 2	S 19
S 20	2 21 59	3°52'35	22°51	21°49	12°39	21° 3	29°38	2°51	24°48	4° 9	23°21	28°51	29°56	15°51	8°59	S 20
M21	2 25 56	4°52'51	4♓58	21°19	13°51	21°49	29°47	2°58	24°52	4°11	23°21	28°47	29°53	15°58	8°56	M21
T 22	2 29 52	5°53'09	16°56	21° 0	15° 3	22°34	29°55	3° 4	24°55	4°13	23°20	28°40	29°50	16° 4	8°54	T 22
W23	2 33 49	6°53'28	28°50	20°D53	16°15	23°19	0♍ 4	3°11	24°59	4°16	23°20	28°32	29°47	16°11	8°51	W23
T 24	2 37 45	7°53'48	10♈42	20°57	17°27	24° 5	0°12	3°17	25° 3	4°18	23°20	28°22	29°44	16°18	8°48	T 24
F 25	2 41 42	8°54'11	22°34	21°12	18°39	24°50	0°20	3°24	25° 6	4°20	23°20	28°12	29°41	16°25	8°45	F 25
S 26	2 45 39	9°54'35	4♉29	21°37	19°50	25°35	0°28	3°30	25°10	4°22	23°20	28° 2	29°37	16°31	8°42	S 26
S 27	2 49 35	10°55'00	16°28	22°10	21° 2	26°21	0°36	3°37	25°14	4°25	23°20	27°54	29°34	16°38	8°39	S 27
M28	2 53 32	11°55'28	28°32	22°52	22°13	27° 7	0°44	3°43	25°17	4°27	23°20	27°48	29°31	16°45	8°36	M28
T 29	2 57 28	12°55'57	10♊42	23°42	23°25	27°52	0°51	3°49	25°21	4°29	23°19	27°44	29°28	16°51	8°33	T 29
W30	3 1 25	13°56'28	23° 2	24°37	24°37	28°38	0°59	3°55	25°25	4°31	23°D19	27°D42	29°25	16°58	8°30	W30
T 31	3 5 21	14♏57'00	5♋32	25♎39	25♐48	29♐24	1♍ 6	4♎ 2	25♎28	4♏34	23♒19	27♐42	29♐21	17♈ 5	8♊27	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	5s53	22n53	2n25	16s50	3s15	18s41	1s 0	22s46	1s13	13n31	0n51	1n44	2n10	8s42	0n32	11s 2	1n47	25s15	12s15	23s32	23s32	10n 3	17n38	4s24
W 2	6 16	23 56	1 25	16 50	3 12	19 4	1 3	22 53	1 14	13 27	0 51	1 41	2 10	8 44	0 32	11 3	1 47	25 15	12 15	23 32	23 32	10 6	17 37	4 24
T 3	6 39	23 49	0 21	16 47	3 9	19 26	1 6	23 1	1 14	13 24	0 52	1 38	2 10	8 45	0 32	11 4	1 47	25 15	12 14	23 32	23 32	10 8	17 37	4 25
F 4	7 2	22 29	0s46	16 40	3 4	19 47	1 9	23 8	1 14	13 20	0 52	1 36	2 10	8 47	0 32	11 5	1 47	25 15	12 14	23 32	23 32	10 10	17 36	4 25
S 5	7 25	19 57	1 52	16 29	2 57	20 8	1 12	23 15	1 15	13 17	0 52	1 33	2 10	8 48	0 32	11 5	1 47	25 15	12 14	23 32	23 32	10 13	17 36	4 25
S 6	7 48	16 17	2 55	16 14	2 49	20 29	1 15	23 21	1 15	13 14	0 52	1 30	2 11	8 49	0 32	11 6	1 47	25 15	12 14	23 32	23 32	10 15	17 35	4 26
M 7	8 10	11 38	3 49	15 53	2 39	20 49	1 17	23 28	1 15	13 10	0 52	1 27	2 11	8 51	0 32	11 7	1 47	25 15	12 13	23 32	23 32	10 18	17 34	4 26
T 8	8 33	6 12	4 31	15 28	2 27	21 8	1 20	23 34	1 15	13 7	0 53	1 25	2 11	8 52	0 32	11 8	1 47	25 15	12 13	23 32	23 32	10 20	17 34	4 27
W 9	8 55	0 16	4 57	14 58	2 14	21 27	1 23	23 40	1 15	13 4	0 53	1 22	2 11	8 54	0 32	11 8	1 47	25 15	12 13	23 32	23 32	10 23	17 33	4 27
T 10	9 18	5s48	5 2	14 24	1 59	21 46	1 26	23 46	1 16	13 1	0 53	1 19	2 11	8 55	0 32	11 9	1 47	25 15	12 13	23 32	23 32	10 25	17 32	4 27
F 11	9 40	11 36	4 47	13 45	1 42	22 3	1 29	23 52	1 16	12 57	0 53	1 16	2 11	8 56	0 32	11 10	1 47	25 15	12 13	23 32	23 32	10 28	17 32	4 28
S 12	10 2	16 40	4 10	13 2	1 24	22 20	1 32	23 57	1 16	12 54	0 53	1 14	2 11	8 58	0 32	11 11	1 47	25 15	12 12	23 32	23 32	10 30	17 31	4 28
S 13	10 23	20 36	3 17	12 17	1 4	22 37	1 34	24 2	1 16	12 51	0 54	1 11	2 11	8 59	0 32	11 11	1 47	25 15	12 12	23 32	23 32	10 32	17 30	4 28
M14	10 45	23 4	2 11	11 31	0 44	22 53	1 37	24 7	1 16	12 48	0 54	1 8	2 11	9 1	0 32	11 12	1 47	25 15	12 12	23 32	23 32	10 35	17 30	4 29
T 15	11 7	23 57	0 59	10 44	0 23	23 8	1 40	24 12	1 17	12 45	0 54	1 6	2 11	9 2	0 32	11 13	1 47	25 15	12 12	23 31	23 32	10 37	17 29	4 29
W16	11 28	23 16	0n15	9 57	0 3	23 23	1 42	24 16	1 17	12 42	0 54	1 3	2 12	9 3	0 32	11 14	1 47	25 14	12 11	23 31	23 32	10 40	17 28	4 29
T 17	11 49	21 16	1 25	9 13	0n18	23 37	1 45	24 20	1 17	12 39	0 54	1 1	2 12	9 5	0 32	11 14	1 47	25 14	12 11	23 31	23 32	10 42	17 28	4 30
F 18	12 10	18 13	2 29	8 33	0 37	23 50	1 47	24 24	1 17	12 36	0 55	0 58	2 12	9 6	0 32	11 15	1 47	25 14	12 11	23 32	23 32	10 44	17 27	4 30
S 19	12 31	14 23	3 24	7 57	0 55	24 3	1 50	24 27	1 17	12 33	0 55	0 55	2 12	9 7	0 32	11 16	1 47	25 14	12 11	23 32	23 32	10 47	17 26	4 30
S 20	12 51	10 2	4 8	7 26	1 11	24 15	1 52	24 31	1 17	12 30	0 55	0 53	2 12	9 9	0 32	11 17	1 47	25 14	12 10	23 31	23 32	10 49	17 25	4 31
M21	13 12	5 23	4 40	7 1	1 26	24 26	1 54	24 34	1 17	12 27	0 55	0 50	2 12	9 10	0 32	11 17	1 47	25 14	12 10	23 31	23 32	10 52	17 25	4 31
T 22	13 32	0 35	5 0	6 42	1 39	24 37	1 57	24 37	1 18	12 24	0 55	0 48	2 12	9 12	0 32	11 18	1 47	25 14	12 10	23 31	23 32	10 54	17 24	4 31
W23	13 52	4n12	5 6	6 29	1 50	24 47	1 59	24 39	1 18	12 22	0 56	0 45	2 13	9 13	0 32	11 19	1 47	25 14	12 10	23 31	23 32	10 56	17 23	4 32
T 24	14 12	8 50	4 59	6 22	1 59	24 56	2 1	24 41	1 18	12 19	0 56	0 43	2 13	9 14	0 32	11 20	1 47	25 13	12 9	23 31	23 32	10 59	17 23	4 32
F 25	14 31	13 7	4 39	6 21	2 6	25 5	2 3	24 44	1 18	12 16	0 56	0 41	2 13	9 16	0 32	11 21	1 47	25 13	12 9	23 31	23 32	11 1	17 22	4 32
S 26	14 50	16 56	4 7	6 25	2 12	25 13	2 5	24 45	1 18	12 14	0 56	0 38	2 13	9 17	0 32	11 21	1 47	25 13	12 9	23 31	23 32	11 4	17 21	4 32
S 27	15 9	20 4	3 24	6 34	2 16	25 20	2 7	24 47	1 18	12 11	0 56	0 36	2 13	9 18	0 32	11 22	1 47	25 13	12 9	23 31	23 32	11 6	17 20	4 33
M28	15 28	22 22	2 31	6 47	2 19	25 27	2 9	24 48	1 18	12 8	0 57	0 33	2 13	9 20	0 32	11 23	1 47	25 13	12 8	23 31	23 32	11 8	17 20	4 33
T 29	15 47	23 38	1 31	7 3	2 20	25 32	2 11	24 49	1 18	12 6	0 57	0 31	2 13	9 21	0 32	11 23	1 47	25 12	12 8	23 31	23 32	11 11	17 19	4 33
W30	16 5	23 46	0 25	7 24	2 21	25 37	2 12	24 50	1 18	12 3	0 57	0 29	2 14	9 22	0 32	11 24	1 47	25 12	12 8	23 31	23 32	11 13	17 18	4 33
T 31	16s23	22n43	0s42	7s47	2n20	25s42	2s14	24s50	1s18	12n 1	0n57	0n26	2n14	9s24	0n32	11s25	1n47	25s12	12s 8	23s31	23s32	11n15	17n17	4s34

Julian Day Number = 2197251.5, Delta T = 10m18s
Ecliptic obliquity = 23°31'47, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°01'47, Lahiri = 14°08'48 Julian Calendar 1 Oct. 1303 == Greg. Calendar 9 Oct. 1303

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ASTRODIENST EPHEMERIS for the year 1303
geocentric

NOVEMBER 1303 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	3 9 18	15♏57'34	18♋15	26♎45	26♐59	0♑10	1♍13	4♎ 8	25♎32	4♏36	23♒19	27♐44	29♐18	17♈12	8°R23	F 1
S 2	3 13 14	16°58'11	1♌16	27°55	28°11	0°55	1°20	4°14	25°35	4°38	23°20	27°45	29°15	17°18	8♊20	S 2
S 3	3 17 11	17°58'48	14°36	29°10	29°22	1°41	1°27	4°20	25°39	4°40	23°20	27°R46	29°12	17°25	8°17	S 3
M 4	3 21 8	18°59'28	28°18	0♏27	0♑33	2°27	1°34	4°26	25°43	4°43	23°20	27°46	29° 9	17°32	8°14	M 4
T 5	3 25 4	20° 0'09	12♍23	1°47	1°44	3°13	1°41	4°32	25°46	4°45	23°20	27°44	29° 6	17°38	8°10	T 5
W 6	3 29 1	21° 0'52	26°51	3° 9	2°55	3°59	1°47	4°37	25°50	4°47	23°20	27°40	29° 2	17°45	8° 7	W 6
T 7	3 32 57	22° 1'37	11♎38	4°33	4° 6	4°45	1°54	4°43	25°53	4°49	23°20	27°35	28°59	17°52	8° 3	T 7
F 8	3 36 54	23° 2'23	26°37	5°58	5°17	5°32	2° 0	4°49	25°57	4°51	23°20	27°30	28°56	17°59	8° 0	F 8
S 9	3 40 50	24° 3'11	11♏40	7°25	6°28	6°18	2° 6	4°55	26° 0	4°53	23°21	27°25	28°53	18° 5	7°57	S 9
S 10	3 44 47	25° 4'00	26°38	8°53	7°38	7° 4	2°12	5° 0	26° 3	4°56	23°21	27°21	28°50	18°12	7°53	S 10
M11	3 48 43	26° 4'50	11♐22	10°22	8°49	7°50	2°17	5° 6	26° 7	4°58	23°21	27°18	28°47	18°19	7°50	M11
T 12	3 52 40	27° 5'42	25°45	11°51	10° 0	8°37	2°23	5°11	26°10	5° 0	23°21	27°D17	28°43	18°25	7°46	T 12
W13	3 56 37	28° 6'35	9♑42	13°22	11°10	9°23	2°28	5°17	26°14	5° 2	23°22	27°18	28°40	18°32	7°42	W13
T 14	4 0 33	29° 7'28	23°13	14°53	12°20	10°10	2°34	5°22	26°17	5° 4	23°22	27°19	28°37	18°39	7°39	T 14
F 15	4 4 30	0♐ 8'23	6♒17	16°24	13°31	10°56	2°39	5°27	26°20	5° 6	23°23	27°21	28°34	18°46	7°35	F 15
S 16	4 8 26	1° 9'18	18°59	17°55	14°41	11°43	2°44	5°32	26°24	5° 8	23°23	27°22	28°31	18°52	7°32	S 16
S 17	4 12 23	2°10'14	1♓21	19°27	15°51	12°29	2°48	5°38	26°27	5°10	23°23	27°R23	28°27	18°59	7°28	S 17
M18	4 16 19	3°11'11	13°29	20°59	17° 1	13°16	2°53	5°43	26°30	5°12	23°24	27°22	28°24	19° 6	7°25	M18
T 19	4 20 16	4°12'08	25°27	22°32	18°11	14° 2	2°57	5°48	26°33	5°14	23°24	27°21	28°21	19°12	7°21	T 19
W20	4 24 12	5°13'07	7♈19	24° 4	19°20	14°49	3° 1	5°53	26°36	5°16	23°25	27°18	28°18	19°19	7°17	W20
T 21	4 28 9	6°14'06	19°11	25°37	20°30	15°36	3° 6	5°57	26°39	5°18	23°25	27°15	28°15	19°26	7°14	T 21
F 22	4 32 6	7°15'05	1♉ 4	27°10	21°39	16°22	3° 9	6° 2	26°43	5°20	23°26	27°11	28°12	19°33	7°10	F 22
S 23	4 36 2	8°16'06	13° 3	28°43	22°49	17° 9	3°13	6° 7	26°46	5°22	23°27	27° 8	28° 8	19°39	7° 6	S 23
S 24	4 39 59	9°17'07	25° 9	0♐16	23°58	17°56	3°17	6°11	26°49	5°24	23°27	27° 5	28° 5	19°46	7° 3	S 24
M25	4 43 55	10°18'09	7♊24	1°49	25° 7	18°43	3°20	6°16	26°52	5°26	23°28	27° 3	28° 2	19°53	6°59	M25
T 26	4 47 52	11°19'12	19°50	3°22	26°16	19°29	3°23	6°20	26°55	5°28	23°29	27° 2	27°59	19°59	6°56	T 26
W27	4 51 48	12°20'16	2♋26	4°55	27°24	20°16	3°26	6°25	26°58	5°30	23°29	27°D 2	27°56	20° 6	6°52	W27
T 28	4 55 45	13°21'20	15°15	6°29	28°33	21° 3	3°29	6°29	27° 0	5°32	23°30	27° 3	27°53	20°13	6°48	T 28
F 29	4 59 42	14°22'25	28°17	8° 2	29°41	21°50	3°32	6°33	27° 3	5°34	23°31	27° 4	27°49	20°20	6°45	F 29
S 30	5 3 38	15♐23'31	11♌32	9♐36	0♒49	22♑37	3♍34	6♎37	27♎ 6	5♏36	23♒31	27♐ 5	27♐46	20♈26	6♊41	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	16s41	20n29	1s49	8s12	2n18	25s45	2s16	24s50	1s18	11n59	0n58	0n24	2n14	9s25	0n32	11s26	1n47	25s12	12s 7	23s31	23s32	11n18	17n17	4s34
S 2	16 58	17 9	2 52	8 40	2 16	25 48	2 17	24 50	1 18	11 56	0 58	0 22	2 14	9 26	0 32	11 26	1 47	25 11	12 7	23 31	23 32	11 20	17 16	4 34
S 3	17 15	12 54	3 47	9 9	2 12	25 50	2 18	24 49	1 18	11 54	0 58	0 20	2 14	9 28	0 32	11 27	1 47	25 11	12 7	23 31	23 32	11 22	17 15	4 34
M 4	17 32	7 52	4 31	9 40	2 9	25 51	2 20	24 49	1 18	11 52	0 58	0 17	2 15	9 29	0 32	11 28	1 47	25 11	12 7	23 31	23 32	11 25	17 14	4 35
T 5	17 49	2 19	5 0	10 12	2 4	25 52	2 21	24 48	1 18	11 50	0 59	0 15	2 15	9 30	0 32	11 29	1 47	25 11	12 6	23 31	23 32	11 27	17 14	4 35
W 6	18 5	3s30	5 11	10 44	1 59	25 52	2 22	24 46	1 18	11 48	0 59	0 13	2 15	9 31	0 32	11 29	1 47	25 10	12 6	23 31	23 32	11 29	17 13	4 35
T 7	18 21	9 14	5 2	11 18	1 54	25 51	2 23	24 45	1 18	11 46	0 59	0 11	2 15	9 33	0 32	11 30	1 47	25 10	12 6	23 30	23 32	11 32	17 12	4 35
F 8	18 36	14 31	4 32	11 51	1 48	25 49	2 24	24 43	1 18	11 44	0 59	0 9	2 15	9 34	0 32	11 31	1 47	25 10	12 6	23 30	23 32	11 34	17 11	4 36
S 9	18 51	18 56	3 43	12 25	1 42	25 47	2 25	24 41	1 18	11 42	1 0	0 7	2 15	9 35	0 32	11 31	1 47	25 9	12 5	23 30	23 31	11 36	17 11	4 36
S 10	19 6	22 4	2 40	13 0	1 36	25 44	2 26	24 38	1 18	11 40	1 0	0 5	2 16	9 36	0 32	11 32	1 47	25 9	12 5	23 30	23 31	11 39	17 10	4 36
M11	19 21	23 39	1 26	13 34	1 30	25 40	2 26	24 36	1 18	11 38	1 0	0 3	2 16	9 38	0 32	11 33	1 47	25 9	12 5	23 30	23 31	11 41	17 9	4 36
T 12	19 35	23 36	0 8	14 8	1 23	25 35	2 27	24 33	1 18	11 36	1 0	0 1	2 16	9 39	0 32	11 34	1 47	25 8	12 5	23 30	23 31	11 43	17 8	4 36
W13	19 49	22 3	1n 8	14 42	1 16	25 30	2 27	24 30	1 18	11 34	1 1	0s 1	2 16	9 40	0 32	11 34	1 47	25 8	12 4	23 30	23 31	11 46	17 8	4 36
T 14	20 2	19 16	2 17	15 15	1 10	25 24	2 27	24 26	1 18	11 33	1 1	0 3	2 16	9 41	0 32	11 35	1 47	25 8	12 4	23 30	23 31	11 48	17 7	4 37
F 15	20 15	15 35	3 18	15 48	1 3	25 17	2 28	24 22	1 18	11 31	1 1	0 5	2 17	9 42	0 32	11 36	1 47	25 7	12 4	23 30	23 31	11 50	17 6	4 37
S 16	20 28	11 17	4 7	16 21	0 56	25 10	2 28	24 18	1 18	11 30	1 1	0 7	2 17	9 44	0 32	11 36	1 47	25 7	12 3	23 30	23 31	11 53	17 6	4 37
S 17	20 40	6 38	4 43	16 53	0 49	25 2	2 28	24 14	1 18	11 28	1 2	0 9	2 17	9 45	0 32	11 37	1 47	25 6	12 3	23 30	23 31	11 55	17 5	4 37
M18	20 52	1 49	5 5	17 24	0 41	24 53	2 28	24 9	1 17	11 27	1 2	0 11	2 17	9 46	0 32	11 38	1 47	25 6	12 3	23 30	23 31	11 57	17 4	4 37
T 19	21 4	2n59	5 14	17 55	0 34	24 43	2 27	24 4	1 17	11 25	1 2	0 12	2 18	9 47	0 32	11 38	1 47	25 6	12 3	23 30	23 31	11 59	17 3	4 37
W20	21 15	7 39	5 10	18 25	0 27	24 33	2 27	23 59	1 17	11 24	1 2	0 14	2 18	9 48	0 32	11 39	1 47	25 5	12 2	23 30	23 31	12 2	17 3	4 38
T 21	21 26	12 2	4 52	18 55	0 20	24 22	2 27	23 53	1 17	11 23	1 3	0 16	2 18	9 49	0 32	11 39	1 47	25 5	12 2	23 30	23 31	12 4	17 2	4 38
F 22	21 36	15 58	4 21	19 23	0 13	24 11	2 26	23 48	1 17	11 22	1 3	0 17	2 18	9 50	0 32	11 40	1 47	25 4	12 2	23 30	23 31	12 6	17 1	4 38
S 23	21 46	19 18	3 39	19 51	0 6	23 59	2 25	23 42	1 17	11 21	1 3	0 19	2 18	9 52	0 32	11 41	1 47	25 4	12 2	23 30	23 31	12 9	17 1	4 38
S 24	21 56	21 50	2 47	20 18	0s 1	23 46	2 24	23 35	1 17	11 20	1 3	0 21	2 19	9 53	0 32	11 41	1 47	25 3	12 1	23 30	23 31	12 11	17 0	4 38
M25	22 5	23 23	1 46	20 44	0 8	23 33	2 23	23 29	1 17	11 19	1 4	0 22	2 19	9 54	0 32	11 42	1 47	25 3	12 1	23 30	23 31	12 13	16 59	4 38
T 26	22 13	23 48	0 40	21 9	0 14	23 19	2 22	23 22	1 16	11 18	1 4	0 24	2 19	9 55	0 32	11 43	1 47	25 2	12 1	23 30	23 31	12 15	16 59	4 38
W27	22 22	23 1	0s30	21 33	0 21	23 4	2 21	23 15	1 16	11 17	1 4	0 25	2 19	9 56	0 32	11 43	1 47	25 2	12 1	23 30	23 31	12 18	16 58	4 38
T 28	22 29	21 1	1 39	21 56	0 28	22 49	2 20	23 8	1 16	11 16	1 5	0 27	2 20	9 57	0 32	11 44	1 47	25 2	12 0	23 30	23 31	12 20	16 57	4 38
F 29	22 37	17 54	2 44	22 17	0 34	22 33	2 18	23 0	1 16	11 15	1 5	0 28	2 20	9 58	0 32	11 44	1 47	25 1	12 0	23 30	23 31	12 22	16 57	4 38
S 30	22s44	13n50	3s42	22s38	0s40	22s16	2s17	22s52	1s16	11n15	1n 5	0s30	2n20	9s59	0n32	11s45	1n47	25s 1	12s 0	23s30	23s31	12n24	16n56	4s38

Julian Day Number = 2197282.5, Delta T = 10m18s
Ecliptic obliquity = 23°31'47, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°01'51, Lahiri = 14°08'52 Julian Calendar 1 Nov. 1303 == Greg. Calendar 9 Nov. 1303

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ASTRODIENST EPHEMERIS for the year 1303
geocentric

DECEMBER 1303 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	5 7 35	16♐24'38	25♌ 1	11♐10	1♒58	23♑24	3♍36	6♎41	27♎ 9	5♏37	23♒32	27♐ 6	27♐43	20♈33	6°R38	S 1
M 2	5 11 31	17°25'45	8♍45	12°43	3° 5	24°11	3°38	6°45	27°12	5°39	23°33	27° 7	27°40	20°40	6♊34	M 2
T 3	5 15 28	18°26'54	22°43	14°18	4°13	24°58	3°40	6°49	27°14	5°41	23°34	27°R 7	27°37	20°46	6°30	T 3
W 4	5 19 24	19°28'03	6♎56	15°52	5°21	25°45	3°42	6°53	27°17	5°43	23°35	27° 6	27°33	20°53	6°27	W 4
T 5	5 23 21	20°29'12	21°20	17°26	6°28	26°32	3°43	6°56	27°20	5°45	23°36	27° 6	27°30	21° 0	6°23	T 5
F 6	5 27 17	21°30'23	5♏52	19° 1	7°35	27°19	3°45	7° 0	27°22	5°46	23°37	27° 5	27°27	21° 7	6°20	F 6
S 7	5 31 14	22°31'34	20°27	20°36	8°42	28° 6	3°46	7° 3	27°25	5°48	23°37	27° 5	27°24	21°13	6°16	S 7
S 8	5 35 11	23°32'46	5♐ 1	22°11	9°49	28°53	3°47	7° 7	27°27	5°50	23°38	27° 4	27°21	21°20	6°13	S 8
M 9	5 39 7	24°33'58	19°25	23°47	10°55	29°40	3°48	7°10	27°30	5°51	23°39	27° 4	27°18	21°27	6°10	M 9
T 10	5 43 4	25°35'11	3♑35	25°22	12° 2	0♒27	3°48	7°13	27°32	5°53	23°40	27°D 4	27°14	21°33	6° 6	T 10
W11	5 47 0	26°36'23	17°27	26°58	13° 8	1°14	3°48	7°16	27°35	5°54	23°41	27°R 4	27°11	21°40	6° 3	W11
T 12	5 50 57	27°37'36	0♒56	28°34	14°13	2° 2	3°R49	7°19	27°37	5°56	23°42	27° 4	27° 8	21°47	6° 0	T 12
F 13	5 54 53	28°38'49	14° 4	0♑11	15°19	2°49	3°48	7°22	27°39	5°58	23°43	27° 4	27° 5	21°54	5°56	F 13
S 14	5 58 50	29°40'01	26°50	1°48	16°24	3°36	3°48	7°25	27°42	5°59	23°45	27° 4	27° 2	22° 0	5°53	S 14
S 15	6 2 46	0♑41'13	9♓17	3°25	17°29	4°23	3°48	7°28	27°44	6° 1	23°46	27° 3	26°59	22° 7	5°50	S 15
M16	6 6 43	1°42'25	21°28	5° 2	18°34	5°10	3°47	7°31	27°46	6° 2	23°47	27° 3	26°55	22°14	5°47	M16
T 17	6 10 40	2°43'36	3♈28	6°40	19°38	5°58	3°46	7°33	27°48	6° 4	23°48	27°D 3	26°52	22°20	5°44	T 17
W18	6 14 36	3°44'48	15°21	8°18	20°43	6°45	3°45	7°35	27°50	6° 5	23°49	27° 3	26°49	22°27	5°40	W18
T 19	6 18 33	4°45'59	27°13	9°57	21°46	7°32	3°44	7°38	27°52	6° 6	23°50	27° 4	26°46	22°34	5°37	T 19
F 20	6 22 29	5°47'09	9♉ 7	11°36	22°50	8°19	3°43	7°40	27°54	6° 8	23°51	27° 4	26°43	22°41	5°34	F 20
S 21	6 26 26	6°48'19	21° 8	13°15	23°53	9° 6	3°41	7°42	27°56	6° 9	23°53	27° 5	26°39	22°47	5°31	S 21
S 22	6 30 22	7°49'29	3♊20	14°54	24°56	9°54	3°39	7°44	27°58	6°10	23°54	27° 6	26°36	22°54	5°29	S 22
M23	6 34 19	8°50'39	15°45	16°34	25°58	10°41	3°37	7°46	28° 0	6°12	23°55	27° 7	26°33	23° 1	5°26	M23
T 24	6 38 15	9°51'48	28°25	18°14	27° 0	11°28	3°35	7°48	28° 1	6°13	23°56	27°R 7	26°30	23° 7	5°23	T 24
W25	6 42 12	10°52'56	11♋22	19°54	28° 2	12°15	3°33	7°50	28° 3	6°14	23°58	27° 7	26°27	23°14	5°20	W25
T 26	6 46 9	11°54'04	24°35	21°35	29° 3	13° 2	3°30	7°51	28° 5	6°15	23°59	27° 6	26°24	23°21	5°17	T 26
F 27	6 50 5	12°55'12	8♌ 2	23°15	0♓ 4	13°50	3°27	7°53	28° 6	6°16	24° 0	27° 4	26°20	23°27	5°15	F 27
S 28	6 54 2	13°56'20	21°43	24°55	1° 4	14°37	3°25	7°54	28° 8	6°18	24° 2	27° 2	26°17	23°34	5°12	S 28
S 29	6 57 58	14°57'27	5♍35	26°36	2° 4	15°24	3°21	7°55	28°10	6°19	24° 3	26°59	26°14	23°41	5°10	S 29
M30	7 1 55	15°58'34	19°35	28°16	3° 4	16°11	3°18	7°57	28°11	6°20	24° 4	26°57	26°11	23°48	5° 7	M30
T 31	7 5 51	16♑59'40	3♎41	29♑55	4♓ 3	16♒58	3♍15	7♎58	28♎12	6♏21	24♒ 6	26♐55	26♐ 8	23♈54	5♊ 5	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22s50	9n 1	4s29	22s58	0s47	22s 0	2s15	22s44	1s15	11n14	1n 5	0s31	2n20	10s 0	0n32	11s45	1n47	25s 0	12s 0	23s30	23s31	12n27	16n55	4s38
M 2	22 56	3 40	5 1	23 17	0 53	21 42	2 13	22 35	1 15	11 14	1 6	0 32	2 21	10 1	0 32	11 46	1 47	25 0	12 0	23 30	23 31	12 29	16 55	4 38
T 3	23 2	1s56	5 16	23 34	0 59	21 24	2 11	22 27	1 15	11 13	1 6	0 34	2 21	10 2	0 32	11 47	1 48	24 59	11 59	23 30	23 30	12 31	16 54	4 38
W 4	23 7	7 32	5 12	23 50	1 4	21 5	2 9	22 18	1 15	11 13	1 6	0 35	2 21	10 3	0 32	11 47	1 48	24 59	11 59	23 30	23 30	12 33	16 53	4 39
T 5	23 11	12 49	4 49	24 5	1 10	20 46	2 7	22 9	1 14	11 13	1 6	0 36	2 21	10 4	0 32	11 48	1 48	24 58	11 59	23 30	23 30	12 36	16 53	4 39
F 6	23 15	17 25	4 7	24 19	1 15	20 27	2 5	21 59	1 14	11 12	1 7	0 37	2 22	10 5	0 32	11 48	1 48	24 58	11 59	23 30	23 30	12 38	16 52	4 39
S 7	23 19	20 58	3 9	24 32	1 20	20 7	2 2	21 50	1 14	11 12	1 7	0 38	2 22	10 6	0 32	11 49	1 48	24 57	11 58	23 30	23 30	12 40	16 52	4 39
S 8	23 22	23 10	1 59	24 43	1 25	19 46	1 59	21 40	1 14	11 12	1 7	0 40	2 22	10 6	0 32	11 49	1 48	24 56	11 58	23 30	23 30	12 42	16 51	4 39
M 9	23 25	23 49	0 42	24 53	1 30	19 25	1 57	21 30	1 13	11 12	1 8	0 41	2 22	10 7	0 32	11 50	1 48	24 56	11 58	23 30	23 30	12 44	16 51	4 39
T 10	23 27	22 53	0n36	25 1	1 35	19 4	1 54	21 19	1 13	11 12	1 8	0 42	2 23	10 8	0 32	11 50	1 48	24 55	11 58	23 30	23 30	12 47	16 50	4 39
W11	23 29	20 33	1 51	25 8	1 39	18 42	1 50	21 9	1 13	11 12	1 8	0 43	2 23	10 9	0 32	11 51	1 48	24 55	11 58	23 30	23 30	12 49	16 49	4 39
T 12	23 30	17 8	2 57	25 14	1 43	18 20	1 47	20 58	1 13	11 13	1 8	0 44	2 23	10 10	0 32	11 51	1 48	24 54	11 57	23 30	23 30	12 51	16 49	4 38
F 13	23 31	12 58	3 52	25 18	1 47	17 57	1 44	20 47	1 12	11 13	1 9	0 44	2 23	10 11	0 32	11 52	1 48	24 54	11 57	23 30	23 30	12 53	16 48	4 38
S 14	23 32	8 19	4 34	25 21	1 50	17 34	1 40	20 35	1 12	11 13	1 9	0 45	2 24	10 11	0 32	11 52	1 48	24 53	11 57	23 30	23 30	12 55	16 48	4 38
S 15	23 32	3 27	5 2	25 22	1 53	17 11	1 37	20 24	1 12	11 14	1 9	0 46	2 24	10 12	0 32	11 53	1 48	24 53	11 57	23 30	23 30	12 58	16 47	4 38
M16	23 31	1n26	5 16	25 22	1 56	16 47	1 33	20 12	1 11	11 14	1 10	0 47	2 24	10 13	0 32	11 53	1 48	24 52	11 57	23 30	23 30	13 0	16 47	4 38
T 17	23 30	6 12	5 15	25 20	1 59	16 23	1 29	20 0	1 11	11 15	1 10	0 48	2 25	10 14	0 32	11 53	1 48	24 51	11 56	23 30	23 30	13 2	16 46	4 38
W18	23 29	10 42	5 1	25 17	2 1	15 59	1 25	19 48	1 11	11 15	1 10	0 48	2 25	10 14	0 32	11 54	1 48	24 51	11 56	23 30	23 29	13 4	16 46	4 38
T 19	23 27	14 47	4 34	25 12	2 3	15 34	1 20	19 35	1 10	11 16	1 10	0 49	2 25	10 15	0 32	11 54	1 48	24 50	11 56	23 30	23 29	13 6	16 46	4 38
F 20	23 24	18 18	3 56	25 5	2 5	15 9	1 16	19 23	1 10	11 17	1 11	0 50	2 25	10 16	0 32	11 55	1 48	24 50	11 56	23 30	23 29	13 9	16 45	4 38
S 21	23 21	21 6	3 7	24 57	2 6	14 44	1 11	19 10	1 10	11 18	1 11	0 50	2 26	10 16	0 32	11 55	1 48	24 49	11 56	23 30	23 29	13 11	16 45	4 38
S 22	23 18	23 0	2 8	24 47	2 6	14 19	1 7	18 57	1 9	11 19	1 11	0 51	2 26	10 17	0 32	11 55	1 48	24 49	11 55	23 30	23 29	13 13	16 44	4 38
M23	23 14	23 48	1 3	24 36	2 7	13 53	1 2	18 44	1 9	11 20	1 11	0 51	2 26	10 18	0 32	11 56	1 48	24 48	11 55	23 30	23 29	13 15	16 44	4 38
T 24	23 10	23 24	0s 7	24 22	2 7	13 27	0 57	18 30	1 9	11 21	1 12	0 52	2 26	10 18	0 32	11 56	1 49	24 47	11 55	23 30	23 29	13 17	16 43	4 38
W25	23 5	21 45	1 18	24 8	2 6	13 1	0 52	18 17	1 8	11 22	1 12	0 52	2 27	10 19	0 32	11 56	1 49	24 47	11 55	23 30	23 29	13 19	16 43	4 38
T 26	23 0	18 54	2 26	23 51	2 5	12 34	0 46	18 3	1 8	11 23	1 12	0 53	2 27	10 20	0 32	11 57	1 49	24 46	11 55	23 30	23 29	13 22	16 43	4 37
F 27	22 54	14 59	3 27	23 33	2 3	12 8	0 41	17 49	1 7	11 24	1 13	0 53	2 27	10 20	0 33	11 57	1 49	24 46	11 55	23 30	23 29	13 24	16 42	4 37
S 28	22 48	10 15	4 18	23 13	2 1	11 41	0 35	17 35	1 7	11 25	1 13	0 53	2 28	10 21	0 33	11 57	1 49	24 45	11 55	23 30	23 29	13 26	16 42	4 37
S 29	22 41	4 57	4 54	22 51	1 58	11 14	0 29	17 20	1 7	11 27	1 13	0 53	2 28	10 21	0 33	11 58	1 49	24 44	11 54	23 30	23 29	13 28	16 42	4 37
M30	22 34	0s39	5 13	22 28	1 55	10 47	0 24	17 6	1 6	11 28	1 13	0 54	2 28	10 22	0 33	11 58	1 49	24 44	11 54	23 30	23 28	13 30	16 41	4 37
T 31	22s27	6s15	5s13	22s 3	1s51	10s20	0s17	16s51	1s 6	11n30	1n14	0s54	2n28	10s22	0n33	11s58	1n49	24s43	11s54	23s30	23s28	13n32	16n41	4s37

Julian Day Number = 2197312.5, Delta T = 10m18s
Ecliptic obliquity = 23°31'46, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°01'56, Lahiri = 14°08'56 Julian Calendar 1 Dec. 1303 == Greg. Calendar 9 Dec. 1303

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ASTRODIENST EPHEMERIS for the year 1304
geocentric

JANUARY 1304 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	7 9 48	18♉ 0'46	17♎50	1♒35	5♓ 1	17♒46	3°R11	7♎59	28♎14	6♏22	24♒ 7	26°D55	26♐ 5	24♈ 1	5°R 2	W 1
T 2	7 13 44	19° 1'52	2♏ 0	3°13	5°59	18°33	3♍ 7	7°59	28°15	6°23	24° 8	26♐55	26° 1	24° 8	5♊ 0	T 2
F 3	7 17 41	20° 2'58	16°11	4°50	6°57	19°20	3° 3	8° 0	28°16	6°24	24°10	26°57	25°58	24°14	4°58	F 3
S 4	7 21 38	21° 4'03	0♐18	6°26	7°54	20° 7	2°59	8° 1	28°18	6°25	24°11	26°58	25°55	24°21	4°56	S 4
S 5	7 25 34	22° 5'08	14°21	8° 1	8°50	20°54	2°55	8° 1	28°19	6°25	24°13	26°59	25°52	24°28	4°53	S 5
M 6	7 29 31	23° 6'12	28°17	9°33	9°46	21°42	2°50	8° 2	28°20	6°26	24°14	27°R 0	25°49	24°35	4°51	M 6
T 7	7 33 27	24° 7'16	12♑ 2	11° 3	10°41	22°29	2°45	8° 2	28°21	6°27	24°16	26°59	25°45	24°41	4°49	T 7
W 8	7 37 24	25° 8'19	25°34	12°30	11°36	23°16	2°41	8° 2	28°22	6°28	24°17	26°57	25°42	24°48	4°47	W 8
T 9	7 41 20	26° 9'20	8♒52	13°53	12°30	24° 3	2°35	8° 2	28°23	6°29	24°19	26°53	25°39	24°55	4°46	T 9
F 10	7 45 17	27°10'21	21°52	15°12	13°23	24°50	2°30	8°R 2	28°24	6°29	24°20	26°48	25°36	25° 1	4°44	F 10
S 11	7 49 14	28°11'21	4♓35	16°26	14°15	25°37	2°25	8° 2	28°25	6°30	24°22	26°42	25°33	25° 8	4°42	S 11
S 12	7 53 10	29°12'19	17° 2	17°34	15° 7	26°24	2°19	8° 2	28°25	6°31	24°23	26°37	25°30	25°15	4°40	S 12
M13	7 57 7	0♒13'16	29°14	18°36	15°58	27°11	2°14	8° 2	28°26	6°31	24°25	26°32	25°26	25°22	4°39	M13
T 14	8 1 3	1°14'12	11♈15	19°31	16°48	27°59	2° 8	8° 1	28°27	6°32	24°26	26°28	25°23	25°28	4°37	T 14
W15	8 5 0	2°15'07	23° 9	20°17	17°38	28°46	2° 2	8° 1	28°27	6°32	24°28	26°26	25°20	25°35	4°36	W15
T 16	8 8 56	3°16'00	4♉59	20°55	18°26	29°33	1°56	8° 0	28°28	6°33	24°30	26°D26	25°17	25°42	4°34	T 16
F 17	8 12 53	4°16'51	16°52	21°23	19°14	0♓20	1°50	8° 0	28°28	6°33	24°31	26°27	25°14	25°48	4°33	F 17
S 18	8 16 49	5°17'42	28°53	21°41	20° 0	1° 7	1°44	7°59	28°29	6°34	24°33	26°28	25°11	25°55	4°32	S 18
S 19	8 20 46	6°18'31	11♊ 6	21°R48	20°46	1°54	1°37	7°58	28°29	6°34	24°34	26°30	25° 7	26° 2	4°31	S 19
M20	8 24 43	7°19'18	23°35	21°44	21°31	2°40	1°31	7°57	28°29	6°35	24°36	26°R31	25° 4	26° 8	4°30	M20
T 21	8 28 39	8°20'04	6♋25	21°30	22°14	3°27	1°24	7°56	28°30	6°35	24°38	26°30	25° 1	26°15	4°29	T 21
W22	8 32 36	9°20'49	19°36	21° 4	22°57	4°14	1°17	7°54	28°30	6°35	24°39	26°28	24°58	26°22	4°28	W22
T 23	8 36 32	10°21'32	3♌10	20°28	23°38	5° 1	1°10	7°53	28°30	6°35	24°41	26°23	24°55	26°29	4°27	T 23
F 24	8 40 29	11°22'13	17° 4	19°44	24°18	5°48	1° 3	7°51	28°30	6°36	24°42	26°17	24°51	26°35	4°26	F 24
S 25	8 44 25	12°22'54	1♍14	18°50	24°57	6°35	0°56	7°50	28°R30	6°36	24°44	26°10	24°48	26°42	4°25	S 25
S 26	8 48 22	13°23'32	15°36	17°51	25°35	7°22	0°49	7°48	28°30	6°36	24°46	26° 2	24°45	26°49	4°25	S 26
M27	8 52 18	14°24'10	0♎ 2	16°46	26°11	8° 8	0°42	7°46	28°30	6°36	24°47	25°55	24°42	26°55	4°24	M27
T 28	8 56 15	15°24'46	14°28	15°38	26°46	8°55	0°35	7°45	28°30	6°36	24°49	25°49	24°39	27° 2	4°24	T 28
W29	9 0 12	16°25'21	28°49	14°29	27°19	9°42	0°27	7°43	28°30	6°36	24°51	25°45	24°36	27° 9	4°23	W29
T 30	9 4 8	17°25'55	13♏ 1	13°20	27°51	10°28	0°20	7°41	28°30	6°R36	24°52	25°D44	24°32	27°15	4°23	T 30
F 31	9 8 5	18♒26'28	27♏ 3	12♒14	28♓22	11♓15	0♍12	7♎38	28♎29	6♏36	24♒54	25♐44	24♐29	27♈22	4♊23	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	22s19	11s33	4s55	21s37	1s46	9s53	0s11	16s36	1s 5	11n31	1n14	0s54	2n29	10s23	0n33	11s59	1n49	24s43	11s54	23s30	23s28	13n34	16n41	4s37
T 2	22 10	16 15	4 18	21 9	1 41	9 25	0 5	16 21	1 5	11 33	1 14	0 54	2 29	10 23	0 33	11 59	1 49	24 42	11 54	23 30	23 28	13 36	16 41	4 36
F 3	22 2	20 2	3 26	20 39	1 35	8 58	0n 2	16 6	1 5	11 35	1 14	0 54	2 29	10 24	0 33	11 59	1 49	24 41	11 54	23 30	23 28	13 39	16 40	4 36
S 4	21 52	22 36	2 22	20 9	1 28	8 30	0 9	15 51	1 4	11 36	1 15	0 54	2 30	10 24	0 33	11 59	1 49	24 41	11 54	23 30	23 28	13 41	16 40	4 36
S 5	21 43	23 45	1 9	19 37	1 20	8 3	0 15	15 35	1 4	11 38	1 15	0 54	2 30	10 24	0 33	12 0	1 49	24 40	11 53	23 30	23 28	13 43	16 40	4 36
M 6	21 33	23 24	0n 7	19 4	1 11	7 35	0 22	15 19	1 3	11 40	1 15	0 54	2 30	10 25	0 33	12 0	1 49	24 39	11 53	23 30	23 28	13 45	16 40	4 36
T 7	21 22	21 38	1 22	18 31	1 2	7 8	0 30	15 4	1 3	11 42	1 15	0 54	2 30	10 25	0 33	12 0	1 49	24 39	11 53	23 30	23 28	13 47	16 40	4 36
W 8	21 11	18 39	2 30	17 57	0 52	6 40	0 37	14 48	1 2	11 44	1 16	0 54	2 31	10 25	0 33	12 0	1 49	24 38	11 53	23 30	23 28	13 49	16 39	4 36
T 9	21 0	14 45	3 29	17 22	0 40	6 13	0 45	14 32	1 2	11 46	1 16	0 53	2 31	10 26	0 33	12 0	1 49	24 38	11 53	23 30	23 27	13 51	16 39	4 35
F 10	20 48	10 14	4 16	16 47	0 28	5 45	0 52	14 15	1 1	11 48	1 16	0 53	2 31	10 26	0 33	12 1	1 50	24 37	11 53	23 29	23 27	13 53	16 39	4 35
S 11	20 36	5 23	4 49	16 13	0 15	5 18	1 0	13 59	1 1	11 50	1 16	0 53	2 32	10 26	0 33	12 1	1 50	24 36	11 53	23 29	23 27	13 55	16 39	4 35
S 12	20 24	0 25	5 7	15 39	0 1	4 50	1 8	13 42	1 0	11 53	1 17	0 52	2 32	10 27	0 33	12 1	1 50	24 36	11 53	23 29	23 27	13 57	16 39	4 35
M13	20 11	4n27	5 11	15 6	0n13	4 23	1 16	13 26	1 0	11 55	1 17	0 52	2 32	10 27	0 33	12 1	1 50	24 35	11 53	23 29	23 27	14 0	16 39	4 35
T 14	19 58	9 5	5 2	14 34	0 29	3 56	1 24	13 9	0 59	11 57	1 17	0 52	2 32	10 27	0 33	12 1	1 50	24 35	11 53	23 29	23 27	14 2	16 39	4 34
W15	19 44	13 20	4 39	14 4	0 45	3 29	1 33	12 52	0 59	11 59	1 17	0 51	2 33	10 27	0 33	12 1	1 50	24 34	11 53	23 29	23 27	14 4	16 39	4 34
T 16	19 30	17 4	4 4	13 37	1 1	3 2	1 41	12 35	0 58	12 2	1 17	0 51	2 33	10 27	0 33	12 1	1 50	24 33	11 52	23 29	23 27	14 6	16 39	4 34
F 17	19 16	20 7	3 19	13 11	1 18	2 35	1 50	12 18	0 58	12 4	1 18	0 50	2 33	10 27	0 33	12 1	1 50	24 33	11 52	23 29	23 27	14 8	16 39	4 34
S 18	19 1	22 20	2 25	12 49	1 36	2 9	1 59	12 1	0 57	12 7	1 18	0 50	2 34	10 28	0 33	12 2	1 50	24 32	11 52	23 29	23 26	14 10	16 39	4 34
S 19	18 46	23 33	1 23	12 31	1 53	1 43	2 8	11 44	0 57	12 9	1 18	0 49	2 34	10 28	0 33	12 2	1 50	24 31	11 52	23 29	23 26	14 12	16 39	4 33
M20	18 31	23 38	0 16	12 16	2 10	1 17	2 17	11 26	0 56	12 12	1 18	0 48	2 34	10 28	0 33	12 2	1 50	24 31	11 52	23 29	23 26	14 14	16 39	4 33
T 21	18 15	22 29	0s53	12 5	2 26	0 51	2 27	11 9	0 56	12 14	1 18	0 48	2 34	10 28	0 33	12 2	1 50	24 30	11 52	23 29	23 26	14 16	16 39	4 33
W22	17 59	20 5	2 2	11 58	2 42	0 25	2 36	10 51	0 55	12 17	1 19	0 47	2 35	10 28	0 33	12 2	1 50	24 30	11 52	23 29	23 26	14 18	16 39	4 33
T 23	17 43	16 31	3 5	11 56	2 56	0 0	2 46	10 33	0 55	12 19	1 19	0 46	2 35	10 28	0 33	12 2	1 50	24 29	11 52	23 29	23 26	14 20	16 39	4 32
F 24	17 26	11 59	3 59	11 57	3 9	0n25	2 56	10 16	0 54	12 22	1 19	0 45	2 35	10 28	0 33	12 2	1 50	24 28	11 52	23 29	23 26	14 22	16 39	4 32
S 25	17 9	6 44	4 39	12 3	3 21	0 49	3 5	9 58	0 54	12 25	1 19	0 44	2 35	10 28	0 33	12 2	1 50	24 28	11 52	23 28	23 26	14 24	16 39	4 32
S 26	16 52	1 3	5 2	12 12	3 30	1 14	3 15	9 40	0 53	12 28	1 19	0 43	2 36	10 28	0 33	12 2	1 51	24 27	11 52	23 28	23 25	14 26	16 39	4 32
M27	16 34	4s42	5 7	12 25	3 37	1 37	3 26	9 22	0 53	12 30	1 20	0 42	2 36	10 28	0 33	12 2	1 51	24 27	11 52	23 28	23 25	14 28	16 39	4 32
T 28	16 17	10 12	4 51	12 40	3 42	2 1	3 36	9 4	0 52	12 33	1 20	0 42	2 36	10 28	0 33	12 2	1 51	24 26	11 52	23 28	23 25	14 30	16 39	4 31
W29	15 58	15 6	4 18	12 58	3 45	2 23	3 46	8 46	0 52	12 36	1 20	0 41	2 36	10 28	0 33	12 2	1 51	24 26	11 52	23 28	23 25	14 32	16 39	4 31
T 30	15 40	19 7	3 29	13 17	3 45	2 46	3 57	8 27	0 51	12 39	1 20	0 39	2 37	10 28	0 33	12 2	1 51	24 25	11 52	23 28	23 25	14 34	16 40	4 31
F 31	15s21	21s58	2s28	13s38	3n43	3n 8	4n 7	8s 9	0s51	12n41	1n20	0s38	2n37	10s28	0n33	12s 2	1n51	24s24	11s52	23s28	23s25	14n36	16n40	4s31

Julian Day Number = 2197343.5, Delta T = 10m18s
Ecliptic obliquity = 23°31'46, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°02'00, Lahiri = 14°09'00 Julian Calendar 1 Jan. 1304 == Greg. Calendar 9 Jan. 1304

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ASTRODIENST EPHEMERIS for the year 1304
geocentric

FEBRUARY 1304 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	9 12 1	19♒26'59	10♐54	11°R11	28♓51	12♓ 2	0°R 5	7°R36	28°R29	6°R36	24♒56	25♐45	24♐26	27♈29	4°R23	S 1
S 2	9 15 58	20°27'29	24°34	10♒13	29°18	12°48	29♌57	7♎34	28♎29	6♏36	24°57	25°R46	24°23	27°36	4♊23	S 2
M 3	9 19 54	21°27'58	8♑ 3	9°22	29°43	13°35	29°49	7°31	28°28	6°36	24°59	25°45	24°20	27°42	4°D23	M 3
T 4	9 23 51	22°28'25	21°22	8°36	0♈ 7	14°21	29°42	7°29	28°28	6°36	25° 1	25°42	24°17	27°49	4°23	T 4
W 5	9 27 47	23°28'51	4♒30	7°58	0°29	15° 8	29°34	7°26	28°27	6°36	25° 2	25°36	24°13	27°56	4°23	W 5
T 6	9 31 44	24°29'15	17°27	7°27	0°49	15°54	29°26	7°24	28°27	6°36	25° 4	25°28	24°10	28° 2	4°23	T 6
F 7	9 35 41	25°29'37	0♓12	7° 4	1° 7	16°41	29°18	7°21	28°26	6°35	25° 6	25°18	24° 7	28° 9	4°23	F 7
S 8	9 39 37	26°29'58	12°44	6°48	1°22	17°27	29°10	7°18	28°25	6°35	25° 7	25° 6	24° 4	28°16	4°24	S 8
S 9	9 43 34	27°30'17	25° 4	6°39	1°36	18°14	29° 2	7°15	28°24	6°35	25° 9	24°54	24° 1	28°22	4°24	S 9
M10	9 47 30	28°30'33	7♈12	6°D36	1°48	19° 0	28°55	7°12	28°24	6°34	25°11	24°43	23°57	28°29	4°25	M10
T 11	9 51 27	29°30'48	19°11	6°41	1°57	19°46	28°47	7° 9	28°23	6°34	25°12	24°34	23°54	28°36	4°25	T 11
W12	9 55 23	0♓31'01	1♉ 3	6°51	2° 4	20°33	28°39	7° 6	28°22	6°34	25°14	24°27	23°51	28°43	4°26	W12
T 13	9 59 20	1°31'12	12°53	7° 8	2° 9	21°19	28°31	7° 2	28°21	6°33	25°16	24°23	23°48	28°49	4°27	T 13
F 14	10 3 16	2°31'20	24°44	7°30	2°R11	22° 5	28°23	6°59	28°20	6°33	25°17	24°21	23°45	28°56	4°28	F 14
S 15	10 7 13	3°31'27	6♊42	7°57	2°11	22°51	28°15	6°56	28°19	6°32	25°19	24°D21	23°42	29° 3	4°29	S 15
S 16	10 11 9	4°31'31	18°52	8°29	2° 9	23°37	28° 8	6°52	28°18	6°32	25°21	24°R21	23°38	29° 9	4°30	S 16
M17	10 15 6	5°31'34	1♋20	9° 5	2° 4	24°23	28° 0	6°49	28°17	6°31	25°22	24°21	23°35	29°16	4°31	M17
T 18	10 19 3	6°31'34	14°11	9°45	1°56	25° 9	27°52	6°45	28°15	6°31	25°24	24°19	23°32	29°23	4°32	T 18
W19	10 22 59	7°31'32	27°27	10°29	1°46	25°55	27°44	6°41	28°14	6°30	25°26	24°16	23°29	29°29	4°33	W19
T 20	10 26 56	8°31'28	11♌11	11°17	1°33	26°41	27°37	6°38	28°13	6°29	25°27	24° 9	23°26	29°36	4°34	T 20
F 21	10 30 52	9°31'21	25°21	12° 9	1°18	27°27	27°29	6°34	28°11	6°29	25°29	24° 0	23°23	29°43	4°36	F 21
S 22	10 34 49	10°31'13	9♍53	13° 3	1° 1	28°13	27°22	6°30	28°10	6°28	25°31	23°49	23°19	29°50	4°37	S 22
S 23	10 38 45	11°31'02	24°41	14° 0	0°41	28°59	27°14	6°26	28° 9	6°27	25°32	23°37	23°16	29°56	4°39	S 23
M24	10 42 42	12°30'50	9♎35	15° 0	0°18	29°45	27° 7	6°22	28° 7	6°26	25°34	23°27	23°13	0♉ 3	4°40	M24
T 25	10 46 38	13°30'35	24°27	16° 3	29♓54	0♈30	26°59	6°18	28° 6	6°26	25°35	23°18	23°10	0°10	4°42	T 25
W26	10 50 35	14°30'19	9♏ 9	17° 8	29°27	1°16	26°52	6°14	28° 4	6°25	25°37	23°12	23° 7	0°16	4°44	W26
T 27	10 54 32	15°30'02	23°35	18°15	28°58	2° 2	26°45	6°10	28° 2	6°24	25°39	23° 8	23° 3	0°23	4°46	T 27
F 28	10 58 28	16°29'42	7♐43	19°25	28°28	2°47	26°38	6° 5	28° 1	6°23	25°40	23° 7	23° 0	0°30	4°48	F 28
S 29	11 2 25	17♓29'21	21♐32	20♒37	27♓55	3♈33	26♌31	6♎ 1	27♎59	6♏22	25♒42	23♐ 7	22♐57	0♉36	4♊49	S 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	15s 3	23s28	1s19	13s59	3n39	3n29	4n18	7s51	0s50	12n44	1n20	0s37	2n37	10s27	0n33	12s 2	1n51	24s24	11s52	23s28	23s25	14n38	16n40	4s30
S 2	14 43	23 31	0 6	14 20	3 32	3 50	4 29	7 32	0 49	12 47	1 20	0 36	2 37	10 27	0 33	12 2	1 51	24 23	11 52	23 28	23 25	14 40	16 40	4 30
M 3	14 24	22 12	1n 5	14 41	3 25	4 10	4 40	7 14	0 49	12 50	1 21	0 35	2 38	10 27	0 33	12 1	1 51	24 23	11 52	23 28	23 24	14 42	16 41	4 30
T 4	14 4	19 38	2 13	15 2	3 15	4 29	4 51	6 55	0 48	12 53	1 21	0 34	2 38	10 27	0 33	12 1	1 51	24 22	11 52	23 28	23 24	14 44	16 41	4 30
W 5	13 45	16 6	3 12	15 22	3 5	4 48	5 2	6 37	0 48	12 56	1 21	0 32	2 38	10 27	0 33	12 1	1 51	24 22	11 52	23 27	23 24	14 46	16 41	4 29
T 6	13 25	11 51	4 0	15 40	2 54	5 6	5 13	6 18	0 47	12 58	1 21	0 31	2 38	10 26	0 33	12 1	1 51	24 21	11 52	23 27	23 24	14 48	16 41	4 29
F 7	13 4	7 9	4 35	15 58	2 42	5 23	5 24	6 0	0 47	13 1	1 21	0 30	2 39	10 26	0 33	12 1	1 51	24 20	11 52	23 27	23 24	14 50	16 42	4 29
S 8	12 44	2 15	4 56	16 14	2 29	5 40	5 35	5 41	0 46	13 4	1 21	0 29	2 39	10 26	0 34	12 1	1 51	24 20	11 52	23 26	23 24	14 52	16 42	4 29
S 9	12 23	2n40	5 3	16 29	2 16	5 55	5 46	5 22	0 45	13 7	1 21	0 27	2 39	10 26	0 34	12 1	1 51	24 19	11 52	23 26	23 24	14 54	16 42	4 28
M10	12 2	7 24	4 56	16 42	2 3	6 10	5 57	5 3	0 45	13 10	1 21	0 26	2 39	10 25	0 34	12 0	1 51	24 19	11 52	23 25	23 23	14 56	16 43	4 28
T 11	11 41	11 47	4 36	16 54	1 50	6 24	6 8	4 45	0 44	13 13	1 21	0 24	2 40	10 25	0 34	12 0	1 51	24 18	11 52	23 25	23 23	14 58	16 43	4 28
W12	11 20	15 42	4 4	17 4	1 37	6 36	6 18	4 26	0 44	13 16	1 21	0 23	2 40	10 25	0 34	12 0	1 52	24 18	11 52	23 25	23 23	15 0	16 43	4 28
T 13	10 58	18 58	3 22	17 13	1 23	6 48	6 29	4 7	0 43	13 18	1 21	0 21	2 40	10 24	0 34	12 0	1 52	24 17	11 53	23 25	23 23	15 2	16 44	4 27
F 14	10 37	21 27	2 31	17 20	1 10	6 59	6 40	3 48	0 42	13 21	1 21	0 20	2 40	10 24	0 34	12 0	1 52	24 17	11 53	23 25	23 23	15 4	16 44	4 27
S 15	10 15	23 2	1 33	17 25	0 58	7 8	6 50	3 29	0 42	13 24	1 22	0 18	2 40	10 23	0 34	11 59	1 52	24 16	11 53	23 24	23 23	15 6	16 44	4 27
S 16	9 53	23 33	0 29	17 29	0 45	7 16	7 0	3 10	0 41	13 27	1 22	0 17	2 41	10 23	0 34	11 59	1 52	24 16	11 53	23 25	23 23	15 8	16 45	4 27
M17	9 31	22 54	0s37	17 31	0 33	7 23	7 10	2 52	0 41	13 29	1 22	0 15	2 41	10 23	0 34	11 59	1 52	24 15	11 53	23 25	23 22	15 10	16 45	4 26
T 18	9 9	21 4	1 43	17 32	0 21	7 29	7 19	2 33	0 40	13 32	1 22	0 14	2 41	10 22	0 34	11 59	1 52	24 15	11 53	23 24	23 22	15 12	16 46	4 26
W19	8 47	18 2	2 46	17 31	0 10	7 33	7 28	2 14	0 39	13 35	1 22	0 12	2 41	10 22	0 34	11 59	1 52	24 14	11 53	23 24	23 22	15 14	16 46	4 26
T 20	8 24	13 56	3 41	17 29	0s 2	7 36	7 37	1 55	0 39	13 38	1 22	0 10	2 41	10 21	0 34	11 58	1 52	24 14	11 53	23 24	23 22	15 15	16 47	4 26
F 21	8 2	8 58	4 25	17 25	0 12	7 38	7 46	1 36	0 38	13 40	1 22	0 9	2 41	10 21	0 34	11 58	1 52	24 13	11 53	23 24	23 22	15 17	16 47	4 26
S 22	7 39	3 23	4 52	17 20	0 23	7 38	7 53	1 17	0 38	13 43	1 22	0 7	2 42	10 20	0 34	11 58	1 52	24 13	11 53	23 23	23 22	15 19	16 48	4 25
S 23	7 16	2s29	5 1	17 13	0 33	7 37	8 1	0 58	0 37	13 45	1 22	0 5	2 42	10 20	0 34	11 57	1 52	24 12	11 53	23 23	23 21	15 21	16 48	4 25
M24	6 53	8 14	4 49	17 4	0 42	7 34	8 7	0 39	0 36	13 48	1 22	0 4	2 42	10 19	0 34	11 57	1 52	24 12	11 54	23 22	23 21	15 23	16 49	4 25
T 25	6 30	13 30	4 18	16 54	0 51	7 30	8 13	0 21	0 36	13 50	1 22	0 2	2 42	10 19	0 34	11 57	1 52	24 11	11 54	23 22	23 21	15 25	16 49	4 25
W26	6 7	17 55	3 30	16 43	1 0	7 24	8 19	0 2	0 35	13 53	1 22	0 0	2 42	10 18	0 34	11 56	1 52	24 11	11 54	23 21	23 21	15 27	16 50	4 24
T 27	5 44	21 9	2 29	16 30	1 9	7 16	8 23	0n17	0 34	13 55	1 22	0n 2	2 42	10 17	0 34	11 56	1 52	24 10	11 54	23 21	23 21	15 29	16 50	4 24
F 28	5 21	23 0	1 20	16 16	1 16	7 8	8 27	0 36	0 34	13 58	1 22	0 3	2 42	10 17	0 34	11 56	1 52	24 10	11 54	23 21	23 21	15 31	16 51	4 24
S 29	4s58	23s24	0s 8	16s 0	1s24	6n58	8n30	0n54	0s33	14n 0	1n22	0n 5	2n43	10s16	0n34	11s55	1n52	24s10	11s54	23s21	23s20	15n33	16n51	4s24

Julian Day Number = 2197374.5, Delta T = 10m18s
Ecliptic obliquity = 23°31'46, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°02'04, Lahiri = 14°09'05 Julian Calendar 1 Feb. 1304 == Greg. Calendar 9 Feb. 1304

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ASTRODIENST EPHEMERIS for the year 1304
geocentric

MARCH 1304 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	11 6 21	18♓28'58	5♉ 2	21♒51	27°R22	4♈18	26°R24	5°R57	27°R57	6°R21	25♒43	23°R 6	22♐54	0♌43	4♊51	S 1
M 2	11 10 18	19°28'34	18°17	23° 6	26♓47	5° 4	26♎17	5♎53	27♎56	6♏20	25°45	23♐ 5	22°51	0°50	4°54	M 2
T 3	11 14 14	20°28'07	1♒17	24°24	26°11	5°49	26°11	5°48	27°54	6°19	25°46	23° 1	22°48	0°56	4°56	T 3
W 4	11 18 11	21°27'39	14° 5	25°43	25°34	6°35	26° 4	5°44	27°52	6°18	25°48	22°53	22°44	1° 3	4°58	W 4
T 5	11 22 7	22°27'09	26°42	27° 4	24°57	7°20	25°58	5°39	27°50	6°17	25°49	22°43	22°41	1°10	5° 0	T 5
F 6	11 26 4	23°26'36	9♓ 9	28°26	24°19	8° 5	25°51	5°35	27°48	6°16	25°51	22°31	22°38	1°17	5° 3	F 6
S 7	11 30 1	24°26'02	21°27	29°51	23°41	8°51	25°45	5°31	27°46	6°15	25°53	22°17	22°35	1°23	5° 5	S 7
S 8	11 33 57	25°25'26	3♈36	1♓16	23° 4	9°36	25°39	5°26	27°44	6°14	25°54	22° 2	22°32	1°30	5° 8	S 8
M 9	11 37 54	26°24'47	15°37	2°44	22°26	10°21	25°33	5°21	27°42	6°13	25°55	21°49	22°28	1°37	5°10	M 9
T 10	11 41 50	27°24'07	27°32	4°13	21°50	11° 6	25°28	5°17	27°40	6°12	25°57	21°37	22°25	1°43	5°13	T 10
W11	11 45 47	28°23'24	9♉22	5°43	21°14	11°51	25°22	5°12	27°38	6°10	25°58	21°28	22°22	1°50	5°15	W11
T 12	11 49 43	29°22'39	21°10	7°15	20°39	12°36	25°16	5° 8	27°36	6° 9	26° 0	21°22	22°19	1°57	5°18	T 12
F 13	11 53 40	0♈21'52	3♊ 0	8°48	20° 6	13°21	25°11	5° 3	27°34	6° 8	26° 1	21°19	22°16	2° 3	5°21	F 13
S 14	11 57 36	1°21'02	14°56	10°23	19°34	14° 6	25° 6	4°59	27°32	6° 7	26° 3	21°18	22°13	2°10	5°24	S 14
S 15	12 1 33	2°20'10	27° 4	11°59	19° 4	14°51	25° 1	4°54	27°29	6° 5	26° 4	21°18	22° 9	2°17	5°27	S 15
M16	12 5 30	3°19'16	9♋29	13°37	18°36	15°36	24°56	4°49	27°27	6° 4	26° 6	21°18	22° 6	2°23	5°30	M16
T 17	12 9 26	4°18'19	22°15	15°16	18°10	16°21	24°51	4°45	27°25	6° 3	26° 7	21°16	22° 3	2°30	5°33	T 17
W18	12 13 23	5°17'20	5♌29	16°56	17°46	17° 5	24°47	4°40	27°23	6° 2	26° 8	21°13	22° 0	2°37	5°36	W18
T 19	12 17 19	6°16'19	19°11	18°38	17°24	17°50	24°42	4°35	27°20	6° 0	26°10	21° 8	21°57	2°44	5°39	T 19
F 20	12 21 16	7°15'15	3♍23	20°21	17° 4	18°35	24°38	4°31	27°18	5°59	26°11	21° 0	21°54	2°50	5°43	F 20
S 21	12 25 12	8°14'09	18° 2	22° 6	16°47	19°19	24°34	4°26	27°16	5°57	26°12	20°50	21°50	2°57	5°46	S 21
S 22	12 29 9	9°13'01	3♎ 2	23°53	16°32	20° 4	24°30	4°21	27°13	5°56	26°14	20°39	21°47	3° 4	5°49	S 22
M23	12 33 5	10°11'51	18°14	25°41	16°20	20°48	24°26	4°17	27°11	5°55	26°15	20°29	21°44	3°10	5°53	M23
T 24	12 37 2	11°10'39	3♏26	27°30	16°10	21°33	24°23	4°12	27° 8	5°53	26°16	20°21	21°41	3°17	5°56	T 24
W25	12 40 58	12° 9'25	18°28	29°21	16° 2	22°17	24°19	4° 8	27° 6	5°52	26°17	20°15	21°38	3°24	6° 0	W25
T 26	12 44 55	13° 8'10	3♐13	1♈13	15°57	23° 1	24°16	4° 3	27° 4	5°50	26°19	20°12	21°34	3°30	6° 3	T 26
F 27	12 48 52	14° 6'52	17°36	3° 7	15°55	23°46	24°13	3°59	27° 1	5°49	26°20	20°D10	21°31	3°37	6° 7	F 27
S 28	12 52 48	15° 5'33	1♑33	5° 3	15°D55	24°30	24°10	3°54	26°59	5°47	26°21	20°11	21°28	3°44	6°10	S 28
S 29	12 56 45	16° 4'12	15° 7	7° 0	15°57	25°14	24° 7	3°50	26°56	5°46	26°22	20°R11	21°25	3°50	6°14	S 29
M30	13 0 41	17° 2'50	28°18	8°58	16° 2	25°58	24° 5	3°45	26°54	5°44	26°23	20°11	21°22	3°57	6°18	M30
T 31	13 4 38	18♈ 1'26	11♒11	10♈58	16♓ 9	26♈42	24♎ 2	3♎41	26♎51	5♏43	26♒25	20♐ 8	21♐19	4♌ 4	6♊22	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	4s34	22s23	1n 3	15s43	1s31	6n46	8n32	1n13	0s33	14n 2	1n22	0n 7	2n43	10s16	0n34	11s55	1n53	24s 9	11s54	23s21	23s20	15n34	16n52	4s23
M 2	4 11	20 9	2 9	15 24	1 37	6 33	8 33	1 32	0 32	14 5	1 22	0 9	2 43	10 15	0 34	11 55	1 53	24 9	11 55	23 21	23 20	15 36	16 53	4 23
T 3	3 47	16 55	3 7	15 4	1 44	6 19	8 33	1 51	0 31	14 7	1 22	0 11	2 43	10 14	0 34	11 54	1 53	24 8	11 55	23 21	23 20	15 38	16 53	4 23
W 4	3 24	12 55	3 54	14 43	1 49	6 4	8 33	2 9	0 31	14 9	1 22	0 13	2 43	10 14	0 34	11 54	1 53	24 8	11 55	23 20	23 20	15 40	16 54	4 23
T 5	3 0	8 26	4 30	14 20	1 55	5 48	8 31	2 28	0 30	14 11	1 21	0 14	2 43	10 13	0 34	11 54	1 53	24 8	11 55	23 20	23 20	15 42	16 54	4 23
F 6	2 37	3 40	4 52	13 56	1 59	5 31	8 28	2 46	0 29	14 13	1 21	0 16	2 43	10 12	0 34	11 53	1 53	24 7	11 55	23 19	23 19	15 44	16 55	4 22
S 7	2 13	1n11	4 59	13 30	2 4	5 12	8 25	3 5	0 29	14 15	1 21	0 18	2 43	10 11	0 34	11 53	1 53	24 7	11 55	23 18	23 19	15 46	16 56	4 22
S 8	1 50	5 55	4 54	13 3	2 8	4 53	8 20	3 23	0 28	14 17	1 21	0 20	2 43	10 11	0 34	11 52	1 53	24 7	11 56	23 17	23 19	15 47	16 56	4 22
M 9	1 26	10 23	4 35	12 35	2 11	4 34	8 15	3 42	0 27	14 19	1 21	0 22	2 44	10 10	0 34	11 52	1 53	24 6	11 56	23 17	23 19	15 49	16 57	4 22
T 10	1 2	14 25	4 4	12 5	2 14	4 14	8 9	4 0	0 27	14 21	1 21	0 24	2 44	10 9	0 34	11 52	1 53	24 6	11 56	23 16	23 19	15 51	16 58	4 21
W11	0 39	17 52	3 22	11 34	2 17	3 53	8 2	4 18	0 26	14 23	1 21	0 26	2 44	10 8	0 34	11 51	1 53	24 5	11 56	23 15	23 19	15 53	16 58	4 21
T 12	0 15	20 34	2 32	11 2	2 19	3 32	7 54	4 36	0 26	14 25	1 21	0 27	2 44	10 8	0 34	11 51	1 53	24 5	11 56	23 15	23 18	15 55	16 59	4 21
F 13	0n 9	22 24	1 35	10 28	2 21	3 11	7 45	4 55	0 25	14 27	1 21	0 29	2 44	10 7	0 34	11 50	1 53	24 5	11 57	23 15	23 18	15 57	17 0	4 21
S 14	0 32	23 14	0 34	9 53	2 22	2 50	7 36	5 13	0 24	14 28	1 21	0 31	2 44	10 6	0 34	11 50	1 53	24 5	11 57	23 15	23 18	15 58	17 0	4 21
S 15	0 56	22 59	0s31	9 17	2 22	2 29	7 26	5 31	0 24	14 30	1 21	0 33	2 44	10 5	0 34	11 49	1 53	24 4	11 57	23 15	23 18	16 0	17 1	4 20
M16	1 20	21 37	1 35	8 40	2 23	2 9	7 15	5 49	0 23	14 32	1 21	0 35	2 44	10 5	0 34	11 49	1 53	24 4	11 57	23 15	23 18	16 2	17 2	4 20
T 17	1 43	19 7	2 36	8 1	2 22	1 48	7 4	6 6	0 22	14 33	1 21	0 37	2 44	10 4	0 34	11 48	1 53	24 4	11 57	23 14	23 17	16 4	17 3	4 20
W18	2 7	15 33	3 32	7 21	2 21	1 28	6 52	6 24	0 22	14 34	1 20	0 39	2 44	10 3	0 34	11 48	1 53	24 3	11 58	23 14	23 17	16 6	17 3	4 20
T 19	2 30	11 4	4 17	6 40	2 20	1 9	6 40	6 42	0 21	14 36	1 20	0 41	2 44	10 2	0 34	11 47	1 53	24 3	11 58	23 14	23 17	16 7	17 4	4 20
F 20	2 53	5 50	4 48	5 57	2 18	0 50	6 28	7 0	0 20	14 37	1 20	0 42	2 44	10 1	0 34	11 47	1 53	24 3	11 58	23 13	23 17	16 9	17 5	4 20
S 21	3 17	0 7	5 2	5 14	2 16	0 32	6 16	7 17	0 20	14 38	1 20	0 44	2 44	10 0	0 34	11 46	1 53	24 3	11 58	23 13	23 17	16 11	17 5	4 19
S 22	3 40	5s43	4 55	4 29	2 13	0 14	6 3	7 35	0 19	14 40	1 20	0 46	2 44	10 0	0 34	11 46	1 53	24 2	11 59	23 12	23 16	16 13	17 6	4 19
M23	4 3	11 18	4 28	3 43	2 10	0s 3	5 50	7 52	0 18	14 41	1 20	0 48	2 44	9 59	0 34	11 46	1 53	24 2	11 59	23 11	23 16	16 14	17 7	4 19
T 24	4 26	16 10	3 41	2 56	2 6	0 18	5 37	8 9	0 18	14 42	1 20	0 50	2 44	9 58	0 34	11 45	1 53	24 2	11 59	23 11	23 16	16 16	17 8	4 19
W25	4 49	19 57	2 40	2 7	2 2	0 34	5 23	8 27	0 17	14 43	1 20	0 52	2 44	9 57	0 34	11 44	1 53	24 2	11 59	23 10	23 16	16 18	17 8	4 19
T 26	5 12	22 20	1 29	1 18	1 57	0 48	5 10	8 44	0 17	14 44	1 19	0 53	2 44	9 56	0 34	11 44	1 53	24 1	12 0	23 10	23 16	16 20	17 9	4 19
F 27	5 35	23 11	0 14	0 28	1 52	1 1	4 57	9 1	0 16	14 45	1 19	0 55	2 44	9 55	0 34	11 43	1 54	24 1	12 0	23 10	23 15	16 22	17 10	4 18
S 28	5 58	22 31	1n 0	0n24	1 46	1 13	4 44	9 18	0 15	14 46	1 19	0 57	2 44	9 54	0 34	11 43	1 54	24 1	12 0	23 10	23 15	16 23	17 11	4 18
S 29	6 21	20 32	2 9	1 16	1 39	1 24	4 30	9 34	0 15	14 46	1 19	0 59	2 44	9 53	0 34	11 42	1 54	24 1	12 0	23 10	23 15	16 25	17 12	4 18
M30	6 43	17 30	3 9	2 9	1 33	1 35	4 17	9 51	0 14	14 47	1 19	1 0	2 44	9 53	0 34	11 42	1 54	24 1	12 1	23 10	23 15	16 27	17 12	4 18
T 31	7n 6	13s41	3n57	3n 3	1s25	1s44	4n 4	10n 8	0s13	14n48	1n19	1n 2	2n44	9s52	0n34	11s41	1n54	24s 1	12s 1	23s10	23s15	16n29	17n13	4s18

Julian Day Number = 2197403.5, Delta T = 10m18s
Ecliptic obliquity = 23°31'46, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°02'08, Lahiri = 14°09'09 Julian Calendar 1 March 1304 == Greg. Calendar 9 March 1304

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ASTRODIENST EPHEMERIS for the year 1304
geocentric

APRIL 1304 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	13 8 34	19♈ 0'00	23♒48	13♈ 0	16♓18	27♈26	24°R 0	3°R36	26°R49	5°R41	26♒26	20°R 3	21♐15	4♉10	6♊26	W 1
T 2	13 12 31	19°58'32	6♓12	15° 2	16°29	28°10	23♌58	3♎32	26♎46	5♏40	26°27	19♐56	21°12	4°17	6°30	T 2
F 3	13 16 27	20°57'02	18°26	17° 6	16°42	28°54	23°56	3°28	26°44	5°38	26°28	19°46	21° 9	4°24	6°34	F 3
S 4	13 20 24	21°55'31	0♈32	19°12	16°58	29°38	23°55	3°23	26°41	5°37	26°29	19°36	21° 6	4°31	6°38	S 4
S 5	13 24 21	22°53'58	12°31	21°18	17°15	0♉22	23°53	3°19	26°39	5°35	26°30	19°24	21° 3	4°37	6°42	S 5
M 6	13 28 17	23°52'23	24°25	23°25	17°34	1° 6	23°52	3°15	26°36	5°33	26°31	19°14	20°59	4°44	6°46	M 6
T 7	13 32 14	24°50'46	6♉15	25°33	17°55	1°50	23°51	3°11	26°34	5°32	26°32	19° 5	20°56	4°51	6°50	T 7
W 8	13 36 10	25°49'08	18° 4	27°41	18°18	2°33	23°50	3° 7	26°31	5°30	26°33	18°58	20°53	4°57	6°54	W 8
T 9	13 40 7	26°47'27	29°53	29°50	18°42	3°17	23°50	3° 3	26°28	5°29	26°34	18°54	20°50	5° 4	6°58	T 9
F 10	13 44 3	27°45'45	11♊45	1♉59	19° 9	4° 1	23°49	2°59	26°26	5°27	26°35	18°52	20°47	5°11	7° 3	F 10
S 11	13 48 0	28°44'00	23°44	4° 8	19°36	4°44	23°49	2°55	26°23	5°25	26°36	18°D52	20°44	5°17	7° 7	S 11
S 12	13 51 56	29°42'14	5♋54	6°16	20° 6	5°28	23°D49	2°51	26°21	5°24	26°37	18°53	20°40	5°24	7°11	S 12
M13	13 55 53	0♉40'25	18°18	8°23	20°36	6°11	23°49	2°47	26°18	5°22	26°38	18°54	20°37	5°31	7°16	M13
T 14	13 59 50	1°38'35	1♌ 2	10°30	21° 8	6°54	23°49	2°43	26°16	5°21	26°39	18°R55	20°34	5°37	7°20	T 14
W15	14 3 46	2°36'42	14°10	12°35	21°42	7°38	23°50	2°40	26°13	5°19	26°39	18°54	20°31	5°44	7°25	W15
T 16	14 7 43	3°34'47	27°46	14°38	22°17	8°21	23°50	2°36	26°11	5°17	26°40	18°52	20°28	5°51	7°29	T 16
F 17	14 11 39	4°32'51	11♍50	16°40	22°53	9° 4	23°51	2°32	26° 8	5°16	26°41	18°47	20°25	5°57	7°34	F 17
S 18	14 15 36	5°30'52	26°23	18°39	23°30	9°47	23°52	2°29	26° 6	5°14	26°42	18°42	20°21	6° 4	7°38	S 18
S 19	14 19 32	6°28'52	11♎18	20°35	24° 8	10°30	23°53	2°25	26° 3	5°12	26°43	18°36	20°18	6°11	7°43	S 19
M20	14 23 29	7°26'49	26°29	22°30	24°48	11°13	23°54	2°22	26° 1	5°11	26°43	18°30	20°15	6°17	7°48	M20
T 21	14 27 25	8°24'46	11♏46	24°21	25°28	11°56	23°56	2°19	25°58	5° 9	26°44	18°25	20°12	6°24	7°52	T 21
W22	14 31 22	9°22'40	26°58	26° 9	26°10	12°39	23°58	2°15	25°56	5° 8	26°45	18°21	20° 9	6°31	7°57	W22
T 23	14 35 19	10°20'34	11♐56	27°54	26°53	13°22	24° 0	2°12	25°53	5° 6	26°45	18°D20	20° 5	6°38	8° 2	T 23
F 24	14 39 15	11°18'25	26°31	29°36	27°36	14° 5	24° 2	2° 9	25°51	5° 4	26°46	18°20	20° 2	6°44	8° 6	F 24
S 25	14 43 12	12°16'16	10♑41	1♊15	28°21	14°48	24° 4	2° 6	25°49	5° 3	26°47	18°21	19°59	6°51	8°11	S 25
S 26	14 47 8	13°14'05	24°24	2°50	29° 6	15°31	24° 6	2° 3	25°46	5° 1	26°47	18°22	19°56	6°58	8°16	S 26
M27	14 51 5	14°11'53	7♒42	4°22	29°53	16°13	24° 9	2° 0	25°44	4°59	26°48	18°23	19°53	7° 4	8°21	M27
T 28	14 55 1	15° 9'40	20°36	5°50	0♈40	16°56	24°12	1°58	25°41	4°58	26°48	18°R24	19°50	7°11	8°26	T 28
W29	14 58 58	16° 7'26	3♓11	7°15	1°28	17°39	24°15	1°55	25°39	4°56	26°49	18°22	19°46	7°18	8°31	W29
T 30	15 2 54	17♉ 5'10	15♓30	8♊35	2♈16	18♉21	24♌18	1♎52	25♎37	4♏55	26♒49	18♐19	19♐43	7♉24	8♊35	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	7n28	9s20	4n33	3n58	1s17	1s52	3n52	10n24	0s13	14n48	1n19	1n 4	2n44	9s51	0n34	11s41	1n54	24s 0	12s 1	23s 9	23s14	16n30	17n14	4s18
T 2	7 50	4 41	4 56	4 53	1 9	2 0	3 39	10 41	0 12	14 49	1 18	1 5	2 44	9 50	0 34	11 40	1 54	24 0	12 1	23 9	23 14	16 32	17 15	4 17
F 3	8 12	0n 4	5 4	5 49	1 0	2 6	3 26	10 57	0 11	14 49	1 18	1 7	2 44	9 49	0 34	11 40	1 54	24 0	12 2	23 8	23 14	16 34	17 16	4 17
S 4	8 34	4 46	4 59	6 45	0 51	2 11	3 14	11 13	0 11	14 50	1 18	1 9	2 43	9 48	0 34	11 39	1 54	24 0	12 2	23 7	23 14	16 35	17 16	4 17
S 5	8 56	9 15	4 40	7 42	0 42	2 16	3 2	11 29	0 10	14 50	1 18	1 10	2 43	9 47	0 34	11 39	1 54	24 0	12 2	23 6	23 14	16 37	17 17	4 17
M 6	9 18	13 22	4 10	8 38	0 32	2 19	2 50	11 45	0 9	14 50	1 18	1 12	2 43	9 46	0 34	11 38	1 54	24 0	12 3	23 5	23 13	16 39	17 18	4 17
T 7	9 39	16 56	3 28	9 35	0 22	2 22	2 38	12 1	0 9	14 50	1 18	1 14	2 43	9 45	0 34	11 38	1 54	24 0	12 3	23 5	23 13	16 41	17 19	4 17
W 8	10 1	19 48	2 38	10 31	0 11	2 24	2 27	12 17	0 8	14 51	1 18	1 15	2 43	9 44	0 34	11 37	1 54	24 0	12 3	23 4	23 13	16 42	17 20	4 17
T 9	10 22	21 50	1 40	11 27	0 1	2 25	2 15	12 32	0 7	14 51	1 17	1 17	2 43	9 43	0 34	11 37	1 54	24 0	12 3	23 4	23 13	16 44	17 20	4 17
F 10	10 43	22 55	0 38	12 22	0n10	2 24	2 4	12 48	0 7	14 51	1 17	1 18	2 43	9 42	0 34	11 36	1 54	24 0	12 4	23 4	23 12	16 46	17 21	4 16
S 11	11 4	22 57	0s26	13 16	0 21	2 24	1 53	13 3	0 6	14 51	1 17	1 20	2 43	9 42	0 34	11 35	1 54	24 0	12 4	23 4	23 12	16 47	17 22	4 16
S 12	11 25	21 53	1 31	14 9	0 31	2 22	1 43	13 18	0 6	14 50	1 17	1 21	2 43	9 41	0 34	11 35	1 54	23 59	12 4	23 4	23 12	16 49	17 23	4 16
M13	11 45	19 46	2 32	15 1	0 42	2 19	1 32	13 33	0 5	14 50	1 17	1 22	2 43	9 40	0 34	11 34	1 54	23 59	12 5	23 4	23 12	16 51	17 24	4 16
T 14	12 5	16 37	3 28	15 51	0 52	2 16	1 22	13 48	0 4	14 50	1 17	1 24	2 42	9 39	0 34	11 34	1 54	23 59	12 5	23 4	23 12	16 52	17 24	4 16
W15	12 25	12 35	4 15	16 40	1 3	2 12	1 12	14 3	0 4	14 50	1 16	1 25	2 42	9 38	0 34	11 33	1 54	23 59	12 5	23 4	23 11	16 54	17 25	4 16
T 16	12 45	7 46	4 49	17 27	1 13	2 7	1 3	14 18	0 3	14 49	1 16	1 27	2 42	9 37	0 34	11 33	1 54	23 59	12 6	23 4	23 11	16 56	17 26	4 16
F 17	13 5	2 25	5 7	18 11	1 22	2 1	0 53	14 32	0 2	14 49	1 16	1 28	2 42	9 36	0 34	11 32	1 54	23 59	12 6	23 3	23 11	16 57	17 27	4 16
S 18	13 25	3s14	5 7	18 54	1 31	1 55	0 44	14 46	0 2	14 48	1 16	1 29	2 42	9 35	0 34	11 32	1 54	23 59	12 6	23 3	23 11	16 59	17 28	4 16
S 19	13 44	8 52	4 46	19 34	1 40	1 48	0 35	15 1	0 1	14 48	1 16	1 30	2 42	9 34	0 34	11 31	1 54	23 59	12 7	23 2	23 10	17 1	17 28	4 16
M20	14 3	14 3	4 4	20 12	1 47	1 40	0 27	15 15	0 0	14 47	1 16	1 32	2 42	9 33	0 34	11 31	1 54	24 0	12 7	23 2	23 10	17 2	17 29	4 16
T 21	14 22	18 22	3 5	20 47	1 55	1 32	0 18	15 29	0n 0	14 47	1 15	1 33	2 42	9 33	0 34	11 30	1 54	24 0	12 7	23 1	23 10	17 4	17 30	4 16
W22	14 40	21 24	1 54	21 20	2 1	1 22	0 10	15 42	0 1	14 46	1 15	1 34	2 41	9 32	0 34	11 29	1 54	24 0	12 8	23 1	23 10	17 6	17 31	4 15
T 23	14 59	22 53	0 35	21 50	2 7	1 13	0 2	15 56	0 1	14 45	1 15	1 35	2 41	9 31	0 34	11 29	1 54	24 0	12 8	23 1	23 9	17 7	17 32	4 15
F 24	15 17	22 44	0n45	22 18	2 12	1 2	0s 6	16 10	0 2	14 44	1 15	1 36	2 41	9 30	0 34	11 28	1 54	24 0	12 8	23 1	23 9	17 9	17 32	4 15
S 25	15 35	21 7	1 59	22 43	2 17	0 52	0 13	16 23	0 3	14 43	1 15	1 37	2 41	9 29	0 34	11 28	1 54	24 0	12 9	23 1	23 9	17 11	17 33	4 15
S 26	15 52	18 18	3 4	23 6	2 20	0 40	0 20	16 36	0 3	14 42	1 15	1 38	2 41	9 28	0 34	11 27	1 54	24 0	12 9	23 1	23 9	17 12	17 34	4 15
M27	16 10	14 35	3 57	23 26	2 23	0 28	0 27	16 49	0 4	14 41	1 14	1 39	2 41	9 27	0 34	11 27	1 54	24 0	12 9	23 1	23 8	17 14	17 35	4 15
T 28	16 27	10 18	4 37	23 44	2 25	0 16	0 34	17 2	0 5	14 40	1 14	1 40	2 40	9 26	0 34	11 26	1 54	24 0	12 10	23 1	23 8	17 15	17 35	4 15
W29	16 43	5 41	5 2	24 0	2 26	0 3	0 41	17 15	0 5	14 39	1 14	1 41	2 40	9 26	0 34	11 26	1 54	24 0	12 10	23 1	23 8	17 17	17 36	4 15
T 30	17n 0	0s57	5n12	24n13	2n26	0n11	0s47	17n27	0n 6	14n38	1n14	1n42	2n40	9s25	0n34	11s25	1n54	24s 0	12s10	23s 1	23s 8	17n19	17n37	4s15

Julian Day Number = 2197434.5, Delta T = 10m18s
Ecliptic obliquity = 23°31'46, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°02'12, Lahiri = 14°09'13 Julian Calendar 1 Apr. 1304 == Greg. Calendar 9 Apr. 1304

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ASTRODIENST EPHEMERIS for the year 1304
geocentric

MAY 1304 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	15 6 51	18♉ 2'53	27♓37	9♊53	3♈ 6	19♉ 4	24♌21	1°R50	25°R34	4°R53	26♒50	18°R16	19♐40	7♉31	8♊40	F 1
S 2	15 10 48	19° 0'36	9♈35	11° 6	3°56	19°46	24°24	1♎48	25♎32	4♏51	26°50	18♐11	19°37	7°38	8°45	S 2
S 3	15 14 44	19°58'17	21°28	12°16	4°47	20°29	24°28	1°45	25°30	4°50	26°51	18° 6	19°34	7°44	8°50	S 3
M 4	15 18 41	20°55'56	3♉18	13°22	5°38	21°11	24°32	1°43	25°28	4°48	26°51	18° 1	19°31	7°51	8°55	M 4
T 5	15 22 37	21°53'35	15° 7	14°24	6°30	21°53	24°36	1°41	25°25	4°47	26°51	17°57	19°27	7°58	9° 0	T 5
W 6	15 26 34	22°51'13	26°57	15°22	7°23	22°36	24°40	1°39	25°23	4°45	26°52	17°54	19°24	8° 4	9° 5	W 6
T 7	15 30 30	23°48'49	8♊51	16°16	8°16	23°18	24°44	1°37	25°21	4°44	26°52	17°53	19°21	8°11	9°10	T 7
F 8	15 34 27	24°46'24	20°50	17° 5	9°10	24° 0	24°48	1°35	25°19	4°42	26°52	17°D53	19°18	8°18	9°16	F 8
S 9	15 38 23	25°43'58	2♋57	17°51	10° 4	24°42	24°53	1°33	25°17	4°41	26°53	17°53	19°15	8°24	9°21	S 9
S 10	15 42 20	26°41'30	15°15	18°32	10°59	25°24	24°58	1°31	25°15	4°39	26°53	17°55	19°11	8°31	9°26	S 10
M11	15 46 17	27°39'01	27°46	19° 9	11°54	26° 6	25° 3	1°30	25°13	4°38	26°53	17°56	19° 8	8°38	9°31	M11
T 12	15 50 13	28°36'31	10♌34	19°42	12°50	26°48	25° 8	1°28	25°11	4°36	26°53	17°57	19° 5	8°44	9°36	T 12
W13	15 54 10	29°33'59	23°42	20°10	13°46	27°30	25°13	1°27	25° 9	4°35	26°54	17°R58	19° 2	8°51	9°41	W13
T 14	15 58 6	0♊31'26	7♍13	20°33	14°42	28°12	25°18	1°26	25° 7	4°33	26°54	17°58	18°59	8°58	9°46	T 14
F 15	16 2 3	1°28'52	21° 8	20°52	15°39	28°54	25°24	1°24	25° 5	4°32	26°54	17°57	18°56	9° 4	9°51	F 15
S 16	16 5 59	2°26'16	5♎27	21° 7	16°37	29°36	25°29	1°23	25° 3	4°31	26°54	17°56	18°52	9°11	9°57	S 16
S 17	16 9 56	3°23'39	20° 7	21°16	17°35	0♊17	25°35	1°22	25° 1	4°29	26°54	17°54	18°49	9°18	10° 2	S 17
M18	16 13 52	4°21'02	5♏ 3	21°21	18°33	0°59	25°41	1°21	25° 0	4°28	26°54	17°53	18°46	9°25	10° 7	M18
T 19	16 17 49	5°18'23	20° 8	21°R22	19°32	1°41	25°47	1°21	24°58	4°27	26°54	17°51	18°43	9°31	10°12	T 19
W20	16 21 46	6°15'43	5♐13	21°18	20°31	2°22	25°53	1°20	24°56	4°25	26°R54	17°51	18°40	9°38	10°17	W20
T 21	16 25 42	7°13'02	20° 9	21° 9	21°30	3° 4	26° 0	1°19	24°55	4°24	26°54	17°D50	18°37	9°45	10°23	T 21
F 22	16 29 39	8°10'21	4♑49	20°57	22°30	3°45	26° 6	1°19	24°53	4°23	26°54	17°51	18°33	9°51	10°28	F 22
S 23	16 33 35	9° 7'39	19° 6	20°40	23°30	4°27	26°13	1°18	24°51	4°21	26°54	17°51	18°30	9°58	10°33	S 23
S 24	16 37 32	10° 4'57	2♒57	20°20	24°30	5° 8	26°20	1°18	24°50	4°20	26°54	17°52	18°27	10° 5	10°38	S 24
M25	16 41 28	11° 2'14	16°21	19°57	25°31	5°49	26°26	1°18	24°48	4°19	26°54	17°53	18°24	10°11	10°44	M25
T 26	16 45 25	11°59'30	29°21	19°30	26°32	6°31	26°33	1°18	24°47	4°18	26°54	17°53	18°21	10°18	10°49	T 26
W27	16 49 21	12°56'46	11♓59	19° 1	27°33	7°12	26°41	1°D18	24°45	4°16	26°53	17°R53	18°17	10°25	10°54	W27
T 28	16 53 18	13°54'02	24°19	18°30	28°35	7°53	26°48	1°18	24°44	4°15	26°53	17°53	18°14	10°31	10°59	T 28
F 29	16 57 15	14°51'18	6♈24	17°57	29°37	8°34	26°55	1°18	24°43	4°14	26°53	17°53	18°11	10°38	11° 4	F 29
S 30	17 1 11	15°48'33	18°20	17°23	0♉39	9°15	27° 3	1°18	24°41	4°13	26°53	17°53	18° 8	10°45	11°10	S 30
S 31	17 5 8	16♊45'48	0♉11	16♊49	1♉41	9♊56	27♌11	1♎18	24♎40	4♏12	26♒53	17♐52	18♐ 5	10♉51	11♊15	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	17n16	3n46	5n 8	24n24	2n25	0n25	0s54	17n39	0n 6	14n37	1n14	1n43	2n40	9s24	0n34	11s25	1n54	24s 1	12s11	23s 0	23s 8	17n20	17n38	4s15
S 2	17 32	8 16	4 51	24 34	2 23	0 39	1 0	17 52	0 7	14 35	1 14	1 43	2 40	9 23	0 34	11 24	1 54	24 1	12 11	23 0	23 7	17 22	17 39	4 15
S 3	17 48	12 26	4 21	24 41	2 21	0 54	1 5	18 4	0 8	14 34	1 13	1 44	2 39	9 22	0 34	11 24	1 54	24 1	12 11	23 0	23 7	17 23	17 39	4 15
M 4	18 3	16 7	3 41	24 46	2 18	1 10	1 11	18 15	0 8	14 33	1 13	1 45	2 39	9 22	0 34	11 23	1 54	24 1	12 12	22 59	23 7	17 25	17 40	4 15
T 5	18 18	19 9	2 50	24 49	2 13	1 25	1 16	18 27	0 9	14 31	1 13	1 46	2 39	9 21	0 34	11 23	1 54	24 1	12 12	22 59	23 7	17 27	17 41	4 15
W 6	18 33	21 23	1 53	24 50	2 8	1 41	1 22	18 39	0 10	14 30	1 13	1 46	2 39	9 20	0 34	11 22	1 54	24 1	12 12	22 59	23 6	17 28	17 42	4 15
T 7	18 48	22 40	0 50	24 50	2 2	1 58	1 27	18 50	0 10	14 28	1 13	1 47	2 39	9 19	0 34	11 22	1 54	24 2	12 13	22 58	23 6	17 30	17 42	4 15
F 8	19 2	22 56	0s16	24 48	1 55	2 15	1 31	19 1	0 11	14 26	1 13	1 47	2 38	9 19	0 34	11 21	1 54	24 2	12 13	22 58	23 6	17 31	17 43	4 15
S 9	19 16	22 8	1 22	24 45	1 47	2 32	1 36	19 12	0 11	14 25	1 12	1 48	2 38	9 18	0 34	11 21	1 54	24 2	12 13	22 58	23 5	17 33	17 44	4 15
S 10	19 29	20 15	2 25	24 39	1 38	2 49	1 41	19 23	0 12	14 23	1 12	1 48	2 38	9 17	0 34	11 20	1 54	24 2	12 14	22 59	23 5	17 34	17 45	4 15
M11	19 43	17 22	3 23	24 33	1 28	3 7	1 45	19 33	0 13	14 21	1 12	1 49	2 38	9 16	0 34	11 20	1 54	24 3	12 14	22 59	23 5	17 36	17 45	4 15
T 12	19 55	13 37	4 11	24 25	1 18	3 25	1 49	19 44	0 13	14 19	1 12	1 49	2 38	9 16	0 33	11 19	1 53	24 3	12 14	22 59	23 5	17 37	17 46	4 15
W13	20 8	9 8	4 48	24 16	1 6	3 43	1 53	19 54	0 14	14 17	1 12	1 50	2 37	9 15	0 33	11 19	1 53	24 3	12 15	22 59	23 4	17 39	17 47	4 15
T 14	20 20	4 5	5 11	24 5	0 54	4 2	1 57	20 4	0 14	14 15	1 12	1 50	2 37	9 14	0 33	11 18	1 53	24 3	12 15	22 59	23 4	17 40	17 47	4 15
F 15	20 32	1s18	5 16	23 53	0 41	4 20	2 0	20 14	0 15	14 13	1 11	1 50	2 37	9 14	0 33	11 18	1 53	24 4	12 15	22 59	23 4	17 42	17 48	4 15
S 16	20 44	6 47	5 2	23 41	0 27	4 39	2 3	20 24	0 16	14 11	1 11	1 50	2 37	9 13	0 33	11 18	1 53	24 4	12 16	22 59	23 4	17 44	17 49	4 15
S 17	20 55	12 1	4 28	23 27	0 12	4 59	2 7	20 33	0 16	14 9	1 11	1 51	2 36	9 12	0 33	11 17	1 53	24 4	12 16	22 59	23 3	17 45	17 50	4 15
M18	21 6	16 38	3 35	23 12	0s 3	5 18	2 10	20 42	0 17	14 7	1 11	1 51	2 36	9 12	0 33	11 17	1 53	24 5	12 16	22 58	23 3	17 47	17 50	4 15
T 19	21 16	20 13	2 28	22 56	0 18	5 37	2 13	20 51	0 17	14 5	1 11	1 51	2 36	9 11	0 33	11 16	1 53	24 5	12 17	22 58	23 3	17 48	17 51	4 16
W20	21 26	22 23	1 9	22 40	0 35	5 57	2 15	21 0	0 18	14 3	1 11	1 51	2 36	9 10	0 33	11 16	1 53	24 5	12 17	22 58	23 3	17 50	17 52	4 16
T 21	21 36	22 57	0n13	22 23	0 51	6 17	2 18	21 9	0 19	14 0	1 11	1 51	2 35	9 10	0 33	11 15	1 53	24 5	12 18	22 58	23 2	17 51	17 52	4 16
F 22	21 45	21 54	1 33	22 5	1 8	6 37	2 20	21 18	0 19	13 58	1 10	1 51	2 35	9 9	0 33	11 15	1 53	24 6	12 18	22 58	23 2	17 53	17 53	4 16
S 23	21 54	19 27	2 45	21 47	1 25	6 57	2 22	21 26	0 20	13 56	1 10	1 51	2 35	9 9	0 33	11 15	1 53	24 6	12 18	22 58	23 2	17 54	17 54	4 16
S 24	22 3	15 55	3 45	21 29	1 42	7 17	2 24	21 34	0 20	13 53	1 10	1 51	2 35	9 8	0 33	11 14	1 53	24 7	12 19	22 58	23 1	17 56	17 54	4 16
M25	22 11	11 41	4 31	21 10	1 59	7 38	2 26	21 42	0 21	13 51	1 10	1 51	2 35	9 8	0 33	11 14	1 53	24 7	12 19	22 58	23 1	17 57	17 55	4 16
T 26	22 19	7 2	5 1	20 51	2 16	7 58	2 28	21 50	0 22	13 48	1 10	1 51	2 34	9 7	0 33	11 14	1 53	24 7	12 19	22 58	23 1	17 59	17 55	4 16
W27	22 26	2 14	5 16	20 33	2 32	8 19	2 30	21 57	0 22	13 46	1 10	1 50	2 34	9 7	0 33	11 13	1 53	24 8	12 20	22 58	23 1	18 0	17 56	4 16
T 28	22 33	2n33	5 15	20 14	2 48	8 39	2 31	22 5	0 23	13 43	1 10	1 50	2 34	9 6	0 33	11 13	1 53	24 8	12 20	22 58	23 0	18 1	17 57	4 16
F 29	22 40	7 9	5 1	19 56	3 3	9 0	2 33	22 12	0 23	13 40	1 9	1 50	2 34	9 6	0 33	11 12	1 53	24 8	12 20	22 58	23 0	18 3	17 57	4 16
S 30	22 46	11 26	4 34	19 39	3 17	9 20	2 34	22 19	0 24	13 38	1 9	1 49	2 33	9 5	0 33	11 12	1 53	24 9	12 21	22 58	23 0	18 4	17 58	4 16
S 31	22n52	15n14	3n55	19n23	3s30	9n41	2s35	22n26	0n24	13n35	1n 9	1n49	2n33	9s 5	0n33	11s12	1n53	24s 9	12s21	22s58	23s 0	18n 6	17n59	4s17

Julian Day Number = 2197464.5, Delta T = 10m17s
Ecliptic obliquity = 23°31'45, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°02'16, Lahiri = 14°09'17 Julian Calendar 1 May 1304 == Greg. Calendar 9 May 1304

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ASTRODIENST EPHEMERIS for the year 1304
geocentric

JUNE 1304 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	17 9 4	17♊43'02	12♉ 0	16°R15	2♉44	10♊37	27♌18	1♎19	24°R39	4°R11	26°R52	17°D52	18♐ 2	10♉58	11♊20	M 1
T 2	17 13 1	18°40'17	23°50	15♊41	3°47	11°18	27°26	1°19	24♎38	4♏10	26♒52	17♐52	17°58	11° 5	11°25	T 2
W 3	17 16 57	19°37'31	5♊45	15° 9	4°50	11°59	27°34	1°20	24°37	4° 9	26°52	17°53	17°55	11°11	11°31	W 3
T 4	17 20 54	20°34'45	17°46	14°39	5°53	12°40	27°42	1°21	24°36	4° 8	26°51	17°R53	17°52	11°18	11°36	T 4
F 5	17 24 50	21°31'58	29°56	14°11	6°57	13°21	27°51	1°22	24°35	4° 7	26°51	17°52	17°49	11°25	11°41	F 5
S 6	17 28 47	22°29'11	12♋17	13°46	8° 1	14° 2	27°59	1°23	24°34	4° 6	26°51	17°52	17°46	11°31	11°46	S 6
S 7	17 32 44	23°26'24	24°50	13°25	9° 5	14°43	28° 8	1°24	24°33	4° 5	26°50	17°52	17°43	11°38	11°51	S 7
M 8	17 36 40	24°23'37	7♌37	13° 7	10° 9	15°23	28°16	1°25	24°32	4° 4	26°50	17°51	17°39	11°45	11°56	M 8
T 9	17 40 37	25°20'48	20°38	12°53	11°13	16° 4	28°25	1°26	24°31	4° 3	26°49	17°50	17°36	11°51	12° 2	T 9
W10	17 44 33	26°18'00	3♍54	12°43	12°18	16°45	28°34	1°28	24°30	4° 2	26°49	17°49	17°33	11°58	12° 7	W10
T 11	17 48 30	27°15'11	17°28	12°37	13°23	17°25	28°43	1°29	24°29	4° 1	26°48	17°49	17°30	12° 5	12°12	T 11
F 12	17 52 26	28°12'21	1♎19	12°D37	14°28	18° 6	28°52	1°31	24°29	4° 0	26°48	17°D49	17°27	12°11	12°17	F 12
S 13	17 56 23	29° 9'31	15°26	12°41	15°33	18°46	29° 1	1°32	24°28	4° 0	26°47	17°49	17°23	12°18	12°22	S 13
S 14	18 0 19	0♋ 6'41	29°49	12°50	16°38	19°27	29°10	1°34	24°28	3°59	26°47	17°50	17°20	12°25	12°27	S 14
M15	18 4 16	1° 3'51	14♏24	13° 4	17°43	20° 7	29°19	1°36	24°27	3°58	26°46	17°51	17°17	12°31	12°32	M15
T 16	18 8 13	2° 1'00	29° 7	13°23	18°49	20°47	29°29	1°38	24°27	3°58	26°45	17°52	17°14	12°38	12°37	T 16
W17	18 12 9	2°58'09	13♐52	13°47	19°55	21°28	29°38	1°40	24°26	3°57	26°45	17°R52	17°11	12°45	12°42	W17
T 18	18 16 6	3°55'19	28°32	14°16	21° 1	22° 8	29°48	1°42	24°26	3°56	26°44	17°52	17° 8	12°51	12°47	T 18
F 19	18 20 2	4°52'28	13♑ 1	14°50	22° 7	22°48	29°58	1°44	24°25	3°56	26°43	17°51	17° 4	12°58	12°52	F 19
S 20	18 23 59	5°49'37	27°13	15°28	23°13	23°28	0♍ 7	1°47	24°25	3°55	26°43	17°49	17° 1	13° 5	12°57	S 20
S 21	18 27 55	6°46'47	11♒ 4	16°12	24°20	24° 9	0°17	1°49	24°25	3°55	26°42	17°47	16°58	13°11	13° 2	S 21
M22	18 31 52	7°43'57	24°31	17° 1	25°26	24°49	0°27	1°52	24°25	3°54	26°41	17°44	16°55	13°18	13° 7	M22
T 23	18 35 49	8°41'08	7♓34	17°54	26°33	25°29	0°37	1°54	24°25	3°54	26°40	17°41	16°52	13°25	13°12	T 23
W24	18 39 45	9°38'19	20°15	18°53	27°40	26° 9	0°48	1°57	24°25	3°53	26°40	17°39	16°49	13°31	13°17	W24
T 25	18 43 42	10°35'30	2♈37	19°56	28°47	26°49	0°58	2° 0	24°D25	3°53	26°39	17°38	16°45	13°38	13°22	T 25
F 26	18 47 38	11°32'42	14°43	21° 3	29°54	27°29	1° 8	2° 2	24°25	3°52	26°38	17°D38	16°42	13°45	13°27	F 26
S 27	18 51 35	12°29'55	26°39	22°15	1♊ 2	28° 9	1°18	2° 5	24°25	3°52	26°37	17°39	16°39	13°51	13°31	S 27
S 28	18 55 31	13°27'08	8♉30	23°32	2° 9	28°48	1°29	2° 8	24°25	3°52	26°36	17°40	16°36	13°58	13°36	S 28
M29	18 59 28	14°24'22	20°19	24°53	3°17	29°28	1°40	2°12	24°25	3°51	26°35	17°42	16°33	14° 5	13°41	M29
T 30	19 3 24	15♋21'37	2♊12	26♊18	4♊24	0♋ 8	1♍50	2♎15	24♎25	3♏51	26♒35	17♐43	16♐29	14♉11	13♊46	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	22n58	18n27	3n 6	19n 8	3s43	10n 2	2s36	22n32	0n25	13n32	1n 9	1n49	2n33	9s 4	0n33	11s11	1n53	24s10	12s21	22s58	22s59	18n 7	17n59	4s17
T 2	23 3	20 54	2 10	18 53	3 53	10 22	2 37	22 38	0 26	13 29	1 9	1 48	2 33	9 4	0 33	11 11	1 53	24 10	12 22	22 58	22 59	18 9	18 0	4 17
W 3	23 7	22 26	1 7	18 40	4 3	10 43	2 37	22 45	0 26	13 26	1 9	1 48	2 32	9 4	0 33	11 11	1 53	24 10	12 22	22 58	22 59	18 10	18 0	4 17
T 4	23 12	22 58	0 1	18 29	4 11	11 3	2 38	22 51	0 27	13 23	1 9	1 47	2 32	9 3	0 33	11 11	1 53	24 11	12 22	22 58	22 58	18 12	18 1	4 17
F 5	23 15	22 25	1s 7	18 19	4 18	11 23	2 38	22 56	0 27	13 20	1 8	1 47	2 32	9 3	0 33	11 10	1 53	24 11	12 23	22 58	22 58	18 13	18 1	4 17
S 6	23 19	20 47	2 11	18 11	4 23	11 44	2 39	23 2	0 28	13 17	1 8	1 46	2 32	9 3	0 33	11 10	1 53	24 12	12 23	22 58	22 58	18 14	18 2	4 17
S 7	23 22	18 6	3 11	18 4	4 27	12 4	2 39	23 7	0 28	13 14	1 8	1 45	2 31	9 2	0 33	11 10	1 53	24 12	12 23	22 58	22 57	18 16	18 2	4 18
M 8	23 25	14 32	4 2	18 0	4 30	12 24	2 39	23 12	0 29	13 11	1 8	1 45	2 31	9 2	0 33	11 9	1 52	24 13	12 24	22 58	22 57	18 17	18 3	4 18
T 9	23 27	10 13	4 42	17 57	4 31	12 44	2 39	23 17	0 30	13 8	1 8	1 44	2 31	9 2	0 33	11 9	1 52	24 13	12 24	22 58	22 57	18 19	18 3	4 18
W10	23 29	5 20	5 8	17 56	4 30	13 4	2 39	23 22	0 30	13 5	1 8	1 43	2 31	9 2	0 33	11 9	1 52	24 14	12 24	22 58	22 57	18 20	18 4	4 18
T 11	23 30	0 6	5 17	17 57	4 29	13 24	2 38	23 26	0 31	13 1	1 8	1 42	2 30	9 1	0 33	11 9	1 52	24 14	12 24	22 58	22 56	18 21	18 4	4 18
F 12	23 31	5s14	5 8	18 0	4 26	13 43	2 38	23 31	0 31	12 58	1 8	1 42	2 30	9 1	0 33	11 8	1 52	24 15	12 25	22 58	22 56	18 23	18 5	4 18
S 13	23 32	10 25	4 41	18 5	4 22	14 3	2 37	23 35	0 32	12 55	1 7	1 41	2 30	9 1	0 33	11 8	1 52	24 15	12 25	22 58	22 56	18 24	18 5	4 18
S 14	23 32	15 7	3 56	18 11	4 17	14 22	2 37	23 39	0 32	12 52	1 7	1 40	2 30	9 1	0 32	11 8	1 52	24 16	12 25	22 58	22 55	18 26	18 6	4 19
M15	23 31	19 0	2 55	18 19	4 10	14 41	2 36	23 42	0 33	12 48	1 7	1 39	2 29	9 1	0 32	11 8	1 52	24 16	12 26	22 58	22 55	18 27	18 6	4 19
T 16	23 31	21 42	1 42	18 28	4 3	15 0	2 35	23 46	0 33	12 45	1 7	1 38	2 29	9 0	0 32	11 8	1 52	24 17	12 26	22 58	22 55	18 28	18 7	4 19
W17	23 30	22 55	0 22	18 39	3 55	15 19	2 34	23 49	0 34	12 41	1 7	1 37	2 29	9 0	0 32	11 8	1 52	24 17	12 26	22 58	22 54	18 30	18 7	4 19
T 18	23 28	22 33	0n59	18 51	3 46	15 37	2 33	23 52	0 35	12 38	1 7	1 36	2 29	9 0	0 32	11 7	1 52	24 18	12 27	22 58	22 54	18 31	18 8	4 19
F 19	23 26	20 39	2 15	19 5	3 36	15 55	2 32	23 55	0 35	12 34	1 7	1 35	2 29	9 0	0 32	11 7	1 52	24 18	12 27	22 58	22 54	18 32	18 8	4 20
S 20	23 24	17 31	3 21	19 20	3 26	16 13	2 31	23 58	0 36	12 31	1 7	1 33	2 28	9 0	0 32	11 7	1 52	24 19	12 27	22 58	22 54	18 34	18 8	4 20
S 21	23 21	13 28	4 13	19 35	3 15	16 31	2 29	24 0	0 36	12 27	1 7	1 32	2 28	9 0	0 32	11 7	1 52	24 19	12 27	22 58	22 53	18 35	18 9	4 20
M22	23 18	8 51	4 50	19 51	3 3	16 48	2 28	24 2	0 37	12 23	1 7	1 31	2 28	9 0	0 32	11 7	1 52	24 20	12 28	22 58	22 53	18 37	18 9	4 20
T 23	23 15	3 58	5 10	20 8	2 51	17 5	2 26	24 4	0 37	12 20	1 6	1 30	2 28	9 0	0 32	11 7	1 52	24 20	12 28	22 57	22 53	18 38	18 10	4 20
W24	23 11	0n57	5 15	20 26	2 39	17 22	2 25	24 6	0 38	12 16	1 6	1 29	2 27	9 0	0 32	11 7	1 52	24 21	12 28	22 57	22 52	18 39	18 10	4 21
T 25	23 6	5 42	5 5	20 43	2 26	17 38	2 23	24 8	0 38	12 12	1 6	1 27	2 27	9 0	0 32	11 7	1 52	24 21	12 29	22 57	22 52	18 41	18 10	4 21
F 26	23 2	10 8	4 41	21 1	2 13	17 54	2 21	24 9	0 39	12 9	1 6	1 26	2 27	9 0	0 32	11 6	1 51	24 22	12 29	22 57	22 52	18 42	18 11	4 21
S 27	22 56	14 7	4 5	21 19	1 59	18 10	2 20	24 10	0 39	12 5	1 6	1 24	2 27	9 0	0 32	11 6	1 51	24 22	12 29	22 57	22 51	18 43	18 11	4 21
S 28	22 51	17 32	3 19	21 36	1 46	18 25	2 18	24 11	0 40	12 1	1 6	1 23	2 26	9 0	0 32	11 6	1 51	24 23	12 29	22 57	22 51	18 44	18 11	4 22
M29	22 45	20 13	2 25	21 53	1 32	18 40	2 16	24 12	0 40	11 57	1 6	1 22	2 26	9 0	0 32	11 6	1 51	24 23	12 30	22 57	22 51	18 46	18 12	4 22
T 30	22n38	22n 3	1n24	22n10	1s19	18n55	2s14	24n13	0n41	11n53	1n 6	1n20	2n26	9s 0	0n32	11s 6	1n51	24s24	12s30	22s58	22s50	18n47	18n12	4s22

Julian Day Number = 2197495.5, Delta T = 10m17s
Ecliptic obliquity = 23°31'44, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°02'21, Lahiri = 14°09'21 Julian Calendar 1 June 1304 == Greg. Calendar 9 June 1304

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ASTRODIENST EPHEMERIS for the year 1304
geocentric

JULY 1304 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	19 7 21	16♋18'53	14♊12	27♊47	5♊32	0♋48	2♍ 1	2♎18	24♎26	3°R51	26°R34	17°R44	16♐26	14♉18	13♊50	W 1
T 2	19 11 18	17°16'09	26°23	29°21	6°40	1°27	2°12	2°21	24°26	3♏51	26♒33	17♐44	16°23	14°25	13°55	T 2
F 3	19 15 14	18°13'26	8♋47	0♋59	7°48	2° 7	2°23	2°25	24°26	3°50	26°32	17°42	16°20	14°31	14° 0	F 3
S 4	19 19 11	19°10'43	21°25	2°40	8°57	2°47	2°34	2°29	24°27	3°50	26°31	17°39	16°17	14°38	14° 4	S 4
S 5	19 23 7	20° 8'01	4♌18	4°25	10° 5	3°26	2°45	2°32	24°27	3°50	26°30	17°35	16°14	14°45	14° 9	S 5
M 6	19 27 4	21° 5'20	17°26	6°13	11°13	4° 6	2°56	2°36	24°28	3°50	26°29	17°30	16°10	14°51	14°13	M 6
T 7	19 31 0	22° 2'39	0♍49	8° 4	12°22	4°45	3° 7	2°40	24°28	3°50	26°28	17°24	16° 7	14°58	14°18	T 7
W 8	19 34 57	22°59'59	14°23	9°58	13°31	5°25	3°18	2°44	24°29	3°D50	26°27	17°19	16° 4	15° 5	14°22	W 8
T 9	19 38 53	23°57'19	28°10	11°55	14°39	6° 4	3°29	2°48	24°30	3°50	26°26	17°16	16° 1	15°11	14°27	T 9
F 10	19 42 50	24°54'39	12♎ 5	13°54	15°48	6°44	3°41	2°52	24°31	3°50	26°25	17°13	15°58	15°18	14°31	F 10
S 11	19 46 47	25°52'00	26°10	15°55	16°57	7°23	3°52	2°56	24°31	3°50	26°24	17°D13	15°54	15°25	14°35	S 11
S 12	19 50 43	26°49'22	10♏21	17°57	18° 6	8° 2	4° 4	3° 0	24°32	3°50	26°23	17°13	15°51	15°31	14°40	S 12
M13	19 54 40	27°46'45	24°37	20° 1	19°15	8°42	4°15	3° 4	24°33	3°50	26°22	17°14	15°48	15°38	14°44	M13
T 14	19 58 36	28°44'08	8♐56	22° 5	20°25	9°21	4°27	3° 9	24°34	3°51	26°20	17°15	15°45	15°45	14°48	T 14
W15	20 2 33	29°41'31	23°16	24°10	21°34	10° 0	4°39	3°13	24°35	3°51	26°19	17°R16	15°42	15°51	14°52	W15
T 16	20 6 29	0♌38'56	7♑31	26°15	22°43	10°39	4°50	3°18	24°36	3°51	26°18	17°14	15°39	15°58	14°56	T 16
F 17	20 10 26	1°36'21	21°39	28°20	23°53	11°18	5° 2	3°22	24°37	3°51	26°17	17°10	15°35	16° 5	15° 1	F 17
S 18	20 14 22	2°33'47	5♒35	0♌25	25° 3	11°57	5°14	3°27	24°39	3°52	26°16	17° 5	15°32	16°11	15° 5	S 18
S 19	20 18 19	3°31'15	19°14	2°30	26°12	12°37	5°26	3°32	24°40	3°52	26°15	16°58	15°29	16°18	15° 9	S 19
M20	20 22 16	4°28'43	2♓34	4°34	27°22	13°16	5°38	3°36	24°41	3°52	26°14	16°50	15°26	16°25	15°13	M20
T 21	20 26 12	5°26'12	15°34	6°36	28°32	13°55	5°50	3°41	24°42	3°53	26°13	16°42	15°23	16°31	15°16	T 21
W22	20 30 9	6°23'43	28°14	8°38	29°42	14°33	6° 2	3°46	24°44	3°53	26°11	16°35	15°20	16°38	15°20	W22
T 23	20 34 5	7°21'15	10♈36	10°39	0♋53	15°12	6°14	3°51	24°45	3°54	26°10	16°30	15°16	16°45	15°24	T 23
F 24	20 38 2	8°18'49	22°43	12°39	2° 3	15°51	6°26	3°56	24°47	3°54	26° 9	16°26	15°13	16°51	15°28	F 24
S 25	20 41 58	9°16'24	4♉39	14°37	3°13	16°30	6°38	4° 1	24°48	3°55	26° 8	16°D25	15°10	16°58	15°32	S 25
S 26	20 45 55	10°14'01	16°29	16°34	4°24	17° 9	6°50	4° 6	24°50	3°55	26° 7	16°25	15° 7	17° 5	15°35	S 26
M27	20 49 51	11°11'39	28°19	18°29	5°34	17°48	7° 2	4°12	24°51	3°56	26° 5	16°26	15° 4	17°11	15°39	M27
T 28	20 53 48	12° 9'19	10♊13	20°23	6°45	18°26	7°15	4°17	24°53	3°57	26° 4	16°R27	15° 0	17°18	15°42	T 28
W29	20 57 45	13° 7'00	22°17	22°16	7°55	19° 5	7°27	4°22	24°55	3°57	26° 3	16°27	14°57	17°25	15°46	W29
T 30	21 1 41	14° 4'43	4♋35	24° 8	9° 6	19°44	7°40	4°28	24°57	3°58	26° 2	16°25	14°54	17°31	15°49	T 30
F 31	21 5 38	15♌ 2'28	17♋10	25♌57	10♋17	20♋22	7♍52	4♎33	24♎58	3♏59	26♒ 0	16♐21	14♐51	17♉38	15♊53	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
W 1	22n32	22n55	0n19	22n25	1s 5	19n 9	2s12	24n13	0n41	11n49	1n 6	1n19	2n26	9s 0	0n32	11s 6	1n51	24s25	12s30	22s58	22s50	18n48	18n12	4s22	W 1
T 2	22 25	22 41	0s47	22 40	0 52	19 23	2 9	24 13	0 42	11 45	1 6	1 17	2 26	9 1	0 32	11 6	1 51	24 25	12 30	22 58	22 50	18 50	18 13	4 23	T 2
F 3	22 17	21 22	1 53	22 53	0 39	19 36	2 7	24 13	0 42	11 41	1 6	1 15	2 25	9 1	0 32	11 6	1 51	24 26	12 31	22 57	22 49	18 51	18 13	4 23	F 3
S 4	22 9	18 57	2 54	23 5	0 26	19 49	2 5	24 13	0 43	11 37	1 6	1 14	2 25	9 1	0 32	11 6	1 51	24 26	12 31	22 57	22 49	18 52	18 13	4 23	S 4
S 5	22 1	15 34	3 47	23 15	0 13	20 2	2 2	24 13	0 43	11 33	1 5	1 12	2 25	9 1	0 32	11 6	1 51	24 27	12 31	22 57	22 49	18 54	18 13	4 23	S 5
M 6	21 52	11 23	4 30	23 22	0 0	20 14	2 0	24 12	0 44	11 29	1 5	1 10	2 25	9 2	0 32	11 6	1 51	24 27	12 31	22 56	22 48	18 55	18 14	4 24	M 6
T 7	21 43	6 34	4 58	23 28	0n11	20 25	1 57	24 11	0 45	11 25	1 5	1 9	2 24	9 2	0 32	11 6	1 51	24 28	12 32	22 56	22 48	18 56	18 14	4 24	T 7
W 8	21 34	1 23	5 11	23 32	0 23	20 36	1 55	24 10	0 45	11 21	1 5	1 7	2 24	9 2	0 32	11 6	1 51	24 28	12 32	22 55	22 48	18 57	18 14	4 24	W 8
T 9	21 24	3s56	5 6	23 33	0 34	20 47	1 52	24 9	0 46	11 17	1 5	1 5	2 24	9 2	0 32	11 6	1 51	24 29	12 32	22 55	22 47	18 59	18 14	4 25	T 9
F 10	21 14	9 8	4 43	23 32	0 44	20 57	1 50	24 7	0 46	11 12	1 5	1 3	2 24	9 3	0 32	11 6	1 51	24 30	12 32	22 55	22 47	19 0	18 14	4 25	F 10
S 11	21 3	13 54	4 2	23 27	0 53	21 7	1 47	24 6	0 47	11 8	1 5	1 2	2 24	9 3	0 32	11 7	1 51	24 30	12 32	22 55	22 47	19 1	18 15	4 25	S 11
S 12	20 52	17 56	3 7	23 21	1 2	21 16	1 44	24 4	0 47	11 4	1 5	1 0	2 23	9 3	0 31	11 7	1 51	24 31	12 33	22 55	22 46	19 2	18 15	4 26	S 12
M13	20 41	20 56	2 0	23 11	1 10	21 25	1 41	24 2	0 48	11 0	1 5	0 58	2 23	9 4	0 31	11 7	1 50	24 31	12 33	22 55	22 46	19 4	18 15	4 26	M13
T 14	20 29	22 37	0 45	22 59	1 17	21 33	1 38	24 0	0 48	10 55	1 5	0 56	2 23	9 4	0 31	11 7	1 50	24 32	12 33	22 55	22 46	19 5	18 15	4 26	T 14
W15	20 17	22 49	0n33	22 44	1 24	21 40	1 36	23 57	0 49	10 51	1 5	0 54	2 23	9 5	0 31	11 7	1 50	24 32	12 33	22 55	22 45	19 6	18 15	4 26	W15
T 16	20 5	21 31	1 48	22 26	1 29	21 47	1 33	23 55	0 49	10 47	1 5	0 52	2 23	9 5	0 31	11 7	1 50	24 33	12 33	22 55	22 45	19 7	18 15	4 27	T 16
F 17	19 53	18 54	2 55	22 6	1 34	21 54	1 30	23 52	0 50	10 42	1 5	0 50	2 23	9 5	0 31	11 7	1 50	24 34	12 34	22 54	22 45	19 8	18 15	4 27	F 17
S 18	19 40	15 12	3 51	21 44	1 38	22 0	1 27	23 49	0 50	10 38	1 5	0 48	2 22	9 6	0 31	11 7	1 50	24 34	12 34	22 54	22 44	19 10	18 16	4 27	S 18
S 19	19 26	10 47	4 33	21 19	1 41	22 5	1 24	23 46	0 51	10 33	1 5	0 46	2 22	9 6	0 31	11 8	1 50	24 35	12 34	22 53	22 44	19 11	18 16	4 28	S 19
M20	19 13	5 57	4 58	20 52	1 44	22 10	1 21	23 43	0 51	10 29	1 5	0 44	2 22	9 7	0 31	11 8	1 50	24 35	12 34	22 52	22 44	19 12	18 16	4 28	M20
T 21	18 59	0 59	5 8	20 23	1 45	22 14	1 18	23 39	0 51	10 24	1 4	0 42	2 22	9 7	0 31	11 8	1 50	24 36	12 34	22 52	22 43	19 13	18 16	4 28	T 21
W22	18 45	3n54	5 1	19 53	1 46	22 17	1 14	23 35	0 52	10 20	1 4	0 40	2 22	9 8	0 31	11 8	1 50	24 36	12 34	22 51	22 43	19 14	18 16	4 29	W22
T 23	18 30	8 31	4 41	19 20	1 47	22 20	1 11	23 32	0 52	10 15	1 4	0 38	2 21	9 8	0 31	11 8	1 50	24 37	12 34	22 50	22 43	19 16	18 16	4 29	T 23
F 24	18 15	12 42	4 9	18 46	1 46	22 23	1 8	23 28	0 53	10 11	1 4	0 35	2 21	9 9	0 31	11 9	1 50	24 38	12 35	22 50	22 42	19 17	18 16	4 30	F 24
S 25	18 0	16 20	3 26	18 11	1 45	22 24	1 5	23 23	0 53	10 6	1 4	0 33	2 21	9 10	0 31	11 9	1 50	24 38	12 35	22 50	22 42	19 18	18 16	4 30	S 25
S 26	17 45	19 17	2 34	17 35	1 44	22 26	1 2	23 19	0 54	10 2	1 4	0 31	2 21	9 10	0 31	11 9	1 50	24 39	12 35	22 50	22 42	19 19	18 16	4 30	S 26
M27	17 29	21 25	1 36	16 57	1 41	22 26	0 59	23 14	0 54	9 57	1 4	0 29	2 21	9 11	0 31	11 9	1 50	24 39	12 35	22 50	22 41	19 20	18 16	4 31	M27
T 28	17 13	22 37	0 33	16 18	1 39	22 26	0 55	23 10	0 55	9 53	1 4	0 26	2 21	9 11	0 31	11 10	1 50	24 40	12 35	22 50	22 41	19 22	18 16	4 31	T 28
W29	16 57	22 47	0s31	15 39	1 36	22 25	0 52	23 5	0 55	9 48	1 4	0 24	2 20	9 12	0 31	11 10	1 49	24 40	12 35	22 50	22 41	19 23	18 16	4 31	W29
T 30	16 40	21 51	1 36	14 59	1 32	22 24	0 49	23 0	0 56	9 43	1 4	0 22	2 20	9 13	0 31	11 10	1 49	24 41	12 35	22 50	22 40	19 24	18 16	4 32	T 30
F 31	16n23	19n50	2s37	14n18	1n28	22n22	0s46	22n54	0n56	9n39	1n 4	0n19	2n20	9s14	0n31	11s11	1n49	24s41	12s36	22s50	22s40	19n25	18n16	4s32	F 31

Julian Day Number = 2197525.5, Delta T = 10m17s
Ecliptic obliquity = 23°31'44, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°02'25, Lahiri = 14°09'25 Julian Calendar 1 July 1304 == Greg. Calendar 9 July 1304

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ASTRODIENST EPHEMERIS for the year 1304
geocentric

AUGUST 1304 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	21 9 34	16♌ 0'14	0♌ 5	27♌46	11♋28	21♋ 1	8♍ 4	4♎39	25♎ 0	3♏59	25°R59	16°R15	14♐48	17♑45	15♊56	S 1
S 2	21 13 31	16°58'01	13°19	29°33	12°39	21°40	8°17	4°45	25° 2	4° 0	25♒58	16♐ 6	14°45	17°51	15°59	S 2
M 3	21 17 27	17°55'50	26°51	1♍19	13°50	22°18	8°29	4°50	25° 4	4° 1	25°57	15°57	14°41	17°58	16° 3	M 3
T 4	21 21 24	18°53'40	10♍39	3° 3	15° 2	22°57	8°42	4°56	25° 6	4° 2	25°55	15°46	14°38	18° 5	16° 6	T 4
W 5	21 25 20	19°51'32	24°39	4°46	16°13	23°35	8°55	5° 2	25° 8	4° 3	25°54	15°37	14°35	18°11	16° 9	W 5
T 6	21 29 17	20°49'25	8♎47	6°28	17°24	24°13	9° 7	5° 8	25°10	4° 4	25°53	15°29	14°32	18°18	16°12	T 6
F 7	21 33 14	21°47'19	22°58	8° 8	18°36	24°52	9°20	5°14	25°12	4° 5	25°51	15°24	14°29	18°25	16°15	F 7
S 8	21 37 10	22°45'14	7♏10	9°47	19°47	25°30	9°33	5°20	25°14	4° 5	25°50	15°21	14°26	18°31	16°18	S 8
S 9	21 41 7	23°43'11	21°20	11°24	20°59	26° 8	9°45	5°26	25°17	4° 6	25°49	15°D20	14°22	18°38	16°21	S 9
M10	21 45 3	24°41'09	5♐26	13° 0	22°10	26°47	9°58	5°32	25°19	4° 8	25°48	15°20	14°19	18°45	16°24	M10
T 11	21 49 0	25°39'09	19°28	14°35	23°22	27°25	10°11	5°38	25°21	4° 9	25°46	15°R20	14°16	18°51	16°26	T 11
W12	21 52 56	26°37'10	3♑25	16° 9	24°34	28° 3	10°24	5°44	25°24	4°10	25°45	15°19	14°13	18°58	16°29	W12
T 13	21 56 53	27°35'12	17°16	17°41	25°46	28°41	10°36	5°50	25°26	4°11	25°44	15°15	14°10	19° 5	16°32	T 13
F 14	22 0 49	28°33'16	0♒58	19°12	26°58	29°20	10°49	5°56	25°28	4°12	25°42	15° 9	14° 6	19°11	16°34	F 14
S 15	22 4 46	29°31'21	14°31	20°42	28°10	29°58	11° 2	6° 3	25°31	4°13	25°41	15° 0	14° 3	19°18	16°37	S 15
S 16	22 8 43	0♍29'28	27°50	22°10	29°22	0♌36	11°15	6° 9	25°33	4°14	25°40	14°49	14° 0	19°25	16°39	S 16
M17	22 12 39	1°27'37	10♓56	23°37	0♌34	1°14	11°28	6°15	25°36	4°16	25°39	14°37	13°57	19°31	16°42	M17
T 18	22 16 36	2°25'47	23°45	25° 3	1°46	1°52	11°41	6°22	25°38	4°17	25°37	14°25	13°54	19°38	16°44	T 18
W19	22 20 32	3°23'59	6♈17	26°28	2°59	2°30	11°54	6°28	25°41	4°18	25°36	14°13	13°51	19°45	16°46	W19
T 20	22 24 29	4°22'14	18°34	27°51	4°11	3° 8	12° 6	6°35	25°44	4°19	25°35	14° 4	13°47	19°51	16°48	T 20
F 21	22 28 25	5°20'30	0♉39	29°12	5°24	3°45	12°19	6°41	25°46	4°21	25°34	13°57	13°44	19°58	16°50	F 21
S 22	22 32 22	6°18'48	12°33	0♎33	6°36	4°23	12°32	6°48	25°49	4°22	25°32	13°53	13°41	20° 5	16°52	S 22
S 23	22 36 18	7°17'09	24°22	1°51	7°49	5° 1	12°45	6°55	25°52	4°23	25°31	13°51	13°38	20°11	16°54	S 23
M24	22 40 15	8°15'31	6♊11	3° 8	9° 2	5°39	12°58	7° 1	25°55	4°25	25°30	13°50	13°35	20°18	16°56	M24
T 25	22 44 12	9°13'56	18° 5	4°24	10°14	6°17	13°11	7° 8	25°58	4°26	25°29	13°50	13°32	20°25	16°58	T 25
W26	22 48 8	10°12'23	0♋ 9	5°38	11°27	6°54	13°24	7°15	26° 0	4°28	25°27	13°50	13°28	20°31	17° 0	W26
T 27	22 52 5	11°10'52	12°30	6°50	12°40	7°32	13°37	7°21	26° 3	4°29	25°26	13°47	13°25	20°38	17° 1	T 27
F 28	22 56 1	12° 9'23	25°10	8° 1	13°53	8°10	13°50	7°28	26° 6	4°31	25°25	13°43	13°22	20°44	17° 3	F 28
S 29	22 59 58	13° 7'56	8♌14	9° 9	15° 6	8°47	14° 3	7°35	26° 9	4°32	25°24	13°35	13°19	20°51	17° 5	S 29
S 30	23 3 54	14° 6'32	21°43	10°16	16°19	9°25	14°16	7°42	26°12	4°34	25°23	13°25	13°16	20°58	17° 6	S 30
M31	23 7 51	15♍ 5'09	5♍35	11♎20	17♌32	10♌ 3	14♍29	7♎49	26♎15	4♏35	25♒21	13♐14	13♐12	21♑ 4	17♊ 7	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	16n 6	16n46	3s31	13n36	1n23	22n20	0s43	22n49	0n57	9n34	1n 4	0n17	2n20	9s14	0n31	11s11	1n49	24s42	12s36	22s49	22s40	19n26	18n16	4s33
S 2	15 49	12 48	4 16	12 54	1 19	22 16	0 39	22 43	0 57	9 29	1 4	0 15	2 20	9 15	0 31	11 11	1 49	24 42	12 36	22 48	22 39	19 27	18 16	4 33
M 3	15 31	8 7	4 47	12 11	1 13	22 13	0 36	22 37	0 58	9 24	1 4	0 12	2 20	9 16	0 31	11 12	1 49	24 43	12 36	22 47	22 39	19 28	18 16	4 33
T 4	15 13	2 56	5 2	11 29	1 8	22 8	0 33	22 32	0 58	9 20	1 4	0 10	2 19	9 16	0 31	11 12	1 49	24 44	12 36	22 46	22 38	19 30	18 16	4 34
W 5	14 55	2s27	5 0	10 46	1 2	22 3	0 30	22 25	0 59	9 15	1 4	0 7	2 19	9 17	0 31	11 12	1 49	24 44	12 36	22 45	22 38	19 31	18 16	4 34
T 6	14 36	7 46	4 39	10 2	0 56	21 57	0 26	22 19	0 59	9 10	1 4	0 5	2 19	9 18	0 31	11 13	1 49	24 45	12 36	22 44	22 38	19 32	18 16	4 34
F 7	14 18	12 41	4 1	9 19	0 49	21 51	0 23	22 13	1 0	9 5	1 4	0 3	2 19	9 19	0 31	11 13	1 49	24 45	12 36	22 43	22 37	19 33	18 15	4 35
S 8	13 59	16 55	3 8	8 35	0 43	21 44	0 20	22 6	1 0	9 0	1 4	0 0	2 19	9 20	0 31	11 13	1 49	24 46	12 36	22 43	22 37	19 34	18 15	4 35
S 9	13 40	20 9	2 4	7 52	0 36	21 36	0 17	21 59	1 0	8 56	1 4	0s 2	2 19	9 20	0 31	11 14	1 49	24 46	12 36	22 43	22 37	19 35	18 15	4 36
M10	13 21	22 9	0 52	7 9	0 29	21 28	0 14	21 53	1 1	8 51	1 4	0 5	2 19	9 21	0 31	11 14	1 49	24 47	12 36	22 43	22 36	19 36	18 15	4 36
T 11	13 1	22 45	0n22	6 25	0 21	21 19	0 11	21 45	1 1	8 46	1 4	0 8	2 19	9 22	0 30	11 15	1 49	24 47	12 36	22 43	22 36	19 37	18 15	4 37
W12	12 41	21 55	1 35	5 42	0 14	21 10	0 7	21 38	1 2	8 41	1 4	0 10	2 18	9 23	0 30	11 15	1 49	24 48	12 36	22 43	22 35	19 38	18 15	4 37
T 13	12 21	19 45	2 41	4 59	0 6	21 0	0 4	21 31	1 2	8 36	1 4	0 13	2 18	9 24	0 30	11 15	1 49	24 48	12 36	22 43	22 35	19 39	18 15	4 37
F 14	12 1	16 29	3 37	4 16	0s 2	20 49	0 1	21 23	1 3	8 31	1 4	0 15	2 18	9 25	0 30	11 16	1 49	24 49	12 36	22 42	22 35	19 41	18 14	4 38
S 15	11 41	12 23	4 20	3 33	0 10	20 38	0n 2	21 16	1 3	8 26	1 4	0 18	2 18	9 26	0 30	11 16	1 49	24 49	12 36	22 41	22 34	19 42	18 14	4 38
S 16	11 20	7 45	4 48	2 51	0 18	20 26	0 5	21 8	1 4	8 22	1 4	0 20	2 18	9 27	0 30	11 17	1 48	24 50	12 36	22 40	22 34	19 43	18 14	4 39
M17	11 0	2 52	5 0	2 9	0 26	20 14	0 8	21 0	1 4	8 17	1 4	0 23	2 18	9 28	0 30	11 17	1 48	24 50	12 36	22 38	22 34	19 44	18 14	4 39
T 18	10 39	2n 3	4 57	1 27	0 34	20 1	0 11	20 52	1 5	8 12	1 4	0 26	2 18	9 29	0 30	11 18	1 48	24 50	12 36	22 37	22 33	19 45	18 14	4 40
W19	10 18	6 47	4 39	0 46	0 42	19 47	0 14	20 44	1 5	8 7	1 4	0 28	2 18	9 30	0 30	11 18	1 48	24 51	12 36	22 36	22 33	19 46	18 13	4 40
T 20	9 57	11 8	4 9	0 5	0 51	19 33	0 17	20 36	1 5	8 2	1 4	0 31	2 18	9 31	0 30	11 19	1 48	24 51	12 36	22 34	22 32	19 47	18 13	4 40
F 21	9 35	14 59	3 28	0s35	0 59	19 18	0 19	20 27	1 6	7 57	1 4	0 34	2 17	9 32	0 30	11 19	1 48	24 52	12 36	22 34	22 32	19 48	18 13	4 41
S 22	9 14	18 10	2 38	1 15	1 8	19 3	0 22	20 18	1 6	7 52	1 4	0 36	2 17	9 33	0 30	11 20	1 48	24 52	12 36	22 33	22 32	19 49	18 13	4 41
S 23	8 52	20 34	1 41	1 54	1 16	18 47	0 25	20 10	1 7	7 47	1 4	0 39	2 17	9 34	0 30	11 20	1 48	24 53	12 36	22 33	22 31	19 50	18 12	4 42
M24	8 30	22 5	0 41	2 33	1 24	18 31	0 28	20 1	1 7	7 42	1 4	0 42	2 17	9 35	0 30	11 21	1 48	24 53	12 36	22 33	22 31	19 51	18 12	4 42
T 25	8 8	22 37	0s22	3 10	1 33	18 14	0 31	19 52	1 8	7 37	1 4	0 45	2 17	9 36	0 30	11 21	1 48	24 53	12 36	22 33	22 31	19 52	18 12	4 43
W26	7 46	22 6	1 25	3 48	1 41	17 57	0 33	19 43	1 8	7 32	1 4	0 47	2 17	9 37	0 30	11 22	1 48	24 54	12 36	22 33	22 30	19 53	18 12	4 43
T 27	7 24	20 31	2 26	4 24	1 50	17 39	0 36	19 34	1 9	7 27	1 4	0 50	2 17	9 38	0 30	11 22	1 48	24 54	12 36	22 32	22 30	19 54	18 11	4 44
F 28	7 2	17 54	3 20	5 0	1 58	17 20	0 38	19 24	1 9	7 22	1 4	0 53	2 17	9 39	0 30	11 23	1 48	24 55	12 36	22 32	22 29	19 55	18 11	4 44
S 29	6 39	14 19	4 6	5 34	2 6	17 1	0 41	19 15	1 9	7 17	1 4	0 56	2 17	9 40	0 30	11 23	1 48	24 55	12 36	22 31	22 29	19 56	18 11	4 45
S 30	6 17	9 54	4 40	6 8	2 14	16 42	0 43	19 5	1 10	7 12	1 4	0 58	2 17	9 41	0 30	11 24	1 48	24 55	12 36	22 30	22 29	19 57	18 10	4 45
M31	5n54	4n53	4s58	6s40	2s22	16n22	0n46	18n55	1n10	7n 7	1n 4	1s 1	2n17	9s42	0n30	11s25	1n48	24s56	12s36	22s28	22s28	19n58	18n10	4s46

Julian Day Number = 2197556.5, Delta T = 10m17s
Ecliptic obliquity = 23°31'44, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°02'29, Lahiri = 14°09'30 Julian Calendar 1 Aug. 1304 == Greg. Calendar 9 Aug. 1304

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ASTRODIENST EPHEMERIS for the year 1304
geocentric

SEPTEMBER 1304 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	23 11 47	16♍ 3'49	19♍47	12♎22	18♌46	10♌40	14♍42	7♎56	26♎18	4♏37	25°R20	13°R 2	13♐ 9	21♉11	17♊ 9	T 1
W 2	23 15 44	17° 2'30	4♎13	13°22	19°59	11°18	14°55	8° 3	26°21	4°39	25♒19	12♐50	13° 6	21°18	17°10	W 2
T 3	23 19 40	18° 1'13	18°47	14°19	21°12	11°55	15° 8	8°10	26°24	4°40	25°18	12°41	13° 3	21°24	17°11	T 3
F 4	23 23 37	18°59'58	3♏22	15°13	22°26	12°33	15°21	8°17	26°28	4°42	25°17	12°34	13° 0	21°31	17°12	F 4
S 5	23 27 34	19°58'45	17°52	16° 4	23°39	13°10	15°34	8°24	26°31	4°44	25°15	12°30	12°57	21°38	17°13	S 5
S 6	23 31 30	20°57'34	2♐12	16°52	24°52	13°47	15°47	8°31	26°34	4°46	25°14	12°28	12°53	21°44	17°14	S 6
M 7	23 35 27	21°56'25	16°21	17°36	26° 6	14°25	16° 0	8°38	26°37	4°47	25°13	12°28	12°50	21°51	17°15	M 7
T 8	23 39 23	22°55'17	0♑17	18°16	27°20	15° 2	16°13	8°45	26°41	4°49	25°12	12°28	12°47	21°58	17°16	T 8
W 9	23 43 20	23°54'11	14° 1	18°53	28°33	15°39	16°26	8°52	26°44	4°51	25°11	12°27	12°44	22° 4	17°16	W 9
T 10	23 47 16	24°53'07	27°33	19°24	29°47	16°16	16°39	8°59	26°47	4°53	25°10	12°23	12°41	22°11	17°17	T 10
F 11	23 51 13	25°52'04	10♒53	19°51	1♍ 1	16°53	16°52	9° 6	26°50	4°54	25° 9	12°17	12°37	22°18	17°17	F 11
S 12	23 55 9	26°51'03	24° 2	20°12	2°15	17°30	17° 5	9°13	26°54	4°56	25° 8	12° 8	12°34	22°24	17°18	S 12
S 13	23 59 6	27°50'04	7♓ 0	20°28	3°28	18° 8	17°18	9°21	26°57	4°58	25° 7	11°57	12°31	22°31	17°18	S 13
M14	0 3 3	28°49'07	19°46	20°37	4°42	18°45	17°31	9°28	27° 1	5° 0	25° 6	11°44	12°28	22°38	17°19	M14
T 15	0 6 59	29°48'12	2♈19	20°R40	5°56	19°22	17°44	9°35	27° 4	5° 2	25° 5	11°31	12°25	22°44	17°19	T 15
W16	0 10 56	0♎47'20	14°40	20°36	7°10	19°59	17°57	9°42	27° 7	5° 4	25° 4	11°20	12°22	22°51	17°19	W16
T 17	0 14 52	1°46'29	26°49	20°25	8°24	20°36	18° 9	9°50	27°11	5° 6	25° 3	11°10	12°18	22°58	17°R19	T 17
F 18	0 18 49	2°45'40	8♉47	20° 5	9°39	21°12	18°22	9°57	27°14	5° 8	25° 2	11° 3	12°15	23° 4	17°19	F 18
S 19	0 22 45	3°44'54	20°39	19°38	10°53	21°49	18°35	10° 4	27°18	5°10	25° 1	10°58	12°12	23°11	17°19	S 19
S 20	0 26 42	4°44'10	2♊26	19° 2	12° 7	22°26	18°48	10°11	27°21	5°12	25° 0	10°56	12° 9	23°18	17°19	S 20
M21	0 30 38	5°43'29	14°13	18°19	13°21	23° 3	19° 0	10°19	27°25	5°14	24°59	10°D56	12° 6	23°24	17°19	M21
T 22	0 34 35	6°42'49	26° 5	17°28	14°35	23°40	19°13	10°26	27°29	5°16	24°58	10°56	12° 3	23°31	17°18	T 22
W23	0 38 32	7°42'13	8♋ 8	16°30	15°50	24°16	19°26	10°33	27°32	5°18	24°57	10°R57	11°59	23°37	17°18	W23
T 24	0 42 28	8°41'38	20°27	15°26	17° 4	24°53	19°39	10°40	27°36	5°20	24°56	10°56	11°56	23°44	17°17	T 24
F 25	0 46 25	9°41'06	3♌ 6	14°18	18°19	25°30	19°51	10°48	27°39	5°22	24°55	10°53	11°53	23°51	17°17	F 25
S 26	0 50 21	10°40'36	16°10	13° 6	19°33	26° 6	20° 4	10°55	27°43	5°24	24°55	10°48	11°50	23°57	17°16	S 26
S 27	0 54 18	11°40'08	29°42	11°53	20°48	26°43	20°16	11° 2	27°47	5°26	24°54	10°41	11°47	24° 4	17°15	S 27
M28	0 58 14	12°39'42	13♍42	10°41	22° 2	27°19	20°29	11° 9	27°50	5°28	24°53	10°33	11°43	24°11	17°15	M28
T 29	1 2 11	13°39'19	28° 7	9°31	23°17	27°56	20°41	11°17	27°54	5°30	24°52	10°23	11°40	24°17	17°14	T 29
W30	1 6 7	14♎38'58	12♎52	8♎27	24♍31	28♌32	20♍54	11♎24	27♎58	5♏32	24♒51	10♐14	11♐37	24♉24	17♊13	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	5n31	0s31	4s58	7s12	2s30	16n 1	0n48	18n46	1n11	7n 2	1n 4	1s 4	2n17	9s44	0n30	11s25	1n48	24s56	12s36	22s27	22s28	19n59	18n10	4s46
W 2	5 8	5 58	4 40	7 42	2 37	15 40	0 51	18 36	1 11	6 57	1 4	1 7	2 16	9 45	0 30	11 26	1 48	24 56	12 36	22 25	22 27	20 0	18 9	4 46
T 3	4 45	11 8	4 4	8 11	2 45	15 19	0 53	18 26	1 12	6 52	1 4	1 10	2 16	9 46	0 30	11 26	1 48	24 57	12 36	22 24	22 27	20 1	18 9	4 47
F 4	4 22	15 40	3 11	8 39	2 52	14 57	0 55	18 15	1 12	6 47	1 4	1 12	2 16	9 47	0 30	11 27	1 48	24 57	12 36	22 23	22 27	20 2	18 9	4 47
S 5	3 59	19 14	2 6	9 5	2 58	14 35	0 57	18 5	1 12	6 42	1 4	1 15	2 16	9 48	0 30	11 28	1 47	24 57	12 36	22 23	22 26	20 3	18 8	4 48
S 6	3 36	21 34	0 54	9 30	3 5	14 13	0 59	17 55	1 13	6 37	1 4	1 18	2 16	9 49	0 30	11 28	1 47	24 58	12 36	22 23	22 26	20 4	18 8	4 48
M 7	3 13	22 29	0n21	9 52	3 11	13 50	1 1	17 44	1 13	6 32	1 5	1 21	2 16	9 51	0 30	11 29	1 47	24 58	12 35	22 23	22 25	20 5	18 7	4 49
T 8	2 49	21 59	1 33	10 13	3 17	13 26	1 3	17 34	1 14	6 27	1 5	1 24	2 16	9 52	0 30	11 29	1 47	24 58	12 35	22 23	22 25	20 6	18 7	4 49
W 9	2 26	20 9	2 39	10 32	3 22	13 2	1 5	17 23	1 14	6 22	1 5	1 27	2 16	9 53	0 30	11 30	1 47	24 59	12 35	22 22	22 25	20 7	18 7	4 50
T 10	2 2	17 13	3 35	10 48	3 26	12 38	1 7	17 12	1 15	6 17	1 5	1 30	2 16	9 54	0 30	11 31	1 47	24 59	12 35	22 22	22 24	20 8	18 6	4 50
F 11	1 39	13 26	4 18	11 2	3 30	12 14	1 9	17 1	1 15	6 12	1 5	1 32	2 16	9 55	0 30	11 31	1 47	24 59	12 35	22 21	22 24	20 9	18 6	4 51
S 12	1 15	9 3	4 47	11 13	3 33	11 49	1 11	16 50	1 15	6 7	1 5	1 35	2 16	9 57	0 30	11 32	1 47	24 59	12 35	22 20	22 23	20 9	18 5	4 51
S 13	0 52	4 19	5 0	11 21	3 36	11 24	1 12	16 39	1 16	6 2	1 5	1 38	2 16	9 58	0 30	11 33	1 47	25 0	12 35	22 18	22 23	20 10	18 5	4 52
M14	0 28	0n30	4 58	11 26	3 37	10 58	1 14	16 28	1 16	5 57	1 5	1 41	2 16	9 59	0 30	11 33	1 47	25 0	12 35	22 17	22 22	20 11	18 4	4 52
T 15	0 5	5 14	4 42	11 27	3 38	10 32	1 15	16 17	1 17	5 52	1 5	1 44	2 16	10 0	0 30	11 34	1 47	25 0	12 35	22 15	22 22	20 12	18 4	4 53
W16	0s19	9 41	4 13	11 25	3 37	10 6	1 17	16 6	1 17	5 47	1 5	1 47	2 16	10 2	0 30	11 35	1 47	25 0	12 34	22 13	22 22	20 13	18 3	4 53
T 17	0 42	13 40	3 32	11 19	3 35	9 40	1 18	15 54	1 17	5 42	1 5	1 49	2 16	10 3	0 30	11 35	1 47	25 1	12 34	22 12	22 21	20 14	18 3	4 54
F 18	1 6	17 3	2 42	11 8	3 31	9 13	1 20	15 43	1 18	5 37	1 5	1 52	2 16	10 4	0 30	11 36	1 47	25 1	12 34	22 11	22 21	20 15	18 3	4 54
S 19	1 30	19 41	1 46	10 53	3 26	8 46	1 21	15 31	1 18	5 32	1 5	1 55	2 16	10 5	0 30	11 37	1 47	25 1	12 34	22 10	22 20	20 16	18 2	4 55
S 20	1 53	21 28	0 45	10 33	3 19	8 18	1 22	15 20	1 19	5 27	1 5	1 58	2 16	10 7	0 30	11 37	1 47	25 1	12 34	22 10	22 20	20 17	18 2	4 55
M21	2 17	22 18	0s18	10 9	3 11	7 51	1 23	15 8	1 19	5 22	1 5	2 1	2 16	10 8	0 29	11 38	1 47	25 1	12 34	22 10	22 20	20 18	18 1	4 56
T 22	2 40	22 8	1 20	9 39	3 0	7 23	1 24	14 56	1 19	5 17	1 5	2 4	2 16	10 9	0 29	11 39	1 47	25 2	12 33	22 10	22 19	20 18	18 1	4 56
W23	3 4	20 57	2 20	9 6	2 48	6 55	1 25	14 44	1 20	5 12	1 6	2 7	2 16	10 11	0 29	11 39	1 47	25 2	12 33	22 10	22 19	20 19	18 0	4 56
T 24	3 28	18 45	3 15	8 28	2 34	6 27	1 26	14 32	1 20	5 7	1 6	2 9	2 16	10 12	0 29	11 40	1 47	25 2	12 33	22 10	22 18	20 20	18 0	4 57
F 25	3 51	15 37	4 2	7 46	2 18	5 58	1 27	14 20	1 21	5 2	1 6	2 12	2 16	10 13	0 29	11 41	1 47	25 2	12 33	22 10	22 18	20 21	17 59	4 57
S 26	4 14	11 37	4 38	7 2	2 0	5 30	1 28	14 8	1 21	4 58	1 6	2 15	2 16	10 15	0 29	11 42	1 47	25 2	12 33	22 9	22 17	20 22	17 58	4 58
S 27	4 38	6 56	5 0	6 16	1 41	5 1	1 29	13 56	1 22	4 53	1 6	2 18	2 16	10 16	0 29	11 42	1 47	25 2	12 33	22 8	22 17	20 23	17 58	4 58
M28	5 1	1 44	5 5	5 29	1 22	4 32	1 29	13 44	1 22	4 48	1 6	2 21	2 16	10 17	0 29	11 43	1 47	25 2	12 32	22 7	22 17	20 24	17 57	4 59
T 29	5 24	3s42	4 51	4 43	1 1	4 3	1 30	13 31	1 22	4 43	1 6	2 24	2 16	10 19	0 29	11 44	1 47	25 2	12 32	22 5	22 16	20 24	17 57	4 59
W30	5s48	9s 3	4s18	3s59	0s40	3n34	1n30	13n19	1n23	4n38	1n 6	2s27	2n16	10s20	0n29	11s44	1n47	25s 2	12s32	22s 4	22s16	20n25	17n56	5s 0

Julian Day Number = 2197587.5, Delta T = 10m17s
Ecliptic obliquity = 23°31'44, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°02'33, Lahiri = 14°09'34 Julian Calendar 1 Sept. 1304 == Greg. Calendar 9 Sept. 1304

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ASTRODIENST EPHEMERIS for the year 1304
geocentric

OCTOBER 1304 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	1 10 4	15♎38'39	27♎48	7°R29	25♍46	29♌ 9	21♍ 6	11♎31	28♎ 1	5♏35	24°R51	10°R 7	11♐34	24♉31	17°R12	T 1
F 2	1 14 0	16°38'22	12♏47	6♎40	27° 1	29°45	21°19	11°39	28° 5	5°37	24♒50	10♐ 2	11°31	24°37	17♊11	F 2
S 3	1 17 57	17°38'07	27°40	6° 0	28°16	0♍21	21°31	11°46	28° 9	5°39	24°49	9°59	11°28	24°44	17° 9	S 3
S 4	1 21 54	18°37'53	12♐20	5°32	29°30	0°58	21°43	11°53	28°12	5°41	24°49	9°D58	11°24	24°51	17° 8	S 4
M 5	1 25 50	19°37'42	26°42	5°14	0♎45	1°34	21°55	12° 0	28°16	5°43	24°48	9°59	11°21	24°57	17° 7	M 5
T 6	1 29 47	20°37'32	10♑45	5°D 8	2° 0	2°10	22° 8	12° 8	28°20	5°45	24°47	10° 0	11°18	25° 4	17° 6	T 6
W 7	1 33 43	21°37'24	24°28	5°13	3°15	2°46	22°20	12°15	28°24	5°48	24°47	10°R 1	11°15	25°11	17° 4	W 7
T 8	1 37 40	22°37'17	7♒53	5°29	4°30	3°22	22°32	12°22	28°27	5°50	24°46	9°59	11°12	25°17	17° 3	T 8
F 9	1 41 36	23°37'12	21° 0	5°55	5°45	3°58	22°44	12°29	28°31	5°52	24°46	9°56	11° 9	25°24	17° 1	F 9
S 10	1 45 33	24°37'09	3♓53	6°30	7° 0	4°34	22°56	12°36	28°35	5°54	24°45	9°51	11° 5	25°31	16°59	S 10
S 11	1 49 29	25°37'07	16°32	7°15	8°15	5°10	23° 8	12°44	28°39	5°56	24°45	9°44	11° 2	25°37	16°57	S 11
M12	1 53 26	26°37'08	29° 0	8° 6	9°30	5°46	23°20	12°51	28°42	5°59	24°44	9°36	10°59	25°44	16°56	M12
T 13	1 57 23	27°37'09	11♈17	9° 5	10°45	6°22	23°32	12°58	28°46	6° 1	24°44	9°28	10°56	25°50	16°54	T 13
W14	2 1 19	28°37'13	23°24	10°10	12° 0	6°58	23°43	13° 5	28°50	6° 3	24°43	9°20	10°53	25°57	16°52	W14
T 15	2 5 16	29°37'19	5♉24	11°20	13°15	7°34	23°55	13°12	28°54	6° 5	24°43	9°14	10°49	26° 4	16°50	T 15
F 16	2 9 12	0♏37'26	17°17	12°35	14°30	8° 9	24° 7	13°19	28°57	6° 8	24°42	9°10	10°46	26°10	16°48	F 16
S 17	2 13 9	1°37'36	29° 5	13°53	15°45	8°45	24°18	13°26	29° 1	6°10	24°42	9° 7	10°43	26°17	16°45	S 17
S 18	2 17 5	2°37'47	10♊52	15°15	17° 0	9°21	24°30	13°33	29° 5	6°12	24°42	9°D 7	10°40	26°24	16°43	S 18
M19	2 21 2	3°38'01	22°39	16°39	18°15	9°56	24°41	13°40	29° 9	6°14	24°41	9° 8	10°37	26°30	16°41	M19
T 20	2 24 58	4°38'16	4♋32	18° 6	19°30	10°32	24°53	13°47	29°12	6°17	24°41	9° 9	10°34	26°37	16°39	T 20
W21	2 28 55	5°38'34	16°34	19°35	20°46	11° 7	25° 4	13°54	29°16	6°19	24°41	9°11	10°30	26°44	16°36	W21
T 22	2 32 52	6°38'53	28°51	21° 6	22° 1	11°42	25°15	14° 1	29°20	6°21	24°41	9°12	10°27	26°50	16°34	T 22
F 23	2 36 48	7°39'15	11♌26	22°37	23°16	12°18	25°27	14° 8	29°24	6°23	24°40	9°R13	10°24	26°57	16°31	F 23
S 24	2 40 45	8°39'38	24°25	24°10	24°31	12°53	25°38	14°15	29°27	6°26	24°40	9°11	10°21	27° 4	16°28	S 24
S 25	2 44 41	9°40'03	7♍50	25°43	25°47	13°28	25°49	14°22	29°31	6°28	24°40	9° 9	10°18	27°10	16°26	S 25
M26	2 48 38	10°40'31	21°44	27°18	27° 2	14° 4	26° 0	14°29	29°35	6°30	24°40	9° 5	10°14	27°17	16°23	M26
T 27	2 52 34	11°41'00	6♎ 7	28°52	28°17	14°39	26°11	14°35	29°38	6°32	24°40	9° 1	10°11	27°24	16°20	T 27
W28	2 56 31	12°41'31	20°53	0♏27	29°33	15°14	26°21	14°42	29°42	6°35	24°40	8°57	10° 8	27°30	16°17	W28
T 29	3 0 27	13°42'04	5♏57	2° 3	0♏48	15°49	26°32	14°49	29°46	6°37	24°40	8°54	10° 5	27°37	16°15	T 29
F 30	3 4 24	14°42'38	21° 9	3°38	2° 3	16°24	26°43	14°55	29°49	6°39	24°40	8°52	10° 2	27°44	16°12	F 30
S 31	3 8 21	15♏43'14	6♐20	5♏13	3♏19	16♍59	26♍53	15♎ 2	29♎53	6♏41	24°D40	8°D51	9♐59	27♉50	16♊ 9	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	6s11	13s57	3s27	3s17	0s20	3n 4	1n31	13n 7	1n23	4n33	1n 6	2s29	2n16	10s21	0n29	11s45	1n47	25s 3	12s32	22s 3	22s15	20n26	17n56	5s 0
F 2	6 34	17 58	2 21	2 39	0 0	2 35	1 31	12 54	1 24	4 28	1 6	2 32	2 16	10 23	0 29	11 46	1 47	25 3	12 32	22 2	22 15	20 27	17 55	5 1
S 3	6 57	20 47	1 6	2 6	0n19	2 5	1 31	12 42	1 24	4 24	1 6	2 35	2 16	10 24	0 29	11 47	1 47	25 3	12 31	22 2	22 14	20 28	17 55	5 1
S 4	7 20	22 9	0n13	1 39	0 37	1 36	1 32	12 29	1 24	4 19	1 7	2 38	2 16	10 25	0 29	11 47	1 47	25 3	12 31	22 2	22 14	20 29	17 54	5 2
M 5	7 42	22 0	1 29	1 17	0 53	1 6	1 32	12 17	1 25	4 14	1 7	2 41	2 16	10 27	0 29	11 48	1 47	25 3	12 31	22 2	22 14	20 29	17 53	5 2
T 6	8 5	20 28	2 38	1 1	1 8	0 36	1 32	12 4	1 25	4 9	1 7	2 43	2 16	10 28	0 29	11 49	1 47	25 3	12 31	22 2	22 13	20 30	17 53	5 2
W 7	8 28	17 45	3 37	0 51	1 21	0 6	1 32	11 51	1 26	4 5	1 7	2 46	2 16	10 29	0 29	11 50	1 47	25 3	12 30	22 2	22 13	20 31	17 52	5 3
T 8	8 50	14 9	4 22	0 46	1 32	0s23	1 32	11 39	1 26	4 0	1 7	2 49	2 16	10 31	0 29	11 50	1 47	25 3	12 30	22 2	22 12	20 32	17 52	5 3
F 9	9 12	9 56	4 52	0 48	1 42	0 53	1 32	11 26	1 26	3 55	1 7	2 52	2 16	10 32	0 29	11 51	1 47	25 3	12 30	22 1	22 12	20 33	17 51	5 4
S 10	9 34	5 21	5 7	0 54	1 50	1 23	1 31	11 13	1 27	3 51	1 7	2 54	2 16	10 33	0 29	11 52	1 47	25 3	12 30	22 1	22 11	20 33	17 51	5 4
S 11	9 56	0 38	5 7	1 6	1 57	1 53	1 31	11 0	1 27	3 46	1 7	2 57	2 16	10 35	0 29	11 53	1 47	25 3	12 30	22 0	22 11	20 34	17 50	5 5
M12	10 18	4n 3	4 51	1 21	2 2	2 23	1 31	10 47	1 28	3 41	1 8	3 0	2 16	10 36	0 29	11 53	1 47	25 3	12 29	21 58	22 10	20 35	17 49	5 5
T 13	10 40	8 30	4 23	1 41	2 6	2 53	1 30	10 34	1 28	3 37	1 8	3 3	2 16	10 37	0 29	11 54	1 47	25 3	12 29	21 57	22 10	20 36	17 49	5 6
W14	11 1	12 34	3 43	2 4	2 9	3 23	1 30	10 21	1 28	3 32	1 8	3 5	2 17	10 39	0 29	11 55	1 47	25 2	12 29	21 56	22 10	20 36	17 48	5 6
T 15	11 23	16 5	2 53	2 30	2 10	3 53	1 29	10 8	1 29	3 28	1 8	3 8	2 17	10 40	0 29	11 56	1 47	25 2	12 29	21 55	22 9	20 37	17 48	5 6
F 16	11 44	18 55	1 56	2 59	2 10	4 22	1 29	9 55	1 29	3 23	1 8	3 11	2 17	10 41	0 29	11 56	1 46	25 2	12 28	21 54	22 9	20 38	17 47	5 7
S 17	12 5	20 55	0 54	3 30	2 10	4 52	1 28	9 42	1 30	3 19	1 8	3 13	2 17	10 43	0 29	11 57	1 46	25 2	12 28	21 54	22 8	20 39	17 46	5 7
S 18	12 26	22 0	0s10	4 3	2 9	5 22	1 27	9 29	1 30	3 14	1 8	3 16	2 17	10 44	0 29	11 58	1 46	25 2	12 28	21 54	22 8	20 39	17 46	5 8
M19	12 46	22 6	1 13	4 38	2 6	5 51	1 26	9 16	1 30	3 10	1 8	3 19	2 17	10 45	0 29	11 58	1 46	25 2	12 28	21 54	22 7	20 40	17 45	5 8
T 20	13 7	21 12	2 15	5 13	2 4	6 20	1 26	9 3	1 31	3 5	1 9	3 21	2 17	10 47	0 29	11 59	1 46	25 2	12 27	21 54	22 7	20 41	17 44	5 8
W21	13 27	19 20	3 11	5 50	2 0	6 50	1 25	8 50	1 31	3 1	1 9	3 24	2 17	10 48	0 29	12 0	1 46	25 2	12 27	21 55	22 6	20 42	17 44	5 9
T 22	13 47	16 34	4 0	6 28	1 56	7 19	1 24	8 36	1 32	2 57	1 9	3 27	2 17	10 49	0 29	12 1	1 46	25 2	12 27	21 55	22 6	20 42	17 43	5 9
F 23	14 7	12 58	4 38	7 6	1 52	7 48	1 23	8 23	1 32	2 52	1 9	3 29	2 17	10 51	0 29	12 1	1 46	25 1	12 27	21 55	22 5	20 43	17 43	5 10
S 24	14 26	8 40	5 4	7 45	1 47	8 17	1 21	8 10	1 32	2 48	1 9	3 32	2 17	10 52	0 29	12 2	1 46	25 1	12 26	21 55	22 5	20 44	17 42	5 10
S 25	14 46	3 48	5 14	8 24	1 42	8 45	1 20	7 57	1 33	2 44	1 9	3 34	2 18	10 53	0 29	12 3	1 46	25 1	12 26	21 54	22 5	20 44	17 41	5 10
M26	15 5	1s24	5 6	9 3	1 37	9 14	1 19	7 44	1 33	2 40	1 9	3 37	2 18	10 55	0 29	12 4	1 46	25 1	12 26	21 54	22 4	20 45	17 41	5 11
T 27	15 24	6 43	4 40	9 42	1 31	9 42	1 18	7 30	1 33	2 35	1 10	3 39	2 18	10 56	0 29	12 4	1 46	25 1	12 26	21 53	22 4	20 46	17 40	5 11
W28	15 42	11 48	3 54	10 21	1 25	10 10	1 16	7 17	1 34	2 31	1 10	3 42	2 18	10 57	0 29	12 5	1 47	25 0	12 25	21 52	22 3	20 46	17 39	5 11
T 29	16 1	16 15	2 52	11 0	1 19	10 37	1 15	7 4	1 34	2 27	1 10	3 44	2 18	10 59	0 29	12 6	1 47	25 0	12 25	21 52	22 3	20 47	17 39	5 12
F 30	16 19	19 40	1 36	11 38	1 13	11 5	1 13	6 50	1 35	2 23	1 10	3 47	2 18	11 0	0 29	12 7	1 47	25 0	12 25	21 52	22 2	20 48	17 38	5 12
S 31	16s36	21s40	0s14	12s16	1n 6	11s32	1n12	6n37	1n35	2n19	1n10	3s49	2n18	11s 1	0n29	12s 7	1n47	25s 0	12s24	21s52	22s 2	20n48	17n38	5s12

Julian Day Number = 2197617.5, Delta T = 10m17s
Ecliptic obliquity = 23°31'44, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°02'37, Lahiri = 14°09'38 Julian Calendar 1 Oct. 1304 == Greg. Calendar 9 Oct. 1304

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ASTRODIENST EPHEMERIS for the year 1304
geocentric

NOVEMBER 1304 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	3 12 17	16♏43'51	21♐20	6♏49	4♏34	17♍34	27♍ 4	15♎ 9	29♎57	6♏44	24♒40	8♐51	9♐55	27♉57	16°R 6	S 1
M 2	3 16 14	17°44'30	6♑ 2	8°25	5°49	18° 8	27°14	15°15	0♏ 0	6°46	24°40	8°53	9°52	28° 3	16♊ 2	M 2
T 3	3 20 10	18°45'10	20°20	10° 0	7° 5	18°43	27°24	15°22	0° 4	6°48	24°40	8°54	9°49	28°10	15°59	T 3
W 4	3 24 7	19°45'51	4♒14	11°35	8°20	19°18	27°35	15°28	0° 8	6°50	24°40	8°55	9°46	28°17	15°56	W 4
T 5	3 28 3	20°46'33	17°43	13°11	9°36	19°52	27°45	15°35	0°11	6°52	24°40	8°R56	9°43	28°23	15°53	T 5
F 6	3 32 0	21°47'16	0♓48	14°46	10°51	20°27	27°55	15°41	0°15	6°55	24°40	8°56	9°40	28°30	15°50	F 6
S 7	3 35 56	22°48'01	13°34	16°21	12° 7	21° 1	28° 5	15°47	0°18	6°57	24°40	8°55	9°36	28°37	15°46	S 7
S 8	3 39 53	23°48'46	26° 3	17°56	13°22	21°36	28°14	15°53	0°22	6°59	24°40	8°53	9°33	28°43	15°43	S 8
M 9	3 43 50	24°49'32	8♈18	19°31	14°38	22°10	28°24	16° 0	0°25	7° 1	24°41	8°51	9°30	28°50	15°40	M 9
T 10	3 47 46	25°50'20	20°23	21° 6	15°53	22°44	28°34	16° 6	0°29	7° 3	24°41	8°49	9°27	28°57	15°36	T 10
W11	3 51 43	26°51'08	2♉20	22°40	17° 8	23°18	28°43	16°12	0°32	7° 5	24°41	8°47	9°24	29° 3	15°33	W11
T 12	3 55 39	27°51'58	14°12	24°15	18°24	23°52	28°53	16°18	0°36	7° 8	24°41	8°45	9°20	29°10	15°29	T 12
F 13	3 59 36	28°52'49	26° 0	25°49	19°39	24°26	29° 2	16°24	0°39	7°10	24°42	8°44	9°17	29°17	15°26	F 13
S 14	4 3 32	29°53'41	7♊48	27°24	20°55	25° 0	29°11	16°30	0°43	7°12	24°42	8°D44	9°14	29°23	15°22	S 14
S 15	4 7 29	0♐54'34	19°37	28°58	22°10	25°34	29°20	16°36	0°46	7°14	24°42	8°44	9°11	29°30	15°19	S 15
M16	4 11 25	1°55'28	1♋30	0♐32	23°26	26° 8	29°29	16°42	0°49	7°16	24°43	8°45	9° 8	29°37	15°15	M16
T 17	4 15 22	2°56'24	13°28	2° 7	24°41	26°42	29°38	16°48	0°53	7°18	24°43	8°45	9° 5	29°43	15°11	T 17
W18	4 19 19	3°57'20	25°35	3°41	25°57	27°15	29°47	16°53	0°56	7°20	24°44	8°46	9° 1	29°50	15° 8	W18
T 19	4 23 15	4°58'18	7♌55	5°15	27°12	27°49	29°55	16°59	0°59	7°22	24°44	8°47	8°58	29°56	15° 4	T 19
F 20	4 27 12	5°59'17	20°30	6°49	28°28	28°22	0♎ 4	17° 5	1° 3	7°24	24°45	8°47	8°55	0♊ 3	15° 0	F 20
S 21	4 31 8	7° 0'17	3♍25	8°24	29°43	28°56	0°12	17°10	1° 6	7°26	24°45	8°R47	8°52	0°10	14°57	S 21
S 22	4 35 5	8° 1'19	16°42	9°58	0♐59	29°29	0°20	17°16	1° 9	7°28	24°46	8°47	8°49	0°16	14°53	S 22
M23	4 39 1	9° 2'21	0♎23	11°33	2°14	0♎ 2	0°28	17°21	1°12	7°30	24°46	8°D47	8°46	0°23	14°49	M23
T 24	4 42 58	10° 3'25	14°31	13° 7	3°30	0°35	0°36	17°26	1°15	7°32	24°47	8°47	8°42	0°30	14°45	T 24
W25	4 46 54	11° 4'29	29° 3	14°42	4°46	1° 8	0°44	17°32	1°19	7°34	24°48	8°47	8°39	0°36	14°42	W25
T 26	4 50 51	12° 5'35	13♏56	16°16	6° 1	1°41	0°52	17°37	1°22	7°36	24°48	8°47	8°36	0°43	14°38	T 26
F 27	4 54 48	13° 6'41	29° 3	17°51	7°17	2°14	1° 0	17°42	1°25	7°38	24°49	8°48	8°33	0°50	14°34	F 27
S 28	4 58 44	14° 7'49	14♐15	19°26	8°32	2°47	1° 7	17°47	1°28	7°40	24°50	8°R48	8°30	0°56	14°30	S 28
S 29	5 2 41	15° 8'57	29°23	21° 1	9°48	3°20	1°14	17°52	1°31	7°42	24°50	8°47	8°26	1° 3	14°26	S 29
M30	5 6 37	16♐10'05	14♑17	22♐36	11♐ 3	3♎52	1♎22	17♎57	1♏34	7♏44	24♒51	8♐47	8♐23	1♊10	14♊23	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	16s54	22s 6	1n 8	12s54	1n 0	11s59	1n10	6n24	1n35	2n15	1n10	3s52	2n18	11s 2	0n29	12s 8	1n47	24s59	12s24	21s52	22s 1	20n49	17n37	5s13
M 2	17 11	20 59	2 25	13 32	0 53	12 26	1 9	6 11	1 36	2 11	1 11	3 54	2 18	11 4	0 29	12 9	1 47	24 59	12 24	21 52	22 1	20 50	17 36	5 13
T 3	17 28	18 32	3 30	14 8	0 46	12 52	1 7	5 57	1 36	2 7	1 11	3 56	2 19	11 5	0 29	12 9	1 47	24 59	12 24	21 52	22 0	20 50	17 36	5 13
W 4	17 45	15 3	4 20	14 45	0 39	13 18	1 5	5 44	1 37	2 3	1 11	3 59	2 19	11 6	0 29	12 10	1 47	24 59	12 23	21 52	22 0	20 51	17 35	5 14
T 5	18 1	10 54	4 55	15 20	0 33	13 44	1 4	5 31	1 37	1 59	1 11	4 1	2 19	11 7	0 29	12 11	1 47	24 58	12 23	21 52	21 59	20 52	17 34	5 14
F 6	18 17	6 20	5 13	15 55	0 26	14 9	1 2	5 17	1 37	1 55	1 11	4 3	2 19	11 9	0 29	12 12	1 47	24 58	12 23	21 52	21 59	20 52	17 34	5 14
S 7	18 32	1 38	5 15	16 29	0 19	14 34	1 0	5 4	1 38	1 52	1 11	4 6	2 19	11 10	0 29	12 12	1 47	24 58	12 23	21 52	21 58	20 53	17 33	5 15
S 8	18 48	3n 3	5 3	17 3	0 12	14 59	0 58	4 51	1 38	1 48	1 12	4 8	2 19	11 11	0 29	12 13	1 47	24 57	12 22	21 52	21 58	20 54	17 33	5 15
M 9	19 3	7 32	4 36	17 36	0 5	15 23	0 56	4 38	1 39	1 44	1 12	4 10	2 19	11 12	0 29	12 14	1 47	24 57	12 22	21 51	21 57	20 54	17 32	5 15
T 10	19 17	11 39	3 57	18 7	0s 2	15 47	0 54	4 24	1 39	1 41	1 12	4 13	2 20	11 14	0 29	12 14	1 47	24 57	12 22	21 51	21 57	20 55	17 31	5 15
W11	19 32	15 17	3 9	18 38	0 8	16 11	0 52	4 11	1 39	1 37	1 12	4 15	2 20	11 15	0 29	12 15	1 47	24 56	12 22	21 51	21 57	20 56	17 31	5 16
T 12	19 45	18 16	2 12	19 9	0 15	16 34	0 50	3 58	1 40	1 33	1 12	4 17	2 20	11 16	0 29	12 16	1 47	24 56	12 21	21 51	21 56	20 56	17 30	5 16
F 13	19 59	20 28	1 10	19 38	0 22	16 56	0 48	3 45	1 40	1 30	1 13	4 19	2 20	11 17	0 29	12 16	1 47	24 56	12 21	21 50	21 56	20 57	17 29	5 16
S 14	20 12	21 47	0 5	20 6	0 28	17 19	0 46	3 32	1 40	1 26	1 13	4 21	2 20	11 18	0 29	12 17	1 47	24 55	12 21	21 50	21 55	20 57	17 29	5 16
S 15	20 25	22 7	1s 0	20 34	0 34	17 40	0 44	3 19	1 41	1 23	1 13	4 23	2 20	11 20	0 29	12 18	1 47	24 55	12 20	21 50	21 55	20 58	17 28	5 17
M16	20 37	21 28	2 3	21 0	0 41	18 1	0 42	3 5	1 41	1 19	1 13	4 25	2 21	11 21	0 29	12 18	1 47	24 55	12 20	21 51	21 54	20 59	17 28	5 17
T 17	20 49	19 50	3 1	21 26	0 47	18 22	0 40	2 52	1 42	1 16	1 13	4 27	2 21	11 22	0 29	12 19	1 47	24 54	12 20	21 51	21 54	20 59	17 27	5 17
W18	21 1	17 18	3 52	21 50	0 53	18 42	0 37	2 39	1 42	1 13	1 14	4 30	2 21	11 23	0 29	12 20	1 47	24 54	12 20	21 51	21 53	21 0	17 26	5 17
T 19	21 12	13 57	4 33	22 13	0 59	19 2	0 35	2 26	1 42	1 10	1 14	4 32	2 21	11 24	0 29	12 20	1 47	24 53	12 19	21 51	21 53	21 0	17 26	5 17
F 20	21 23	9 56	5 2	22 35	1 5	19 21	0 33	2 13	1 43	1 6	1 14	4 33	2 21	11 25	0 29	12 21	1 47	24 53	12 19	21 51	21 52	21 1	17 25	5 18
S 21	21 34	5 22	5 17	22 57	1 10	19 40	0 31	2 0	1 43	1 3	1 14	4 35	2 21	11 27	0 29	12 22	1 47	24 52	12 19	21 51	21 52	21 1	17 25	5 18
S 22	21 44	0 26	5 15	23 16	1 16	19 58	0 28	1 47	1 44	1 0	1 14	4 37	2 22	11 28	0 29	12 22	1 47	24 52	12 19	21 51	21 51	21 2	17 24	5 18
M23	21 53	4s41	4 56	23 35	1 21	20 16	0 26	1 34	1 44	0 57	1 15	4 39	2 22	11 29	0 29	12 23	1 47	24 52	12 18	21 51	21 51	21 2	17 24	5 18
T 24	22 2	9 43	4 19	23 53	1 26	20 33	0 24	1 22	1 44	0 54	1 15	4 41	2 22	11 30	0 29	12 23	1 47	24 51	12 18	21 51	21 50	21 3	17 23	5 18
W25	22 11	14 21	3 24	24 9	1 31	20 49	0 21	1 9	1 45	0 51	1 15	4 43	2 22	11 31	0 29	12 24	1 47	24 51	12 18	21 51	21 50	21 4	17 22	5 18
T 26	22 20	18 13	2 14	24 24	1 36	21 5	0 19	0 56	1 45	0 48	1 15	4 45	2 22	11 32	0 29	12 25	1 47	24 50	12 18	21 51	21 49	21 4	17 22	5 18
F 27	22 27	20 54	0 54	24 38	1 40	21 20	0 17	0 43	1 45	0 46	1 16	4 47	2 23	11 33	0 29	12 25	1 47	24 50	12 17	21 51	21 49	21 5	17 21	5 19
S 28	22 35	22 6	0n30	24 50	1 44	21 34	0 14	0 30	1 46	0 43	1 16	4 48	2 23	11 34	0 29	12 26	1 47	24 49	12 17	21 51	21 48	21 5	17 21	5 19
S 29	22 42	21 40	1 52	25 1	1 48	21 48	0 12	0 18	1 46	0 40	1 16	4 50	2 23	11 35	0 29	12 26	1 47	24 49	12 17	21 51	21 48	21 6	17 20	5 19
M30	22s48	19s42	3n 5	25s11	1s52	22s 2	0n10	0n 5	1n47	0n37	1n16	4s52	2n23	11s36	0n29	12s27	1n47	24s48	12s17	21s51	21s47	21n 6	17n20	5s19

Julian Day Number = 2197648.5, Delta T = 10m17s
Ecliptic obliquity = 23°31'43, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°02'42, Lahiri = 14°09'42 Julian Calendar 1 Nov. 1304 == Greg. Calendar 9 Nov. 1304

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ASTRODIENST EPHEMERIS for the year 1304
geocentric

DECEMBER 1304 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	5 10 34	17♐11'14	28♉51	24♐12	12♐19	4♎25	1♎29	18♎ 2	1♏37	7♏46	24♒52	8°R46	8♐20	1♊16	14°R19	T 1
W 2	5 14 30	18°12'23	12♒58	25°47	13°34	4°57	1°36	18° 7	1°39	7°47	24°53	8♐45	8°17	1°23	14♊15	W 2
T 3	5 18 27	19°13'33	26°38	27°23	14°50	5°29	1°42	18°11	1°42	7°49	24°53	8°44	8°14	1°30	14°11	T 3
F 4	5 22 24	20°14'42	9♓51	28°58	16° 6	6° 1	1°49	18°16	1°45	7°51	24°54	8°43	8°11	1°36	14° 8	F 4
S 5	5 26 20	21°15'52	22°39	0♉34	17°21	6°34	1°55	18°21	1°48	7°53	24°55	8°D43	8° 7	1°43	14° 4	S 5
S 6	5 30 17	22°17'01	5♈ 7	2°10	18°37	7° 5	2° 2	18°25	1°51	7°55	24°56	8°43	8° 4	1°49	14° 0	S 6
M 7	5 34 13	23°18'11	17°17	3°46	19°52	7°37	2° 8	18°29	1°53	7°56	24°57	8°44	8° 1	1°56	13°56	M 7
T 8	5 38 10	24°19'20	29°16	5°22	21° 8	8° 9	2°14	18°34	1°56	7°58	24°58	8°46	7°58	2° 3	13°53	T 8
W 9	5 42 6	25°20'30	11♉ 7	6°57	22°23	8°40	2°20	18°38	1°59	8° 0	24°59	8°47	7°55	2° 9	13°49	W 9
T 10	5 46 3	26°21'40	22°55	8°33	23°39	9°12	2°25	18°42	2° 1	8° 1	25° 0	8°48	7°52	2°16	13°45	T 10
F 11	5 49 59	27°22'50	4♊42	10° 9	24°54	9°43	2°31	18°46	2° 4	8° 3	25° 1	8°R49	7°48	2°23	13°42	F 11
S 12	5 53 56	28°24'00	16°32	11°44	26°10	10°15	2°36	18°50	2° 6	8° 5	25° 2	8°49	7°45	2°29	13°38	S 12
S 13	5 57 53	29°25'10	28°26	13°19	27°25	10°46	2°41	18°54	2° 9	8° 6	25° 3	8°48	7°42	2°36	13°34	S 13
M14	6 1 49	0♋26'20	10♋28	14°54	28°41	11°17	2°47	18°58	2°11	8° 8	25° 4	8°45	7°39	2°43	13°31	M14
T 15	6 5 46	1°27'30	22°38	16°28	29°56	11°47	2°51	19° 2	2°14	8° 9	25° 5	8°42	7°36	2°49	13°27	T 15
W16	6 9 42	2°28'40	4♌58	18° 1	1♋12	12°18	2°56	19° 5	2°16	8°11	25° 6	8°38	7°32	2°56	13°24	W16
T 17	6 13 39	3°29'51	17°30	19°33	2°27	12°49	3° 1	19° 9	2°18	8°12	25° 7	8°34	7°29	3° 3	13°20	T 17
F 18	6 17 35	4°31'01	0♍15	21° 3	3°43	13°19	3° 5	19°12	2°20	8°14	25° 8	8°30	7°26	3° 9	13°17	F 18
S 19	6 21 32	5°32'11	13°14	22°33	4°58	13°49	3° 9	19°16	2°23	8°15	25° 9	8°27	7°23	3°16	13°13	S 19
S 20	6 25 28	6°33'22	26°30	24° 0	6°14	14°20	3°13	19°19	2°25	8°17	25°11	8°25	7°20	3°23	13°10	S 20
M21	6 29 25	7°34'32	10♎ 4	25°25	7°29	14°50	3°17	19°22	2°27	8°18	25°12	8°D25	7°17	3°29	13° 7	M21
T 22	6 33 22	8°35'43	23°57	26°47	8°45	15°19	3°21	19°25	2°29	8°19	25°13	8°26	7°13	3°36	13° 3	T 22
W23	6 37 18	9°36'53	8♏10	28° 6	10° 0	15°49	3°25	19°28	2°31	8°21	25°14	8°27	7°10	3°42	13° 0	W23
T 24	6 41 15	10°38'04	22°41	29°20	11°15	16°19	3°28	19°31	2°33	8°22	25°15	8°28	7° 7	3°49	12°57	T 24
F 25	6 45 11	11°39'15	7♐26	0♒31	12°31	16°48	3°31	19°34	2°35	8°23	25°17	8°R29	7° 4	3°56	12°54	F 25
S 26	6 49 8	12°40'25	22°21	1°36	13°46	17°17	3°34	19°37	2°37	8°24	25°18	8°29	7° 1	4° 2	12°51	S 26
S 27	6 53 4	13°41'35	7♉17	2°35	15° 2	17°46	3°37	19°39	2°38	8°26	25°19	8°26	6°58	4° 9	12°48	S 27
M28	6 57 1	14°42'45	22° 7	3°27	16°17	18°15	3°39	19°42	2°40	8°27	25°21	8°22	6°54	4°16	12°45	M28
T 29	7 0 57	15°43'54	6♒42	4°11	17°33	18°44	3°42	19°44	2°42	8°28	25°22	8°16	6°51	4°22	12°42	T 29
W30	7 4 54	16°45'02	20°56	4°47	18°48	19°12	3°44	19°46	2°44	8°29	25°23	8°10	6°48	4°29	12°39	W30
T 31	7 8 51	17♉46'10	4♓44	5♒13	20♉ 4	19♎41	3♎46	19♎49	2♏45	8♏30	25♒25	8♐ 3	6♐45	4♊36	12♊36	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22s55	16s29	4n 4	25s19	1s55	22s14	0n 7	0s 7	1n47	0n35	1n17	4s53	2n23	11s37	0n29	12s28	1n47	24s48	12s16	21s51	21s47	21n 7	17n19	5s19
W 2	23 0	12 24	4 46	25 26	1 58	22 26	0 5	0 20	1 47	0 32	1 17	4 55	2 24	11 38	0 29	12 28	1 47	24 47	12 16	21 51	21 46	21 7	17 19	5 19
T 3	23 5	7 49	5 11	25 31	2 1	22 37	0 2	0 32	1 48	0 30	1 17	4 57	2 24	11 39	0 29	12 29	1 47	24 47	12 16	21 50	21 46	21 8	17 18	5 19
F 4	23 10	3 0	5 18	25 35	2 4	22 48	0s 0	0 45	1 48	0 27	1 17	4 58	2 24	11 40	0 29	12 29	1 47	24 46	12 16	21 50	21 45	21 8	17 18	5 19
S 5	23 14	1n48	5 8	25 38	2 6	22 58	0 2	0 57	1 49	0 25	1 17	5 0	2 24	11 41	0 29	12 30	1 47	24 46	12 15	21 50	21 45	21 9	17 17	5 19
S 6	23 18	6 23	4 45	25 38	2 8	23 7	0 5	1 9	1 49	0 23	1 18	5 1	2 24	11 42	0 29	12 30	1 47	24 45	12 15	21 50	21 44	21 9	17 17	5 19
M 7	23 21	10 38	4 9	25 37	2 9	23 16	0 7	1 22	1 49	0 21	1 18	5 3	2 25	11 43	0 29	12 31	1 48	24 45	12 15	21 50	21 44	21 10	17 16	5 19
T 8	23 24	14 24	3 22	25 35	2 10	23 23	0 10	1 34	1 50	0 18	1 18	5 4	2 25	11 44	0 29	12 31	1 48	24 44	12 15	21 51	21 43	21 10	17 16	5 19
W 9	23 27	17 33	2 28	25 31	2 11	23 30	0 12	1 46	1 50	0 16	1 18	5 5	2 25	11 45	0 29	12 32	1 48	24 44	12 15	21 51	21 43	21 11	17 15	5 19
T 10	23 29	19 58	1 27	25 25	2 11	23 37	0 14	1 58	1 50	0 14	1 19	5 7	2 25	11 46	0 29	12 32	1 48	24 43	12 14	21 51	21 42	21 11	17 15	5 19
F 11	23 30	21 32	0 23	25 18	2 10	23 42	0 17	2 10	1 51	0 12	1 19	5 8	2 26	11 46	0 29	12 33	1 48	24 43	12 14	21 51	21 42	21 12	17 15	5 19
S 12	23 31	22 8	0s43	25 9	2 9	23 47	0 19	2 22	1 51	0 10	1 19	5 9	2 26	11 47	0 30	12 33	1 48	24 42	12 14	21 51	21 41	21 12	17 14	5 19
S 13	23 32	21 45	1 46	24 59	2 8	23 52	0 21	2 34	1 52	0 8	1 20	5 11	2 26	11 48	0 30	12 34	1 48	24 41	12 14	21 51	21 41	21 12	17 14	5 19
M14	23 32	20 21	2 46	24 47	2 6	23 55	0 24	2 46	1 52	0 7	1 20	5 12	2 26	11 49	0 30	12 34	1 48	24 41	12 13	21 51	21 40	21 13	17 13	5 19
T 15	23 31	18 1	3 39	24 33	2 3	23 58	0 26	2 57	1 52	0 5	1 20	5 13	2 27	11 50	0 30	12 35	1 48	24 40	12 13	21 50	21 39	21 13	17 13	5 19
W16	23 30	14 51	4 22	24 17	2 0	24 0	0 28	3 9	1 53	0 3	1 20	5 14	2 27	11 51	0 30	12 35	1 48	24 40	12 13	21 49	21 39	21 14	17 13	5 19
T 17	23 29	10 59	4 53	24 1	1 56	24 1	0 30	3 21	1 53	0 2	1 21	5 15	2 27	11 51	0 30	12 35	1 48	24 39	12 13	21 49	21 38	21 14	17 12	5 19
F 18	23 27	6 34	5 11	23 42	1 51	24 1	0 33	3 32	1 53	0 0	1 21	5 16	2 27	11 52	0 30	12 36	1 48	24 39	12 13	21 48	21 38	21 15	17 12	5 19
S 19	23 25	1 48	5 13	23 22	1 46	24 1	0 35	3 44	1 54	0s 1	1 21	5 17	2 28	11 53	0 30	12 36	1 48	24 38	12 12	21 48	21 37	21 15	17 12	5 19
S 20	23 22	3s10	4 59	23 1	1 39	24 0	0 37	3 55	1 54	0 3	1 21	5 18	2 28	11 54	0 30	12 37	1 48	24 37	12 12	21 47	21 37	21 15	17 11	5 19
M21	23 19	8 6	4 28	22 39	1 32	23 58	0 39	4 6	1 54	0 4	1 22	5 19	2 28	11 54	0 30	12 37	1 48	24 37	12 12	21 47	21 36	21 16	17 11	5 19
T 22	23 15	12 44	3 40	22 15	1 24	23 56	0 41	4 17	1 55	0 5	1 22	5 20	2 28	11 55	0 30	12 37	1 48	24 36	12 12	21 48	21 36	21 16	17 11	5 19
W23	23 11	16 47	2 39	21 51	1 15	23 52	0 43	4 29	1 55	0 6	1 22	5 21	2 29	11 56	0 30	12 38	1 48	24 36	12 12	21 48	21 35	21 17	17 10	5 19
T 24	23 6	19 53	1 26	21 25	1 5	23 48	0 45	4 40	1 56	0 7	1 22	5 22	2 29	11 56	0 30	12 38	1 48	24 35	12 12	21 48	21 35	21 17	17 10	5 19
F 25	23 1	21 44	0 6	21 0	0 54	23 43	0 47	4 51	1 56	0 8	1 23	5 23	2 29	11 57	0 30	12 39	1 48	24 34	12 11	21 48	21 34	21 17	17 10	5 19
S 26	22 55	22 3	1n15	20 33	0 42	23 38	0 49	5 1	1 56	0 9	1 23	5 24	2 29	11 57	0 30	12 39	1 48	24 34	12 11	21 48	21 34	21 18	17 9	5 18
S 27	22 49	20 49	2 31	20 7	0 29	23 32	0 51	5 12	1 57	0 10	1 23	5 24	2 30	11 58	0 30	12 39	1 48	24 33	12 11	21 48	21 33	21 18	17 9	5 18
M28	22 43	18 9	3 36	19 42	0 15	23 25	0 53	5 23	1 57	0 11	1 24	5 25	2 30	11 59	0 30	12 40	1 49	24 33	12 11	21 47	21 33	21 19	17 9	5 18
T 29	22 36	14 23	4 25	19 17	0n 0	23 17	0 55	5 33	1 57	0 12	1 24	5 26	2 30	11 59	0 30	12 40	1 49	24 32	12 11	21 46	21 32	21 19	17 9	5 18
W30	22 28	9 53	4 57	18 52	0 16	23 9	0 57	5 44	1 58	0 12	1 24	5 26	2 30	12 0	0 30	12 40	1 49	24 31	12 11	21 45	21 32	21 19	17 8	5 18
T 31	22s21	5s 0	5n10	18s30	0n33	23s 0	0s59	5s54	1n58	0s13	1n24	5s27	2n31	12s 0	0n30	12s40	1n49	24s31	12s10	21s44	21s31	21n20	17n 8	5s18

Julian Day Number = 2197678.5, Delta T = 10m17s
Ecliptic obliquity = 23°31'42, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°02'46, Lahiri = 14°09'46 Julian Calendar 1 Dec. 1304 == Greg. Calendar 9 Dec. 1304

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ASTRODIENST EPHEMERIS for the year 1305
geocentric

JANUARY 1305 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	7 12 47	18♑47'16	18♓ 5	5♒29	21♑19	20♎ 9	3♎48	19♎51	2♏47	8♏31	25♒26	7°R58	6♐42	4♊42	12°R33	F 1
S 2	7 16 44	19°48'22	0♈59	5°R33	22°34	20°37	3°50	19°53	2°48	8°32	25°27	7♐54	6°38	4°49	12♊30	S 2
S 3	7 20 40	20°49'27	13°30	5°27	23°50	21° 5	3°51	19°55	2°50	8°33	25°29	7°52	6°35	4°56	12°27	S 3
M 4	7 24 37	21°50'30	25°42	5° 9	25° 5	21°32	3°53	19°56	2°51	8°34	25°30	7°D52	6°32	5° 2	12°25	M 4
T 5	7 28 33	22°51'33	7♉41	4°39	26°21	22° 0	3°54	19°58	2°52	8°35	25°32	7°53	6°29	5° 9	12°22	T 5
W 6	7 32 30	23°52'35	19°31	3°58	27°36	22°27	3°55	20° 0	2°54	8°36	25°33	7°55	6°26	5°15	12°20	W 6
T 7	7 36 26	24°53'35	1♊17	3° 7	28°51	22°54	3°55	20° 1	2°55	8°37	25°35	7°56	6°23	5°22	12°17	T 7
F 8	7 40 23	25°54'35	13° 5	2° 8	0♒ 7	23°20	3°56	20° 3	2°56	8°37	25°36	7°R56	6°19	5°29	12°15	F 8
S 9	7 44 20	26°55'33	24°58	1° 1	1°22	23°47	3°56	20° 4	2°57	8°38	25°38	7°54	6°16	5°35	12°12	S 9
S 10	7 48 16	27°56'31	7♋ 0	29♑50	2°37	24°13	3°R57	20° 5	2°58	8°39	25°39	7°50	6°13	5°42	12°10	S 10
M11	7 52 13	28°57'27	19°13	28°35	3°52	24°39	3°57	20° 6	2°59	8°40	25°41	7°44	6°10	5°49	12° 8	M11
T 12	7 56 9	29°58'22	1♌38	27°20	5° 8	25° 5	3°56	20° 7	3° 0	8°40	25°42	7°35	6° 7	5°55	12° 6	T 12
W13	8 0 6	0♒59'16	14°17	26° 7	6°23	25°31	3°56	20° 8	3° 1	8°41	25°44	7°25	6° 4	6° 2	12° 4	W13
T 14	8 4 2	2° 0'09	27° 9	24°57	7°38	25°56	3°55	20° 9	3° 2	8°42	25°45	7°15	6° 0	6° 9	12° 2	T 14
F 15	8 7 59	3° 1'01	10♍13	23°52	8°54	26°21	3°55	20° 9	3° 3	8°42	25°47	7° 5	5°57	6°15	12° 0	F 15
S 16	8 11 55	4° 1'52	23°29	22°53	10° 9	26°46	3°54	20°10	3° 4	8°43	25°48	6°57	5°54	6°22	11°58	S 16
S 17	8 15 52	5° 2'42	6♎56	22° 2	11°24	27°11	3°53	20°10	3° 4	8°43	25°50	6°51	5°51	6°29	11°56	S 17
M18	8 19 49	6° 3'31	20°34	21°19	12°39	27°35	3°51	20°11	3° 5	8°44	25°51	6°48	5°48	6°35	11°54	M18
T 19	8 23 45	7° 4'20	4♏24	20°44	13°54	27°59	3°50	20°11	3° 6	8°44	25°53	6°D47	5°44	6°42	11°53	T 19
W20	8 27 42	8° 5'07	18°25	20°17	15°10	28°23	3°48	20°11	3° 6	8°45	25°55	6°47	5°41	6°49	11°51	W20
T 21	8 31 38	9° 5'53	2♐36	19°59	16°25	28°46	3°46	20°R11	3° 7	8°45	25°56	6°R48	5°38	6°55	11°50	T 21
F 22	8 35 35	10° 6'39	16°58	19°49	17°40	29°10	3°44	20°11	3° 7	8°46	25°58	6°47	5°35	7° 2	11°48	F 22
S 23	8 39 31	11° 7'23	1♑26	19°D46	18°55	29°33	3°42	20°11	3° 8	8°46	25°59	6°45	5°32	7° 8	11°47	S 23
S 24	8 43 28	12° 8'06	15°58	19°50	20°10	29°55	3°39	20°11	3° 8	8°46	26° 1	6°40	5°29	7°15	11°46	S 24
M25	8 47 24	13° 8'48	0♒26	20° 2	21°25	0♏17	3°37	20°10	3° 8	8°46	26° 3	6°32	5°25	7°22	11°45	M25
T 26	8 51 21	14° 9'28	14°46	20°19	22°40	0°39	3°34	20°10	3° 8	8°47	26° 4	6°22	5°22	7°28	11°43	T 26
W27	8 55 18	15°10'07	28°49	20°43	23°56	1° 1	3°31	20° 9	3° 8	8°47	26° 6	6°10	5°19	7°35	11°42	W27
T 28	8 59 14	16°10'44	12♓33	21°12	25°11	1°22	3°27	20° 8	3° 9	8°47	26° 8	5°59	5°16	7°42	11°41	T 28
F 29	9 3 11	17°11'20	25°53	21°46	26°26	1°43	3°24	20° 8	3°R 9	8°47	26° 9	5°48	5°13	7°48	11°41	F 29
S 30	9 7 7	18°11'54	8♈49	22°24	27°41	2° 4	3°21	20° 7	3° 9	8°47	26°11	5°40	5°10	7°55	11°40	S 30
S 31	9 11 4	19♒12'26	21♈23	23♑ 7	28♒56	2♏24	3♎17	20♎ 6	3♏ 9	8♏47	26♒13	5♐34	5♐ 6	8♊ 2	11♊39	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22s12	0s 2	5n 6	18s 9	0n51	22s50	1s 1	6s 5	1n58	0s13	1n25	5s28	2n31	12s 1	0n30	12s41	1n49	24s30	12s10	21s43	21s30	21n20	17n 8	5s18
S 2	22 4	4n46	4 46	17 50	1 9	22 39	1 2	6 15	1 59	0 14	1 25	5 28	2 31	12 1	0 30	12 41	1 49	24 29	12 10	21 43	21 30	21 20	17 8	5 17
S 3	21 55	9 14	4 13	17 34	1 27	22 28	1 4	6 25	1 59	0 14	1 25	5 29	2 31	12 2	0 30	12 41	1 49	24 29	12 10	21 42	21 29	21 21	17 8	5 17
M 4	21 45	13 13	3 29	17 21	1 46	22 16	1 5	6 35	1 59	0 14	1 25	5 29	2 32	12 2	0 30	12 41	1 49	24 28	12 10	21 42	21 29	21 21	17 8	5 17
T 5	21 35	16 35	2 37	17 10	2 4	22 4	1 7	6 45	2 0	0 15	1 26	5 29	2 32	12 3	0 30	12 42	1 49	24 28	12 10	21 42	21 28	21 21	17 7	5 17
W 6	21 25	19 15	1 38	17 3	2 21	21 50	1 9	6 55	2 0	0 15	1 26	5 30	2 32	12 3	0 30	12 42	1 49	24 27	12 10	21 43	21 28	21 22	17 7	5 17
T 7	21 14	21 5	0 36	16 58	2 38	21 36	1 10	7 4	2 0	0 15	1 26	5 30	2 33	12 4	0 30	12 42	1 49	24 26	12 10	21 43	21 27	21 22	17 7	5 17
F 8	21 3	22 0	0s28	16 57	2 53	21 22	1 11	7 14	2 1	0 15	1 27	5 30	2 33	12 4	0 30	12 42	1 49	24 26	12 9	21 43	21 27	21 22	17 7	5 16
S 9	20 51	21 55	1 31	16 58	3 6	21 7	1 13	7 23	2 1	0 15	1 27	5 31	2 33	12 4	0 30	12 43	1 49	24 25	12 9	21 43	21 26	21 23	17 7	5 16
S 10	20 39	20 51	2 30	17 3	3 18	20 51	1 14	7 33	2 1	0 14	1 27	5 31	2 33	12 5	0 30	12 43	1 49	24 25	12 9	21 42	21 26	21 23	17 7	5 16
M11	20 27	18 47	3 24	17 9	3 26	20 35	1 15	7 42	2 2	0 14	1 27	5 31	2 34	12 5	0 30	12 43	1 49	24 24	12 9	21 41	21 25	21 23	17 7	5 16
T 12	20 14	15 50	4 8	17 17	3 33	20 18	1 17	7 51	2 2	0 14	1 28	5 31	2 34	12 5	0 30	12 43	1 49	24 23	12 9	21 39	21 24	21 24	17 7	5 15
W13	20 1	12 7	4 41	17 27	3 37	20 0	1 18	8 0	2 2	0 13	1 28	5 31	2 34	12 6	0 30	12 43	1 49	24 23	12 9	21 38	21 24	21 24	17 7	5 15
T 14	19 47	7 48	5 1	17 38	3 38	19 42	1 19	8 9	2 3	0 13	1 28	5 31	2 34	12 6	0 30	12 43	1 50	24 22	12 9	21 36	21 23	21 24	17 7	5 15
F 15	19 33	3 4	5 5	17 50	3 38	19 23	1 20	8 18	2 3	0 12	1 29	5 31	2 35	12 6	0 30	12 44	1 50	24 21	12 9	21 34	21 23	21 24	17 7	5 15
S 16	19 19	1s53	4 53	18 3	3 35	19 4	1 21	8 26	2 3	0 12	1 29	5 31	2 35	12 6	0 30	12 44	1 50	24 21	12 9	21 33	21 22	21 25	17 7	5 15
S 17	19 5	6 49	4 25	18 16	3 30	18 44	1 22	8 35	2 4	0 11	1 29	5 31	2 35	12 7	0 30	12 44	1 50	24 20	12 9	21 32	21 22	21 25	17 7	5 14
M18	18 50	11 29	3 41	18 29	3 24	18 24	1 22	8 44	2 4	0 10	1 29	5 31	2 36	12 7	0 30	12 44	1 50	24 20	12 9	21 32	21 21	21 25	17 7	5 14
T 19	18 34	15 36	2 44	18 42	3 16	18 3	1 23	8 52	2 4	0 9	1 30	5 31	2 36	12 7	0 30	12 44	1 50	24 19	12 9	21 31	21 21	21 25	17 7	5 14
W20	18 19	18 55	1 37	18 55	3 7	17 41	1 24	9 0	2 4	0 8	1 30	5 31	2 36	12 7	0 30	12 44	1 50	24 18	12 9	21 31	21 20	21 26	17 7	5 14
T 21	18 3	21 7	0 22	19 7	2 57	17 19	1 25	9 8	2 5	0 7	1 30	5 30	2 36	12 7	0 30	12 44	1 50	24 18	12 8	21 31	21 19	21 26	17 7	5 13
F 22	17 47	21 59	0n54	19 19	2 46	16 57	1 25	9 16	2 5	0 6	1 30	5 30	2 37	12 7	0 30	12 44	1 50	24 17	12 8	21 31	21 19	21 26	17 7	5 13
S 23	17 30	21 24	2 8	19 30	2 35	16 34	1 26	9 24	2 5	0 5	1 31	5 30	2 37	12 8	0 30	12 44	1 50	24 16	12 8	21 31	21 18	21 26	17 7	5 13
S 24	17 13	19 23	3 13	19 41	2 24	16 11	1 26	9 32	2 6	0 4	1 31	5 29	2 37	12 8	0 30	12 44	1 50	24 16	12 8	21 30	21 18	21 27	17 7	5 12
M25	16 56	16 8	4 5	19 51	2 12	15 47	1 27	9 39	2 6	0 3	1 31	5 29	2 37	12 8	0 30	12 44	1 50	24 15	12 8	21 29	21 17	21 27	17 7	5 12
T 26	16 39	11 59	4 42	20 0	2 0	15 23	1 27	9 47	2 6	0 1	1 31	5 28	2 38	12 8	0 30	12 44	1 50	24 15	12 8	21 27	21 17	21 27	17 7	5 12
W27	16 21	7 14	5 0	20 9	1 48	14 58	1 27	9 54	2 6	0n 0	1 32	5 28	2 38	12 8	0 30	12 44	1 50	24 14	12 8	21 25	21 16	21 27	17 8	5 12
T 28	16 3	2 15	5 1	20 16	1 36	14 33	1 28	10 1	2 7	0 2	1 32	5 28	2 38	12 8	0 30	12 44	1 50	24 13	12 8	21 23	21 16	21 28	17 8	5 11
F 29	15 44	2n42	4 44	20 22	1 24	14 8	1 28	10 8	2 7	0 3	1 32	5 27	2 38	12 8	0 30	12 44	1 50	24 13	12 8	21 21	21 15	21 28	17 8	5 11
S 30	15 26	7 24	4 14	20 28	1 13	13 42	1 28	10 15	2 7	0 5	1 32	5 26	2 39	12 8	0 30	12 44	1 51	24 12	12 8	21 20	21 14	21 28	17 8	5 11
S 31	15s 7	11n38	3n32	20s32	1n 1	13s16	1s28	10s22	2n 7	0n 6	1n33	5s26	2n39	12s 8	0n30	12s44	1n51	24s12	12s 8	21s19	21s14	21n28	17n 8	5s10

Julian Day Number = 2197709.5, Delta T = 10m16s
Ecliptic obliquity = 23°31'42, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°02'50, Lahiri = 14°09'51 Julian Calendar 1 Jan. 1305 == Greg. Calendar 9 Jan. 1305

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ASTRODIENST EPHEMERIS for the year 1305
geocentric

FEBRUARY 1305 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	9 15 0	20♒12'56	3♉38	23♉53	0♓11	2♏44	3°R13	20°R 5	3°R 8	8°R47	26♒14	5°R30	5♐ 3	8♊ 8	11°R38	M 1
T 2	9 18 57	21°13'24	15°38	24°43	1°26	3° 3	3♎ 9	20♎ 3	3♏ 8	8♏47	26°16	5♐29	5° 0	8°15	11♊38	T 2
W 3	9 22 53	22°13'51	27°29	25°37	2°41	3°23	3° 5	20° 2	3° 8	8°47	26°18	5°D29	4°57	8°22	11°37	W 3
T 4	9 26 50	23°14'16	9♊16	26°33	3°56	3°41	3° 0	20° 1	3° 8	8°47	26°19	5°R29	4°54	8°28	11°37	T 4
F 5	9 30 47	24°14'38	21° 5	27°32	5°11	4° 0	2°56	19°59	3° 7	8°47	26°21	5°28	4°50	8°35	11°37	F 5
S 6	9 34 43	25°14'59	3♋ 1	28°34	6°25	4°18	2°51	19°57	3° 7	8°47	26°23	5°25	4°47	8°41	11°37	S 6
S 7	9 38 40	26°15'18	15° 9	29°38	7°40	4°35	2°46	19°56	3° 7	8°47	26°24	5°20	4°44	8°48	11°36	S 7
M 8	9 42 36	27°15'34	27°31	0♒45	8°55	4°52	2°41	19°54	3° 6	8°46	26°26	5°11	4°41	8°55	11°D36	M 8
T 9	9 46 33	28°15'49	10♌10	1°54	10°10	5° 9	2°36	19°52	3° 5	8°46	26°28	5° 0	4°38	9° 1	11°36	T 9
W10	9 50 29	29°16'02	23° 7	3° 5	11°25	5°25	2°30	19°50	3° 5	8°46	26°29	4°48	4°35	9° 8	11°36	W10
T 11	9 54 26	0♓16'13	6♍21	4°17	12°39	5°41	2°25	19°48	3° 4	8°45	26°31	4°34	4°31	9°15	11°37	T 11
F 12	9 58 22	1°16'23	19°49	5°32	13°54	5°56	2°19	19°46	3° 3	8°45	26°32	4°22	4°28	9°21	11°37	F 12
S 13	10 2 19	2°16'30	3♎30	6°48	15° 9	6°11	2°14	19°43	3° 3	8°45	26°34	4°11	4°25	9°28	11°37	S 13
S 14	10 6 16	3°16'36	17°20	8° 6	16°24	6°25	2° 8	19°41	3° 2	8°44	26°36	4° 2	4°22	9°35	11°38	S 14
M15	10 10 12	4°16'40	1♏16	9°26	17°38	6°39	2° 2	19°39	3° 1	8°44	26°37	3°57	4°19	9°41	11°38	M15
T 16	10 14 9	5°16'43	15°16	10°47	18°53	6°53	1°56	19°36	3° 0	8°43	26°39	3°55	4°15	9°48	11°39	T 16
W17	10 18 5	6°16'44	29°19	12° 9	20° 8	7° 6	1°49	19°34	2°59	8°43	26°41	3°54	4°12	9°55	11°39	W17
T 18	10 22 2	7°16'43	13♐25	13°33	21°22	7°18	1°43	19°31	2°58	8°42	26°42	3°54	4° 9	10° 1	11°40	T 18
F 19	10 25 58	8°16'41	27°31	14°58	22°37	7°30	1°36	19°28	2°57	8°42	26°44	3°53	4° 6	10° 8	11°41	F 19
S 20	10 29 55	9°16'37	11♑38	16°25	23°51	7°41	1°30	19°25	2°56	8°41	26°46	3°50	4° 3	10°15	11°42	S 20
S 21	10 33 51	10°16'32	25°44	17°53	25° 6	7°52	1°23	19°22	2°55	8°40	26°47	3°45	4° 0	10°21	11°43	S 21
M22	10 37 48	11°16'24	9♒45	19°22	26°20	8° 2	1°16	19°19	2°54	8°40	26°49	3°36	3°56	10°28	11°44	M22
T 23	10 41 45	12°16'15	23°38	20°52	27°35	8°11	1° 9	19°16	2°52	8°39	26°51	3°25	3°53	10°34	11°45	T 23
W24	10 45 41	13°16'04	7♓19	22°24	28°49	8°20	1° 2	19°13	2°51	8°38	26°52	3°13	3°50	10°41	11°46	W24
T 25	10 49 38	14°15'51	20°45	23°57	0♈ 4	8°28	0°55	19°10	2°50	8°38	26°54	3° 0	3°47	10°48	11°48	T 25
F 26	10 53 34	15°15'36	3♈53	25°31	1°18	8°36	0°48	19° 6	2°48	8°37	26°55	2°48	3°44	10°54	11°49	F 26
S 27	10 57 31	16°15'18	16°41	27° 7	2°33	8°43	0°41	19° 3	2°47	8°36	26°57	2°38	3°41	11° 1	11°51	S 27
S 28	11 1 27	17♓14'59	29♈11	28♒43	3♈47	8♏49	0♎34	18♎59	2♏45	8♏35	26♒59	2♐31	3♐37	11♊ 8	11♊52	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	14s48	15n17	2n41	20s35	0n50	12s49	1s28	10s28	2n 7	0n 8	1n33	5s25	2n39	12s 8	0n30	12s44	1n51	24s11	12s 8	21s18	21s13	21n28	17n 8	5s10
T 2	14 29	18 14	1 44	20 37	0 39	12 22	1 28	10 35	2 8	0 10	1 33	5 24	2 40	12 8	0 30	12 44	1 51	24 11	12 8	21 18	21 13	21 29	17 9	5 10
W 3	14 9	20 22	0 42	20 38	0 28	11 55	1 28	10 41	2 8	0 12	1 33	5 24	2 40	12 8	0 31	12 44	1 51	24 10	12 8	21 18	21 12	21 29	17 9	5 10
T 4	13 49	21 35	0s20	20 38	0 18	11 28	1 27	10 47	2 8	0 14	1 34	5 23	2 40	12 7	0 31	12 44	1 51	24 9	12 8	21 18	21 11	21 29	17 9	5 9
F 5	13 29	21 52	1 22	20 37	0 7	11 0	1 27	10 53	2 8	0 16	1 34	5 22	2 40	12 7	0 31	12 44	1 51	24 9	12 8	21 18	21 11	21 29	17 9	5 9
S 6	13 9	21 9	2 21	20 34	0s 3	10 32	1 27	10 59	2 8	0 18	1 34	5 21	2 41	12 7	0 31	12 44	1 51	24 8	12 8	21 17	21 10	21 29	17 10	5 9
S 7	12 49	19 27	3 14	20 30	0 12	10 3	1 26	11 5	2 8	0 20	1 34	5 20	2 41	12 7	0 31	12 44	1 51	24 8	12 8	21 16	21 10	21 29	17 10	5 8
M 8	12 28	16 50	3 59	20 25	0 22	9 35	1 26	11 11	2 8	0 22	1 34	5 19	2 41	12 7	0 31	12 43	1 51	24 7	12 8	21 15	21 9	21 30	17 10	5 8
T 9	12 7	13 23	4 33	20 18	0 31	9 6	1 25	11 16	2 9	0 25	1 35	5 19	2 41	12 7	0 31	12 43	1 51	24 7	12 8	21 13	21 9	21 30	17 11	5 8
W10	11 46	9 14	4 54	20 11	0 39	8 37	1 25	11 21	2 9	0 27	1 35	5 18	2 41	12 6	0 31	12 43	1 51	24 6	12 9	21 10	21 8	21 30	17 11	5 7
T 11	11 25	4 34	5 0	20 2	0 48	8 7	1 24	11 26	2 9	0 29	1 35	5 17	2 42	12 6	0 31	12 43	1 51	24 5	12 9	21 8	21 7	21 30	17 11	5 7
F 12	11 4	0s24	4 50	19 51	0 55	7 38	1 23	11 31	2 9	0 32	1 35	5 16	2 42	12 6	0 31	12 43	1 51	24 5	12 9	21 6	21 7	21 30	17 12	5 7
S 13	10 42	5 24	4 22	19 40	1 3	7 8	1 22	11 36	2 9	0 34	1 35	5 14	2 42	12 6	0 31	12 43	1 51	24 4	12 9	21 4	21 6	21 30	17 12	5 6
S 14	10 21	10 12	3 40	19 26	1 10	6 38	1 21	11 41	2 9	0 37	1 36	5 13	2 42	12 5	0 31	12 42	1 51	24 4	12 9	21 2	21 6	21 30	17 12	5 6
M15	9 59	14 30	2 43	19 12	1 17	6 8	1 20	11 45	2 9	0 39	1 36	5 12	2 43	12 5	0 31	12 42	1 52	24 3	12 9	21 1	21 5	21 30	17 13	5 6
T 16	9 37	18 1	1 37	18 56	1 24	5 38	1 19	11 50	2 9	0 42	1 36	5 11	2 43	12 5	0 31	12 42	1 52	24 3	12 9	21 1	21 4	21 31	17 13	5 6
W17	9 14	20 28	0 24	18 39	1 30	5 7	1 18	11 54	2 9	0 45	1 36	5 10	2 43	12 4	0 31	12 42	1 52	24 2	12 9	21 0	21 4	21 31	17 14	5 5
T 18	8 52	21 40	0n50	18 21	1 36	4 37	1 17	11 58	2 9	0 47	1 36	5 9	2 43	12 4	0 31	12 42	1 52	24 2	12 9	21 0	21 3	21 31	17 14	5 5
F 19	8 30	21 29	2 1	18 1	1 41	4 6	1 16	12 2	2 9	0 50	1 37	5 7	2 43	12 4	0 31	12 41	1 52	24 1	12 9	21 0	21 3	21 31	17 14	5 5
S 20	8 7	19 56	3 5	17 40	1 46	3 36	1 15	12 6	2 9	0 53	1 37	5 6	2 44	12 3	0 31	12 41	1 52	24 1	12 9	21 0	21 2	21 31	17 15	5 4
S 21	7 45	17 11	3 58	17 17	1 51	3 5	1 13	12 9	2 9	0 56	1 37	5 5	2 44	12 3	0 31	12 41	1 52	24 0	12 9	20 59	21 2	21 31	17 15	5 4
M22	7 22	13 27	4 35	16 53	1 55	2 34	1 12	12 12	2 9	0 58	1 37	5 3	2 44	12 2	0 31	12 41	1 52	24 0	12 10	20 57	21 1	21 31	17 16	5 4
T 23	6 59	9 2	4 56	16 28	1 59	2 3	1 11	12 16	2 9	1 1	1 37	5 2	2 44	12 2	0 31	12 40	1 52	23 59	12 10	20 55	21 0	21 31	17 16	5 3
W24	6 36	4 13	5 0	16 2	2 2	1 32	1 9	12 19	2 8	1 4	1 37	5 1	2 44	12 1	0 31	12 40	1 52	23 59	12 10	20 53	21 0	21 31	17 17	5 3
T 25	6 13	0n43	4 47	15 34	2 6	1 0	1 8	12 21	2 8	1 7	1 37	4 59	2 45	12 1	0 31	12 40	1 52	23 58	12 10	20 50	20 59	21 31	17 17	5 3
F 26	5 50	5 30	4 18	15 4	2 8	0 29	1 6	12 24	2 8	1 10	1 37	4 58	2 45	12 0	0 31	12 39	1 52	23 58	12 10	20 48	20 59	21 31	17 18	5 2
S 27	5 27	9 55	3 37	14 34	2 10	0n 2	1 4	12 27	2 8	1 13	1 38	4 56	2 45	12 0	0 31	12 39	1 52	23 58	12 10	20 46	20 58	21 32	17 18	5 2
S 28	5s 3	13n49	2n47	14s 2	2s12	0n33	1s 3	12s29	2n 7	1n16	1n38	4s55	2n45	11s59	0n31	12s39	1n52	23s57	12s10	20s45	20s57	21n32	17n19	5s 2

Julian Day Number = 2197740.5, Delta T = 10m16s
Ecliptic obliquity = 23°31'42, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°02'54, Lahiri = 14°09'55 Julian Calendar 1 Feb. 1305 == Greg. Calendar 9 Feb. 1305

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ASTRODIENST EPHEMERIS for the year 1305
geocentric

MARCH 1305 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	11 5 24	18♓14'37	11♉25	0♓21	5♈ 1	8♏55	0°R26	18°R56	2°R44	8°R34	27♒ 0	2°R27	3♐34	11♊14	11♊54	M 1
T 2	11 9 20	19°14'13	23°25	2° 1	6°16	9° 0	0♎19	18♎52	2♏42	8♏33	27° 2	2♐25	3°31	11°21	11°55	T 2
W 3	11 13 17	20°13'47	5♊16	3°41	7°30	9° 5	0°11	18°48	2°41	8°32	27° 3	2°D25	3°28	11°28	11°57	W 3
T 4	11 17 13	21°13'19	17° 4	5°23	8°44	9° 8	0° 4	18°45	2°39	8°32	27° 5	2°R25	3°25	11°34	11°59	T 4
F 5	11 21 10	22°12'48	28°54	7° 6	9°58	9°11	29♍56	18°41	2°37	8°31	27° 6	2°25	3°21	11°41	12° 1	F 5
S 6	11 25 7	23°12'15	10♋51	8°50	11°12	9°14	29°49	18°37	2°36	8°30	27° 8	2°23	3°18	11°48	12° 3	S 6
S 7	11 29 3	24°11'39	23° 1	10°36	12°26	9°15	29°41	18°33	2°34	8°28	27° 9	2°20	3°15	11°54	12° 5	S 7
M 8	11 33 0	25°11'02	5♌27	12°23	13°41	9°16	29°33	18°29	2°32	8°27	27°11	2°13	3°12	12° 1	12° 7	M 8
T 9	11 36 56	26°10'22	18°14	14°11	14°55	9°R16	29°26	18°25	2°30	8°26	27°12	2° 5	3° 9	12° 7	12° 9	T 9
W10	11 40 53	27° 9'39	1♍23	16° 1	16° 9	9°16	29°18	18°21	2°28	8°25	27°14	1°55	3° 6	12°14	12°12	W10
T 11	11 44 49	28° 8'55	14°54	17°52	17°23	9°15	29°10	18°17	2°26	8°24	27°15	1°44	3° 2	12°21	12°14	T 11
F 12	11 48 46	29° 8'08	28°44	19°44	18°36	9°13	29° 2	18°13	2°24	8°23	27°17	1°34	2°59	12°27	12°16	F 12
S 13	11 52 42	0♈ 7'19	12♎50	21°38	19°50	9°10	28°55	18° 9	2°22	8°22	27°18	1°25	2°56	12°34	12°19	S 13
S 14	11 56 39	1° 6'28	27° 6	23°33	21° 4	9° 6	28°47	18° 4	2°20	8°21	27°20	1°18	2°53	12°41	12°22	S 14
M15	12 0 36	2° 5'35	11♏28	25°29	22°18	9° 2	28°39	18° 0	2°18	8°19	27°21	1°14	2°50	12°47	12°24	M15
T 16	12 4 32	3° 4'41	25°50	27°26	23°32	8°57	28°31	17°56	2°16	8°18	27°22	1°D12	2°46	12°54	12°27	T 16
W17	12 8 29	4° 3'45	10♐ 9	29°25	24°46	8°51	28°24	17°51	2°14	8°17	27°24	1°13	2°43	13° 1	12°30	W17
T 18	12 12 25	5° 2'47	24°23	1♈26	25°59	8°45	28°16	17°47	2°12	8°16	27°25	1°13	2°40	13° 7	12°33	T 18
F 19	12 16 22	6° 1'47	8♑28	3°27	27°13	8°37	28° 8	17°43	2°10	8°14	27°27	1°R14	2°37	13°14	12°35	F 19
S 20	12 20 18	7° 0'45	22°26	5°29	28°27	8°29	28° 1	17°38	2° 8	8°13	27°28	1°13	2°34	13°21	12°38	S 20
S 21	12 24 15	7°59'42	6♒14	7°33	29°40	8°20	27°53	17°34	2° 6	8°12	27°29	1° 9	2°31	13°27	12°41	S 21
M22	12 28 11	8°58'37	19°52	9°37	0♉54	8°11	27°46	17°29	2° 3	8°10	27°31	1° 4	2°27	13°34	12°45	M22
T 23	12 32 8	9°57'30	3♓20	11°42	2° 8	8° 0	27°38	17°25	2° 1	8° 9	27°32	0°56	2°24	13°41	12°48	T 23
W24	12 36 5	10°56'21	16°36	13°48	3°21	7°49	27°31	17°20	1°59	8° 8	27°33	0°48	2°21	13°47	12°51	W24
T 25	12 40 1	11°55'10	29°38	15°54	4°35	7°37	27°24	17°16	1°56	8° 6	27°34	0°39	2°18	13°54	12°54	T 25
F 26	12 43 58	12°53'57	12♈26	18° 0	5°48	7°24	27°16	17°11	1°54	8° 5	27°36	0°31	2°15	14° 0	12°58	F 26
S 27	12 47 54	13°52'42	25° 0	20° 6	7° 1	7°11	27° 9	17° 6	1°52	8° 3	27°37	0°24	2°12	14° 7	13° 1	S 27
S 28	12 51 51	14°51'26	7♉19	22°12	8°15	6°57	27° 2	17° 2	1°49	8° 2	27°38	0°19	2° 8	14°14	13° 5	S 28
M29	12 55 47	15°50'07	19°26	24°16	9°28	6°42	26°55	16°57	1°47	8° 0	27°39	0°17	2° 5	14°20	13° 8	M29
T 30	12 59 44	16°48'46	1♊23	26°20	10°41	6°27	26°48	16°53	1°45	7°59	27°41	0°D16	2° 2	14°27	13°12	T 30
W31	13 3 40	17♈47'23	13♊13	28♈23	11♉55	6♏11	26♍41	16♎48	1♏42	7♏57	27♒42	0♐17	1♐59	14♊34	13♊15	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	4s40	17n 2	1n49	13s28	2s14	1n 4	1s 1	12s31	2n 7	1n19	1n38	4s53	2n45	11s59	0n31	12s38	1n52	23s57	12s10	20s44	20s57	21n32	17n19	5s 2
T 2	4 17	19 28	0 48	12 53	2 14	1 35	0 59	12 33	2 7	1 22	1 38	4 52	2 46	11 58	0 31	12 38	1 52	23 56	12 11	20 43	20 56	21 32	17 20	5 1
W 3	3 53	21 1	0s15	12 17	2 15	2 7	0 57	12 35	2 7	1 25	1 38	4 50	2 46	11 58	0 31	12 38	1 52	23 56	12 11	20 43	20 56	21 32	17 20	5 1
T 4	3 30	21 37	1 17	11 40	2 15	2 38	0 55	12 36	2 6	1 28	1 38	4 49	2 46	11 57	0 31	12 37	1 52	23 55	12 11	20 43	20 55	21 32	17 21	5 1
F 5	3 6	21 15	2 16	11 1	2 15	3 9	0 53	12 37	2 6	1 31	1 38	4 47	2 46	11 57	0 31	12 37	1 52	23 55	12 11	20 43	20 54	21 32	17 21	5 0
S 6	2 42	19 56	3 10	10 21	2 14	3 40	0 51	12 39	2 5	1 35	1 38	4 46	2 46	11 56	0 31	12 37	1 53	23 55	12 11	20 43	20 54	21 32	17 22	5 0
S 7	2 19	17 41	3 56	9 39	2 12	4 11	0 49	12 40	2 5	1 38	1 38	4 44	2 46	11 55	0 31	12 36	1 53	23 54	12 11	20 42	20 53	21 32	17 22	5 0
M 8	1 55	14 35	4 31	8 57	2 10	4 42	0 47	12 40	2 4	1 41	1 38	4 42	2 46	11 55	0 31	12 36	1 53	23 54	12 12	20 41	20 52	21 32	17 23	4 59
T 9	1 32	10 44	4 55	8 13	2 8	5 12	0 45	12 41	2 4	1 44	1 38	4 41	2 47	11 54	0 31	12 36	1 53	23 54	12 12	20 39	20 52	21 32	17 23	4 59
W10	1 8	6 18	5 3	7 27	2 5	5 43	0 43	12 41	2 3	1 47	1 38	4 39	2 47	11 53	0 31	12 35	1 53	23 53	12 12	20 37	20 51	21 32	17 24	4 59
T 11	0 44	1 26	4 56	6 41	2 2	6 13	0 41	12 42	2 2	1 50	1 38	4 37	2 47	11 53	0 31	12 35	1 53	23 53	12 12	20 35	20 51	21 32	17 25	4 59
F 12	0 21	3s38	4 31	5 53	1 58	6 44	0 38	12 42	2 2	1 53	1 38	4 36	2 47	11 52	0 31	12 34	1 53	23 52	12 12	20 33	20 50	21 32	17 25	4 58
S 13	0n 3	8 35	3 49	5 4	1 53	7 14	0 36	12 41	2 1	1 56	1 38	4 34	2 47	11 51	0 31	12 34	1 53	23 52	12 12	20 31	20 49	21 32	17 26	4 58
S 14	0 27	13 9	2 52	4 14	1 48	7 44	0 34	12 41	2 0	1 59	1 38	4 32	2 47	11 51	0 31	12 33	1 53	23 52	12 13	20 30	20 49	21 32	17 26	4 58
M15	0 50	16 58	1 44	3 22	1 43	8 14	0 31	12 41	1 59	2 2	1 38	4 31	2 47	11 50	0 31	12 33	1 53	23 52	12 13	20 29	20 48	21 32	17 27	4 57
T 16	1 14	19 45	0 29	2 30	1 37	8 44	0 29	12 40	1 59	2 6	1 38	4 29	2 47	11 49	0 31	12 33	1 53	23 51	12 13	20 29	20 48	21 32	17 28	4 57
W17	1 37	21 16	0n48	1 37	1 30	9 13	0 26	12 39	1 58	2 9	1 38	4 27	2 47	11 49	0 31	12 32	1 53	23 51	12 13	20 29	20 47	21 32	17 28	4 57
T 18	2 1	21 24	2 1	0 42	1 23	9 42	0 24	12 38	1 57	2 12	1 38	4 25	2 47	11 48	0 31	12 32	1 53	23 51	12 14	20 29	20 46	21 32	17 29	4 57
F 19	2 24	20 10	3 6	0n13	1 16	10 11	0 21	12 36	1 56	2 15	1 38	4 24	2 48	11 47	0 31	12 31	1 53	23 50	12 14	20 29	20 46	21 32	17 29	4 56
S 20	2 48	17 43	4 0	1 9	1 8	10 40	0 19	12 35	1 55	2 18	1 38	4 22	2 48	11 46	0 31	12 31	1 53	23 50	12 14	20 29	20 45	21 32	17 30	4 56
S 21	3 11	14 17	4 38	2 6	0 59	11 9	0 16	12 33	1 53	2 21	1 38	4 20	2 48	11 45	0 31	12 30	1 53	23 50	12 14	20 28	20 44	21 32	17 31	4 56
M22	3 34	10 9	5 1	3 3	0 50	11 37	0 14	12 31	1 52	2 24	1 38	4 18	2 48	11 45	0 31	12 30	1 53	23 50	12 14	20 27	20 44	21 32	17 31	4 56
T 23	3 58	5 33	5 6	4 1	0 41	12 5	0 11	12 29	1 51	2 26	1 38	4 17	2 48	11 44	0 31	12 29	1 53	23 49	12 15	20 25	20 43	21 32	17 32	4 55
W24	4 21	0 47	4 55	4 59	0 31	12 33	0 8	12 26	1 50	2 29	1 38	4 15	2 48	11 43	0 31	12 29	1 53	23 49	12 15	20 24	20 43	21 31	17 33	4 55
T 25	4 44	3n58	4 29	5 58	0 21	13 0	0 6	12 24	1 48	2 32	1 38	4 13	2 48	11 42	0 31	12 28	1 53	23 49	12 15	20 22	20 42	21 31	17 33	4 55
F 26	5 7	8 27	3 49	6 56	0 10	13 27	0 3	12 21	1 47	2 35	1 38	4 11	2 48	11 42	0 31	12 28	1 53	23 49	12 15	20 20	20 41	21 31	17 34	4 55
S 27	5 30	12 29	2 59	7 54	0n 1	13 54	0 0	12 18	1 46	2 38	1 38	4 10	2 48	11 41	0 31	12 28	1 53	23 48	12 16	20 19	20 41	21 31	17 35	4 54
S 28	5 53	15 55	2 1	8 51	0 12	14 21	0n 2	12 15	1 44	2 41	1 38	4 8	2 48	11 40	0 31	12 27	1 53	23 48	12 16	20 18	20 40	21 31	17 35	4 54
M29	6 15	18 35	0 58	9 48	0 23	14 47	0 5	12 11	1 42	2 43	1 38	4 6	2 48	11 39	0 31	12 27	1 53	23 48	12 16	20 17	20 39	21 31	17 36	4 54
T 30	6 38	20 25	0s 6	10 43	0 34	15 13	0 8	12 8	1 41	2 46	1 38	4 4	2 48	11 38	0 31	12 26	1 53	23 48	12 16	20 17	20 39	21 31	17 37	4 54
W31	7n 0	21n19	1s10	11n38	0n45	15n38	0n11	12s 4	1n39	2n49	1n37	4s 3	2n48	11s37	0n31	12s26	1n53	23s48	12s17	20s17	20s38	21n31	17n37	4s53

Julian Day Number = 2197768.5, Delta T = 10m16s
Ecliptic obliquity = 23°31'43, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°02'58, Lahiri = 14°09'59 Julian Calendar 1 March 1305 == Greg. Calendar 9 March 1305

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ASTRODIENST EPHEMERIS for the year 1305
geocentric

APRIL 1305 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	13 7 37	18♈45'58	25♊ 1	0♉24	13♉ 8	5°R54	26°R34	16°R44	1°R40	7°R56	27♒43	0♐18	1♐56	14♊40	13♊19	T 1
F 2	13 11 34	19°44'30	6♋50	2°22	14°21	5♏37	26♍28	16♎39	1♏37	7♏54	27°44	0°20	1°52	14°47	13°23	F 2
S 3	13 15 30	20°43'01	18°47	4°19	15°34	5°19	26°21	16°34	1°35	7°53	27°45	0°R21	1°49	14°54	13°27	S 3
S 4	13 19 27	21°41'29	0♌57	6°13	16°47	5° 0	26°15	16°30	1°32	7°51	27°46	0°20	1°46	15° 0	13°31	S 4
M 5	13 23 23	22°39'55	13°23	8° 3	18° 0	4°41	26° 9	16°25	1°30	7°50	27°47	0°18	1°43	15° 7	13°35	M 5
T 6	13 27 20	23°38'18	26°11	9°51	19°13	4°22	26° 2	16°21	1°27	7°48	27°48	0°15	1°40	15°14	13°39	T 6
W 7	13 31 16	24°36'40	9♍22	11°35	20°26	4° 2	25°56	16°16	1°25	7°47	27°49	0°10	1°37	15°20	13°43	W 7
T 8	13 35 13	25°35'00	23° 0	13°16	21°39	3°42	25°50	16°12	1°22	7°45	27°50	0° 5	1°33	15°27	13°47	T 8
F 9	13 39 9	26°33'17	7♎ 1	14°53	22°52	3°21	25°44	16° 7	1°20	7°43	27°51	29♏59	1°30	15°34	13°51	F 9
S 10	13 43 6	27°31'33	21°24	16°26	24° 5	3° 1	25°39	16° 3	1°17	7°42	27°52	29°55	1°27	15°40	13°55	S 10
S 11	13 47 2	28°29'46	6♏ 2	17°54	25°17	2°39	25°33	15°58	1°15	7°40	27°53	29°52	1°24	15°47	13°59	S 11
M12	13 50 59	29°27'59	20°48	19°19	26°30	2°18	25°28	15°54	1°12	7°39	27°54	29°50	1°21	15°53	14° 4	M12
T 13	13 54 56	0♉26'09	5♐36	20°39	27°43	1°56	25°23	15°50	1°10	7°37	27°55	29°D50	1°18	16° 0	14° 8	T 13
W14	13 58 52	1°24'18	20°18	21°55	28°55	1°34	25°17	15°45	1° 7	7°35	27°56	29°51	1°14	16° 7	14°12	W14
T 15	14 2 49	2°22'25	4♑49	23° 7	0♊ 8	1°13	25°12	15°41	1° 5	7°34	27°57	29°52	1°11	16°13	14°17	T 15
F 16	14 6 45	3°20'32	19° 6	24°13	1°21	0°50	25° 8	15°37	1° 2	7°32	27°58	29°54	1° 8	16°20	14°21	F 16
S 17	14 10 42	4°18'36	3♒ 7	25°16	2°33	0°28	25° 3	15°33	0°59	7°31	27°59	29°R54	1° 5	16°27	14°26	S 17
S 18	14 14 38	5°16'39	16°50	26°13	3°45	0° 6	24°58	15°28	0°57	7°29	27°59	29°54	1° 2	16°33	14°30	S 18
M19	14 18 35	6°14'41	0♓16	27° 6	4°58	29♎44	24°54	15°24	0°54	7°27	28° 0	29°52	0°58	16°40	14°35	M19
T 20	14 22 31	7°12'41	13°26	27°54	6°10	29°22	24°50	15°20	0°52	7°26	28° 1	29°50	0°55	16°47	14°39	T 20
W21	14 26 28	8°10'40	26°21	28°37	7°22	29° 1	24°46	15°16	0°49	7°24	28° 2	29°47	0°52	16°53	14°44	W21
T 22	14 30 25	9° 8'38	9♈ 2	29°16	8°35	28°39	24°42	15°12	0°47	7°22	28° 2	29°43	0°49	17° 0	14°49	T 22
F 23	14 34 21	10° 6'34	21°31	29°49	9°47	28°18	24°38	15° 8	0°44	7°21	28° 3	29°40	0°46	17° 7	14°54	F 23
S 24	14 38 18	11° 4'28	3♉48	0♊17	10°59	27°57	24°35	15° 4	0°42	7°19	28° 4	29°38	0°43	17°13	14°58	S 24
S 25	14 42 14	12° 2'21	15°54	0°40	12°11	27°36	24°31	15° 1	0°39	7°18	28° 4	29°37	0°39	17°20	15° 3	S 25
M26	14 46 11	13° 0'13	27°53	0°59	13°23	27°16	24°28	14°57	0°37	7°16	28° 5	29°D36	0°36	17°27	15° 8	M26
T 27	14 50 7	13°58'03	9♊45	1°12	14°35	26°56	24°25	14°53	0°34	7°14	28° 6	29°36	0°33	17°33	15°13	T 27
W28	14 54 4	14°55'52	21°33	1°20	15°47	26°36	24°22	14°49	0°32	7°13	28° 6	29°37	0°30	17°40	15°18	W28
T 29	14 58 0	15°53'39	3♋20	1°R23	16°59	26°17	24°19	14°46	0°30	7°11	28° 7	29°38	0°27	17°47	15°23	T 29
F 30	15 1 57	16♉51'24	15♋11	1♊22	18♊11	25♎59	24♍17	14♎42	0♏27	7♏ 9	28♒ 7	29♏40	0♐23	17♊53	15♊28	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	7n23	21n16	2s10	12n31	0n56	16n 3	0n13	12s 0	1n37	2n51	1n37	4s 1	2n48	11s37	0n31	12s25	1n53	23s47	12s17	20s17	20s37	21n31	17n38	4s53
F 2	7 45	20 15	3 6	13 23	1 7	16 28	0 16	11 56	1 35	2 54	1 37	3 59	2 48	11 36	0 31	12 24	1 53	23 47	12 17	20 18	20 37	21 31	17 39	4 53
S 3	8 7	18 21	3 54	14 13	1 17	16 52	0 19	11 52	1 34	2 56	1 37	3 57	2 48	11 35	0 31	12 24	1 53	23 47	12 18	20 18	20 36	21 31	17 39	4 53
S 4	8 29	15 36	4 32	15 1	1 27	17 16	0 22	11 48	1 32	2 59	1 37	3 56	2 48	11 34	0 31	12 23	1 53	23 47	12 18	20 18	20 36	21 30	17 40	4 53
M 5	8 51	12 6	4 58	15 46	1 37	17 39	0 24	11 44	1 30	3 1	1 37	3 54	2 48	11 33	0 31	12 23	1 53	23 47	12 18	20 17	20 35	21 30	17 41	4 52
T 6	9 13	7 58	5 11	16 30	1 46	18 2	0 27	11 39	1 27	3 3	1 37	3 52	2 48	11 32	0 31	12 22	1 54	23 47	12 18	20 17	20 34	21 30	17 41	4 52
W 7	9 34	3 20	5 8	17 11	1 55	18 24	0 30	11 34	1 25	3 6	1 36	3 50	2 48	11 31	0 31	12 22	1 54	23 47	12 19	20 16	20 34	21 30	17 42	4 52
T 8	9 56	1s36	4 47	17 50	2 3	18 46	0 33	11 30	1 23	3 8	1 36	3 49	2 48	11 30	0 31	12 21	1 54	23 47	12 19	20 15	20 33	21 30	17 43	4 52
F 9	10 17	6 37	4 9	18 26	2 11	19 8	0 35	11 25	1 21	3 10	1 36	3 47	2 48	11 30	0 31	12 21	1 54	23 47	12 19	20 13	20 32	21 30	17 43	4 52
S 10	10 38	11 23	3 15	19 0	2 17	19 29	0 38	11 20	1 19	3 12	1 36	3 45	2 48	11 29	0 31	12 20	1 54	23 46	12 20	20 12	20 32	21 30	17 44	4 51
S 11	10 59	15 34	2 7	19 31	2 23	19 49	0 41	11 15	1 16	3 14	1 36	3 44	2 48	11 28	0 31	12 20	1 54	23 46	12 20	20 12	20 31	21 30	17 45	4 51
M12	11 19	18 49	0 49	20 0	2 28	20 9	0 44	11 10	1 14	3 16	1 36	3 42	2 48	11 27	0 31	12 19	1 54	23 46	12 20	20 11	20 30	21 29	17 45	4 51
T 13	11 40	20 48	0n32	20 26	2 33	20 29	0 46	11 4	1 11	3 18	1 36	3 41	2 47	11 26	0 31	12 19	1 54	23 46	12 20	20 11	20 30	21 29	17 46	4 51
W14	12 0	21 21	1 50	20 49	2 36	20 47	0 49	10 59	1 9	3 20	1 35	3 39	2 47	11 25	0 31	12 18	1 54	23 46	12 21	20 12	20 29	21 29	17 47	4 51
T 15	12 21	20 26	3 1	21 10	2 38	21 6	0 52	10 54	1 6	3 22	1 35	3 37	2 47	11 24	0 31	12 18	1 54	23 46	12 21	20 12	20 28	21 29	17 47	4 51
F 16	12 40	18 13	3 59	21 29	2 40	21 24	0 54	10 49	1 4	3 24	1 35	3 36	2 47	11 23	0 31	12 17	1 54	23 46	12 21	20 12	20 28	21 29	17 48	4 50
S 17	13 0	14 58	4 41	21 45	2 40	21 41	0 57	10 43	1 1	3 25	1 35	3 34	2 47	11 23	0 31	12 17	1 54	23 46	12 22	20 12	20 27	21 29	17 49	4 50
S 18	13 20	10 58	5 7	21 58	2 40	21 57	1 0	10 38	0 59	3 27	1 35	3 33	2 47	11 22	0 31	12 16	1 54	23 46	12 22	20 12	20 26	21 28	17 49	4 50
M19	13 39	6 30	5 15	22 9	2 39	22 13	1 2	10 33	0 56	3 29	1 34	3 31	2 47	11 21	0 31	12 16	1 54	23 46	12 22	20 12	20 26	21 28	17 50	4 50
T 20	13 58	1 50	5 6	22 18	2 36	22 29	1 5	10 28	0 53	3 30	1 34	3 30	2 47	11 20	0 31	12 15	1 54	23 46	12 23	20 11	20 25	21 28	17 51	4 50
W21	14 17	2n51	4 42	22 24	2 32	22 44	1 7	10 22	0 51	3 31	1 34	3 28	2 47	11 19	0 31	12 14	1 54	23 46	12 23	20 11	20 24	21 28	17 51	4 50
T 22	14 36	7 20	4 4	22 28	2 28	22 58	1 10	10 17	0 48	3 33	1 34	3 27	2 47	11 18	0 31	12 14	1 54	23 46	12 23	20 10	20 24	21 28	17 52	4 50
F 23	14 54	11 26	3 15	22 30	2 22	23 11	1 12	10 12	0 45	3 34	1 34	3 26	2 46	11 17	0 31	12 13	1 54	23 46	12 24	20 9	20 23	21 27	17 53	4 49
S 24	15 12	14 59	2 18	22 29	2 15	23 24	1 15	10 7	0 42	3 35	1 33	3 24	2 46	11 17	0 31	12 13	1 54	23 46	12 24	20 9	20 22	21 27	17 53	4 49
S 25	15 30	17 51	1 15	22 27	2 7	23 37	1 17	10 3	0 39	3 36	1 33	3 23	2 46	11 16	0 31	12 12	1 54	23 46	12 24	20 9	20 22	21 27	17 54	4 49
M26	15 48	19 55	0 10	22 22	1 58	23 48	1 19	9 58	0 37	3 38	1 33	3 21	2 46	11 15	0 31	12 12	1 54	23 47	12 25	20 8	20 21	21 27	17 54	4 49
T 27	16 5	21 4	0s56	22 15	1 48	23 59	1 22	9 53	0 34	3 39	1 33	3 20	2 46	11 14	0 31	12 11	1 54	23 47	12 25	20 8	20 21	21 26	17 55	4 49
W28	16 23	21 17	1 59	22 5	1 37	24 9	1 24	9 49	0 31	3 39	1 32	3 19	2 46	11 13	0 31	12 11	1 54	23 47	12 25	20 9	20 20	21 26	17 56	4 49
T 29	16 39	20 33	2 56	21 54	1 25	24 19	1 26	9 45	0 28	3 40	1 32	3 18	2 46	11 12	0 31	12 10	1 54	23 47	12 26	20 9	20 19	21 26	17 56	4 49
F 30	16n56	18n54	3s47	21n41	1n12	24n28	1n28	9s41	0n25	3n41	1n32	3s16	2n45	11s11	0n31	12s10	1n54	23s47	12s26	20s 9	20s19	21n26	17n57	4s49

Julian Day Number = 2197799.5, Delta T = 10m16s
Ecliptic obliquity = 23°31'42, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°03'02, Lahiri = 14°10'03 Julian Calendar 1 Apr. 1305 == Greg. Calendar 9 Apr. 1305

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ASTRODIENST EPHEMERIS for the year 1305
geocentric

MAY 1305 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	15 5 54	17♉49'08	27♋ 8	1°R16	19♊23	25°R41	24°R14	14°R39	0°R25	7°R 8	28♒ 8	29♏41	0♐20	18♊ 0	15♊33	S 1
S 2	15 9 50	18°46'50	9♌16	1♊ 5	20°34	25♎23	24♍12	14♎35	0♏22	7♏ 6	28° 8	29°41	0°17	18° 7	15°38	S 2
M 3	15 13 47	19°44'30	21°41	0°50	21°46	25° 7	24°10	14°32	0°20	7° 5	28° 9	29°R41	0°14	18°13	15°43	M 3
T 4	15 17 43	20°42'09	4♍25	0°31	22°58	24°51	24° 9	14°29	0°18	7° 3	28° 9	29°41	0°11	18°20	15°48	T 4
W 5	15 21 40	21°39'46	17°33	0° 9	24° 9	24°35	24° 7	14°26	0°15	7° 2	28°10	29°40	0° 8	18°26	15°53	W 5
T 6	15 25 36	22°37'22	1♎ 8	29♉44	25°21	24°21	24° 5	14°23	0°13	7° 0	28°10	29°40	0° 4	18°33	15°58	T 6
F 7	15 29 33	23°34'56	15° 8	29°15	26°32	24° 7	24° 4	14°20	0°11	6°58	28°10	29°39	0° 1	18°40	16° 4	F 7
S 8	15 33 29	24°32'29	29°34	28°45	27°43	23°53	24° 3	14°17	0° 9	6°57	28°11	29°38	29♏58	18°46	16° 9	S 8
S 9	15 37 26	25°30'00	14♏21	28°13	28°55	23°41	24° 2	14°14	0° 6	6°55	28°11	29°38	29°55	18°53	16°14	S 9
M10	15 41 23	26°27'31	29°22	27°40	0♋ 6	23°29	24° 2	14°11	0° 4	6°54	28°11	29°D38	29°52	19° 0	16°19	M10
T 11	15 45 19	27°25'00	14♐29	27° 6	1°17	23°18	24° 1	14° 8	0° 2	6°52	28°12	29°38	29°49	19° 6	16°25	T 11
W12	15 49 16	28°22'29	29°32	26°32	2°28	23° 8	24° 1	14° 6	0° 0	6°51	28°12	29°38	29°45	19°13	16°30	W12
T 13	15 53 12	29°19'56	14♑24	25°59	3°39	22°59	24°D 0	14° 3	29♎58	6°49	28°12	29°R38	29°42	19°20	16°35	T 13
F 14	15 57 9	0♊17'23	28°58	25°27	4°50	22°50	24° 0	14° 1	29°56	6°48	28°12	29°38	29°39	19°26	16°41	F 14
S 15	16 1 5	1°14'48	13♒10	24°57	6° 1	22°42	24° 1	13°58	29°54	6°46	28°12	29°38	29°36	19°33	16°46	S 15
S 16	16 5 2	2°12'13	26°58	24°29	7°12	22°35	24° 1	13°56	29°52	6°45	28°13	29°D38	29°33	19°40	16°51	S 16
M17	16 8 58	3° 9'38	10♓22	24° 3	8°22	22°29	24° 2	13°54	29°50	6°44	28°13	29°38	29°29	19°46	16°57	M17
T 18	16 12 55	4° 7'02	23°25	23°41	9°33	22°24	24° 2	13°51	29°48	6°42	28°13	29°38	29°26	19°53	17° 2	T 18
W19	16 16 52	5° 4'25	6♈ 8	23°22	10°44	22°19	24° 3	13°49	29°46	6°41	28°13	29°39	29°23	20° 0	17° 8	W19
T 20	16 20 48	6° 1'47	18°35	23° 7	11°54	22°16	24° 4	13°48	29°44	6°39	28°13	29°39	29°20	20° 6	17°13	T 20
F 21	16 24 45	6°59'09	0♉48	22°57	13° 5	22°13	24° 6	13°46	29°42	6°38	28°R13	29°40	29°17	20°13	17°19	F 21
S 22	16 28 41	7°56'30	12°52	22°50	14°15	22°11	24° 7	13°44	29°40	6°37	28°13	29°41	29°14	20°20	17°24	S 22
S 23	16 32 38	8°53'51	24°48	22°D47	15°25	22° 9	24° 9	13°42	29°39	6°35	28°13	29°R41	29°10	20°26	17°30	S 23
M24	16 36 34	9°51'11	6♊39	22°49	16°35	22°D 9	24°10	13°41	29°37	6°34	28°13	29°41	29° 7	20°33	17°35	M24
T 25	16 40 31	10°48'30	18°27	22°56	17°46	22° 9	24°12	13°39	29°35	6°33	28°13	29°40	29° 4	20°40	17°41	T 25
W26	16 44 27	11°45'49	0♋15	23° 7	18°56	22°10	24°14	13°38	29°33	6°31	28°13	29°39	29° 1	20°46	17°46	W26
T 27	16 48 24	12°43'06	12° 4	23°22	20° 6	22°12	24°17	13°36	29°32	6°30	28°13	29°38	28°58	20°53	17°52	T 27
F 28	16 52 21	13°40'23	23°58	23°43	21°16	22°15	24°19	13°35	29°30	6°29	28°12	29°36	28°55	21° 0	17°57	F 28
S 29	16 56 17	14°37'40	5♌59	24° 7	22°25	22°19	24°22	13°34	29°29	6°28	28°12	29°33	28°51	21° 6	18° 3	S 29
S 30	17 0 14	15°34'55	18°10	24°36	23°35	22°23	24°25	13°33	29°27	6°27	28°12	29°32	28°48	21°13	18° 8	S 30
M31	17 4 10	16♊32'10	0♍35	25♉10	24♋45	22♎28	24♍28	13♎32	29♎26	6♏25	28♒12	29♏30	28♏45	21♊19	18♊14	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17n12	16n26	4s28	21n26	0n58	24n36	1n30	9s37	0n23	3n42	1n32	3s15	2n45	11s11	0n31	12s 9	1n54	23s47	12s26	20s 9	20s18	21n26	17n58	4s49
S 2	17 28	13 13	4 58	21 10	0 43	24 44	1 33	9 33	0 20	3 42	1 31	3 14	2 45	11 10	0 31	12 9	1 54	23 47	12 27	20 10	20 17	21 25	17 58	4 49
M 3	17 44	9 22	5 14	20 51	0 28	24 51	1 35	9 29	0 17	3 43	1 31	3 13	2 45	11 9	0 31	12 8	1 54	23 47	12 27	20 10	20 16	21 25	17 59	4 48
T 4	18 0	5 1	5 16	20 32	0 12	24 57	1 36	9 26	0 14	3 44	1 31	3 12	2 45	11 8	0 31	12 8	1 54	23 48	12 27	20 10	20 16	21 25	17 59	4 48
W 5	18 15	0 18	5 2	20 11	0s 5	25 2	1 38	9 23	0 11	3 44	1 31	3 11	2 45	11 7	0 31	12 7	1 54	23 48	12 28	20 9	20 15	21 25	18 0	4 48
T 6	18 30	4s35	4 31	19 48	0 22	25 7	1 40	9 20	0 9	3 44	1 30	3 10	2 44	11 7	0 31	12 7	1 53	23 48	12 28	20 9	20 14	21 24	18 1	4 48
F 7	18 44	9 25	3 43	19 25	0 40	25 11	1 42	9 18	0 6	3 45	1 30	3 9	2 44	11 6	0 31	12 6	1 53	23 48	12 28	20 9	20 14	21 24	18 1	4 48
S 8	18 59	13 51	2 39	19 2	0 57	25 14	1 44	9 15	0 3	3 45	1 30	3 8	2 44	11 5	0 31	12 6	1 53	23 48	12 29	20 9	20 13	21 24	18 2	4 48
S 9	19 12	17 32	1 24	18 38	1 14	25 17	1 45	9 13	0 1	3 45	1 30	3 7	2 44	11 4	0 31	12 5	1 53	23 49	12 29	20 9	20 12	21 23	18 2	4 48
M10	19 26	20 7	0 1	18 13	1 32	25 19	1 47	9 11	0s 2	3 45	1 29	3 6	2 44	11 4	0 31	12 5	1 53	23 49	12 29	20 9	20 12	21 23	18 3	4 48
T 11	19 39	21 16	1n22	17 49	1 48	25 20	1 49	9 10	0 5	3 45	1 29	3 5	2 43	11 3	0 31	12 4	1 53	23 49	12 30	20 9	20 11	21 23	18 3	4 48
W12	19 52	20 53	2 39	17 26	2 5	25 20	1 50	9 8	0 7	3 45	1 29	3 4	2 43	11 2	0 31	12 4	1 53	23 49	12 30	20 9	20 10	21 23	18 4	4 48
T 13	20 5	19 2	3 44	17 3	2 20	25 20	1 51	9 7	0 10	3 45	1 29	3 3	2 43	11 1	0 31	12 3	1 53	23 49	12 31	20 9	20 10	21 22	18 4	4 48
F 14	20 17	15 59	4 34	16 41	2 35	25 19	1 53	9 6	0 12	3 44	1 28	3 3	2 43	11 1	0 31	12 3	1 53	23 50	12 31	20 9	20 9	21 22	18 5	4 48
S 15	20 29	12 3	5 5	16 20	2 49	25 17	1 54	9 6	0 15	3 44	1 28	3 2	2 43	11 0	0 31	12 3	1 53	23 50	12 31	20 9	20 8	21 22	18 6	4 48
S 16	20 41	7 36	5 18	16 1	3 2	25 15	1 55	9 5	0 17	3 44	1 28	3 1	2 42	10 59	0 31	12 2	1 53	23 50	12 32	20 9	20 8	21 21	18 6	4 48
M17	20 52	2 53	5 12	15 43	3 14	25 12	1 56	9 5	0 20	3 43	1 28	3 1	2 42	10 59	0 31	12 2	1 53	23 51	12 32	20 9	20 7	21 21	18 7	4 48
T 18	21 3	1n50	4 51	15 28	3 25	25 8	1 57	9 5	0 22	3 43	1 27	3 0	2 42	10 58	0 31	12 1	1 53	23 51	12 32	20 9	20 6	21 21	18 7	4 48
W19	21 13	6 21	4 16	15 14	3 34	25 3	1 58	9 6	0 25	3 42	1 27	2 59	2 42	10 57	0 30	12 1	1 53	23 51	12 33	20 9	20 6	21 20	18 8	4 48
T 20	21 24	10 32	3 29	15 2	3 42	24 58	1 59	9 7	0 27	3 42	1 27	2 59	2 41	10 57	0 30	12 0	1 53	23 51	12 33	20 9	20 5	21 20	18 8	4 48
F 21	21 33	14 12	2 34	14 53	3 49	24 52	2 0	9 8	0 29	3 41	1 27	2 58	2 41	10 56	0 30	12 0	1 53	23 52	12 33	20 9	20 4	21 20	18 9	4 48
S 22	21 43	17 13	1 32	14 45	3 55	24 46	2 1	9 9	0 31	3 40	1 26	2 58	2 41	10 55	0 30	12 0	1 53	23 52	12 34	20 9	20 4	21 19	18 9	4 48
S 23	21 52	19 29	0 27	14 40	4 0	24 38	2 1	9 11	0 34	3 39	1 26	2 57	2 41	10 55	0 30	11 59	1 53	23 52	12 34	20 9	20 3	21 19	18 10	4 48
M24	22 1	20 52	0s39	14 38	4 3	24 30	2 2	9 13	0 36	3 38	1 26	2 57	2 41	10 54	0 30	11 59	1 53	23 53	12 34	20 9	20 2	21 19	18 10	4 48
T 25	22 9	21 20	1 42	14 37	4 5	24 22	2 2	9 15	0 38	3 37	1 26	2 57	2 40	10 54	0 30	11 58	1 53	23 53	12 35	20 9	20 1	21 18	18 10	4 48
W26	22 17	20 50	2 42	14 39	4 6	24 12	2 3	9 17	0 40	3 36	1 25	2 56	2 40	10 53	0 30	11 58	1 53	23 53	12 35	20 9	20 1	21 18	18 11	4 48
T 27	22 24	19 26	3 34	14 43	4 6	24 3	2 3	9 20	0 42	3 35	1 25	2 56	2 40	10 53	0 30	11 58	1 53	23 54	12 35	20 9	20 0	21 18	18 11	4 48
F 28	22 32	17 10	4 17	14 49	4 5	23 52	2 3	9 23	0 44	3 34	1 25	2 56	2 40	10 52	0 30	11 57	1 53	23 54	12 36	20 8	19 59	21 17	18 12	4 48
S 29	22 38	14 10	4 50	14 57	4 2	23 41	2 3	9 26	0 46	3 32	1 25	2 56	2 39	10 51	0 30	11 57	1 53	23 55	12 36	20 8	19 59	21 17	18 12	4 48
S 30	22 45	10 31	5 10	15 7	3 59	23 29	2 3	9 29	0 48	3 31	1 24	2 56	2 39	10 51	0 30	11 57	1 53	23 55	12 36	20 7	19 58	21 16	18 13	4 48
M31	22n51	6n23	5s16	15n19	3s55	23n16	2n 3	9s33	0s50	3n30	1n24	2s55	2n39	10s50	0n30	11s56	1n53	23s55	12s37	20s 7	19s57	21n16	18n13	4s48

Julian Day Number = 2197829.5, Delta T = 10m16s
Ecliptic obliquity = 23°31'41, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°03'07, Lahiri = 14°10'07 Julian Calendar 1 May 1305 == Greg. Calendar 9 May 1305

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ASTRODIENST EPHEMERIS for the year 1305
geocentric

JUNE 1305 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	17 8 7	17♊29'24	13♍17	25♉48	25♋54	22♎34	24♍31	13°R31	29°R24	6°R24	28°R12	29°D29	28♏42	21♊26	18♊19	T 1
W 2	17 12 3	18°26'37	26°20	26°30	27° 4	22°41	24°34	13♎31	29♎23	6♏23	28♒11	29♏30	28°39	21°33	18°25	W 2
T 3	17 16 0	19°23'49	9♎47	27°16	28°13	22°48	24°38	13°30	29°22	6°22	28°11	29°30	28°35	21°39	18°30	T 3
F 4	17 19 56	20°21'01	23°39	28° 6	29°22	22°56	24°41	13°30	29°20	6°21	28°11	29°32	28°32	21°46	18°36	F 4
S 5	17 23 53	21°18'12	7♏57	29° 1	0♌31	23° 5	24°45	13°29	29°19	6°20	28°10	29°33	28°29	21°53	18°42	S 5
S 6	17 27 50	22°15'23	22°39	29°59	1°40	23°14	24°49	13°29	29°18	6°19	28°10	29°R34	28°26	21°59	18°47	S 6
M 7	17 31 46	23°12'33	7♐39	1♊ 2	2°49	23°25	24°53	13°29	29°17	6°18	28°10	29°34	28°23	22° 6	18°53	M 7
T 8	17 35 43	24° 9'43	22°51	2° 8	3°58	23°35	24°58	13°29	29°16	6°17	28° 9	29°33	28°20	22°13	18°58	T 8
W 9	17 39 39	25° 6'53	8♑ 4	3°18	5° 7	23°47	25° 2	13°D28	29°15	6°16	28° 9	29°30	28°16	22°19	19° 4	W 9
T 10	17 43 36	26° 4'03	23°10	4°32	6°16	23°59	25° 7	13°29	29°13	6°15	28° 8	29°27	28°13	22°26	19° 9	T 10
F 11	17 47 32	27° 1'12	7♒58	5°49	7°24	24°12	25°12	13°29	29°13	6°14	28° 8	29°23	28°10	22°33	19°15	F 11
S 12	17 51 29	27°58'22	22°22	7°11	8°32	24°25	25°16	13°29	29°12	6°13	28° 7	29°20	28° 7	22°39	19°20	S 12
S 13	17 55 26	28°55'31	6♓19	8°36	9°41	24°39	25°22	13°29	29°11	6°13	28° 7	29°17	28° 4	22°46	19°26	S 13
M14	17 59 22	29°52'41	19°49	10° 4	10°49	24°54	25°27	13°30	29°10	6°12	28° 6	29°15	28° 1	22°53	19°31	M14
T 15	18 3 19	0♋49'51	2♈51	11°36	11°57	25° 9	25°32	13°30	29° 9	6°11	28° 6	29°D15	27°57	22°59	19°37	T 15
W16	18 7 15	1°47'02	15°31	13°12	13° 5	25°25	25°38	13°31	29° 8	6°10	28° 5	29°16	27°54	23° 6	19°42	W16
T 17	18 11 12	2°44'12	27°52	14°51	14°12	25°41	25°43	13°32	29° 8	6° 9	28° 5	29°17	27°51	23°13	19°48	T 17
F 18	18 15 8	3°41'23	9♉58	16°33	15°20	25°58	25°49	13°33	29° 7	6° 9	28° 4	29°19	27°48	23°19	19°53	F 18
S 19	18 19 5	4°38'35	21°54	18°19	16°28	26°16	25°55	13°34	29° 6	6° 8	28° 3	29°20	27°45	23°26	19°59	S 19
S 20	18 23 1	5°35'46	3♊44	20° 7	17°35	26°34	26° 1	13°35	29° 6	6° 7	28° 3	29°R20	27°41	23°33	20° 4	S 20
M21	18 26 58	6°32'58	15°31	21°59	18°42	26°52	26° 7	13°36	29° 5	6° 7	28° 2	29°19	27°38	23°39	20°10	M21
T 22	18 30 55	7°30'11	27°18	23°53	19°49	27°11	26°14	13°37	29° 5	6° 6	28° 1	29°16	27°35	23°46	20°15	T 22
W23	18 34 51	8°27'23	9♋ 9	25°50	20°56	27°31	26°20	13°38	29° 5	6° 6	28° 1	29°11	27°32	23°53	20°20	W23
T 24	18 38 48	9°24'36	21° 4	27°50	22° 3	27°51	26°27	13°40	29° 4	6° 5	28° 0	29° 4	27°29	23°59	20°26	T 24
F 25	18 42 44	10°21'49	3♌ 5	29°51	23°10	28°12	26°34	13°41	29° 4	6° 5	27°59	28°57	27°26	24° 6	20°31	F 25
S 26	18 46 41	11°19'02	15°14	1♋55	24°16	28°33	26°41	13°43	29° 4	6° 4	27°58	28°49	27°22	24°13	20°36	S 26
S 27	18 50 37	12°16'15	27°34	4° 0	25°23	28°55	26°48	13°45	29° 4	6° 4	27°57	28°42	27°19	24°19	20°42	S 27
M28	18 54 34	13°13'29	10♍ 5	6° 6	26°29	29°17	26°55	13°47	29° 4	6° 3	27°57	28°37	27°16	24°26	20°47	M28
T 29	18 58 30	14°10'43	22°50	8°13	27°35	29°39	27° 2	13°49	29° 3	6° 3	27°56	28°32	27°13	24°33	20°52	T 29
W30	19 2 27	15♋ 7'57	5♎52	10♋21	28♌41	0♏ 2	27♍10	13♎51	29°D 3	6♏ 3	27♒55	28♏30	27♏10	24♊39	20♊58	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n56	1n52	5s 7	15n33	3s50	23n 3	2n 3	9s37	0s52	3n28	1n24	2s55	2n39	10s50	0n30	11s56	1n53	23s56	12s37	20s 7	19s57	21n16	18n13	4s48
W 2	23 1	2s51	4 42	15 48	3 44	22 49	2 2	9 41	0 54	3 27	1 24	2 55	2 38	10 50	0 30	11 56	1 53	23 56	12 37	20 7	19 56	21 15	18 14	4 49
T 3	23 6	7 35	4 1	16 5	3 38	22 35	2 2	9 46	0 56	3 25	1 23	2 55	2 38	10 49	0 30	11 55	1 53	23 57	12 38	20 7	19 55	21 15	18 14	4 49
F 4	23 11	12 5	3 6	16 23	3 31	22 20	2 2	9 50	0 57	3 23	1 23	2 55	2 38	10 49	0 30	11 55	1 53	23 57	12 38	20 7	19 54	21 14	18 15	4 49
S 5	23 14	16 3	1 56	16 43	3 23	22 5	2 1	9 55	0 59	3 22	1 23	2 55	2 38	10 48	0 30	11 55	1 53	23 57	12 38	20 8	19 54	21 14	18 15	4 49
S 6	23 18	19 7	0 38	17 4	3 14	21 49	2 0	10 0	1 1	3 20	1 23	2 55	2 37	10 48	0 30	11 54	1 52	23 58	12 39	20 8	19 53	21 14	18 15	4 49
M 7	23 21	20 56	0n44	17 25	3 5	21 32	1 59	10 5	1 2	3 18	1 22	2 56	2 37	10 47	0 30	11 54	1 52	23 58	12 39	20 8	19 52	21 13	18 16	4 49
T 8	23 24	21 15	2 5	17 48	2 55	21 15	1 59	10 11	1 4	3 16	1 22	2 56	2 37	10 47	0 30	11 54	1 52	23 59	12 39	20 8	19 52	21 13	18 16	4 49
W 9	23 26	20 1	3 16	18 11	2 45	20 58	1 58	10 17	1 6	3 14	1 22	2 56	2 37	10 47	0 30	11 54	1 52	23 59	12 40	20 7	19 51	21 12	18 16	4 49
T 10	23 28	17 22	4 13	18 35	2 35	20 39	1 56	10 23	1 7	3 12	1 22	2 56	2 36	10 46	0 30	11 53	1 52	24 0	12 40	20 6	19 50	21 12	18 17	4 49
F 11	23 30	13 38	4 52	19 0	2 24	20 21	1 55	10 29	1 9	3 10	1 21	2 57	2 36	10 46	0 30	11 53	1 52	24 0	12 40	20 6	19 50	21 12	18 17	4 49
S 12	23 31	9 12	5 11	19 25	2 12	20 2	1 54	10 35	1 10	3 8	1 21	2 57	2 36	10 46	0 30	11 53	1 52	24 1	12 41	20 5	19 49	21 11	18 17	4 50
S 13	23 31	4 24	5 11	19 50	2 1	19 42	1 52	10 42	1 12	3 5	1 21	2 57	2 36	10 46	0 30	11 53	1 52	24 1	12 41	20 4	19 48	21 11	18 17	4 50
M14	23 32	0n27	4 54	20 15	1 49	19 22	1 51	10 48	1 13	3 3	1 21	2 58	2 35	10 45	0 30	11 52	1 52	24 2	12 41	20 4	19 47	21 10	18 18	4 50
T 15	23 32	5 8	4 22	20 40	1 37	19 1	1 49	10 55	1 15	3 1	1 20	2 58	2 35	10 45	0 30	11 52	1 52	24 2	12 42	20 4	19 47	21 10	18 18	4 50
W16	23 31	9 28	3 37	21 4	1 24	18 40	1 48	11 2	1 16	2 58	1 20	2 59	2 35	10 45	0 30	11 52	1 52	24 3	12 42	20 4	19 46	21 9	18 18	4 50
T 17	23 30	13 18	2 44	21 28	1 12	18 19	1 46	11 10	1 17	2 56	1 20	2 59	2 34	10 45	0 30	11 52	1 52	24 3	12 42	20 4	19 45	21 9	18 18	4 50
F 18	23 29	16 30	1 44	21 51	1 0	17 57	1 44	11 17	1 19	2 53	1 20	3 0	2 34	10 44	0 30	11 52	1 52	24 4	12 43	20 5	19 45	21 8	18 19	4 51
S 19	23 27	18 58	0 41	22 14	0 47	17 35	1 42	11 25	1 20	2 51	1 20	3 0	2 34	10 44	0 30	11 51	1 52	24 4	12 43	20 5	19 44	21 8	18 19	4 51
S 20	23 25	20 35	0s24	22 35	0 35	17 12	1 39	11 32	1 21	2 48	1 19	3 1	2 34	10 44	0 30	11 51	1 52	24 5	12 43	20 5	19 43	21 7	18 19	4 51
M21	23 22	21 18	1 27	22 54	0 23	16 49	1 37	11 40	1 22	2 45	1 19	3 2	2 33	10 44	0 30	11 51	1 52	24 5	12 43	20 5	19 42	21 7	18 19	4 51
T 22	23 19	21 4	2 26	23 12	0 11	16 25	1 35	11 48	1 24	2 43	1 19	3 3	2 33	10 44	0 29	11 51	1 52	24 6	12 44	20 4	19 42	21 6	18 20	4 51
W23	23 15	19 54	3 20	23 29	0n 1	16 1	1 32	11 57	1 25	2 40	1 19	3 3	2 33	10 44	0 29	11 51	1 52	24 6	12 44	20 3	19 41	21 6	18 20	4 51
T 24	23 12	17 51	4 4	23 43	0 12	15 37	1 30	12 5	1 26	2 37	1 18	3 4	2 33	10 44	0 29	11 51	1 52	24 7	12 44	20 2	19 40	21 5	18 20	4 52
F 25	23 7	15 1	4 38	23 55	0 23	15 13	1 27	12 14	1 27	2 34	1 18	3 5	2 32	10 44	0 29	11 51	1 51	24 7	12 45	20 0	19 39	21 5	18 20	4 52
S 26	23 3	11 32	5 0	24 5	0 34	14 48	1 24	12 22	1 28	2 31	1 18	3 6	2 32	10 43	0 29	11 50	1 51	24 8	12 45	19 58	19 39	21 5	18 20	4 52
S 27	22 58	7 32	5 9	24 12	0 44	14 23	1 21	12 31	1 29	2 28	1 18	3 7	2 32	10 43	0 29	11 50	1 51	24 8	12 45	19 57	19 38	21 4	18 20	4 52
M28	22 52	3 9	5 3	24 16	0 53	13 57	1 18	12 40	1 30	2 25	1 18	3 8	2 32	10 43	0 29	11 50	1 51	24 9	12 45	19 55	19 37	21 3	18 21	4 53
T 29	22 46	1s28	4 42	24 18	1 1	13 32	1 15	12 49	1 31	2 22	1 17	3 9	2 31	10 43	0 29	11 50	1 51	24 9	12 46	19 55	19 37	21 3	18 21	4 53
W30	22n40	6s 6	4s 6	24n17	1n 9	13n 6	1n11	12s58	1s32	2n19	1n17	3s10	2n31	10s43	0n29	11s50	1n51	24s10	12s46	19s54	19s36	21n 2	18n21	4s53

Julian Day Number = 2197860.5, Delta T = 10m16s
Ecliptic obliquity = 23°31'41, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°03'11, Lahiri = 14°10'11 Julian Calendar 1 June 1305 == Greg. Calendar 9 June 1305

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ASTRODIENST EPHEMERIS for the year 1305
geocentric

JULY 1305 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	19 6 24	16♋ 5'11	19♎13	12♋29	29♌46	0♏26	27♍17	13♎53	29♎ 3	6°R 2	27°R54	28°D30	27♏ 7	24♊46	21♊ 3	T 1
F 2	19 10 20	17° 2'25	2♏56	14°37	0♍52	0°50	27°25	13°55	29° 4	6♏ 2	27♒53	28♏31	27° 3	24°53	21° 8	F 2
S 3	19 14 17	17°59'40	17° 2	16°45	1°57	1°14	27°33	13°57	29° 4	6° 2	27°52	28°32	27° 0	24°59	21°13	S 3
S 4	19 18 13	18°56'55	1♐30	18°53	3° 2	1°39	27°41	14° 0	29° 4	6° 2	27°51	28°R32	26°57	25° 6	21°18	S 4
M 5	19 22 10	19°54'10	16°17	20°59	4° 7	2° 4	27°49	14° 2	29° 4	6° 1	27°50	28°31	26°54	25°13	21°24	M 5
T 6	19 26 6	20°51'26	1♑19	23° 5	5°12	2°29	27°57	14° 5	29° 4	6° 1	27°49	28°28	26°51	25°19	21°29	T 6
W 7	19 30 3	21°48'42	16°27	25°10	6°16	2°55	28° 5	14° 7	29° 5	6° 1	27°48	28°22	26°47	25°26	21°34	W 7
T 8	19 33 59	22°45'59	1♒31	27°14	7°21	3°22	28°14	14°10	29° 5	6° 1	27°47	28°15	26°44	25°33	21°39	T 8
F 9	19 37 56	23°43'17	16°22	29°17	8°25	3°48	28°22	14°13	29° 6	6° 1	27°46	28° 7	26°41	25°39	21°44	F 9
S 10	19 41 53	24°40'36	0♓53	1♎18	9°28	4°15	28°31	14°16	29° 6	6°D 1	27°45	27°58	26°38	25°46	21°49	S 10
S 11	19 45 49	25°37'56	14°56	3°17	10°32	4°43	28°39	14°19	29° 7	6° 1	27°44	27°51	26°35	25°53	21°54	S 11
M12	19 49 46	26°35'16	28°31	5°15	11°35	5°10	28°48	14°22	29° 7	6° 1	27°43	27°46	26°32	25°59	21°59	M12
T 13	19 53 42	27°32'38	11♈37	7°12	12°38	5°38	28°57	14°25	29° 8	6° 1	27°42	27°43	26°28	26° 6	22° 3	T 13
W14	19 57 39	28°30'01	24°18	9° 7	13°41	6° 7	29° 6	14°28	29° 9	6° 1	27°41	27°D41	26°25	26°13	22° 8	W14
T 15	20 1 35	29°27'25	6♉38	11° 0	14°44	6°36	29°15	14°32	29° 9	6° 1	27°40	27°41	26°22	26°19	22°13	T 15
F 16	20 5 32	0♌24'50	18°43	12°52	15°46	7° 5	29°25	14°35	29°10	6° 1	27°39	27°42	26°19	26°26	22°18	F 16
S 17	20 9 28	1°22'17	0♊37	14°43	16°48	7°34	29°34	14°39	29°11	6° 2	27°38	27°R42	26°16	26°33	22°23	S 17
S 18	20 13 25	2°19'45	12°25	16°31	17°50	8° 4	29°43	14°42	29°12	6° 2	27°37	27°41	26°13	26°39	22°27	S 18
M19	20 17 22	3°17'14	24°12	18°18	18°52	8°34	29°53	14°46	29°13	6° 2	27°36	27°38	26° 9	26°46	22°32	M19
T 20	20 21 18	4°14'44	6♋ 2	20° 4	19°53	9° 4	0♎ 3	14°50	29°14	6° 2	27°35	27°32	26° 6	26°53	22°37	T 20
W21	20 25 15	5°12'16	17°57	21°48	20°54	9°35	0°12	14°53	29°15	6° 3	27°33	27°24	26° 3	26°59	22°41	W21
T 22	20 29 11	6° 9'49	0♌ 0	23°30	21°54	10° 6	0°22	14°57	29°16	6° 3	27°32	27°13	26° 0	27° 6	22°46	T 22
F 23	20 33 8	7° 7'23	12°13	25°11	22°55	10°37	0°32	15° 1	29°17	6° 3	27°31	27° 1	25°57	27°13	22°50	F 23
S 24	20 37 4	8° 4'58	24°36	26°50	23°54	11° 9	0°42	15° 6	29°19	6° 4	27°30	26°48	25°53	27°19	22°55	S 24
S 25	20 41 1	9° 2'34	7♍10	28°28	24°54	11°41	0°52	15°10	29°20	6° 4	27°29	26°37	25°50	27°26	22°59	S 25
M26	20 44 57	10° 0'11	19°55	0♍ 4	25°53	12°13	1° 3	15°14	29°21	6° 5	27°27	26°27	25°47	27°33	23° 3	M26
T 27	20 48 54	10°57'49	2♎51	1°39	26°52	12°45	1°13	15°18	29°23	6° 5	27°26	26°19	25°44	27°39	23° 8	T 27
W28	20 52 51	11°55'29	16° 1	3°12	27°51	13°18	1°23	15°23	29°24	6° 6	27°25	26°14	25°41	27°46	23°12	W28
T 29	20 56 47	12°53'09	29°24	4°43	28°49	13°51	1°34	15°27	29°25	6° 6	27°24	26°12	25°38	27°53	23°16	T 29
F 30	21 0 44	13°50'51	13♏ 4	6°13	29°46	14°24	1°44	15°32	29°27	6° 7	27°23	26°D12	25°34	27°59	23°20	F 30
S 31	21 4 40	14♌48'33	27♏ 0	7♍42	0♎44	14♏58	1♎55	15♎36	29♎29	6♏ 8	27♒21	26°R12	25♏31	28♊ 6	23♊24	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	22n33	10s34	3s16	24n13	1n17	12n39	1n 8	13s 7	1s33	2n15	1n17	3s11	2n31	10s44	0n29	11s50	1n51	24s11	12s46	19s54	19s35	21n 2	18n21	4s53	
F 2	22 26	14 38	2 14	24 6	1 23	12 13	1 4	13 16	1 34	2 12	1 17	3 12	2 31	10 44	0 29	11 50	1 51	24 11	12 46	19 54	19 34	21 1	18 21	4 53	
S 3	22 19	17 58	1 2	23 57	1 29	11 46	1 1	13 26	1 35	2 9	1 17	3 13	2 30	10 44	0 29	11 50	1 51	24 12	12 47	19 54	19 34	21 1	18 21	4 54	
S 4	22 11	20 17	0n16	23 45	1 34	11 19	0 57	13 35	1 36	2 6	1 16	3 14	2 30	10 44	0 29	11 50	1 51	24 12	12 47	19 54	19 33	21 0	18 21	4 54	
M 5	22 3	21 15	1 34	23 30	1 38	10 52	0 53	13 45	1 37	2 2	1 16	3 15	2 30	10 44	0 29	11 50	1 51	24 13	12 47	19 54	19 32	21 0	18 21	4 54	
T 6	21 54	20 44	2 47	23 13	1 42	10 24	0 49	13 55	1 38	1 59	1 16	3 16	2 30	10 44	0 29	11 50	1 51	24 13	12 47	19 53	19 31	20 59	18 21	4 54	
W 7	21 45	18 44	3 48	22 53	1 44	9 57	0 45	14 4	1 39	1 55	1 16	3 18	2 29	10 44	0 29	11 50	1 51	24 14	12 48	19 52	19 31	20 59	18 21	4 55	
T 8	21 36	15 27	4 34	22 31	1 46	9 29	0 41	14 14	1 39	1 52	1 16	3 19	2 29	10 44	0 29	11 50	1 51	24 15	12 48	19 51	19 30	20 58	18 21	4 55	
F 9	21 26	11 13	5 0	22 8	1 47	9 1	0 37	14 24	1 40	1 48	1 15	3 20	2 29	10 45	0 29	11 50	1 51	24 15	12 48	19 49	19 29	20 58	18 21	4 55	
S 10	21 16	6 26	5 5	21 42	1 48	8 33	0 32	14 34	1 41	1 45	1 15	3 22	2 29	10 45	0 29	11 50	1 51	24 16	12 48	19 47	19 28	20 57	18 21	4 56	
S 11	21 6	1 28	4 52	21 14	1 48	8 4	0 28	14 44	1 42	1 41	1 15	3 23	2 28	10 45	0 29	11 50	1 51	24 16	12 49	19 45	19 28	20 56	18 21	4 56	
M12	20 55	3n26	4 23	20 45	1 47	7 36	0 23	14 54	1 42	1 37	1 15	3 25	2 28	10 45	0 29	11 50	1 50	24 17	12 49	19 44	19 27	20 56	18 21	4 56	
T 13	20 44	8 0	3 41	20 15	1 46	7 7	0 18	15 4	1 43	1 33	1 15	3 26	2 28	10 45	0 29	11 50	1 50	24 17	12 49	19 43	19 26	20 55	18 21	4 56	
W14	20 32	12 4	2 49	19 43	1 44	6 39	0 13	15 15	1 44	1 30	1 14	3 27	2 28	10 46	0 29	11 50	1 50	24 18	12 49	19 43	19 26	20 55	18 21	4 57	
T 15	20 20	15 31	1 50	19 9	1 41	6 10	0 9	15 25	1 45	1 26	1 14	3 29	2 27	10 46	0 29	11 51	1 50	24 19	12 49	19 43	19 25	20 54	18 21	4 57	
F 16	20 8	18 13	0 48	18 35	1 38	5 41	0 3	15 35	1 45	1 22	1 14	3 31	2 27	10 46	0 29	11 51	1 50	24 19	12 50	19 43	19 24	20 54	18 21	4 57	
S 17	19 56	20 6	0s16	17 59	1 35	5 12	0s 2	15 45	1 46	1 18	1 14	3 32	2 27	10 47	0 29	11 51	1 50	24 20	12 50	19 43	19 23	20 53	18 21	4 58	
S 18	19 43	21 5	1 18	17 23	1 31	4 43	0 7	15 56	1 47	1 14	1 14	3 34	2 27	10 47	0 29	11 51	1 50	24 20	12 50	19 43	19 23	20 52	18 21	4 58	
M19	19 30	21 8	2 16	16 46	1 26	4 14	0 12	16 6	1 47	1 10	1 14	3 35	2 26	10 47	0 29	11 51	1 50	24 21	12 50	19 42	19 22	20 52	18 21	4 58	
T 20	19 16	20 14	3 9	16 8	1 21	3 45	0 18	16 16	1 48	1 6	1 13	3 37	2 26	10 48	0 29	11 51	1 50	24 21	12 50	19 41	19 21	20 51	18 21	4 59	
W21	19 2	18 27	3 54	15 30	1 16	3 16	0 23	16 27	1 48	1 2	1 13	3 39	2 26	10 48	0 29	11 51	1 50	24 22	12 50	19 39	19 20	20 51	18 21	4 59	
T 22	18 48	15 50	4 29	14 51	1 10	2 47	0 29	16 37	1 49	0 58	1 13	3 40	2 26	10 49	0 28	11 52	1 50	24 23	12 51	19 37	19 20	20 50	18 21	4 59	
F 23	18 34	12 31	4 52	14 11	1 4	2 17	0 35	16 48	1 49	0 54	1 13	3 42	2 26	10 49	0 28	11 52	1 50	24 23	12 51	19 34	19 19	20 49	18 21	5 0	
S 24	18 19	8 38	5 1	13 31	0 58	1 48	0 41	16 58	1 50	0 50	1 13	3 44	2 25	10 50	0 28	11 52	1 50	24 24	12 51	19 31	19 18	20 49	18 21	5 0	
S 25	18 4	4 19	4 57	12 51	0 51	1 19	0 47	17 9	1 50	0 46	1 13	3 46	2 25	10 50	0 28	11 52	1 50	24 24	12 51	19 28	19 17	20 48	18 20	5 1	
M26	17 48	0s14	4 37	12 11	0 44	0 50	0 53	17 19	1 51	0 41	1 12	3 48	2 25	10 51	0 28	11 52	1 50	24 25	12 51	19 26	19 17	20 48	18 20	5 1	
T 27	17 33	4 51	4 3	11 30	0 37	0 21	0 59	17 30	1 51	0 37	1 12	3 49	2 25	10 51	0 28	11 53	1 50	24 25	12 51	19 24	19 16	20 47	18 20	5 1	
W28	17 17	9 20	3 16	10 50	0 30	0s 8	1 5	17 40	1 52	0 33	1 12	3 51	2 24	10 52	0 28	11 53	1 49	24 26	12 51	19 23	19 15	20 46	18 20	5 2	
T 29	17 0	13 26	2 17	10 9	0 22	0 37	1 12	17 50	1 52	0 29	1 12	3 53	2 24	10 52	0 28	11 53	1 49	24 26	12 52	19 22	19 14	20 46	18 20	5 2	
F 30	16 44	16 55	1 9	9 29	0 14	1 6	1 18	18 1	1 53	0 24	1 12	3 55	2 24	10 53	0 28	11 53	1 49	24 27	12 52	19 22	19 13	20 45	18 20	5 2	
S 31	16n27	19s29	0n 4	8n48	0n 6	1s35	1s25	18s11	1s53	0n20	1n12	3s57	2n24	10s53	0n28	11s54	1n49	24s28	12s52	19s22	19s13	20n44	18n19	5s 3	

Julian Day Number = 2197890.5, Delta T = 10m16s
Ecliptic obliquity = 23°31'41, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°03'15, Lahiri = 14°10'15 Julian Calendar 1 July 1305 == Greg. Calendar 9 July 1305

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1305
geocentric

AUGUST 1305 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	21 8 37	15♌46'17	11♐13	9♍ 9	1♎41	15♏32	2♎ 6	15♎41	29♎30	6♏ 8	27°R20	26°R11	25♏28	28♊13	23♊29	S 1
M 2	21 12 33	16°44'02	25°42	10°34	2°37	16° 6	2°16	15°46	29°32	6° 9	27♒19	26♏ 9	25°25	28°19	23°33	M 2
T 3	21 16 30	17°41'48	10♑24	11°58	3°33	16°40	2°27	15°50	29°34	6°10	27°18	26° 4	25°22	28°26	23°37	T 3
W 4	21 20 26	18°39'35	25°13	13°20	4°28	17°14	2°38	15°55	29°35	6°11	27°16	25°56	25°19	28°33	23°40	W 4
T 5	21 24 23	19°37'24	10♒ 2	14°41	5°23	17°49	2°49	16° 0	29°37	6°11	27°15	25°46	25°15	28°39	23°44	T 5
F 6	21 28 20	20°35'14	24°42	15°59	6°17	18°24	3° 0	16° 5	29°39	6°12	27°14	25°35	25°12	28°46	23°48	F 6
S 7	21 32 16	21°33'05	9♓ 5	17°16	7°11	18°59	3°11	16°10	29°41	6°13	27°13	25°24	25° 9	28°53	23°52	S 7
S 8	21 36 13	22°30'58	23° 6	18°32	8° 4	19°34	3°22	16°16	29°43	6°14	27°11	25°14	25° 6	28°59	23°56	S 8
M 9	21 40 9	23°28'53	6♈40	19°45	8°57	20°10	3°34	16°21	29°45	6°15	27°10	25° 5	25° 3	29° 6	23°59	M 9
T 10	21 44 6	24°26'50	19°48	20°56	9°49	20°45	3°45	16°26	29°47	6°16	27° 9	25° 0	24°59	29°13	24° 3	T 10
W11	21 48 2	25°24'48	2♉31	22° 6	10°41	21°21	3°57	16°31	29°49	6°17	27° 7	24°57	24°56	29°19	24° 6	W11
T 12	21 51 59	26°22'49	14°53	23°13	11°32	21°58	4° 8	16°37	29°51	6°18	27° 6	24°56	24°53	29°26	24°10	T 12
F 13	21 55 55	27°20'51	26°59	24°18	12°22	22°34	4°20	16°42	29°53	6°19	27° 5	24°55	24°50	29°33	24°13	F 13
S 14	21 59 52	28°18'55	8♊53	25°21	13°11	23°11	4°31	16°48	29°55	6°20	27° 4	24°55	24°47	29°39	24°16	S 14
S 15	22 3 49	29°17'02	20°42	26°21	14° 0	23°47	4°43	16°53	29°58	6°21	27° 2	24°54	24°44	29°46	24°20	S 15
M16	22 7 45	0♍15'10	2♋31	27°19	14°48	24°24	4°55	16°59	29°59	6°22	27° 1	24°50	24°40	29°53	24°23	M16
T 17	22 11 42	1°13'20	14°24	28°14	15°35	25° 1	5° 6	17° 5	0♏ 2	6°23	27° 0	24°44	24°37	29°59	24°26	T 17
W18	22 15 38	2°11'33	26°26	29° 6	16°22	25°39	5°18	17°10	0° 5	6°25	26°59	24°36	24°34	0♋ 6	24°29	W18
T 19	22 19 35	3° 9'47	8♌38	29°55	17° 7	26°16	5°30	17°16	0° 7	6°26	26°57	24°24	24°31	0°13	24°32	T 19
F 20	22 23 31	4° 8'03	21° 3	0♎40	17°52	26°54	5°42	17°22	0° 9	6°27	26°56	24°12	24°28	0°19	24°35	F 20
S 21	22 27 28	5° 6'21	3♍42	1°22	18°36	27°32	5°54	17°28	0°12	6°28	26°55	23°59	24°24	0°26	24°38	S 21
S 22	22 31 24	6° 4'40	16°34	2° 0	19°19	28°10	6° 6	17°34	0°14	6°30	26°53	23°46	24°21	0°33	24°41	S 22
M23	22 35 21	7° 3'02	29°39	2°35	20° 1	28°48	6°18	17°40	0°17	6°31	26°52	23°35	24°18	0°39	24°44	M23
T 24	22 39 17	8° 1'25	12♎56	3° 4	20°42	29°27	6°30	17°46	0°20	6°32	26°51	23°27	24°15	0°46	24°46	T 24
W25	22 43 14	8°59'50	26°23	3°29	21°21	0♐ 6	6°42	17°52	0°22	6°34	26°50	23°22	24°12	0°53	24°49	W25
T 26	22 47 11	9°58'16	9♏59	3°49	22° 0	0°44	6°55	17°58	0°25	6°35	26°49	23°20	24° 9	0°59	24°51	T 26
F 27	22 51 7	10°56'45	23°46	4° 4	22°38	1°23	7° 7	18° 5	0°28	6°36	26°47	23°D19	24° 5	1° 6	24°54	F 27
S 28	22 55 4	11°55'15	7♐42	4°13	23°14	2° 2	7°19	18°11	0°30	6°38	26°46	23°R19	24° 2	1°13	24°56	S 28
S 29	22 59 0	12°53'46	21°47	4°R16	23°50	2°42	7°32	18°17	0°33	6°39	26°45	23°19	23°59	1°19	24°58	S 29
M30	23 2 57	13°52'19	6♑ 1	4°12	24°23	3°21	7°44	18°23	0°36	6°41	26°44	23°17	23°56	1°26	25° 1	M30
T 31	23 6 53	14♍50'54	20♑22	4♎ 2	24♎56	4♐ 1	7♎57	18♎30	0♏39	6♏42	26♒42	23♏13	23♏53	1♋33	25♊ 3	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	16n10	20s54	1n19	8n 8	0s 3	2s 4	1s31	18s22	1s53	0n15	1n12	3s59	2n24	10s54	0n28	11s54	1n49	24s28	12s52	19s22	19s12	20n44	18n19	5s 3
M 2	15 53	20 58	2 29	7 27	0 11	2 33	1 38	18 32	1 54	0 11	1 11	4 1	2 23	10 55	0 28	11 54	1 49	24 29	12 52	19 22	19 11	20 43	18 19	5 4
T 3	15 35	19 37	3 31	6 47	0 20	3 1	1 45	18 42	1 54	0 7	1 11	4 3	2 23	10 55	0 28	11 55	1 49	24 29	12 52	19 20	19 10	20 42	18 19	5 4
W 4	15 17	16 55	4 19	6 8	0 29	3 29	1 52	18 52	1 55	0 2	1 11	4 5	2 23	10 56	0 28	11 55	1 49	24 30	12 52	19 19	19 10	20 42	18 19	5 4
T 5	14 59	13 9	4 50	5 28	0 38	3 58	1 59	19 3	1 55	0s 2	1 11	4 7	2 23	10 56	0 28	11 55	1 49	24 30	12 52	19 16	19 9	20 41	18 18	5 5
F 6	14 41	8 37	5 1	4 50	0 47	4 26	2 6	19 13	1 55	0 7	1 11	4 9	2 23	10 57	0 28	11 55	1 49	24 31	12 52	19 14	19 8	20 40	18 18	5 5
S 7	14 22	3 41	4 52	4 11	0 56	4 54	2 13	19 23	1 56	0 11	1 11	4 12	2 22	10 58	0 28	11 56	1 49	24 31	12 52	19 11	19 7	20 40	18 18	5 6
S 8	14 4	1n20	4 26	3 33	1 5	5 22	2 20	19 33	1 56	0 16	1 11	4 14	2 22	10 59	0 28	11 56	1 49	24 32	12 53	19 8	19 7	20 39	18 18	5 6
M 9	13 45	6 7	3 46	2 56	1 15	5 49	2 28	19 43	1 56	0 21	1 10	4 16	2 22	10 59	0 28	11 57	1 49	24 32	12 53	19 7	19 6	20 38	18 17	5 7
T 10	13 25	10 28	2 54	2 19	1 24	6 17	2 35	19 53	1 56	0 25	1 10	4 18	2 22	11 0	0 28	11 57	1 49	24 33	12 53	19 5	19 5	20 38	18 17	5 7
W11	13 6	14 12	1 56	1 43	1 34	6 44	2 42	20 3	1 57	0 30	1 10	4 20	2 22	11 1	0 28	11 57	1 49	24 33	12 53	19 4	19 4	20 37	18 17	5 7
T 12	12 46	17 12	0 53	1 8	1 43	7 11	2 50	20 12	1 57	0 35	1 10	4 23	2 22	11 2	0 28	11 58	1 49	24 34	12 53	19 4	19 4	20 36	18 16	5 8
F 13	12 26	19 23	0s11	0 33	1 52	7 37	2 57	20 22	1 57	0 39	1 10	4 25	2 21	11 2	0 28	11 58	1 49	24 34	12 53	19 4	19 3	20 36	18 16	5 8
S 14	12 6	20 39	1 13	0s 0	2 2	8 4	3 5	20 32	1 57	0 44	1 10	4 27	2 21	11 3	0 28	11 58	1 48	24 35	12 53	19 4	19 2	20 35	18 16	5 9
S 15	11 46	21 0	2 12	0 33	2 11	8 30	3 13	20 41	1 57	0 49	1 10	4 29	2 21	11 4	0 28	11 59	1 48	24 35	12 53	19 4	19 1	20 34	18 15	5 9
M16	11 25	20 25	3 5	1 5	2 20	8 56	3 21	20 51	1 58	0 54	1 10	4 32	2 21	11 5	0 28	11 59	1 48	24 36	12 53	19 3	19 0	20 33	18 15	5 10
T 17	11 5	18 56	3 50	1 35	2 30	9 21	3 28	21 0	1 58	0 58	1 10	4 34	2 21	11 6	0 28	12 0	1 48	24 36	12 53	19 1	19 0	20 33	18 15	5 10
W18	10 44	16 36	4 26	2 4	2 39	9 47	3 36	21 9	1 58	1 3	1 9	4 36	2 21	11 7	0 28	12 0	1 48	24 37	12 53	18 59	18 59	20 32	18 14	5 11
T 19	10 23	13 31	4 49	2 31	2 47	10 12	3 44	21 18	1 58	1 8	1 9	4 39	2 20	11 7	0 28	12 1	1 48	24 37	12 53	18 57	18 58	20 31	18 14	5 11
F 20	10 2	9 47	5 0	2 58	2 56	10 36	3 52	21 27	1 58	1 13	1 9	4 41	2 20	11 8	0 28	12 1	1 48	24 38	12 53	18 53	18 57	20 30	18 14	5 12
S 21	9 40	5 35	4 56	3 22	3 4	11 1	4 0	21 36	1 58	1 18	1 9	4 43	2 20	11 9	0 28	12 2	1 48	24 38	12 53	18 50	18 57	20 30	18 13	5 12
S 22	9 19	1 3	4 38	3 45	3 13	11 24	4 8	21 45	1 58	1 23	1 9	4 46	2 20	11 10	0 28	12 2	1 48	24 39	12 53	18 47	18 56	20 29	18 13	5 12
M23	8 57	3s35	4 4	4 5	3 20	11 48	4 16	21 54	1 59	1 27	1 9	4 48	2 20	11 11	0 28	12 3	1 48	24 39	12 53	18 44	18 55	20 28	18 13	5 13
T 24	8 35	8 8	3 17	4 24	3 28	12 11	4 24	22 2	1 59	1 32	1 9	4 51	2 20	11 12	0 27	12 3	1 48	24 39	12 53	18 42	18 54	20 28	18 12	5 13
W25	8 14	12 21	2 18	4 40	3 34	12 34	4 32	22 11	1 59	1 37	1 9	4 53	2 20	11 13	0 27	12 3	1 48	24 40	12 53	18 41	18 53	20 27	18 12	5 14
T 26	7 51	15 58	1 10	4 54	3 41	12 56	4 40	22 19	1 59	1 42	1 9	4 56	2 19	11 14	0 27	12 4	1 48	24 40	12 53	18 40	18 53	20 26	18 11	5 14
F 27	7 29	18 45	0n 2	5 5	3 46	13 18	4 49	22 27	1 59	1 47	1 9	4 58	2 19	11 15	0 27	12 5	1 48	24 41	12 53	18 40	18 52	20 25	18 11	5 15
S 28	7 7	20 26	1 16	5 13	3 51	13 39	4 57	22 35	1 59	1 52	1 8	5 1	2 19	11 16	0 27	12 5	1 48	24 41	12 53	18 40	18 51	20 24	18 11	5 15
S 29	6 45	20 51	2 25	5 17	3 55	14 0	5 5	22 43	1 59	1 57	1 8	5 3	2 19	11 17	0 27	12 6	1 48	24 42	12 53	18 40	18 50	20 24	18 10	5 16
M30	6 22	19 57	3 26	5 19	3 58	14 20	5 13	22 51	1 59	2 2	1 8	5 6	2 19	11 18	0 27	12 6	1 48	24 42	12 53	18 40	18 49	20 23	18 10	5 16
T 31	5n59	17s46	4n15	5s16	4s 0	14s39	5s21	22s58	1s59	2s 7	1n 8	5s 8	2n19	11s19	0n27	12s 7	1n48	24s42	12s53	18s39	18s49	20n22	18n 9	5s17

Julian Day Number = 2197921.5, Delta T = 10m15s
Ecliptic obliquity = 23°31'41, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°03'19, Lahiri = 14°10'20 Julian Calendar 1 Aug. 1305 == Greg. Calendar 9 Aug. 1305

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ASTRODIENST EPHEMERIS for the year 1305
geocentric

SEPTEMBER 1305 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	23 10 50	15♍49'31	4♒47	3°R45	25♎27	4♐40	8♎ 9	18♎36	0♏42	6♏44	26°R41	23°R 6	23♏50	1♋39	25♊ 5	W 1
T 2	23 14 46	16°48'09	19°10	3♎20	25°57	5°20	8°22	18°43	0°45	6°46	26♒40	22♏58	23°46	1°46	25° 7	T 2
F 3	23 18 43	17°46'49	3♓27	2°49	26°25	6° 0	8°34	18°49	0°48	6°47	26°39	22°47	23°43	1°53	25° 9	F 3
S 4	23 22 40	18°45'31	17°30	2°11	26°52	6°40	8°47	18°56	0°51	6°49	26°38	22°37	23°40	1°59	25°11	S 4
S 5	23 26 36	19°44'15	1♈16	1°26	27°17	7°21	8°59	19° 2	0°54	6°50	26°37	22°28	23°37	2° 6	25°13	S 5
M 6	23 30 33	20°43'01	14°41	0°34	27°40	8° 1	9°12	19° 9	0°57	6°52	26°35	22°20	23°34	2°13	25°14	M 6
T 7	23 34 29	21°41'49	27°44	29♍37	28° 1	8°42	9°25	19°16	1° 0	6°54	26°34	22°15	23°30	2°19	25°16	T 7
W 8	23 38 26	22°40'40	10♉24	28°36	28°21	9°23	9°38	19°22	1° 3	6°56	26°33	22°12	23°27	2°26	25°18	W 8
T 9	23 42 22	23°39'32	22°46	27°31	28°39	10° 3	9°50	19°29	1° 6	6°57	26°32	22°D11	23°24	2°33	25°19	T 9
F 10	23 46 19	24°38'27	4♊53	26°24	28°55	10°44	10° 3	19°36	1° 9	6°59	26°31	22°12	23°21	2°39	25°21	F 10
S 11	23 50 15	25°37'25	16°48	25°16	29° 9	11°25	10°16	19°42	1°12	7° 1	26°30	22°13	23°18	2°46	25°22	S 11
S 12	23 54 12	26°36'24	28°39	24°10	29°21	12° 7	10°29	19°49	1°16	7° 3	26°29	22°R13	23°15	2°53	25°23	S 12
M13	23 58 9	27°35'26	10♋29	23° 7	29°31	12°48	10°42	19°56	1°19	7° 4	26°28	22°12	23°11	2°59	25°24	M13
T 14	0 2 5	28°34'30	22°24	22° 9	29°38	13°29	10°54	20° 3	1°22	7° 6	26°27	22° 9	23° 8	3° 6	25°25	T 14
W15	0 6 2	29°33'37	4♌29	21°17	29°44	14°11	11° 7	20°10	1°26	7° 8	26°26	22° 4	23° 5	3°13	25°26	W15
T 16	0 9 58	0♎32'46	16°47	20°33	29°47	14°53	11°20	20°17	1°29	7°10	26°25	21°57	23° 2	3°19	25°27	T 16
F 17	0 13 55	1°31'57	29°22	19°58	29°R48	15°35	11°33	20°24	1°32	7°12	26°24	21°48	22°59	3°26	25°28	F 17
S 18	0 17 51	2°31'10	12♍14	19°34	29°47	16°17	11°46	20°31	1°36	7°14	26°23	21°39	22°55	3°33	25°29	S 18
S 19	0 21 48	3°30'26	25°24	19°19	29°43	16°59	11°59	20°38	1°39	7°16	26°22	21°31	22°52	3°39	25°30	S 19
M20	0 25 44	4°29'43	8♎51	19°D15	29°37	17°41	12°12	20°45	1°42	7°18	26°21	21°23	22°49	3°46	25°30	M20
T 21	0 29 41	5°29'03	22°32	19°22	29°28	18°23	12°25	20°52	1°46	7°20	26°20	21°18	22°46	3°53	25°31	T 21
W22	0 33 37	6°28'24	6♏24	19°40	29°17	19° 6	12°38	20°59	1°49	7°22	26°19	21°15	22°43	4° 0	25°31	W22
T 23	0 37 34	7°27'48	20°24	20° 7	29° 4	19°48	12°51	21° 6	1°53	7°24	26°18	21°D14	22°40	4° 6	25°32	T 23
F 24	0 41 31	8°27'13	4♐29	20°44	28°48	20°31	13° 4	21°13	1°56	7°26	26°17	21°15	22°36	4°13	25°32	F 24
S 25	0 45 27	9°26'41	18°38	21°30	28°30	21°13	13°17	21°20	2° 0	7°28	26°16	21°16	22°33	4°20	25°32	S 25
S 26	0 49 24	10°26'10	2♑48	22°23	28°10	21°56	13°31	21°27	2° 3	7°30	26°15	21°17	22°30	4°26	25°32	S 26
M27	0 53 20	11°25'41	16°57	23°25	27°48	22°39	13°44	21°34	2° 7	7°32	26°14	21°R17	22°27	4°33	25°R32	M27
T 28	0 57 17	12°25'14	1♒ 4	24°32	27°23	23°22	13°57	21°41	2°11	7°34	26°14	21°16	22°24	4°40	25°32	T 28
W29	1 1 13	13°24'48	15° 8	25°45	26°56	24° 5	14°10	21°49	2°14	7°36	26°13	21°12	22°21	4°46	25°32	W29
T 30	1 5 10	14♎24'24	29♒ 5	27♍ 3	26♎28	24♐49	14♎23	21♎56	2♏18	7♏38	26♒12	21♏ 8	22♏17	4♋53	25♊32	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	5n37	14s29	4n48	5s10	4s 0	14s58	5s29	23s 6	1s59	2s12	1n 8	5s11	2n19	11s20	0n27	12s 7	1n48	24s43	12s53	18s37	18s48	20n21	18n 9	5s18
T 2	5 14	10 20	5 2	5 0	4 0	15 17	5 37	23 13	1 59	2 17	1 8	5 13	2 19	11 21	0 27	12 8	1 48	24 43	12 52	18 35	18 47	20 21	18 8	5 18
F 3	4 51	5 39	4 58	4 45	3 57	15 34	5 45	23 20	1 59	2 22	1 8	5 16	2 18	11 22	0 27	12 8	1 47	24 43	12 52	18 32	18 46	20 20	18 8	5 19
S 4	4 28	0 44	4 35	4 26	3 53	15 52	5 53	23 27	1 59	2 27	1 8	5 19	2 18	11 23	0 27	12 9	1 47	24 44	12 52	18 30	18 46	20 19	18 8	5 19
S 5	4 5	4n 8	3 57	4 3	3 48	16 8	6 0	23 34	1 59	2 32	1 8	5 21	2 18	11 24	0 27	12 9	1 47	24 44	12 52	18 27	18 45	20 18	18 7	5 20
M 6	3 42	8 40	3 6	3 36	3 40	16 24	6 8	23 40	1 58	2 37	1 8	5 24	2 18	11 25	0 27	12 10	1 47	24 44	12 52	18 25	18 44	20 17	18 7	5 20
T 7	3 18	12 41	2 7	3 4	3 31	16 38	6 15	23 47	1 58	2 42	1 8	5 26	2 18	11 26	0 27	12 11	1 47	24 45	12 52	18 24	18 43	20 17	18 6	5 21
W 8	2 55	15 59	1 3	2 29	3 19	16 52	6 23	23 53	1 58	2 47	1 8	5 29	2 18	11 28	0 27	12 11	1 47	24 45	12 52	18 23	18 42	20 16	18 6	5 21
T 9	2 32	18 29	0s 3	1 51	3 6	17 6	6 30	23 59	1 58	2 53	1 8	5 32	2 18	11 29	0 27	12 12	1 47	24 45	12 52	18 23	18 42	20 15	18 5	5 22
F 10	2 8	20 5	1 8	1 10	2 51	17 18	6 37	24 5	1 58	2 58	1 8	5 34	2 18	11 30	0 27	12 12	1 47	24 46	12 52	18 23	18 41	20 14	18 5	5 22
S 11	1 45	20 45	2 8	0 28	2 34	17 29	6 44	24 11	1 58	3 3	1 7	5 37	2 18	11 31	0 27	12 13	1 47	24 46	12 52	18 23	18 40	20 13	18 4	5 23
S 12	1 21	20 28	3 3	0n15	2 16	17 40	6 50	24 16	1 58	3 8	1 7	5 39	2 18	11 32	0 27	12 14	1 47	24 46	12 51	18 24	18 39	20 13	18 4	5 23
M13	0 58	19 18	3 50	0 58	1 56	17 49	6 57	24 22	1 58	3 13	1 7	5 42	2 17	11 33	0 27	12 14	1 47	24 46	12 51	18 23	18 38	20 12	18 3	5 24
T 14	0 34	17 16	4 27	1 39	1 37	17 58	7 3	24 27	1 57	3 18	1 7	5 45	2 17	11 34	0 27	12 15	1 47	24 47	12 51	18 22	18 38	20 11	18 3	5 24
W15	0 11	14 28	4 53	2 18	1 16	18 5	7 9	24 32	1 57	3 23	1 7	5 47	2 17	11 36	0 27	12 16	1 47	24 47	12 51	18 21	18 37	20 10	18 2	5 25
T 16	0s13	11 0	5 6	2 54	0 56	18 12	7 14	24 36	1 57	3 28	1 7	5 50	2 17	11 37	0 27	12 16	1 47	24 47	12 51	18 19	18 36	20 9	18 2	5 25
F 17	0 37	6 59	5 4	3 26	0 36	18 17	7 19	24 41	1 57	3 33	1 7	5 53	2 17	11 38	0 27	12 17	1 47	24 47	12 51	18 17	18 35	20 8	18 1	5 26
S 18	1 0	2 34	4 48	3 54	0 16	18 21	7 24	24 45	1 57	3 38	1 7	5 55	2 17	11 39	0 27	12 18	1 47	24 48	12 51	18 15	18 34	20 8	18 1	5 27
S 19	1 24	2s 4	4 15	4 17	0n 2	18 23	7 28	24 49	1 56	3 44	1 7	5 58	2 17	11 40	0 27	12 18	1 47	24 48	12 51	18 12	18 34	20 7	18 0	5 27
M20	1 48	6 43	3 29	4 34	0 20	18 24	7 32	24 53	1 56	3 49	1 7	6 1	2 17	11 41	0 27	12 19	1 47	24 48	12 50	18 11	18 33	20 6	18 0	5 28
T 21	2 11	11 6	2 29	4 46	0 36	18 24	7 35	24 56	1 56	3 54	1 7	6 4	2 17	11 43	0 27	12 20	1 47	24 48	12 50	18 9	18 32	20 5	17 59	5 28
W22	2 35	14 57	1 20	4 53	0 51	18 23	7 38	25 0	1 56	3 59	1 7	6 6	2 17	11 44	0 27	12 20	1 47	24 48	12 50	18 8	18 31	20 4	17 59	5 29
T 23	2 58	17 59	0 5	4 54	1 4	18 20	7 40	25 3	1 55	4 4	1 7	6 9	2 17	11 45	0 27	12 21	1 47	24 49	12 50	18 8	18 30	20 3	17 58	5 29
F 24	3 22	19 57	1n11	4 51	1 16	18 16	7 42	25 6	1 55	4 9	1 7	6 12	2 17	11 46	0 27	12 22	1 47	24 49	12 50	18 8	18 29	20 2	17 57	5 30
S 25	3 45	20 40	2 23	4 42	1 26	18 10	7 43	25 9	1 55	4 14	1 7	6 14	2 17	11 48	0 27	12 22	1 47	24 49	12 50	18 9	18 29	20 2	17 57	5 30
S 26	4 9	20 4	3 26	4 29	1 35	18 3	7 43	25 11	1 54	4 19	1 7	6 17	2 17	11 49	0 27	12 23	1 47	24 49	12 49	18 9	18 28	20 1	17 56	5 31
M27	4 32	18 12	4 17	4 12	1 43	17 54	7 42	25 13	1 54	4 25	1 7	6 20	2 17	11 50	0 27	12 24	1 47	24 49	12 49	18 9	18 27	20 0	17 56	5 31
T 28	4 56	15 15	4 52	3 51	1 49	17 44	7 41	25 15	1 54	4 30	1 7	6 22	2 17	11 51	0 27	12 24	1 47	24 49	12 49	18 9	18 26	19 59	17 55	5 32
W29	5 19	11 26	5 9	3 26	1 54	17 32	7 39	25 17	1 53	4 35	1 7	6 25	2 16	11 53	0 27	12 25	1 47	24 49	12 49	18 8	18 25	19 58	17 55	5 33
T 30	5s42	7s 1	5n 8	2n58	1n57	17s19	7s36	25s19	1s53	4s40	1n 7	6s28	2n16	11s54	0n27	12s26	1n47	24s49	12s49	18s 6	18s25	19n57	17n54	5s33

Julian Day Number = 2197952.5, Delta T = 10m15s
Ecliptic obliquity = 23°31'41, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°03'23, Lahiri = 14°10'24 Julian Calendar 1 Sept. 1305 == Greg. Calendar 9 Sept. 1305

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ASTRODIENST EPHEMERIS for the year 1305
geocentric

OCTOBER 1305 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	1 9 6	15♎24'02	12♓53	28♍26	25°R57	25♐32	14♎36	22♎ 3	2♏21	7♏40	26°R11	21°R 2	22♏14	5♋ 0	25°R31	F 1
S 2	1 13 3	16°23'41	26°30	29°52	25♎26	26°15	14°49	22°10	2°25	7°42	26♒10	20♏56	22°11	5° 6	25♊31	S 2
S 3	1 17 0	17°23'23	9♈52	1♎21	24°52	26°59	15° 2	22°17	2°29	7°44	26°10	20°51	22° 8	5°13	25°31	S 3
M 4	1 20 56	18°23'07	22°59	2°53	24°18	27°42	15°15	22°24	2°32	7°47	26° 9	20°47	22° 5	5°20	25°30	M 4
T 5	1 24 53	19°22'52	5♉48	4°26	23°43	28°26	15°28	22°32	2°36	7°49	26° 8	20°44	22° 1	5°26	25°29	T 5
W 6	1 28 49	20°22'40	18°20	6° 2	23° 7	29°10	15°41	22°39	2°40	7°51	26° 8	20°D43	21°58	5°33	25°29	W 6
T 7	1 32 46	21°22'30	0♊38	7°38	22°30	29°54	15°54	22°46	2°43	7°53	26° 7	20°44	21°55	5°40	25°28	T 7
F 8	1 36 42	22°22'22	12°43	9°16	21°54	0♑37	16° 7	22°53	2°47	7°55	26° 7	20°45	21°52	5°46	25°27	F 8
S 9	1 40 39	23°22'16	24°38	10°54	21°17	1°21	16°20	23° 0	2°51	7°57	26° 6	20°47	21°49	5°53	25°26	S 9
S 10	1 44 35	24°22'13	6♋29	12°33	20°41	2° 5	16°33	23° 8	2°54	8° 0	26° 5	20°48	21°46	6° 0	25°25	S 10
M11	1 48 32	25°22'12	18°19	14°13	20° 5	2°50	16°46	23°15	2°58	8° 2	26° 5	20°50	21°42	6° 6	25°24	M11
T 12	1 52 29	26°22'12	0♌14	15°52	19°30	3°34	17° 0	23°22	3° 2	8° 4	26° 4	20°R50	21°39	6°13	25°23	T 12
W13	1 56 25	27°22'15	12°19	17°32	18°56	4°18	17°13	23°29	3° 6	8° 6	26° 4	20°49	21°36	6°20	25°21	W13
T 14	2 0 22	28°22'21	24°38	19°12	18°23	5° 2	17°25	23°36	3° 9	8° 8	26° 3	20°47	21°33	6°27	25°20	T 14
F 15	2 4 18	29°22'28	7♍15	20°51	17°52	5°47	17°38	23°44	3°13	8°11	26° 3	20°44	21°30	6°33	25°18	F 15
S 16	2 8 15	0♏22'37	20°12	22°31	17°22	6°31	17°51	23°51	3°17	8°13	26° 2	20°41	21°27	6°40	25°17	S 16
S 17	2 12 11	1°22'49	3♎32	24°10	16°54	7°16	18° 4	23°58	3°21	8°15	26° 2	20°38	21°23	6°47	25°15	S 17
M18	2 16 8	2°23'02	17°14	25°49	16°28	8° 0	18°17	24° 5	3°24	8°17	26° 2	20°35	21°20	6°53	25°14	M18
T 19	2 20 4	3°23'17	1♏16	27°28	16° 4	8°45	18°30	24°12	3°28	8°20	26° 1	20°34	21°17	7° 0	25°12	T 19
W20	2 24 1	4°23'34	15°34	29° 6	15°43	9°30	18°43	24°20	3°32	8°22	26° 1	20°D33	21°14	7° 7	25°10	W20
T 21	2 27 58	5°23'53	0♐ 2	0♏44	15°23	10°15	18°56	24°27	3°36	8°24	26° 1	20°33	21°11	7°13	25° 8	T 21
F 22	2 31 54	6°24'14	14°35	2°22	15° 6	10°59	19° 9	24°34	3°39	8°26	26° 0	20°34	21° 7	7°20	25° 6	F 22
S 23	2 35 51	7°24'36	29° 8	4° 0	14°51	11°44	19°21	24°41	3°43	8°29	26° 0	20°35	21° 4	7°27	25° 4	S 23
S 24	2 39 47	8°25'00	13♑35	5°37	14°39	12°29	19°34	24°48	3°47	8°31	26° 0	20°36	21° 1	7°33	25° 2	S 24
M25	2 43 44	9°25'25	27°53	7°13	14°29	13°14	19°47	24°55	3°51	8°33	26° 0	20°37	20°58	7°40	25° 0	M25
T 26	2 47 40	10°25'51	11♒59	8°50	14°21	14° 0	20° 0	25° 2	3°54	8°35	25°59	20°R37	20°55	7°47	24°58	T 26
W27	2 51 37	11°26'19	25°52	10°26	14°16	14°45	20°12	25° 9	3°58	8°38	25°59	20°36	20°52	7°53	24°55	W27
T 28	2 55 33	12°26'48	9♓31	12° 2	14°14	15°30	20°25	25°16	4° 2	8°40	25°59	20°36	20°48	8° 0	24°53	T 28
F 29	2 59 30	13°27'18	22°56	13°38	14°D14	16°15	20°38	25°23	4° 5	8°42	25°59	20°35	20°45	8° 7	24°50	F 29
S 30	3 3 27	14°27'50	6♈ 7	15°13	14°16	17° 0	20°50	25°30	4° 9	8°44	25°59	20°34	20°42	8°13	24°48	S 30
S 31	3 7 23	15♏28'23	19♈ 4	16♏48	14♎21	17♑46	21♎ 3	25♎37	4♏13	8♏47	25♒59	20♏33	20♏39	8♋20	24♊45	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	6s 5	2s18	4n49	2n28	2n 0	17s 4	7s32	25s20	1s53	4s45	1n 7	6s31	2n16	11s55	0n27	12s26	1n47	24s49	12s48	18s 5	18s24	19n56	17n54	5s34
S 2	6 28	2n29	4 13	1 55	2 2	16 48	7 28	25 21	1 52	4 50	1 7	6 33	2 16	11 56	0 27	12 27	1 46	24 50	12 48	18 3	18 23	19 55	17 53	5 34
S 3	6 51	7 4	3 25	1 20	2 2	16 31	7 22	25 22	1 52	4 55	1 7	6 36	2 16	11 58	0 27	12 28	1 46	24 50	12 48	18 2	18 22	19 54	17 53	5 35
M 4	7 14	11 13	2 26	0 43	2 2	16 12	7 16	25 22	1 52	5 0	1 7	6 39	2 16	11 59	0 27	12 29	1 46	24 50	12 48	18 1	18 21	19 54	17 52	5 35
T 5	7 37	14 46	1 21	0 5	2 1	15 52	7 9	25 22	1 51	5 5	1 7	6 41	2 16	12 0	0 27	12 29	1 46	24 50	12 48	18 0	18 20	19 53	17 51	5 36
W 6	7 59	17 34	0 13	0s35	1 59	15 31	7 1	25 22	1 51	5 10	1 7	6 44	2 16	12 1	0 27	12 30	1 46	24 50	12 47	18 0	18 20	19 52	17 51	5 36
T 7	8 22	19 29	0s54	1 15	1 57	15 9	6 52	25 22	1 50	5 15	1 7	6 47	2 16	12 3	0 27	12 31	1 46	24 50	12 47	18 0	18 19	19 51	17 50	5 37
F 8	8 44	20 27	1 58	1 56	1 54	14 46	6 42	25 22	1 50	5 20	1 7	6 49	2 16	12 4	0 27	12 31	1 46	24 50	12 47	18 0	18 18	19 50	17 50	5 37
S 9	9 7	20 30	2 56	2 38	1 50	14 23	6 32	25 21	1 50	5 25	1 7	6 52	2 16	12 5	0 27	12 32	1 46	24 50	12 47	18 1	18 17	19 49	17 49	5 38
S 10	9 29	19 37	3 46	3 21	1 47	13 59	6 21	25 20	1 49	5 30	1 7	6 55	2 16	12 7	0 27	12 33	1 46	24 50	12 46	18 1	18 16	19 48	17 49	5 38
M11	9 51	17 53	4 26	4 3	1 42	13 34	6 9	25 19	1 49	5 35	1 7	6 57	2 16	12 8	0 27	12 34	1 46	24 50	12 46	18 2	18 16	19 47	17 48	5 39
T 12	10 13	15 22	4 55	4 46	1 37	13 9	5 57	25 17	1 48	5 40	1 7	7 0	2 16	12 9	0 27	12 34	1 46	24 50	12 46	18 2	18 15	19 46	17 48	5 39
W13	10 35	12 11	5 12	5 29	1 32	12 44	5 44	25 15	1 48	5 45	1 7	7 3	2 16	12 10	0 27	12 35	1 46	24 50	12 46	18 1	18 14	19 45	17 47	5 40
T 14	10 56	8 25	5 14	6 12	1 27	12 19	5 30	25 13	1 47	5 50	1 7	7 5	2 16	12 12	0 27	12 36	1 46	24 50	12 45	18 1	18 13	19 44	17 46	5 41
F 15	11 18	4 12	5 2	6 55	1 21	11 54	5 17	25 11	1 47	5 55	1 7	7 8	2 16	12 13	0 27	12 37	1 46	24 50	12 45	18 0	18 12	19 43	17 46	5 41
S 16	11 39	0s19	4 34	7 37	1 16	11 30	5 2	25 8	1 46	6 0	1 7	7 11	2 16	12 14	0 27	12 37	1 46	24 49	12 45	17 59	18 11	19 42	17 45	5 42
S 17	12 0	4 57	3 51	8 20	1 10	11 5	4 48	25 5	1 46	6 5	1 7	7 13	2 16	12 16	0 27	12 38	1 46	24 49	12 45	17 59	18 11	19 41	17 45	5 42
M18	12 21	9 28	2 54	9 2	1 4	10 42	4 33	25 2	1 45	6 10	1 7	7 16	2 16	12 17	0 27	12 39	1 46	24 49	12 44	17 58	18 10	19 40	17 44	5 43
T 19	12 41	13 35	1 45	9 43	0 57	10 19	4 18	24 59	1 45	6 15	1 7	7 18	2 16	12 18	0 27	12 39	1 46	24 49	12 44	17 57	18 9	19 40	17 44	5 43
W20	13 2	17 0	0 28	10 24	0 51	9 56	4 3	24 55	1 44	6 20	1 7	7 21	2 16	12 19	0 26	12 40	1 46	24 49	12 44	17 57	18 8	19 39	17 43	5 44
T 21	13 22	19 23	0n52	11 5	0 44	9 35	3 48	24 51	1 44	6 25	1 7	7 24	2 16	12 21	0 26	12 41	1 46	24 49	12 44	17 57	18 7	19 38	17 43	5 44
F 22	13 42	20 30	2 9	11 45	0 38	9 14	3 33	24 47	1 43	6 29	1 7	7 26	2 17	12 22	0 26	12 42	1 46	24 49	12 43	17 57	18 6	19 37	17 42	5 44
S 23	14 2	20 14	3 18	12 24	0 31	8 54	3 18	24 43	1 43	6 34	1 7	7 29	2 17	12 23	0 26	12 42	1 46	24 49	12 43	17 58	18 6	19 36	17 41	5 45
S 24	14 22	18 38	4 13	13 3	0 24	8 36	3 3	24 38	1 42	6 39	1 7	7 31	2 17	12 25	0 26	12 43	1 46	24 48	12 43	17 58	18 5	19 35	17 41	5 45
M25	14 41	15 53	4 53	13 42	0 18	8 18	2 48	24 33	1 42	6 44	1 7	7 34	2 17	12 26	0 26	12 44	1 46	24 48	12 43	17 58	18 4	19 34	17 40	5 46
T 26	15 0	12 14	5 14	14 19	0 11	8 2	2 33	24 28	1 41	6 49	1 7	7 36	2 17	12 27	0 26	12 44	1 46	24 48	12 42	17 58	18 3	19 33	17 40	5 46
W27	15 19	7 59	5 16	14 56	0 4	7 46	2 18	24 22	1 40	6 53	1 7	7 39	2 17	12 28	0 26	12 45	1 46	24 48	12 42	17 58	18 2	19 32	17 39	5 47
T 28	15 38	3 24	5 0	15 32	0s 2	7 32	2 4	24 17	1 40	6 58	1 7	7 41	2 17	12 30	0 26	12 46	1 46	24 48	12 42	17 58	18 1	19 31	17 39	5 47
F 29	15 56	1n17	4 28	16 8	0 9	7 19	1 50	24 11	1 39	7 3	1 7	7 44	2 17	12 31	0 26	12 47	1 46	24 47	12 42	17 58	18 0	19 30	17 38	5 48
S 30	16 14	5 50	3 42	16 42	0 16	7 7	1 36	24 4	1 39	7 7	1 7	7 46	2 17	12 32	0 26	12 47	1 46	24 47	12 41	17 57	18 0	19 29	17 38	5 48
S 31	16s32	10n 3	2n46	17s16	0s22	6s57	1s23	23s58	1s38	7s12	1n 7	7s49	2n17	12s33	0n26	12s48	1n46	24s47	12s41	17s57	17s59	19n28	17n37	5s49

Julian Day Number = 2197982.5, Delta T = 10m15s
Ecliptic obliquity = 23°31'41, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°03'28, Lahiri = 14°10'28 Julian Calendar 1 Oct. 1305 == Greg. Calendar 9 Oct. 1305

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ASTRODIENST EPHEMERIS for the year 1305
geocentric

NOVEMBER 1305 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	3 11 20	16♏28'57	1♉48	18♏23	14♎28	18♑31	21♎15	25♎44	4♏17	8♏49	25°R59	20°R33	20♏36	8♋27	24°R43	M 1
T 2	3 15 16	17°29'33	14°19	19°57	14°37	19°17	21°27	25°51	4°20	8°51	25°D59	20♏33	20°32	8°34	24♊40	T 2
W 3	3 19 13	18°30'10	26°39	21°32	14°48	20° 2	21°40	25°58	4°24	8°53	25♒59	20°D33	20°29	8°40	24°37	W 3
T 4	3 23 9	19°30'49	8♊48	23° 6	15° 2	20°47	21°52	26° 4	4°28	8°56	25°59	20°33	20°26	8°47	24°34	T 4
F 5	3 27 6	20°31'30	20°48	24°40	15°18	21°33	22° 5	26°11	4°31	8°58	25°59	20°R33	20°23	8°54	24°31	F 5
S 6	3 31 2	21°32'12	2♋42	26°14	15°36	22°19	22°17	26°18	4°35	9° 0	25°59	20°33	20°20	9° 0	24°28	S 6
S 7	3 34 59	22°32'55	14°32	27°47	15°56	23° 4	22°29	26°25	4°38	9° 2	25°59	20°33	20°17	9° 7	24°25	S 7
M 8	3 38 56	23°33'40	26°22	29°21	16°18	23°50	22°41	26°32	4°42	9° 4	25°59	20°32	20°13	9°14	24°22	M 8
T 9	3 42 52	24°34'27	8♌16	0♐54	16°41	24°35	22°53	26°38	4°46	9° 7	26° 0	20°32	20°10	9°20	24°19	T 9
W10	3 46 49	25°35'15	20°18	2°28	17° 7	25°21	23° 5	26°45	4°49	9° 9	26° 0	20°D32	20° 7	9°27	24°16	W10
T 11	3 50 45	26°36'05	2♍33	4° 1	17°34	26° 7	23°17	26°51	4°53	9°11	26° 0	20°32	20° 4	9°34	24°13	T 11
F 12	3 54 42	27°36'56	15° 6	5°34	18° 3	26°53	23°29	26°58	4°56	9°13	26° 0	20°32	20° 1	9°40	24° 9	F 12
S 13	3 58 38	28°37'48	28° 0	7° 7	18°34	27°38	23°41	27° 4	5° 0	9°15	26° 1	20°33	19°58	9°47	24° 6	S 13
S 14	4 2 35	29°38'42	11♎18	8°40	19° 6	28°24	23°53	27°11	5° 3	9°17	26° 1	20°34	19°54	9°54	24° 3	S 14
M15	4 6 31	0♐39'38	25° 3	10°13	19°39	29°10	24° 5	27°17	5° 7	9°20	26° 1	20°34	19°51	10° 1	23°59	M15
T 16	4 10 28	1°40'34	9♏13	11°46	20°14	29°56	24°16	27°24	5°10	9°22	26° 1	20°35	19°48	10° 7	23°56	T 16
W17	4 14 25	2°41'32	23°46	13°19	20°51	0♒42	24°28	27°30	5°14	9°24	26° 2	20°R35	19°45	10°14	23°52	W17
T 18	4 18 21	3°42'31	8♐36	14°51	21°29	1°28	24°40	27°36	5°17	9°26	26° 2	20°35	19°42	10°21	23°49	T 18
F 19	4 22 18	4°43'31	23°36	16°24	22° 8	2°14	24°51	27°43	5°21	9°28	26° 3	20°34	19°38	10°27	23°45	F 19
S 20	4 26 14	5°44'32	8♑36	17°56	22°48	3° 0	25° 2	27°49	5°24	9°30	26° 3	20°32	19°35	10°34	23°41	S 20
S 21	4 30 11	6°45'34	23°29	19°29	23°29	3°46	25°14	27°55	5°27	9°32	26° 4	20°30	19°32	10°41	23°38	S 21
M22	4 34 7	7°46'36	8♒ 7	21° 1	24°12	4°32	25°25	28° 1	5°31	9°34	26° 4	20°28	19°29	10°47	23°34	M22
T 23	4 38 4	8°47'39	22°24	22°33	24°56	5°18	25°36	28° 7	5°34	9°36	26° 5	20°26	19°26	10°54	23°30	T 23
W24	4 42 0	9°48'42	6♓20	24° 4	25°40	6° 4	25°47	28°13	5°37	9°38	26° 5	20°D25	19°23	11° 1	23°27	W24
T 25	4 45 57	10°49'46	19°54	25°35	26°26	6°50	25°58	28°19	5°40	9°40	26° 6	20°26	19°19	11° 7	23°23	T 25
F 26	4 49 54	11°50'50	3♈ 6	27° 6	27°13	7°36	26° 9	28°25	5°44	9°42	26° 6	20°27	19°16	11°14	23°19	F 26
S 27	4 53 50	12°51'55	16° 0	28°36	28° 0	8°22	26°20	28°31	5°47	9°44	26° 7	20°28	19°13	11°21	23°15	S 27
S 28	4 57 47	13°53'00	28°38	0♑ 6	28°49	9° 8	26°31	28°37	5°50	9°46	26° 8	20°30	19°10	11°28	23°11	S 28
M29	5 1 43	14°54'05	11♉ 3	1°35	29°38	9°54	26°42	28°42	5°53	9°48	26° 8	20°31	19° 7	11°34	23° 8	M29
T 30	5 5 40	15♐55'11	23♉17	3♑ 3	0♏28	10♒41	26♎53	28♎48	5♏56	9♏50	26♒ 9	20°R31	19♏ 4	11♋41	23♊ 4	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	16s50	13n44	1n42	17s49	0s29	6s48	1s10	23s51	1s37	7s17	1n 7	7s51	2n17	12s35	0n26	12s49	1n46	24s47	12s41	17s57	17s58	19n27	17n37	5s49
T 2	17 7	16 45	0 35	18 21	0 35	6 39	0 57	23 44	1 37	7 21	1 8	7 54	2 17	12 36	0 26	12 49	1 46	24 47	12 40	17 57	17 57	19 26	17 36	5 49
W 3	17 24	18 56	0s34	18 53	0 41	6 32	0 44	23 37	1 36	7 26	1 8	7 56	2 17	12 37	0 26	12 50	1 46	24 46	12 40	17 57	17 56	19 25	17 36	5 50
T 4	17 40	20 12	1 40	19 23	0 48	6 26	0 32	23 29	1 36	7 30	1 8	7 58	2 17	12 38	0 26	12 51	1 46	24 46	12 40	17 57	17 55	19 24	17 35	5 50
F 5	17 57	20 32	2 40	19 53	0 54	6 22	0 21	23 21	1 35	7 35	1 8	8 1	2 17	12 40	0 26	12 52	1 46	24 46	12 40	17 57	17 55	19 23	17 35	5 51
S 6	18 13	19 57	3 33	20 21	1 0	6 18	0 9	23 13	1 34	7 39	1 8	8 3	2 17	12 41	0 26	12 52	1 46	24 45	12 39	17 57	17 54	19 22	17 34	5 51
S 7	18 29	18 28	4 17	20 48	1 6	6 16	0n 2	23 5	1 34	7 44	1 8	8 6	2 18	12 42	0 26	12 53	1 46	24 45	12 39	17 57	17 53	19 21	17 33	5 51
M 8	18 44	16 13	4 50	21 15	1 12	6 14	0 13	22 57	1 33	7 48	1 8	8 8	2 18	12 43	0 26	12 54	1 46	24 45	12 39	17 57	17 52	19 20	17 33	5 52
T 9	18 59	13 16	5 10	21 40	1 17	6 14	0 23	22 48	1 32	7 53	1 8	8 10	2 18	12 44	0 26	12 54	1 46	24 45	12 39	17 57	17 51	19 19	17 32	5 52
W10	19 14	9 45	5 18	22 5	1 23	6 14	0 33	22 39	1 32	7 57	1 8	8 12	2 18	12 46	0 26	12 55	1 46	24 44	12 38	17 57	17 50	19 18	17 32	5 52
T 11	19 28	5 46	5 11	22 28	1 28	6 16	0 43	22 30	1 31	8 2	1 8	8 15	2 18	12 47	0 26	12 56	1 46	24 44	12 38	17 57	17 49	19 16	17 32	5 53
F 12	19 42	1 27	4 49	22 50	1 33	6 18	0 52	22 20	1 30	8 6	1 8	8 17	2 18	12 48	0 26	12 56	1 46	24 43	12 38	17 57	17 49	19 15	17 31	5 53
S 13	19 56	3s 3	4 12	23 11	1 38	6 21	1 1	22 10	1 30	8 10	1 8	8 19	2 18	12 49	0 26	12 57	1 46	24 43	12 37	17 57	17 48	19 14	17 31	5 54
S 14	20 9	7 34	3 21	23 31	1 42	6 26	1 10	22 0	1 29	8 15	1 8	8 21	2 18	12 50	0 26	12 58	1 46	24 43	12 37	17 57	17 47	19 13	17 30	5 54
M15	20 22	11 51	2 17	23 50	1 47	6 31	1 18	21 50	1 28	8 19	1 8	8 24	2 18	12 52	0 26	12 58	1 46	24 42	12 37	17 58	17 46	19 12	17 30	5 54
T 16	20 34	15 37	1 3	24 7	1 51	6 37	1 26	21 40	1 28	8 23	1 9	8 26	2 18	12 53	0 26	12 59	1 46	24 42	12 37	17 58	17 45	19 11	17 29	5 54
W17	20 47	18 30	0n18	24 23	1 55	6 43	1 34	21 29	1 27	8 27	1 9	8 28	2 19	12 54	0 26	13 0	1 47	24 42	12 36	17 58	17 44	19 10	17 29	5 55
T 18	20 58	20 12	1 38	24 38	1 59	6 50	1 41	21 18	1 26	8 31	1 9	8 30	2 19	12 55	0 26	13 0	1 47	24 41	12 36	17 58	17 43	19 9	17 28	5 55
F 19	21 10	20 30	2 53	24 51	2 2	6 59	1 48	21 7	1 25	8 35	1 9	8 32	2 19	12 56	0 26	13 1	1 47	24 41	12 36	17 57	17 43	19 8	17 28	5 55
S 20	21 21	19 20	3 56	25 3	2 5	7 7	1 55	20 56	1 25	8 40	1 9	8 34	2 19	12 57	0 26	13 2	1 47	24 40	12 36	17 57	17 42	19 7	17 27	5 56
S 21	21 31	16 51	4 42	25 14	2 8	7 17	2 1	20 45	1 24	8 44	1 9	8 36	2 19	12 58	0 26	13 2	1 47	24 40	12 35	17 56	17 41	19 6	17 27	5 56
M22	21 41	13 20	5 9	25 23	2 10	7 27	2 7	20 33	1 23	8 48	1 9	8 38	2 19	13 0	0 26	13 3	1 47	24 40	12 35	17 56	17 40	19 5	17 27	5 56
T 23	21 51	9 7	5 16	25 31	2 12	7 37	2 13	20 21	1 23	8 52	1 9	8 41	2 19	13 1	0 26	13 3	1 47	24 39	12 35	17 55	17 39	19 4	17 26	5 56
W24	22 0	4 31	5 4	25 38	2 14	7 48	2 19	20 9	1 22	8 56	1 9	8 43	2 20	13 2	0 26	13 4	1 47	24 39	12 35	17 55	17 38	19 3	17 26	5 57
T 25	22 9	0n12	4 35	25 43	2 15	8 0	2 24	19 56	1 21	9 0	1 9	8 45	2 20	13 3	0 26	13 5	1 47	24 38	12 34	17 55	17 37	19 2	17 25	5 57
F 26	22 17	4 48	3 53	25 46	2 16	8 12	2 29	19 44	1 20	9 3	1 9	8 46	2 20	13 4	0 26	13 5	1 47	24 38	12 34	17 56	17 36	19 0	17 25	5 57
S 27	22 25	9 4	2 59	25 48	2 16	8 25	2 34	19 31	1 20	9 7	1 10	8 48	2 20	13 5	0 26	13 6	1 47	24 37	12 34	17 56	17 36	18 59	17 25	5 57
S 28	22 33	12 52	1 58	25 48	2 16	8 38	2 38	19 18	1 19	9 11	1 10	8 50	2 20	13 6	0 26	13 6	1 47	24 37	12 33	17 56	17 35	18 58	17 24	5 57
M29	22 40	16 1	0 52	25 47	2 16	8 51	2 42	19 5	1 18	9 15	1 10	8 52	2 20	13 7	0 27	13 7	1 47	24 36	12 33	17 57	17 34	18 57	17 24	5 58
T 30	22s47	18n25	0s15	25s44	2s14	9s 5	2n46	18s52	1s17	9s19	1n10	8s54	2n20	13s 8	0n27	13s 8	1n47	24s36	12s33	17s57	17s33	18n56	17n23	5s58

Julian Day Number = 2198013.5, Delta T = 10m15s
Ecliptic obliquity = 23°31'40, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°03'32, Lahiri = 14°10'32 Julian Calendar 1 Nov. 1305 == Greg. Calendar 9 Nov. 1305

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ASTRODIENST EPHEMERIS for the year 1305
geocentric

DECEMBER 1305 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	5 9 36	16♐56'18	5♊23	4♑29	1♏19	11♒27	27♎ 3	28♎54	5♏59	9♏52	26♒10	20°R30	19♏ 0	11♋48	23°R 0	W 1
T 2	5 13 33	17°57'25	17°23	5°55	2°11	12°13	27°14	28°59	6° 2	9°54	26°11	20♏28	18°57	11°54	22♊56	T 2
F 3	5 17 29	18°58'32	29°18	7°19	3° 4	12°59	27°24	29° 5	6° 5	9°56	26°11	20°24	18°54	12° 1	22°52	F 3
S 4	5 21 26	19°59'40	11♋ 9	8°41	3°57	13°45	27°34	29°10	6° 8	9°58	26°12	20°19	18°51	12° 8	22°48	S 4
S 5	5 25 23	21° 0'48	23° 0	10° 0	4°51	14°31	27°44	29°16	6°11	9°59	26°13	20°13	18°48	12°14	22°44	S 5
M 6	5 29 19	22° 1'57	4♌51	11°17	5°46	15°17	27°54	29°21	6°14	10° 1	26°14	20° 7	18°44	12°21	22°40	M 6
T 7	5 33 16	23° 3'07	16°47	12°31	6°41	16° 4	28° 4	29°26	6°17	10° 3	26°15	20° 2	18°41	12°28	22°36	T 7
W 8	5 37 12	24° 4'17	28°49	13°41	7°37	16°50	28°14	29°31	6°20	10° 5	26°16	19°58	18°38	12°35	22°32	W 8
T 9	5 41 9	25° 5'27	11♍ 1	14°47	8°33	17°36	28°24	29°36	6°23	10° 6	26°17	19°55	18°35	12°41	22°28	T 9
F 10	5 45 5	26° 6'38	23°28	15°49	9°30	18°22	28°34	29°41	6°26	10° 8	26°17	19°D54	18°32	12°48	22°24	F 10
S 11	5 49 2	27° 7'49	6♎15	16°44	10°28	19° 8	28°43	29°46	6°28	10°10	26°18	19°54	18°29	12°55	22°21	S 11
S 12	5 52 58	28° 9'01	19°24	17°33	11°26	19°54	28°53	29°51	6°31	10°11	26°19	19°55	18°25	13° 1	22°17	S 12
M13	5 56 55	29°10'13	3♏ 0	18°15	12°25	20°40	29° 2	29°56	6°34	10°13	26°20	19°57	18°22	13° 8	22°13	M13
T 14	6 0 52	0♑11'26	17° 4	18°48	13°24	21°26	29°12	0♏ 1	6°36	10°15	26°21	19°R58	18°19	13°15	22° 9	T 14
W15	6 4 48	1°12'39	1♐35	19°12	14°23	22°13	29°21	0° 5	6°39	10°16	26°22	19°57	18°16	13°21	22° 5	W15
T 16	6 8 45	2°13'52	16°30	19°27	15°23	22°59	29°30	0°10	6°41	10°18	26°23	19°55	18°13	13°28	22° 1	T 16
F 17	6 12 41	3°15'05	1♑41	19°R30	16°24	23°45	29°39	0°15	6°44	10°19	26°25	19°50	18°10	13°35	21°57	F 17
S 18	6 16 38	4°16'19	16°59	19°22	17°25	24°31	29°47	0°19	6°46	10°21	26°26	19°44	18° 6	13°41	21°53	S 18
S 19	6 20 34	5°17'31	2♒13	19° 2	18°26	25°17	29°56	0°23	6°49	10°22	26°27	19°37	18° 3	13°48	21°50	S 19
M20	6 24 31	6°18'44	17°12	18°31	19°28	26° 3	0♏ 5	0°28	6°51	10°24	26°28	19°29	18° 0	13°55	21°46	M20
T 21	6 28 28	7°19'56	1♓48	17°48	20°30	26°49	0°13	0°32	6°53	10°25	26°29	19°23	17°57	14° 2	21°42	T 21
W22	6 32 24	8°21'07	15°57	16°54	21°32	27°35	0°21	0°36	6°56	10°27	26°30	19°19	17°54	14° 8	21°38	W22
T 23	6 36 21	9°22'18	29°37	15°51	22°35	28°21	0°30	0°40	6°58	10°28	26°31	19°16	17°50	14°15	21°35	T 23
F 24	6 40 17	10°23'28	12♈49	14°40	23°38	29° 7	0°38	0°44	7° 0	10°30	26°33	19°D16	17°47	14°22	21°31	F 24
S 25	6 44 14	11°24'38	25°38	13°24	24°41	29°53	0°46	0°48	7° 2	10°31	26°34	19°17	17°44	14°28	21°27	S 25
S 26	6 48 10	12°25'47	8♉ 8	12° 5	25°45	0♓39	0°53	0°51	7° 4	10°32	26°35	19°18	17°41	14°35	21°24	S 26
M27	6 52 7	13°26'55	20°22	10°46	26°49	1°25	1° 1	0°55	7° 6	10°33	26°36	19°R18	17°38	14°42	21°20	M27
T 28	6 56 3	14°28'03	2♊25	9°29	27°53	2°11	1° 9	0°59	7° 8	10°35	26°38	19°17	17°35	14°48	21°17	T 28
W29	7 0 0	15°29'10	14°21	8°16	28°58	2°57	1°16	1° 2	7°10	10°36	26°39	19°14	17°31	14°55	21°13	W29
T 30	7 3 57	16°30'16	26°14	7° 9	0♐ 3	3°43	1°23	1° 6	7°12	10°37	26°40	19° 8	17°28	15° 2	21°10	T 30
F 31	7 7 53	17♑31'22	8♋ 5	6♑10	1♐ 8	4♓29	1♏30	1♏ 9	7♏14	10♏38	26♒42	18♏59	17♏25	15♋ 9	21♊ 6	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	22s53	19n57	1s21	25s39	2s12	9s19	2n50	18s38	1s17	9s22	1n10	8s56	2n21	13s 9	0n27	13s 8	1n47	24s35	12s33	17s57	17s32	18n55	17n23	5s58
T 2	22 59	20 34	2 22	25 33	2 10	9 34	2 53	18 25	1 16	9 26	1 10	8 58	2 21	13 10	0 27	13 9	1 47	24 35	12 32	17 56	17 31	18 54	17 23	5 58
F 3	23 4	20 15	3 17	25 26	2 7	9 49	2 57	18 11	1 15	9 30	1 10	8 59	2 21	13 11	0 27	13 9	1 47	24 34	12 32	17 55	17 30	18 53	17 22	5 58
S 4	23 9	19 2	4 2	25 17	2 2	10 4	3 0	17 57	1 14	9 33	1 10	9 1	2 21	13 12	0 27	13 10	1 47	24 34	12 32	17 53	17 30	18 52	17 22	5 58
S 5	23 13	17 0	4 38	25 6	1 58	10 19	3 2	17 42	1 13	9 37	1 11	9 3	2 21	13 13	0 27	13 10	1 47	24 33	12 32	17 52	17 29	18 50	17 22	5 59
M 6	23 17	14 15	5 1	24 54	1 52	10 35	3 5	17 28	1 13	9 40	1 11	9 5	2 21	13 14	0 27	13 11	1 47	24 33	12 31	17 50	17 28	18 49	17 21	5 59
T 7	23 21	10 55	5 11	24 41	1 45	10 51	3 7	17 13	1 12	9 44	1 11	9 6	2 22	13 15	0 27	13 11	1 47	24 32	12 31	17 49	17 27	18 48	17 21	5 59
W 8	23 24	7 7	5 8	24 27	1 38	11 7	3 9	16 59	1 11	9 47	1 11	9 8	2 22	13 16	0 27	13 12	1 47	24 32	12 31	17 48	17 26	18 47	17 21	5 59
T 9	23 26	2 58	4 51	24 11	1 29	11 23	3 11	16 44	1 10	9 50	1 11	9 10	2 22	13 17	0 27	13 12	1 47	24 31	12 31	17 47	17 25	18 46	17 20	5 59
F 10	23 28	1s23	4 20	23 54	1 20	11 39	3 13	16 29	1 10	9 54	1 11	9 11	2 22	13 18	0 27	13 13	1 47	24 31	12 31	17 47	17 24	18 45	17 20	5 59
S 11	23 30	5 47	3 36	23 37	1 9	11 56	3 15	16 14	1 9	9 57	1 11	9 13	2 22	13 18	0 27	13 13	1 47	24 30	12 30	17 47	17 23	18 44	17 20	5 59
S 12	23 31	10 4	2 39	23 19	0 57	12 13	3 16	15 58	1 8	10 0	1 11	9 14	2 22	13 19	0 27	13 14	1 47	24 30	12 30	17 47	17 22	18 43	17 20	5 59
M13	23 31	13 59	1 31	23 0	0 44	12 29	3 17	15 43	1 7	10 3	1 12	9 16	2 23	13 20	0 27	13 14	1 47	24 29	12 30	17 48	17 22	18 41	17 19	5 59
T 14	23 32	17 15	0 16	22 41	0 29	12 46	3 18	15 27	1 6	10 7	1 12	9 17	2 23	13 21	0 27	13 15	1 47	24 28	12 30	17 48	17 21	18 40	17 19	5 59
W15	23 31	19 32	1n 3	22 23	0 14	13 3	3 19	15 11	1 6	10 10	1 12	9 19	2 23	13 22	0 27	13 15	1 47	24 28	12 29	17 48	17 20	18 39	17 19	5 59
T 16	23 31	20 32	2 19	22 4	0n 3	13 20	3 19	14 56	1 5	10 13	1 12	9 20	2 23	13 23	0 27	13 16	1 48	24 27	12 29	17 47	17 19	18 38	17 19	5 59
F 17	23 29	20 4	3 27	21 46	0 20	13 37	3 20	14 40	1 4	10 16	1 12	9 22	2 23	13 24	0 27	13 16	1 48	24 27	12 29	17 46	17 18	18 37	17 18	5 59
S 18	23 27	18 9	4 20	21 29	0 38	13 53	3 20	14 23	1 3	10 19	1 12	9 23	2 24	13 24	0 27	13 17	1 48	24 26	12 29	17 44	17 17	18 36	17 18	5 59
S 19	23 25	14 57	4 54	21 13	0 57	14 10	3 20	14 7	1 2	10 22	1 13	9 24	2 24	13 25	0 27	13 17	1 48	24 26	12 29	17 42	17 16	18 34	17 18	5 59
M20	23 23	10 51	5 8	20 58	1 17	14 27	3 20	13 51	1 2	10 24	1 13	9 26	2 24	13 26	0 27	13 17	1 48	24 25	12 28	17 40	17 15	18 33	17 18	5 59
T 21	23 19	6 11	5 1	20 45	1 36	14 44	3 20	13 34	1 1	10 27	1 13	9 27	2 24	13 27	0 27	13 18	1 48	24 24	12 28	17 38	17 15	18 32	17 18	5 59
W22	23 16	1 20	4 36	20 33	1 55	15 0	3 19	13 17	1 0	10 30	1 13	9 28	2 24	13 27	0 27	13 18	1 48	24 24	12 28	17 37	17 14	18 31	17 17	5 59
T 23	23 12	3n27	3 55	20 23	2 13	15 17	3 19	13 1	0 59	10 33	1 13	9 29	2 25	13 28	0 27	13 19	1 48	24 23	12 28	17 37	17 13	18 30	17 17	5 59
F 24	23 7	7 54	3 4	20 14	2 30	15 33	3 18	12 44	0 58	10 35	1 13	9 30	2 25	13 29	0 27	13 19	1 48	24 23	12 28	17 36	17 12	18 29	17 17	5 59
S 25	23 2	11 52	2 4	20 7	2 45	15 49	3 17	12 27	0 57	10 38	1 13	9 32	2 25	13 29	0 27	13 19	1 48	24 22	12 27	17 37	17 11	18 27	17 17	5 59
S 26	22 57	15 13	1 0	20 1	2 58	16 5	3 16	12 10	0 57	10 41	1 14	9 33	2 25	13 30	0 27	13 20	1 48	24 21	12 27	17 37	17 10	18 26	17 17	5 59
M27	22 51	17 49	0s 6	19 57	3 9	16 21	3 15	11 53	0 56	10 43	1 14	9 34	2 26	13 31	0 27	13 20	1 48	24 21	12 27	17 37	17 9	18 25	17 17	5 59
T 28	22 44	19 35	1 10	19 55	3 17	16 37	3 14	11 35	0 55	10 46	1 14	9 35	2 26	13 31	0 27	13 20	1 48	24 20	12 27	17 37	17 8	18 24	17 17	5 59
W29	22 37	20 27	2 10	19 54	3 23	16 52	3 13	11 18	0 54	10 48	1 14	9 36	2 26	13 32	0 27	13 21	1 48	24 19	12 27	17 36	17 7	18 23	17 16	5 58
T 30	22 30	20 24	3 4	19 54	3 26	17 7	3 11	11 1	0 53	10 50	1 14	9 37	2 26	13 33	0 27	13 21	1 48	24 19	12 27	17 34	17 6	18 21	17 16	5 58
F 31	22s22	19n27	3s50	19s56	3n27	17s22	3n10	10s43	0s53	10s53	1n15	9s38	2n26	13s33	0n27	13s21	1n48	24s18	12s26	17s32	17s 6	18n20	17n16	5s58

Julian Day Number = 2198043.5, Delta T = 10m15s
Ecliptic obliquity = 23°31'39, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°03'36, Lahiri = 14°10'36 Julian Calendar 1 Dec. 1305 == Greg. Calendar 9 Dec. 1305

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ASTRODIENST EPHEMERIS for the year 1306
geocentric

JANUARY 1306 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	7 11 50	18♉32'27	19♋56	5°R19	2♐13	5♓15	1♏37	1♏12	7♏16	10♏39	26♒43	18°R49	17♏22	15♋15	21°R 3	S 1
S 2	7 15 46	19°33'31	1♌49	4♉37	3°19	6° 1	1°44	1°15	7°17	10°40	26°44	18♏36	17°19	15°22	21♊ 0	S 2
M 3	7 19 43	20°34'35	13°45	4° 5	4°25	6°47	1°51	1°18	7°19	10°41	26°46	18°24	17°16	15°29	20°56	M 3
T 4	7 23 39	21°35'38	25°46	3°42	5°31	7°33	1°57	1°21	7°21	10°42	26°47	18°12	17°12	15°35	20°53	T 4
W 5	7 27 36	22°36'40	7♍53	3°28	6°37	8°18	2° 4	1°24	7°22	10°43	26°49	18° 2	17° 9	15°42	20°50	W 5
T 6	7 31 32	23°37'42	20° 9	3°D23	7°44	9° 4	2°10	1°27	7°24	10°44	26°50	17°54	17° 6	15°49	20°47	T 6
F 7	7 35 29	24°38'43	2♎37	3°25	8°51	9°50	2°16	1°29	7°25	10°45	26°51	17°49	17° 3	15°56	20°44	F 7
S 8	7 39 26	25°39'44	15°20	3°36	9°58	10°36	2°22	1°32	7°27	10°46	26°53	17°47	17° 0	16° 2	20°41	S 8
S 9	7 43 22	26°40'44	28°22	3°53	11° 5	11°21	2°28	1°34	7°28	10°47	26°54	17°D46	16°56	16° 9	20°38	S 9
M10	7 47 19	27°41'43	11♏47	4°17	12°12	12° 7	2°33	1°37	7°30	10°48	26°56	17°R47	16°53	16°16	20°35	M10
T 11	7 51 15	28°42'41	25°37	4°47	13°20	12°52	2°39	1°39	7°31	10°49	26°57	17°47	16°50	16°22	20°32	T 11
W12	7 55 12	29°43'39	9♐54	5°22	14°27	13°38	2°44	1°41	7°32	10°50	26°59	17°45	16°47	16°29	20°29	W12
T 13	7 59 8	0♒44'37	24°37	6° 1	15°35	14°24	2°49	1°43	7°33	10°50	27° 0	17°41	16°44	16°36	20°27	T 13
F 14	8 3 5	1°45'33	9♑41	6°46	16°43	15° 9	2°54	1°45	7°34	10°51	27° 2	17°34	16°41	16°42	20°24	F 14
S 15	8 7 1	2°46'28	24°57	7°34	17°52	15°55	2°59	1°47	7°35	10°52	27° 3	17°24	16°37	16°49	20°22	S 15
S 16	8 10 58	3°47'23	10♒14	8°26	19° 0	16°40	3° 4	1°49	7°37	10°52	27° 5	17°13	16°34	16°56	20°19	S 16
M17	8 14 55	4°48'16	25°22	9°21	20° 8	17°26	3° 8	1°51	7°37	10°53	27° 6	17° 1	16°31	17° 3	20°17	M17
T 18	8 18 51	5°49'07	10♓10	10°20	21°17	18°11	3°13	1°52	7°38	10°53	27° 8	16°51	16°28	17° 9	20°14	T 18
W19	8 22 48	6°49'57	24°31	11°21	22°26	18°57	3°17	1°54	7°39	10°54	27°10	16°43	16°25	17°16	20°12	W19
T 20	8 26 44	7°50'46	8♈21	12°25	23°35	19°42	3°21	1°55	7°40	10°55	27°11	16°37	16°22	17°23	20°10	T 20
F 21	8 30 41	8°51'33	21°42	13°31	24°44	20°27	3°25	1°56	7°41	10°55	27°13	16°35	16°18	17°29	20° 8	F 21
S 22	8 34 37	9°52'18	4♉35	14°39	25°53	21°13	3°28	1°58	7°41	10°55	27°14	16°34	16°15	17°36	20° 6	S 22
S 23	8 38 34	10°53'02	17° 5	15°49	27° 2	21°58	3°32	1°59	7°42	10°56	27°16	16°34	16°12	17°43	20° 4	S 23
M24	8 42 30	11°53'44	29°18	17° 1	28°11	22°43	3°35	2° 0	7°43	10°56	27°17	16°33	16° 9	17°50	20° 2	M24
T 25	8 46 27	12°54'25	11♊18	18°15	29°21	23°28	3°38	2° 0	7°43	10°57	27°19	16°31	16° 6	17°56	20° 0	T 25
W26	8 50 24	13°55'04	23°11	19°31	0♑31	24°13	3°41	2° 1	7°44	10°57	27°21	16°27	16° 2	18° 3	19°58	W26
T 27	8 54 20	14°55'41	5♋ 0	20°48	1°40	24°59	3°44	2° 2	7°44	10°57	27°22	16°20	15°59	18°10	19°56	T 27
F 28	8 58 17	15°56'17	16°50	22° 6	2°50	25°44	3°46	2° 2	7°44	10°57	27°24	16° 9	15°56	18°16	19°55	F 28
S 29	9 2 13	16°56'51	28°42	23°26	4° 0	26°29	3°49	2° 3	7°45	10°58	27°26	15°57	15°53	18°23	19°53	S 29
S 30	9 6 10	17°57'23	10♌40	24°47	5°10	27°14	3°51	2° 3	7°45	10°58	27°27	15°42	15°50	18°30	19°52	S 30
M31	9 10 6	18♒57'53	22♌44	26♑10	6♑20	27♓59	3♏53	2♏ 3	7♏45	10♏58	27♒29	15♏28	15♏47	18♋36	19♊50	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	22s14	17n39	4s26	20s 0	3n26	17s37	3n 8	10s25	0s52	10s55	1n15	9s39	2n27	13s34	0n27	13s22	1n48	24s18	12s26	17s29	17s 5	18n19	17n16	5s58	S 1
S 2	22 6	15 7	4 50	20 4	3 23	17 51	3 6	10 8	0 51	10 57	1 15	9 39	2 27	13 34	0 27	13 22	1 48	24 17	12 26	17 26	17 4	18 18	17 16	5 58	S 2
M 3	21 57	11 56	5 2	20 10	3 18	18 5	3 4	9 50	0 50	10 59	1 15	9 40	2 27	13 35	0 27	13 22	1 48	24 16	12 26	17 22	17 3	18 17	17 16	5 58	M 3
T 4	21 47	8 16	5 0	20 17	3 12	18 19	3 2	9 32	0 49	11 1	1 15	9 41	2 27	13 35	0 27	13 22	1 49	24 16	12 26	17 19	17 2	18 15	17 16	5 58	T 4
W 5	21 37	4 14	4 45	20 24	3 5	18 32	3 0	9 14	0 48	11 3	1 15	9 42	2 28	13 36	0 27	13 23	1 49	24 15	12 26	17 16	17 1	18 14	17 16	5 57	W 5
T 6	21 27	0s 1	4 17	20 33	2 57	18 45	2 58	8 56	0 48	11 5	1 16	9 43	2 28	13 36	0 27	13 23	1 49	24 14	12 26	17 14	17 0	18 13	17 16	5 57	T 6
F 7	21 16	4 21	3 36	20 41	2 48	18 58	2 55	8 38	0 47	11 7	1 16	9 43	2 28	13 37	0 27	13 23	1 49	24 14	12 26	17 12	16 59	18 12	17 16	5 57	F 7
S 8	21 5	8 34	2 43	20 51	2 38	19 10	2 53	8 20	0 46	11 9	1 16	9 44	2 28	13 37	0 27	13 23	1 49	24 13	12 25	17 12	16 58	18 11	17 16	5 57	S 8
S 9	20 54	12 31	1 41	21 0	2 28	19 22	2 51	8 2	0 45	11 11	1 16	9 45	2 29	13 38	0 27	13 24	1 49	24 13	12 25	17 12	16 57	18 9	17 16	5 57	S 9
M10	20 42	15 56	0 32	21 10	2 18	19 34	2 48	7 44	0 44	11 13	1 16	9 45	2 29	13 38	0 27	13 24	1 49	24 12	12 25	17 12	16 57	18 8	17 16	5 56	M10
T 11	20 30	18 34	0n42	21 19	2 7	19 45	2 45	7 25	0 44	11 14	1 17	9 46	2 29	13 39	0 27	13 24	1 49	24 11	12 25	17 12	16 56	18 7	17 16	5 56	T 11
W12	20 17	20 8	1 55	21 28	1 57	19 56	2 42	7 7	0 43	11 16	1 17	9 46	2 29	13 39	0 27	13 24	1 49	24 11	12 25	17 11	16 55	18 6	17 16	5 56	W12
T 13	20 4	20 23	3 2	21 37	1 46	20 6	2 40	6 49	0 42	11 18	1 17	9 47	2 30	13 39	0 27	13 24	1 49	24 10	12 25	17 10	16 54	18 4	17 16	5 56	T 13
F 14	19 50	19 13	3 58	21 46	1 36	20 16	2 37	6 30	0 41	11 19	1 17	9 47	2 30	13 40	0 27	13 24	1 49	24 9	12 25	17 8	16 53	18 3	17 16	5 55	F 14
S 15	19 37	16 39	4 39	21 54	1 25	20 25	2 34	6 12	0 40	11 20	1 17	9 48	2 30	13 40	0 27	13 25	1 49	24 9	12 25	17 5	16 52	18 2	17 16	5 55	S 15
S 16	19 23	12 57	4 59	22 1	1 15	20 34	2 31	5 53	0 39	11 22	1 18	9 48	2 30	13 40	0 27	13 25	1 49	24 8	12 25	17 2	16 51	18 1	17 16	5 55	S 16
M17	19 8	8 26	4 58	22 8	1 4	20 42	2 27	5 35	0 39	11 23	1 18	9 48	2 31	13 41	0 27	13 25	1 49	24 8	12 25	16 59	16 50	17 59	17 16	5 55	M17
T 18	18 53	3 31	4 37	22 14	0 54	20 50	2 24	5 16	0 38	11 25	1 18	9 49	2 31	13 41	0 27	13 25	1 49	24 7	12 24	16 56	16 49	17 58	17 17	5 54	T 18
W19	18 38	1n28	3 59	22 19	0 44	20 58	2 21	4 57	0 37	11 26	1 18	9 49	2 31	13 41	0 27	13 25	1 49	24 6	12 24	16 54	16 48	17 57	17 17	5 54	W19
T 20	18 22	6 12	3 7	22 23	0 34	21 5	2 18	4 39	0 36	11 27	1 18	9 49	2 31	13 41	0 27	13 25	1 49	24 6	12 24	16 52	16 47	17 56	17 17	5 54	T 20
F 21	18 7	10 27	2 8	22 26	0 24	21 11	2 14	4 20	0 35	11 28	1 19	9 49	2 32	13 42	0 27	13 25	1 50	24 5	12 24	16 51	16 47	17 54	17 17	5 54	F 21
S 22	17 50	14 5	1 3	22 28	0 15	21 17	2 11	4 2	0 35	11 29	1 19	9 49	2 32	13 42	0 27	13 25	1 50	24 4	12 24	16 51	16 46	17 53	17 17	5 53	S 22
S 23	17 34	16 57	0s 3	22 30	0 6	21 22	2 8	3 43	0 34	11 30	1 19	9 50	2 32	13 42	0 27	13 25	1 50	24 4	12 24	16 51	16 45	17 52	17 17	5 53	S 23
M24	17 17	18 59	1 7	22 30	0s 3	21 27	2 4	3 24	0 33	11 31	1 19	9 50	2 32	13 42	0 27	13 25	1 50	24 3	12 24	16 51	16 44	17 51	17 17	5 53	M24
T 25	17 0	20 7	2 7	22 29	0 12	21 31	2 0	3 6	0 32	11 32	1 19	9 50	2 33	13 42	0 27	13 26	1 50	24 3	12 24	16 50	16 43	17 49	17 18	5 52	T 25
W26	16 43	20 21	3 1	22 27	0 21	21 35	1 57	2 47	0 31	11 33	1 20	9 50	2 33	13 43	0 27	13 26	1 50	24 2	12 24	16 49	16 42	17 48	17 18	5 52	W26
T 27	16 25	19 40	3 46	22 23	0 29	21 38	1 53	2 28	0 31	11 33	1 20	9 50	2 33	13 43	0 27	13 26	1 50	24 1	12 24	16 47	16 41	17 47	17 18	5 52	T 27
F 28	16 7	18 8	4 22	22 19	0 37	21 40	1 50	2 10	0 30	11 34	1 20	9 50	2 33	13 43	0 27	13 26	1 50	24 1	12 24	16 44	16 40	17 45	17 18	5 51	F 28
S 29	15 49	15 49	4 46	22 13	0 45	21 42	1 46	1 51	0 29	11 35	1 20	9 50	2 34	13 43	0 27	13 26	1 50	24 0	12 24	16 40	16 39	17 44	17 18	5 51	S 29
S 30	15 30	12 50	4 58	22 6	0 52	21 43	1 42	1 32	0 28	11 35	1 20	9 49	2 34	13 43	0 27	13 26	1 50	24 0	12 24	16 36	16 38	17 43	17 19	5 51	S 30
M31	15s12	9n18	4s57	21s58	0s59	21s44	1n39	1s14	0s27	11s36	1n21	9s49	2n34	13s43	0n27	13s26	1n50	23s59	12s24	16s32	16s37	17n42	17n19	5s50	M31

Julian Day Number = 2198074.5, Delta T = 10m15s
Ecliptic obliquity = 23°31'39, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°03'40, Lahiri = 14°10'41 Julian Calendar 1 Jan. 1306 == Greg. Calendar 9 Jan. 1306

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ASTRODIENST EPHEMERIS for the year 1306
geocentric

FEBRUARY 1306 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 14 3	19♒58'22	4♍55	27♉33	7♉30	28♓44	3♏55	2♏ 4	7♏45	10♏58	27♒30	15°R13	15♏43	18♋43	19°R49	T 1
W 2	9 17 59	20°58'50	17°14	28°58	8°40	29°28	3°56	2°R 4	7°45	10°58	27°32	15♏ 1	15°40	18°50	19♊48	W 2
T 3	9 21 56	21°59'16	29°41	0♒24	9°51	0♈13	3°58	2° 3	7°R45	10°R58	27°34	14°52	15°37	18°57	19°47	T 3
F 4	9 25 53	22°59'40	12♎19	1°52	11° 1	0°58	3°59	2° 3	7°45	10°58	27°35	14°45	15°34	19° 3	19°46	F 4
S 5	9 29 49	24° 0'03	25° 9	3°20	12°12	1°43	4° 0	2° 3	7°45	10°58	27°37	14°42	15°31	19°10	19°45	S 5
S 6	9 33 46	25° 0'24	8♏14	4°49	13°22	2°28	4° 1	2° 3	7°45	10°58	27°39	14°41	15°27	19°17	19°44	S 6
M 7	9 37 42	26° 0'45	21°36	6°20	14°33	3°12	4° 2	2° 2	7°45	10°58	27°40	14°40	15°24	19°23	19°43	M 7
T 8	9 41 39	27° 1'03	5♐18	7°51	15°44	3°57	4° 2	2° 2	7°45	10°58	27°42	14°40	15°21	19°30	19°42	T 8
W 9	9 45 35	28° 1'21	19°21	9°24	16°55	4°42	4° 2	2° 1	7°45	10°57	27°44	14°39	15°18	19°37	19°42	W 9
T 10	9 49 32	29° 1'36	3♑46	10°57	18° 6	5°26	4°R 3	2° 0	7°44	10°57	27°45	14°35	15°15	19°44	19°41	T 10
F 11	9 53 28	0♓ 1'51	18°29	12°32	19°17	6°11	4° 2	1°59	7°44	10°57	27°47	14°28	15°12	19°50	19°41	F 11
S 12	9 57 25	1° 2'03	3♒25	14° 8	20°28	6°55	4° 2	1°58	7°43	10°57	27°49	14°19	15° 8	19°57	19°41	S 12
S 13	10 1 22	2° 2'14	18°27	15°44	21°39	7°40	4° 2	1°57	7°43	10°56	27°50	14° 9	15° 5	20° 4	19°40	S 13
M14	10 5 18	3° 2'23	3♓24	17°22	22°50	8°24	4° 1	1°56	7°42	10°56	27°52	13°58	15° 2	20°10	19°40	M14
T 15	10 9 15	4° 2'30	18° 6	19° 1	24° 1	9° 8	4° 0	1°55	7°42	10°56	27°54	13°48	14°59	20°17	19°40	T 15
W16	10 13 11	5° 2'35	2♈27	20°41	25°12	9°53	3°59	1°53	7°41	10°55	27°55	13°40	14°56	20°24	19°D40	W16
T 17	10 17 8	6° 2'38	16°22	22°22	26°24	10°37	3°58	1°52	7°40	10°55	27°57	13°34	14°53	20°31	19°40	T 17
F 18	10 21 4	7° 2'39	29°48	24° 4	27°35	11°21	3°57	1°50	7°39	10°54	27°59	13°31	14°49	20°37	19°40	F 18
S 19	10 25 1	8° 2'38	12♉47	25°47	28°47	12° 5	3°55	1°48	7°39	10°54	28° 0	13°D30	14°46	20°44	19°40	S 19
S 20	10 28 57	9° 2'35	25°22	27°32	29°58	12°50	3°53	1°47	7°38	10°53	28° 2	13°30	14°43	20°51	19°41	S 20
M21	10 32 54	10° 2'29	7♊39	29°17	1♒10	13°34	3°51	1°45	7°37	10°53	28° 3	13°R31	14°40	20°57	19°41	M21
T 22	10 36 50	11° 2'22	19°41	1♓ 4	2°21	14°18	3°49	1°43	7°36	10°52	28° 5	13°31	14°37	21° 4	19°42	T 22
W23	10 40 47	12° 2'12	1♋35	2°52	3°33	15° 2	3°47	1°41	7°35	10°52	28° 7	13°28	14°33	21°11	19°42	W23
T 24	10 44 44	13° 1'59	13°25	4°41	4°44	15°46	3°45	1°39	7°34	10°51	28° 8	13°24	14°30	21°17	19°43	T 24
F 25	10 48 40	14° 1'45	25°16	6°31	5°56	16°30	3°42	1°36	7°33	10°50	28°10	13°17	14°27	21°24	19°44	F 25
S 26	10 52 37	15° 1'28	7♌12	8°22	7° 8	17°14	3°39	1°34	7°32	10°50	28°11	13° 8	14°24	21°31	19°44	S 26
S 27	10 56 33	16° 1'09	19°15	10°15	8°19	17°57	3°36	1°32	7°30	10°49	28°13	12°58	14°21	21°38	19°45	S 27
M28	11 0 30	17♓ 0'48	1♍27	12♓ 8	9♒31	18♈41	3♏33	1♏29	7♏29	10♏48	28♒15	12♏47	14♏18	21♋44	19♊46	M28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	14s53	5n22	4s42	21s48	1s 6	21s44	1n35	0s55	0s27	11s36	1n21	9s49	2n34	13s43	0n27	13s26	1n50	23s58	12s24	16s28	16s36	17n40	17n19	5s50
W 2	14 33	1 10	4 14	21 37	1 12	21 44	1 31	0 36	0 26	11 36	1 21	9 49	2 35	13 43	0 27	13 26	1 50	23 58	12 24	16 24	16 36	17 39	17 19	5 50
T 3	14 14	3s 8	3 34	21 25	1 18	21 43	1 27	0 18	0 25	11 37	1 21	9 49	2 35	13 43	0 27	13 25	1 50	23 57	12 24	16 21	16 35	17 38	17 20	5 49
F 4	13 54	7 22	2 42	21 11	1 24	21 41	1 23	0n 1	0 24	11 37	1 21	9 48	2 35	13 43	0 27	13 25	1 50	23 57	12 24	16 19	16 34	17 36	17 20	5 49
S 5	13 34	11 20	1 41	20 56	1 30	21 39	1 20	0 20	0 23	11 37	1 22	9 48	2 35	13 43	0 27	13 25	1 50	23 56	12 24	16 18	16 33	17 35	17 20	5 49
S 6	13 14	14 50	0 34	20 40	1 35	21 36	1 16	0 38	0 23	11 37	1 22	9 48	2 36	13 43	0 27	13 25	1 51	23 55	12 24	16 18	16 32	17 34	17 21	5 48
M 7	12 54	17 39	0n37	20 22	1 40	21 32	1 12	0 57	0 22	11 37	1 22	9 47	2 36	13 43	0 27	13 25	1 51	23 55	12 24	16 18	16 31	17 32	17 21	5 48
T 8	12 33	19 31	1 47	20 3	1 44	21 28	1 8	1 15	0 21	11 37	1 22	9 47	2 36	13 43	0 28	13 25	1 51	23 54	12 24	16 18	16 30	17 31	17 21	5 47
W 9	12 12	20 14	2 53	19 43	1 49	21 23	1 4	1 34	0 20	11 37	1 22	9 46	2 36	13 43	0 28	13 25	1 51	23 54	12 24	16 17	16 29	17 30	17 22	5 47
T 10	11 51	19 40	3 49	19 21	1 52	21 18	1 0	1 52	0 20	11 37	1 23	9 46	2 36	13 42	0 28	13 25	1 51	23 53	12 24	16 16	16 28	17 28	17 22	5 47
F 11	11 30	17 46	4 31	18 58	1 56	21 12	0 57	2 10	0 19	11 37	1 23	9 45	2 37	13 42	0 28	13 25	1 51	23 53	12 24	16 14	16 27	17 27	17 22	5 46
S 12	11 9	14 39	4 56	18 33	1 59	21 6	0 53	2 29	0 18	11 37	1 23	9 45	2 37	13 42	0 28	13 25	1 51	23 52	12 24	16 12	16 26	17 26	17 23	5 46
S 13	10 47	10 35	5 1	18 7	2 2	20 58	0 49	2 47	0 17	11 36	1 23	9 44	2 37	13 42	0 28	13 24	1 51	23 52	12 24	16 9	16 25	17 24	17 23	5 46
M14	10 26	5 52	4 45	17 39	2 4	20 51	0 45	3 5	0 17	11 36	1 23	9 44	2 37	13 42	0 28	13 24	1 51	23 51	12 24	16 5	16 24	17 23	17 23	5 45
T 15	10 4	0 53	4 10	17 10	2 6	20 42	0 41	3 24	0 16	11 35	1 24	9 43	2 38	13 42	0 28	13 24	1 51	23 50	12 24	16 2	16 23	17 22	17 24	5 45
W16	9 42	4n 2	3 20	16 40	2 8	20 33	0 38	3 42	0 15	11 35	1 24	9 42	2 38	13 41	0 28	13 24	1 51	23 50	12 24	16 0	16 22	17 20	17 24	5 44
T 17	9 20	8 36	2 19	16 8	2 9	20 24	0 34	4 0	0 14	11 34	1 24	9 41	2 38	13 41	0 28	13 24	1 51	23 49	12 25	15 58	16 22	17 19	17 24	5 44
F 18	8 57	12 34	1 12	15 35	2 9	20 14	0 30	4 18	0 14	11 34	1 24	9 41	2 38	13 41	0 28	13 23	1 51	23 49	12 25	15 57	16 21	17 18	17 25	5 44
S 19	8 35	15 48	0 4	15 0	2 10	20 3	0 26	4 36	0 13	11 33	1 24	9 40	2 39	13 41	0 28	13 23	1 51	23 48	12 25	15 57	16 20	17 16	17 25	5 43
S 20	8 13	18 10	1s 3	14 24	2 9	19 52	0 23	4 54	0 12	11 32	1 25	9 39	2 39	13 40	0 28	13 23	1 51	23 48	12 25	15 57	16 19	17 15	17 26	5 43
M21	7 50	19 37	2 5	13 46	2 9	19 40	0 19	5 12	0 11	11 31	1 25	9 38	2 39	13 40	0 28	13 23	1 51	23 47	12 25	15 57	16 18	17 14	17 26	5 42
T 22	7 27	20 8	3 0	13 7	2 8	19 27	0 16	5 30	0 11	11 30	1 25	9 37	2 39	13 40	0 28	13 23	1 51	23 47	12 25	15 57	16 17	17 12	17 27	5 42
W23	7 4	19 44	3 47	12 27	2 6	19 14	0 12	5 47	0 10	11 29	1 25	9 37	2 39	13 39	0 28	13 22	1 52	23 46	12 25	15 56	16 16	17 11	17 27	5 42
T 24	6 41	18 28	4 24	11 45	2 4	19 1	0 8	6 5	0 9	11 28	1 25	9 36	2 40	13 39	0 28	13 22	1 52	23 46	12 25	15 55	16 15	17 10	17 27	5 41
F 25	6 18	16 25	4 50	11 2	2 2	18 47	0 5	6 23	0 8	11 27	1 26	9 35	2 40	13 38	0 28	13 22	1 52	23 45	12 25	15 53	16 14	17 8	17 28	5 41
S 26	5 55	13 40	5 3	10 17	1 58	18 32	0 1	6 40	0 8	11 26	1 26	9 34	2 40	13 38	0 28	13 22	1 52	23 45	12 25	15 50	16 13	17 7	17 28	5 40
S 27	5 32	10 19	5 2	9 32	1 55	18 17	0s 2	6 58	0 7	11 25	1 26	9 33	2 40	13 38	0 28	13 21	1 52	23 44	12 26	15 47	16 12	17 6	17 29	5 40
M28	5s 9	6n30	4s49	8s44	1s51	18s 1	0s 6	7n15	0s 6	11s24	1n26	9s32	2n40	13s37	0n28	13s21	1n52	23s44	12s26	15s44	16s11	17n 4	17n29	5s40

Julian Day Number = 2198105.5, Delta T = 10m15s
Ecliptic obliquity = 23°31'39, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°03'44, Lahiri = 14°10'45 Julian Calendar 1 Feb. 1306 == Greg. Calendar 9 Feb. 1306

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ASTRODIENST EPHEMERIS for the year 1306
geocentric

MARCH 1306 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	11 4 26	18♓ 0'24	13♍50	14♓ 3	10♒43	19♈25	3°R29	1°R26	7°R28	10°R47	28♒16	12°R36	14♏14	21♋51	19♊48	T 1
W 2	11 8 23	18°59'59	26°24	15°59	11°55	20° 9	3♏26	1♏24	7♏26	10♏46	28°18	12♏27	14°11	21°58	19°49	W 2
T 3	11 12 19	19°59'32	9♎ 9	17°56	13° 7	20°52	3°22	1°21	7°25	10°46	28°19	12°21	14° 8	22° 4	19°50	T 3
F 4	11 16 16	20°59'02	22° 6	19°55	14°19	21°36	3°18	1°18	7°24	10°45	28°21	12°16	14° 5	22°11	19°51	F 4
S 5	11 20 13	21°58'31	5♏14	21°54	15°31	22°19	3°14	1°15	7°22	10°44	28°22	12°14	14° 2	22°18	19°53	S 5
S 6	11 24 9	22°57'58	18°34	23°54	16°43	23° 3	3°10	1°12	7°21	10°43	28°24	12°D14	13°59	22°25	19°54	S 6
M 7	11 28 6	23°57'23	2♐ 6	25°55	17°55	23°46	3° 6	1° 9	7°19	10°42	28°26	12°15	13°55	22°31	19°56	M 7
T 8	11 32 2	24°56'46	15°51	27°56	19° 7	24°30	3° 1	1° 6	7°17	10°41	28°27	12°16	13°52	22°38	19°57	T 8
W 9	11 35 59	25°56'08	29°51	29°58	20°19	25°13	2°56	1° 3	7°16	10°40	28°29	12°R17	13°49	22°45	19°59	W 9
T 10	11 39 55	26°55'28	14♑ 3	2♈ 1	21°31	25°56	2°52	1° 0	7°14	10°39	28°30	12°15	13°46	22°51	20° 1	T 10
F 11	11 43 52	27°54'46	28°27	4° 3	22°43	26°40	2°47	0°56	7°12	10°38	28°32	12°12	13°43	22°58	20° 3	F 11
S 12	11 47 48	28°54'02	12♒59	6° 6	23°55	27°23	2°41	0°53	7°11	10°37	28°33	12° 7	13°39	23° 5	20° 5	S 12
S 13	11 51 45	29°53'17	27°33	8° 8	25° 8	28° 6	2°36	0°49	7° 9	10°36	28°34	12° 1	13°36	23°12	20° 7	S 13
M14	11 55 42	0♈52'29	12♓ 5	10° 9	26°20	28°49	2°31	0°46	7° 7	10°34	28°36	11°54	13°33	23°18	20° 9	M14
T 15	11 59 38	1°51'39	26°26	12°10	27°32	29°32	2°25	0°42	7° 5	10°33	28°37	11°48	13°30	23°25	20°11	T 15
W16	12 3 35	2°50'48	10♈31	14° 9	28°45	0♉15	2°19	0°38	7° 3	10°32	28°39	11°43	13°27	23°32	20°14	W16
T 17	12 7 31	3°49'54	24°15	16° 6	29°57	0°58	2°14	0°35	7° 1	10°31	28°40	11°40	13°24	23°38	20°16	T 17
F 18	12 11 28	4°48'58	7♉37	18° 1	1♓ 9	1°41	2° 8	0°31	6°59	10°30	28°42	11°D39	13°20	23°45	20°19	F 18
S 19	12 15 24	5°48'00	20°36	19°54	2°22	2°24	2° 1	0°27	6°57	10°28	28°43	11°39	13°17	23°52	20°21	S 19
S 20	12 19 21	6°47'00	3♊13	21°44	3°34	3° 7	1°55	0°23	6°55	10°27	28°44	11°40	13°14	23°59	20°24	S 20
M21	12 23 17	7°45'57	15°33	23°30	4°46	3°50	1°49	0°19	6°53	10°26	28°46	11°42	13°11	24° 5	20°26	M21
T 22	12 27 14	8°44'52	27°38	25°13	5°59	4°33	1°42	0°15	6°51	10°24	28°47	11°43	13° 8	24°12	20°29	T 22
W23	12 31 10	9°43'45	9♋35	26°52	7°11	5°15	1°36	0°11	6°49	10°23	28°48	11°R44	13° 4	24°19	20°32	W23
T 24	12 35 7	10°42'36	21°27	28°27	8°24	5°58	1°29	0° 7	6°47	10°22	28°50	11°43	13° 1	24°25	20°35	T 24
F 25	12 39 4	11°41'24	3♌20	29°58	9°36	6°41	1°23	0° 3	6°45	10°20	28°51	11°41	12°58	24°32	20°38	F 25
S 26	12 43 0	12°40'10	15°18	1♉23	10°48	7°23	1°16	29♎59	6°42	10°19	28°52	11°38	12°55	24°39	20°41	S 26
S 27	12 46 57	13°38'53	27°25	2°44	12° 1	8° 6	1° 9	29°54	6°40	10°18	28°53	11°34	12°52	24°46	20°44	S 27
M28	12 50 53	14°37'35	9♍44	4° 0	13°13	8°48	1° 2	29°50	6°38	10°16	28°55	11°29	12°49	24°52	20°47	M28
T 29	12 54 50	15°36'14	22°17	5°10	14°26	9°31	0°55	29°46	6°36	10°15	28°56	11°25	12°45	24°59	20°50	T 29
W30	12 58 46	16°34'51	5♎ 6	6°15	15°38	10°13	0°48	29°42	6°33	10°13	28°57	11°21	12°42	25° 6	20°54	W30
T 31	13 2 43	17♈33'26	18♎ 9	7♉15	16♓51	10♉55	0♏40	29♎37	6♏31	10♏12	28♒58	11♏19	12♏39	25♋12	20♊57	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	4s45	2n22	4s21	7s56	1s46	17s45	0s 9	7n32	0s 5	11s22	1n26	9s30	2n41	13s37	0n28	13s21	1n52	23s44	12s26	15s41	16s10	17n 3	17n30	5s39
W 2	4 22	1s56	3 40	7 6	1 41	17 29	0 12	7 50	0 5	11 21	1 26	9 29	2 41	13 36	0 28	13 20	1 52	23 43	12 26	15 38	16 9	17 1	17 30	5 39
T 3	3 59	6 13	2 48	6 15	1 35	17 11	0 16	8 7	0 4	11 20	1 27	9 28	2 41	13 36	0 28	13 20	1 52	23 43	12 26	15 36	16 8	17 0	17 31	5 38
F 4	3 35	10 17	1 46	5 22	1 29	16 54	0 19	8 24	0 3	11 18	1 27	9 27	2 41	13 35	0 28	13 20	1 52	23 42	12 26	15 35	16 7	16 59	17 31	5 38
S 5	3 12	13 54	0 38	4 29	1 22	16 36	0 22	8 41	0 3	11 17	1 27	9 26	2 41	13 35	0 28	13 19	1 52	23 42	12 26	15 34	16 6	16 57	17 32	5 38
S 6	2 48	16 52	0n34	3 34	1 15	16 17	0 25	8 58	0 2	11 15	1 27	9 25	2 41	13 34	0 28	13 19	1 52	23 41	12 27	15 34	16 6	16 56	17 32	5 37
M 7	2 25	18 57	1 45	2 39	1 7	15 58	0 28	9 14	0 1	11 13	1 27	9 24	2 42	13 34	0 28	13 19	1 52	23 41	12 27	15 34	16 5	16 55	17 33	5 37
T 8	2 1	19 56	2 51	1 43	0 58	15 39	0 31	9 31	0 0	11 12	1 27	9 22	2 42	13 33	0 28	13 18	1 52	23 41	12 27	15 35	16 4	16 53	17 33	5 37
W 9	1 37	19 43	3 48	0 46	0 49	15 19	0 34	9 48	0n 0	11 10	1 27	9 21	2 42	13 33	0 28	13 18	1 52	23 40	12 27	15 35	16 3	16 52	17 34	5 36
T 10	1 14	18 16	4 32	0n12	0 40	14 58	0 37	10 4	0 1	11 8	1 28	9 20	2 42	13 32	0 28	13 18	1 52	23 40	12 27	15 34	16 2	16 50	17 34	5 36
F 11	0 50	15 39	5 0	1 10	0 30	14 37	0 40	10 21	0 2	11 6	1 28	9 18	2 42	13 32	0 28	13 17	1 52	23 40	12 27	15 33	16 1	16 49	17 35	5 35
S 12	0 26	12 3	5 9	2 8	0 20	14 16	0 43	10 37	0 2	11 5	1 28	9 17	2 42	13 31	0 28	13 17	1 52	23 39	12 28	15 32	16 0	16 48	17 35	5 35
S 13	0 3	7 42	4 58	3 6	0 9	13 55	0 46	10 53	0 3	11 3	1 28	9 16	2 43	13 31	0 28	13 17	1 52	23 39	12 28	15 30	15 59	16 46	17 36	5 35
M14	0n21	2 56	4 27	4 4	0n 2	13 33	0 48	11 9	0 4	11 1	1 28	9 14	2 43	13 30	0 28	13 16	1 52	23 38	12 28	15 28	15 58	16 45	17 36	5 34
T 15	0 45	1n57	3 41	5 2	0 13	13 10	0 51	11 25	0 4	10 59	1 28	9 13	2 43	13 29	0 28	13 16	1 52	23 38	12 28	15 26	15 57	16 43	17 37	5 34
W16	1 8	6 38	2 41	5 59	0 25	12 47	0 54	11 41	0 5	10 57	1 28	9 12	2 43	13 29	0 28	13 15	1 53	23 38	12 28	15 24	15 56	16 42	17 37	5 34
T 17	1 32	10 53	1 33	6 55	0 36	12 24	0 56	11 57	0 6	10 54	1 28	9 10	2 43	13 28	0 28	13 15	1 53	23 38	12 29	15 23	15 55	16 41	17 38	5 33
F 18	1 55	14 27	0 22	7 50	0 48	12 1	0 59	12 12	0 6	10 52	1 29	9 9	2 43	13 27	0 28	13 14	1 53	23 37	12 29	15 23	15 54	16 39	17 38	5 33
S 19	2 19	17 11	0s49	8 44	1 0	11 37	1 1	12 28	0 7	10 50	1 29	9 7	2 43	13 27	0 28	13 14	1 53	23 37	12 29	15 23	15 53	16 38	17 39	5 32
S 20	2 42	19 0	1 55	9 36	1 11	11 13	1 3	12 43	0 8	10 48	1 29	9 6	2 43	13 26	0 28	13 14	1 53	23 37	12 29	15 23	15 52	16 36	17 39	5 32
M21	3 6	19 51	2 54	10 26	1 23	10 49	1 5	12 58	0 8	10 46	1 29	9 4	2 44	13 25	0 28	13 13	1 53	23 36	12 29	15 24	15 51	16 35	17 40	5 32
T 22	3 29	19 45	3 45	11 15	1 34	10 24	1 8	13 13	0 9	10 43	1 29	9 3	2 44	13 25	0 28	13 13	1 53	23 36	12 30	15 24	15 50	16 33	17 41	5 31
W23	3 52	18 46	4 25	12 1	1 44	9 59	1 10	13 28	0 10	10 41	1 29	9 1	2 44	13 24	0 28	13 12	1 53	23 36	12 30	15 25	15 49	16 32	17 41	5 31
T 24	4 15	16 59	4 54	12 45	1 55	9 34	1 12	13 43	0 10	10 39	1 29	9 0	2 44	13 23	0 28	13 12	1 53	23 36	12 30	15 24	15 48	16 31	17 42	5 31
F 25	4 38	14 28	5 9	13 26	2 4	9 8	1 14	13 58	0 11	10 36	1 29	8 58	2 44	13 23	0 28	13 11	1 53	23 35	12 30	15 24	15 47	16 29	17 42	5 30
S 26	5 1	11 20	5 12	14 5	2 14	8 42	1 16	14 13	0 12	10 34	1 29	8 57	2 44	13 22	0 28	13 11	1 53	23 35	12 31	15 23	15 46	16 28	17 43	5 30
S 27	5 24	7 42	5 1	14 41	2 22	8 16	1 18	14 27	0 12	10 31	1 29	8 55	2 44	13 21	0 28	13 10	1 53	23 35	12 31	15 21	15 45	16 26	17 43	5 30
M28	5 47	3 41	4 36	15 15	2 30	7 50	1 19	14 41	0 13	10 29	1 29	8 54	2 44	13 20	0 28	13 10	1 53	23 35	12 31	15 20	15 44	16 25	17 44	5 29
T 29	6 10	0s33	3 57	15 45	2 37	7 24	1 21	14 55	0 13	10 26	1 29	8 52	2 44	13 20	0 28	13 10	1 53	23 34	12 31	15 19	15 43	16 23	17 44	5 29
W30	6 32	4 52	3 6	16 13	2 43	6 57	1 23	15 10	0 14	10 24	1 29	8 50	2 44	13 19	0 28	13 9	1 53	23 34	12 32	15 18	15 42	16 22	17 45	5 29
T 31	6n55	9s 3	2s 4	16n37	2n48	6s30	1s24	15n23	0n15	10s21	1n29	8s49	2n44	13s18	0n28	13s 9	1n53	23s34	12s32	15s17	15s42	16n21	17n45	5s28

Julian Day Number = 2198133.5, Delta T = 10m15s
Ecliptic obliquity = 23°31'40, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°03'48, Lahiri = 14°10'49 Julian Calendar 1 March 1306 == Greg. Calendar 9 March 1306

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ASTRODIENST EPHEMERIS for the year 1306
geocentric

APRIL 1306 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	13 6 39	18♈31'59	1♏28	8♉ 9	18♓ 3	11♉38	0°R33	29°R33	6°R29	10°R10	28♒59	11°R17	12♏36	25♋19	21♊ 1	F 1
S 2	13 10 36	19°30'31	15° 1	8°57	19°16	12°20	0♏26	29♎28	6♏26	10♏ 9	29° 1	11°D17	12°33	25°26	21° 4	S 2
S 3	13 14 33	20°29'00	28°45	9°40	20°29	13° 2	0°18	29°24	6°24	10° 7	29° 2	11♏18	12°30	25°33	21° 8	S 3
M 4	13 18 29	21°27'28	12♐39	10°17	21°41	13°44	0°11	29°20	6°21	10° 6	29° 3	11°19	12°26	25°39	21°11	M 4
T 5	13 22 26	22°25'54	26°41	10°47	22°54	14°26	0° 3	29°15	6°19	10° 4	29° 4	11°20	12°23	25°46	21°15	T 5
W 6	13 26 22	23°24'19	10♑49	11°12	24° 7	15° 9	29♎56	29°11	6°17	10° 3	29° 5	11°21	12°20	25°53	21°19	W 6
T 7	13 30 19	24°22'42	25° 1	11°31	25°19	15°51	29°48	29° 6	6°14	10° 1	29° 6	11°R22	12°17	25°59	21°23	T 7
F 8	13 34 15	25°21'03	9♒15	11°45	26°32	16°33	29°41	29° 2	6°12	10° 0	29° 7	11°21	12°14	26° 6	21°27	F 8
S 9	13 38 12	26°19'23	23°28	11°52	27°45	17°15	29°33	28°57	6° 9	9°58	29° 8	11°20	12°10	26°13	21°31	S 9
S 10	13 42 8	27°17'41	7♓38	11°R54	28°57	17°56	29°25	28°53	6° 7	9°57	29° 9	11°19	12° 7	26°20	21°35	S 10
M11	13 46 5	28°15'58	21°40	11°51	0♈10	18°38	29°18	28°48	6° 4	9°55	29°10	11°17	12° 4	26°26	21°39	M11
T 12	13 50 2	29°14'13	5♈33	11°42	1°23	19°20	29°10	28°43	6° 2	9°53	29°11	11°15	12° 1	26°33	21°43	T 12
W13	13 53 58	0♉12'26	19°12	11°29	2°35	20° 2	29° 2	28°39	5°59	9°52	29°12	11°14	11°58	26°40	21°47	W13
T 14	13 57 55	1°10'38	2♉36	11°10	3°48	20°44	28°55	28°34	5°57	9°50	29°13	11°13	11°55	26°47	21°51	T 14
F 15	14 1 51	2° 8'48	15°43	10°48	5° 1	21°25	28°47	28°30	5°54	9°49	29°14	11°D13	11°51	26°53	21°55	F 15
S 16	14 5 48	3° 6'56	28°32	10°22	6°14	22° 7	28°39	28°25	5°52	9°47	29°15	11°14	11°48	27° 0	22° 0	S 16
S 17	14 9 44	4° 5'02	11♊ 5	9°52	7°26	22°49	28°32	28°21	5°49	9°45	29°16	11°14	11°45	27° 7	22° 4	S 17
M18	14 13 41	5° 3'07	23°23	9°20	8°39	23°30	28°24	28°16	5°47	9°44	29°16	11°15	11°42	27°13	22° 9	M18
T 19	14 17 37	6° 1'09	5♋29	8°46	9°52	24°12	28°17	28°12	5°44	9°42	29°17	11°16	11°39	27°20	22°13	T 19
W20	14 21 34	6°59'10	17°27	8°10	11° 5	24°53	28° 9	28° 7	5°42	9°41	29°18	11°16	11°36	27°27	22°18	W20
T 21	14 25 31	7°57'09	29°21	7°33	12°17	25°35	28° 2	28° 3	5°39	9°39	29°19	11°16	11°32	27°34	22°22	T 21
F 22	14 29 27	8°55'06	11♌14	6°56	13°30	26°16	27°54	27°59	5°37	9°37	29°20	11°R16	11°29	27°40	22°27	F 22
S 23	14 33 24	9°53'01	23°13	6°20	14°43	26°57	27°47	27°54	5°34	9°36	29°20	11°16	11°26	27°47	22°32	S 23
S 24	14 37 20	10°50'54	5♍20	5°45	15°56	27°39	27°40	27°50	5°31	9°34	29°21	11°D16	11°23	27°54	22°37	S 24
M25	14 41 17	11°48'45	17°42	5°11	17° 9	28°20	27°32	27°46	5°29	9°32	29°22	11°16	11°20	28° 0	22°41	M25
T 26	14 45 13	12°46'35	0♎20	4°40	18°21	29° 1	27°25	27°41	5°26	9°31	29°22	11°16	11°16	28° 7	22°46	T 26
W27	14 49 10	13°44'23	13°17	4°11	19°34	29°42	27°18	27°37	5°24	9°29	29°23	11°17	11°13	28°14	22°51	W27
T 28	14 53 6	14°42'09	26°35	3°46	20°47	0♊23	27°11	27°33	5°21	9°28	29°24	11°17	11°10	28°21	22°56	T 28
F 29	14 57 3	15°39'54	10♏13	3°24	22° 0	1° 4	27° 4	27°29	5°19	9°26	29°24	11°R17	11° 7	28°27	23° 1	F 29
S 30	15 0 59	16♉37'38	24♏10	3♉ 6	23♈13	1♊45	26♎57	27♎24	5♏17	9♏24	29♒25	11♏17	11♏ 4	28♋34	23♊ 6	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	7n17	12s52	0s54	16n59	2n52	6s 3	1s26	15n37	0n15	10s19	1n29	8s47	2n44	13s17	0n28	13s 8	1n53	23s34	12s32	15s16	15s41	16n19	17n46	5s28
S 2	7 40	16 4	0n21	17 17	2 55	5 36	1 27	15 51	0 16	10 16	1 29	8 46	2 44	13 16	0 28	13 8	1 53	23 34	12 32	15 16	15 40	16 18	17 46	5 28
S 3	8 2	18 25	1 35	17 33	2 57	5 8	1 28	16 4	0 16	10 14	1 29	8 44	2 45	13 16	0 28	13 7	1 53	23 34	12 33	15 16	15 39	16 16	17 47	5 27
M 4	8 24	19 41	2 44	17 46	2 57	4 41	1 29	16 18	0 17	10 11	1 29	8 43	2 45	13 15	0 28	13 7	1 53	23 33	12 33	15 17	15 38	16 15	17 48	5 27
T 5	8 46	19 44	3 45	17 55	2 57	4 13	1 31	16 31	0 18	10 8	1 29	8 41	2 45	13 14	0 28	13 6	1 53	23 33	12 33	15 17	15 37	16 13	17 48	5 27
W 6	9 7	18 34	4 32	18 1	2 55	3 45	1 32	16 44	0 18	10 6	1 29	8 39	2 45	13 13	0 28	13 6	1 53	23 33	12 34	15 18	15 36	16 12	17 49	5 27
T 7	9 29	16 14	5 3	18 5	2 53	3 17	1 33	16 57	0 19	10 3	1 29	8 38	2 45	13 12	0 28	13 5	1 53	23 33	12 34	15 18	15 35	16 10	17 49	5 26
F 8	9 50	12 56	5 15	18 5	2 49	2 49	1 34	17 9	0 19	10 0	1 29	8 36	2 45	13 12	0 28	13 5	1 53	23 33	12 34	15 18	15 34	16 9	17 50	5 26
S 9	10 12	8 53	5 9	18 2	2 43	2 21	1 34	17 22	0 20	9 58	1 29	8 35	2 45	13 11	0 28	13 4	1 53	23 33	12 34	15 17	15 33	16 7	17 50	5 26
S 10	10 33	4 21	4 43	17 57	2 36	1 52	1 35	17 34	0 21	9 55	1 29	8 33	2 45	13 10	0 28	13 4	1 53	23 33	12 35	15 17	15 32	16 6	17 51	5 25
M11	10 54	0n22	4 1	17 48	2 29	1 24	1 36	17 46	0 21	9 52	1 29	8 31	2 45	13 9	0 28	13 3	1 53	23 33	12 35	15 16	15 31	16 4	17 51	5 25
T 12	11 15	5 2	3 5	17 36	2 19	0 56	1 37	17 59	0 22	9 50	1 29	8 30	2 45	13 8	0 28	13 3	1 53	23 33	12 35	15 16	15 30	16 3	17 52	5 25
W13	11 35	9 23	1 59	17 22	2 9	0 27	1 37	18 10	0 22	9 47	1 29	8 28	2 45	13 8	0 28	13 2	1 53	23 32	12 36	15 15	15 29	16 2	17 52	5 25
T 14	11 56	13 10	0 48	17 5	1 57	0n 2	1 38	18 22	0 23	9 44	1 29	8 27	2 45	13 7	0 28	13 2	1 53	23 32	12 36	15 15	15 28	16 0	17 53	5 24
F 15	12 16	16 13	0s25	16 46	1 44	0 30	1 38	18 34	0 24	9 42	1 29	8 25	2 45	13 6	0 28	13 1	1 53	23 32	12 36	15 15	15 27	15 59	17 53	5 24
S 16	12 36	18 22	1 35	16 25	1 30	0 59	1 38	18 45	0 24	9 39	1 29	8 23	2 44	13 5	0 28	13 1	1 53	23 32	12 37	15 15	15 26	15 57	17 54	5 24
S 17	12 56	19 35	2 38	16 1	1 16	1 27	1 39	18 56	0 25	9 37	1 29	8 22	2 44	13 4	0 28	13 0	1 53	23 32	12 37	15 15	15 25	15 56	17 54	5 24
M18	13 15	19 49	3 33	15 36	1 0	1 56	1 39	19 7	0 25	9 34	1 29	8 20	2 44	13 3	0 28	12 59	1 53	23 32	12 37	15 16	15 24	15 54	17 55	5 23
T 19	13 35	19 8	4 17	15 10	0 44	2 24	1 39	19 18	0 26	9 31	1 29	8 19	2 44	13 3	0 28	12 59	1 53	23 32	12 38	15 16	15 23	15 53	17 55	5 23
W20	13 54	17 35	4 50	14 42	0 27	2 53	1 39	19 29	0 26	9 29	1 29	8 17	2 44	13 2	0 28	12 58	1 53	23 32	12 38	15 16	15 22	15 51	17 56	5 23
T 21	14 13	15 18	5 10	14 14	0 10	3 22	1 39	19 40	0 27	9 26	1 28	8 16	2 44	13 1	0 28	12 58	1 53	23 32	12 38	15 16	15 21	15 50	17 56	5 23
F 22	14 31	12 23	5 17	13 46	0s 7	3 50	1 39	19 50	0 27	9 24	1 28	8 14	2 44	13 0	0 28	12 57	1 53	23 32	12 39	15 16	15 20	15 48	17 57	5 22
S 23	14 50	8 57	5 10	13 18	0 25	4 18	1 38	20 0	0 28	9 21	1 28	8 13	2 44	12 59	0 28	12 57	1 53	23 32	12 39	15 16	15 19	15 47	17 57	5 22
S 24	15 8	5 6	4 50	12 50	0 42	4 47	1 38	20 10	0 29	9 19	1 28	8 11	2 44	12 58	0 28	12 56	1 53	23 32	12 39	15 16	15 18	15 45	17 58	5 22
M25	15 26	0 58	4 15	12 22	0 59	5 15	1 38	20 20	0 29	9 16	1 28	8 10	2 44	12 58	0 28	12 56	1 53	23 33	12 40	15 16	15 17	15 44	17 58	5 22
T 26	15 44	3s19	3 28	11 56	1 15	5 43	1 37	20 30	0 30	9 14	1 28	8 8	2 44	12 57	0 28	12 55	1 53	23 33	12 40	15 16	15 16	15 42	17 59	5 22
W27	16 1	7 33	2 29	11 32	1 31	6 11	1 37	20 39	0 30	9 11	1 28	8 7	2 44	12 56	0 28	12 55	1 53	23 33	12 40	15 16	15 15	15 41	17 59	5 21
T 28	16 18	11 33	1 21	11 9	1 47	6 39	1 36	20 48	0 31	9 9	1 28	8 6	2 44	12 55	0 28	12 54	1 53	23 33	12 41	15 16	15 14	15 39	18 0	5 21
F 29	16 35	15 2	0 6	10 48	2 1	7 7	1 36	20 57	0 31	9 6	1 27	8 4	2 44	12 54	0 28	12 54	1 53	23 33	12 41	15 16	15 13	15 38	18 0	5 21
S 30	16n52	17s44	1n11	10n29	2s15	7n35	1s35	21n 6	0n32	9s 4	1n27	8s 3	2n43	12s54	0n28	12s53	1n53	23s33	12s41	15s16	15s12	15n36	18n 0	5s21

Julian Day Number = 2198164.5, Delta T = 10m14s
Ecliptic obliquity = 23°31'39, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°03'53, Lahiri = 14°10'53 Julian Calendar 1 Apr. 1306 == Greg. Calendar 9 Apr. 1306

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ASTRODIENST EPHEMERIS for the year 1306
geocentric

MAY 1306 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	15 4 56	17♉35'20	8♐21	2°R51	24♈26	2♊26	26°R50	27°R20	5°R14	9°R23	29♒25	11°R16	11♏ 1	28♋41	23♊11	S 1
M 2	15 8 53	18°33'01	22°43	2♉42	25°38	3° 7	26♎44	27♎16	5♏12	9♏21	29°26	11♏16	10°57	28°47	23°16	M 2
T 3	15 12 49	19°30'40	7♑11	2°36	26°51	3°48	26°37	27°12	5° 9	9°19	29°26	11°15	10°54	28°54	23°21	T 3
W 4	15 16 46	20°28'19	21°39	2°D35	28° 4	4°29	26°30	27° 8	5° 7	9°18	29°27	11°14	10°51	29° 1	23°26	W 4
T 5	15 20 42	21°25'56	6♒ 2	2°39	29°17	5°10	26°24	27° 4	5° 4	9°16	29°27	11°13	10°48	29° 8	23°32	T 5
F 6	15 24 39	22°23'33	20°18	2°47	0♉30	5°51	26°18	27° 0	5° 2	9°15	29°28	11°D13	10°45	29°14	23°37	F 6
S 7	15 28 35	23°21'08	4♓23	3° 0	1°43	6°31	26°12	26°57	5° 0	9°13	29°28	11°13	10°41	29°21	23°42	S 7
S 8	15 32 32	24°18'43	18°16	3°17	2°56	7°12	26° 6	26°53	4°57	9°12	29°28	11°14	10°38	29°28	23°47	S 8
M 9	15 36 28	25°16'17	1♈56	3°39	4° 9	7°53	26° 0	26°49	4°55	9°10	29°29	11°15	10°35	29°35	23°53	M 9
T 10	15 40 25	26°13'49	15°22	4° 5	5°22	8°34	25°54	26°45	4°53	9° 8	29°29	11°16	10°32	29°41	23°58	T 10
W11	15 44 22	27°11'21	28°36	4°35	6°35	9°14	25°48	26°42	4°50	9° 7	29°29	11°17	10°29	29°48	24° 4	W11
T 12	15 48 18	28° 8'52	11♉36	5° 9	7°48	9°55	25°43	26°38	4°48	9° 5	29°30	11°R17	10°26	29°55	24° 9	T 12
F 13	15 52 15	29° 6'22	24°23	5°47	9° 1	10°35	25°37	26°35	4°46	9° 4	29°30	11°17	10°22	0♌ 1	24°14	F 13
S 14	15 56 11	0♊ 3'51	6♊57	6°29	10°14	11°16	25°32	26°31	4°44	9° 2	29°30	11°15	10°19	0° 8	24°20	S 14
S 15	16 0 8	1° 1'19	19°20	7°15	11°27	11°56	25°27	26°28	4°42	9° 1	29°30	11°13	10°16	0°15	24°25	S 15
M16	16 4 4	1°58'46	1♋32	8° 5	12°40	12°37	25°22	26°25	4°39	8°59	29°31	11°10	10°13	0°22	24°31	M16
T 17	16 8 1	2°56'11	13°34	8°58	13°53	13°17	25°17	26°22	4°37	8°58	29°31	11° 7	10°10	0°28	24°37	T 17
W18	16 11 57	3°53'36	25°30	9°55	15° 6	13°57	25°12	26°19	4°35	8°57	29°31	11° 3	10° 7	0°35	24°42	W18
T 19	16 15 54	4°50'59	7♌23	10°55	16°19	14°38	25° 8	26°16	4°33	8°55	29°31	11° 0	10° 3	0°42	24°48	T 19
F 20	16 19 51	5°48'21	19°16	11°59	17°32	15°18	25° 3	26°13	4°31	8°54	29°31	10°58	10° 0	0°48	24°54	F 20
S 21	16 23 47	6°45'43	1♍13	13° 5	18°45	15°58	24°59	26°10	4°29	8°52	29°31	10°D57	9°57	0°55	24°59	S 21
S 22	16 27 44	7°43'03	13°19	14°16	19°58	16°38	24°55	26° 7	4°27	8°51	29°31	10°57	9°54	1° 2	25° 5	S 22
M23	16 31 40	8°40'22	25°39	15°29	21°11	17°19	24°51	26° 4	4°25	8°50	29°R31	10°58	9°51	1° 9	25°11	M23
T 24	16 35 37	9°37'40	8♎16	16°45	22°24	17°59	24°48	26° 1	4°23	8°48	29°31	10°59	9°47	1°15	25°16	T 24
W25	16 39 33	10°34'57	21°15	18° 5	23°37	18°39	24°44	25°59	4°21	8°47	29°31	11° 1	9°44	1°22	25°22	W25
T 26	16 43 30	11°32'13	4♏39	19°27	24°51	19°19	24°41	25°56	4°19	8°46	29°31	11°R 2	9°41	1°29	25°28	T 26
F 27	16 47 26	12°29'28	18°28	20°53	26° 4	19°59	24°37	25°54	4°18	8°44	29°31	11° 2	9°38	1°36	25°34	F 27
S 28	16 51 23	13°26'43	2♐41	22°22	27°17	20°39	24°34	25°52	4°16	8°43	29°31	11° 0	9°35	1°42	25°39	S 28
S 29	16 55 20	14°23'57	17°14	23°53	28°30	21°19	24°31	25°49	4°14	8°42	29°31	10°57	9°32	1°49	25°45	S 29
M30	16 59 16	15°21'10	2♑ 2	25°28	29°43	21°59	24°29	25°47	4°12	8°41	29°31	10°53	9°28	1°56	25°51	M30
T 31	17 3 13	16♊18'23	16♑56	27♉ 5	0♊56	22♊39	24♎26	25♎45	4♏11	8♏39	29♒30	10♏48	9♏25	2♌ 2	25♊57	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17n 8	19s24	2n25	10n12	2s27	8n 2	1s34	21n15	0n32	9s 2	1n27	8s 1	2n43	12s53	0n28	12s53	1n53	23s33	12s42	15s16	15s11	15n35	18n 1	5s21
M 2	17 25	19 50	3 30	9 58	2 39	8 30	1 34	21 24	0 33	9 0	1 27	8 0	2 43	12 52	0 28	12 52	1 53	23 33	12 42	15 16	15 10	15 33	18 1	5 20
T 3	17 40	18 58	4 22	9 46	2 49	8 57	1 33	21 32	0 33	8 57	1 27	7 59	2 43	12 51	0 28	12 52	1 53	23 33	12 42	15 16	15 9	15 32	18 2	5 20
W 4	17 56	16 52	4 58	9 37	2 59	9 24	1 32	21 40	0 34	8 55	1 27	7 57	2 43	12 50	0 28	12 51	1 53	23 33	12 43	15 15	15 8	15 30	18 2	5 20
T 5	18 11	13 44	5 15	9 30	3 8	9 51	1 31	21 48	0 34	8 53	1 26	7 56	2 43	12 50	0 28	12 51	1 53	23 34	12 43	15 15	15 7	15 28	18 2	5 20
F 6	18 26	9 50	5 13	9 26	3 15	10 17	1 30	21 56	0 35	8 51	1 26	7 55	2 43	12 49	0 28	12 50	1 53	23 34	12 43	15 15	15 6	15 27	18 3	5 20
S 7	18 41	5 25	4 51	9 24	3 22	10 44	1 29	22 3	0 35	8 49	1 26	7 54	2 42	12 48	0 28	12 50	1 53	23 34	12 44	15 15	15 5	15 25	18 3	5 20
S 8	18 55	0 47	4 13	9 25	3 27	11 10	1 27	22 11	0 36	8 47	1 26	7 52	2 42	12 47	0 28	12 49	1 53	23 34	12 44	15 15	15 4	15 24	18 4	5 20
M 9	19 9	3n50	3 21	9 28	3 31	11 36	1 26	22 18	0 36	8 45	1 26	7 51	2 42	12 46	0 28	12 49	1 53	23 34	12 44	15 16	15 3	15 22	18 4	5 19
T 10	19 23	8 12	2 18	9 33	3 35	12 2	1 25	22 25	0 37	8 43	1 25	7 50	2 42	12 46	0 28	12 48	1 53	23 35	12 45	15 16	15 2	15 21	18 4	5 19
W11	19 36	12 6	1 10	9 41	3 37	12 27	1 23	22 32	0 37	8 41	1 25	7 49	2 42	12 45	0 28	12 48	1 53	23 35	12 45	15 16	15 1	15 19	18 5	5 19
T 12	19 49	15 20	0s 2	9 51	3 39	12 52	1 22	22 38	0 38	8 39	1 25	7 48	2 42	12 44	0 28	12 48	1 53	23 35	12 45	15 16	15 0	15 18	18 5	5 19
F 13	20 2	17 47	1 12	10 3	3 39	13 17	1 21	22 45	0 38	8 37	1 25	7 47	2 42	12 43	0 28	12 47	1 53	23 35	12 46	15 16	14 59	15 16	18 5	5 19
S 14	20 14	19 18	2 17	10 17	3 39	13 41	1 19	22 51	0 39	8 36	1 25	7 46	2 41	12 43	0 28	12 47	1 53	23 35	12 46	15 16	14 58	15 15	18 6	5 19
S 15	20 26	19 52	3 15	10 33	3 38	14 6	1 17	22 57	0 39	8 34	1 24	7 45	2 41	12 42	0 28	12 46	1 53	23 36	12 46	15 15	14 57	15 13	18 6	5 19
M16	20 38	19 29	4 2	10 51	3 36	14 30	1 16	23 3	0 39	8 33	1 24	7 44	2 41	12 41	0 28	12 46	1 53	23 36	12 47	15 14	14 56	15 12	18 6	5 19
T 17	20 49	18 13	4 39	11 10	3 33	14 53	1 14	23 8	0 40	8 31	1 24	7 43	2 41	12 41	0 28	12 45	1 53	23 36	12 47	15 13	14 55	15 10	18 7	5 19
W18	21 0	16 9	5 3	11 31	3 30	15 16	1 12	23 14	0 40	8 29	1 24	7 42	2 41	12 40	0 27	12 45	1 53	23 37	12 48	15 12	14 54	15 8	18 7	5 19
T 19	21 11	13 26	5 13	11 54	3 26	15 39	1 11	23 19	0 41	8 28	1 23	7 41	2 40	12 39	0 27	12 44	1 53	23 37	12 48	15 11	14 53	15 7	18 7	5 18
F 20	21 21	10 11	5 11	12 18	3 21	16 1	1 9	23 24	0 41	8 27	1 23	7 40	2 40	12 39	0 27	12 44	1 53	23 37	12 48	15 10	14 52	15 5	18 7	5 18
S 21	21 31	6 29	4 55	12 43	3 16	16 24	1 7	23 29	0 42	8 25	1 23	7 39	2 40	12 38	0 27	12 44	1 53	23 37	12 49	15 10	14 51	15 4	18 8	5 18
S 22	21 41	2 30	4 25	13 10	3 9	16 45	1 5	23 33	0 42	8 24	1 23	7 38	2 40	12 37	0 27	12 43	1 53	23 38	12 49	15 10	14 50	15 2	18 8	5 18
M23	21 50	1s41	3 43	13 37	3 3	17 6	1 3	23 38	0 43	8 23	1 22	7 37	2 40	12 37	0 27	12 43	1 53	23 38	12 49	15 10	14 49	15 1	18 8	5 18
T 24	21 59	5 53	2 50	14 6	2 55	17 27	1 1	23 42	0 43	8 22	1 22	7 37	2 39	12 36	0 27	12 42	1 53	23 38	12 50	15 11	14 48	14 59	18 9	5 18
W25	22 7	9 58	1 46	14 36	2 48	17 48	0 59	23 46	0 44	8 21	1 22	7 36	2 39	12 35	0 27	12 42	1 53	23 39	12 50	15 11	14 47	14 58	18 9	5 18
T 26	22 15	13 40	0 35	15 6	2 39	18 7	0 57	23 50	0 44	8 20	1 22	7 35	2 39	12 35	0 27	12 42	1 53	23 39	12 50	15 12	14 46	14 56	18 9	5 18
F 27	22 23	16 44	0n41	15 37	2 30	18 27	0 55	23 53	0 44	8 19	1 21	7 35	2 39	12 34	0 27	12 41	1 53	23 39	12 51	15 12	14 45	14 54	18 9	5 18
S 28	22 30	18 53	1 56	16 9	2 21	18 46	0 53	23 56	0 45	8 18	1 21	7 34	2 38	12 34	0 27	12 41	1 53	23 40	12 51	15 11	14 44	14 53	18 9	5 18
S 29	22 37	19 51	3 5	16 41	2 11	19 4	0 51	24 0	0 45	8 17	1 21	7 33	2 38	12 33	0 27	12 40	1 53	23 40	12 51	15 10	14 43	14 51	18 10	5 18
M30	22 43	19 28	4 3	17 14	2 1	19 22	0 49	24 3	0 46	8 16	1 21	7 33	2 38	12 33	0 27	12 40	1 53	23 41	12 52	15 9	14 42	14 50	18 10	5 18
T 31	22n49	17s45	4n44	17n47	1s51	19n40	0s46	24n 5	0n46	8s16	1n20	7s32	2n38	12s32	0n27	12s40	1n52	23s41	12s52	15s 7	14s41	14n48	18n10	5s18

Julian Day Number = 2198194.5, Delta T = 10m14s
Ecliptic obliquity = 23°31'39, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°03'57, Lahiri = 14°10'57 Julian Calendar 1 May 1306 == Greg. Calendar 9 May 1306

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1306
geocentric

JUNE 1306 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	17 7 9	17♊15'36	1♒48	28♉45	2♊10	23♊19	24°R24	25°R43	4°R 9	8°R38	29°R30	10°R43	9♏22	2♌ 9	26♊ 3	W 1
T 2	17 11 6	18°12'48	16°31	0♊29	3°23	23°58	24♎22	25♎41	4♏ 8	8♏37	29♒30	10♏39	9°19	2°16	26° 9	T 2
F 3	17 15 2	19°10'00	0♓57	2°15	4°36	24°38	24°20	25°39	4° 6	8°36	29°30	10°36	9°16	2°23	26°15	F 3
S 4	17 18 59	20° 7'12	15° 5	4° 4	5°49	25°18	24°18	25°38	4° 5	8°35	29°29	10°D35	9°13	2°29	26°20	S 4
S 5	17 22 56	21° 4'24	28°53	5°55	7° 3	25°58	24°16	25°36	4° 3	8°34	29°29	10°35	9° 9	2°36	26°26	S 5
M 6	17 26 52	22° 1'36	12♈20	7°49	8°16	26°37	24°15	25°35	4° 2	8°32	29°29	10°36	9° 6	2°43	26°32	M 6
T 7	17 30 49	22°58'48	25°30	9°46	9°29	27°17	24°13	25°33	4° 0	8°31	29°28	10°37	9° 3	2°49	26°38	T 7
W 8	17 34 45	23°56'00	8♉24	11°45	10°42	27°57	24°12	25°32	3°59	8°30	29°28	10°R38	9° 0	2°56	26°44	W 8
T 9	17 38 42	24°53'11	21° 4	13°46	11°56	28°36	24°11	25°31	3°58	8°29	29°28	10°38	8°57	3° 3	26°50	T 9
F 10	17 42 38	25°50'23	3♊33	15°50	13° 9	29°16	24°11	25°29	3°56	8°28	29°27	10°35	8°53	3°10	26°56	F 10
S 11	17 46 35	26°47'35	15°52	17°55	14°22	29°55	24°10	25°28	3°55	8°27	29°27	10°31	8°50	3°16	27° 2	S 11
S 12	17 50 31	27°44'47	28° 2	20° 1	15°36	0♋35	24°10	25°27	3°54	8°26	29°26	10°24	8°47	3°23	27° 8	S 12
M13	17 54 28	28°41'58	10♋ 6	22° 9	16°49	1°14	24° 9	25°26	3°53	8°26	29°26	10°16	8°44	3°30	27°14	M13
T 14	17 58 25	29°39'09	22° 3	24°18	18° 3	1°54	24°D 9	25°26	3°52	8°25	29°25	10° 7	8°41	3°37	27°20	T 14
W15	18 2 21	0♋36'21	3♌57	26°28	19°16	2°33	24°10	25°25	3°51	8°24	29°25	9°58	8°38	3°43	27°26	W15
T 16	18 6 18	1°33'32	15°48	28°38	20°30	3°13	24°10	25°24	3°50	8°23	29°24	9°49	8°34	3°50	27°31	T 16
F 17	18 10 14	2°30'42	27°40	0♋48	21°43	3°52	24°10	25°24	3°49	8°22	29°24	9°42	8°31	3°57	27°37	F 17
S 18	18 14 11	3°27'53	9♍36	2°59	22°56	4°31	24°11	25°24	3°48	8°21	29°23	9°37	8°28	4° 3	27°43	S 18
S 19	18 18 7	4°25'04	21°40	5° 9	24°10	5°11	24°12	25°23	3°47	8°21	29°22	9°34	8°25	4°10	27°49	S 19
M20	18 22 4	5°22'14	3♎57	7°18	25°23	5°50	24°13	25°23	3°46	8°20	29°22	9°D33	8°22	4°17	27°55	M20
T 21	18 26 0	6°19'24	16°30	9°26	26°37	6°29	24°14	25°23	3°46	8°19	29°21	9°34	8°19	4°24	28° 1	T 21
W22	18 29 57	7°16'34	29°26	11°34	27°50	7° 9	24°16	25°D23	3°45	8°19	29°21	9°34	8°15	4°30	28° 7	W22
T 23	18 33 54	8°13'44	12♏47	13°40	29° 4	7°48	24°17	25°23	3°44	8°18	29°20	9°R35	8°12	4°37	28°13	T 23
F 24	18 37 50	9°10'54	26°36	15°45	0♋18	8°27	24°19	25°23	3°44	8°17	29°19	9°33	8° 9	4°44	28°19	F 24
S 25	18 41 47	10° 8'05	10♐54	17°48	1°31	9° 6	24°21	25°23	3°43	8°17	29°18	9°30	8° 6	4°50	28°25	S 25
S 26	18 45 43	11° 5'15	25°38	19°50	2°45	9°45	24°23	25°24	3°43	8°16	29°18	9°24	8° 3	4°57	28°30	S 26
M27	18 49 40	12° 2'26	10♑41	21°50	3°58	10°24	24°25	25°24	3°42	8°16	29°17	9°17	7°59	5° 4	28°36	M27
T 28	18 53 36	12°59'37	25°54	23°49	5°12	11° 3	24°28	25°25	3°42	8°15	29°16	9° 8	7°56	5°11	28°42	T 28
W29	18 57 33	13°56'48	11♒ 6	25°46	6°26	11°42	24°31	25°26	3°42	8°15	29°15	8°59	7°53	5°17	28°48	W29
T 30	19 1 29	14♋54'00	26♒ 8	27♋41	7♋39	12♋21	24♎33	25♎26	3♏41	8♏14	29♒14	8♏50	7♏50	5♌24	28♊54	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	22n55	14s50	5n 7	18n20	1s40	19n57	0s44	24n 8	0n46	8s15	1n20	7s32	2n38	12s31	0n27	12s39	1n52	23s41	12s52	15s 6	14s40	14n47	18n10	5s18
T 2	23 0	11 2	5 9	18 52	1 29	20 13	0 42	24 10	0 47	8 14	1 20	7 31	2 37	12 31	0 27	12 39	1 52	23 42	12 53	15 4	14 39	14 45	18 10	5 18
F 3	23 5	6 38	4 51	19 25	1 18	20 29	0 40	24 12	0 47	8 14	1 19	7 31	2 37	12 30	0 27	12 39	1 52	23 42	12 53	15 3	14 38	14 43	18 10	5 18
S 4	23 9	1 57	4 16	19 57	1 7	20 45	0 37	24 14	0 48	8 14	1 19	7 30	2 37	12 30	0 27	12 38	1 52	23 43	12 53	15 3	14 37	14 42	18 11	5 18
S 5	23 14	2n43	3 27	20 28	0 55	20 59	0 35	24 16	0 48	8 13	1 19	7 30	2 37	12 29	0 27	12 38	1 52	23 43	12 54	15 3	14 36	14 40	18 11	5 18
M 6	23 17	7 9	2 27	20 59	0 43	21 14	0 33	24 17	0 48	8 13	1 19	7 30	2 36	12 29	0 27	12 38	1 52	23 43	12 54	15 3	14 35	14 39	18 11	5 18
T 7	23 20	11 9	1 21	21 28	0 32	21 27	0 30	24 19	0 49	8 13	1 18	7 30	2 36	12 29	0 27	12 38	1 52	23 44	12 54	15 4	14 34	14 37	18 11	5 18
W 8	23 23	14 33	0 12	21 57	0 20	21 40	0 28	24 20	0 49	8 13	1 18	7 29	2 36	12 28	0 27	12 37	1 52	23 44	12 55	15 4	14 33	14 35	18 11	5 18
T 9	23 26	17 11	0s56	22 23	0 9	21 53	0 26	24 21	0 50	8 12	1 18	7 29	2 36	12 28	0 27	12 37	1 52	23 45	12 55	15 4	14 32	14 34	18 11	5 18
F 10	23 28	18 58	2 1	22 48	0n 2	22 5	0 23	24 22	0 50	8 12	1 18	7 29	2 35	12 27	0 27	12 37	1 52	23 45	12 55	15 3	14 31	14 32	18 11	5 18
S 11	23 29	19 49	2 58	23 12	0 13	22 16	0 21	24 22	0 50	8 13	1 17	7 29	2 35	12 27	0 27	12 36	1 52	23 46	12 56	15 2	14 30	14 31	18 11	5 19
S 12	23 30	19 44	3 47	23 33	0 24	22 27	0 18	24 22	0 51	8 13	1 17	7 29	2 35	12 27	0 27	12 36	1 52	23 46	12 56	15 0	14 29	14 29	18 11	5 19
M13	23 31	18 44	4 25	23 52	0 34	22 36	0 16	24 22	0 51	8 13	1 17	7 29	2 35	12 26	0 27	12 36	1 52	23 47	12 56	14 57	14 28	14 27	18 11	5 19
T 14	23 32	16 55	4 51	24 8	0 44	22 46	0 13	24 22	0 52	8 13	1 16	7 28	2 34	12 26	0 27	12 36	1 52	23 47	12 57	14 54	14 27	14 26	18 11	5 19
W15	23 32	14 24	5 4	24 22	0 53	22 55	0 11	24 22	0 52	8 13	1 16	7 28	2 34	12 26	0 27	12 35	1 52	23 48	12 57	14 51	14 26	14 24	18 11	5 19
T 16	23 31	11 19	5 4	24 33	1 2	23 3	0 9	24 22	0 52	8 14	1 16	7 29	2 34	12 25	0 27	12 35	1 52	23 48	12 57	14 49	14 25	14 23	18 11	5 19
F 17	23 30	7 46	4 51	24 41	1 10	23 10	0 6	24 21	0 53	8 14	1 16	7 29	2 34	12 25	0 27	12 35	1 52	23 49	12 58	14 46	14 24	14 21	18 11	5 19
S 18	23 29	3 54	4 26	24 47	1 17	23 17	0 4	24 20	0 53	8 15	1 15	7 29	2 33	12 25	0 27	12 35	1 52	23 49	12 58	14 45	14 23	14 19	18 11	5 19
S 19	23 27	0s10	3 48	24 49	1 24	23 23	0 1	24 19	0 53	8 15	1 15	7 29	2 33	12 24	0 27	12 35	1 52	23 50	12 58	14 44	14 22	14 18	18 11	5 19
M20	23 25	4 18	2 59	24 49	1 30	23 28	0n 1	24 18	0 54	8 16	1 15	7 29	2 33	12 24	0 27	12 34	1 52	23 50	12 59	14 44	14 21	14 16	18 11	5 19
T 21	23 23	8 22	2 0	24 46	1 35	23 33	0 4	24 16	0 54	8 17	1 14	7 29	2 32	12 24	0 27	12 34	1 51	23 51	12 59	14 44	14 20	14 15	18 11	5 20
W22	23 20	12 9	0 54	24 40	1 39	23 37	0 6	24 14	0 54	8 17	1 14	7 29	2 32	12 24	0 27	12 34	1 51	23 51	12 59	14 44	14 19	14 13	18 11	5 20
T 23	23 16	15 28	0n17	24 32	1 43	23 40	0 8	24 12	0 55	8 18	1 14	7 30	2 32	12 24	0 27	12 34	1 51	23 52	12 59	14 44	14 18	14 11	18 11	5 20
F 24	23 12	18 1	1 30	24 21	1 46	23 42	0 11	24 10	0 55	8 19	1 14	7 30	2 32	12 23	0 27	12 34	1 51	23 52	13 0	14 44	14 17	14 10	18 11	5 20
S 25	23 8	19 32	2 39	24 8	1 48	23 44	0 13	24 8	0 55	8 20	1 13	7 30	2 31	12 23	0 26	12 34	1 51	23 53	13 0	14 43	14 15	14 8	18 11	5 20
S 26	23 4	19 48	3 40	23 52	1 50	23 45	0 16	24 6	0 56	8 21	1 13	7 31	2 31	12 23	0 26	12 34	1 51	23 53	13 0	14 41	14 14	14 6	18 11	5 20
M27	22 59	18 40	4 27	23 34	1 51	23 46	0 18	24 3	0 56	8 22	1 13	7 31	2 31	12 23	0 26	12 33	1 51	23 54	13 1	14 38	14 13	14 5	18 11	5 20
T 28	22 53	16 12	4 55	23 14	1 51	23 46	0 20	24 0	0 56	8 23	1 13	7 32	2 31	12 23	0 26	12 33	1 51	23 54	13 1	14 35	14 12	14 3	18 11	5 21
W29	22 48	12 39	5 3	22 52	1 50	23 45	0 23	23 57	0 57	8 25	1 12	7 32	2 30	12 23	0 26	12 33	1 51	23 55	13 1	14 33	14 11	14 2	18 10	5 21
T 30	22n41	8s19	4n50	22n29	1n49	23n43	0n25	23n54	0n57	8s26	1n12	7s33	2n30	12s23	0n26	12s33	1n51	23s55	13s 1	14s30	14s10	14n 0	18n10	5s21

Julian Day Number = 2198225.5, Delta T = 10m14s
Ecliptic obliquity = 23°31'38, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°04'01, Lahiri = 14°11'01 Julian Calendar 1 June 1306 == Greg. Calendar 9 June 1306

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ASTRODIENST EPHEMERIS for the year 1306
geocentric

JULY 1306 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	19 5 26	15♋51'13	10♓50	29♋34	8♋53	13♋ 0	24♎36	25♎27	3°R41	8°R14	29°R14	8°R44	7♏47	5♌31	29♊ 0	F 1
S 2	19 9 23	16°48'26	25° 8	1♌25	10° 7	13°39	24°39	25°28	3♏41	8♏14	29♒13	8♏40	7°44	5°38	29° 5	S 2
S 3	19 13 19	17°45'41	8♈59	3°15	11°20	14°18	24°43	25°29	3°41	8°13	29°12	8°38	7°40	5°44	29°11	S 3
M 4	19 17 16	18°42'56	22°25	5° 3	12°34	14°57	24°46	25°30	3°41	8°13	29°11	8°D38	7°37	5°51	29°17	M 4
T 5	19 21 12	19°40'12	5♉28	6°49	13°48	15°36	24°50	25°32	3°D41	8°13	29°10	8°R39	7°34	5°58	29°23	T 5
W 6	19 25 9	20°37'29	18°11	8°34	15° 2	16°15	24°54	25°33	3°41	8°13	29° 9	8°38	7°31	6° 4	29°28	W 6
T 7	19 29 5	21°34'47	0♊39	10°16	16°16	16°54	24°58	25°35	3°41	8°12	29° 8	8°36	7°28	6°11	29°34	T 7
F 8	19 33 2	22°32'05	12°55	11°57	17°29	17°33	25° 2	25°36	3°41	8°12	29° 7	8°32	7°25	6°18	29°40	F 8
S 9	19 36 58	23°29'25	25° 2	13°36	18°43	18°12	25° 6	25°38	3°41	8°12	29° 6	8°25	7°21	6°25	29°45	S 9
S 10	19 40 55	24°26'46	7♋ 3	15°13	19°57	18°50	25°11	25°39	3°41	8°12	29° 5	8°15	7°18	6°31	29°51	S 10
M11	19 44 52	25°24'07	18°59	16°49	21°11	19°29	25°15	25°41	3°42	8°12	29° 4	8° 3	7°15	6°38	29°56	M11
T 12	19 48 48	26°21'30	0♌53	18°23	22°25	20° 8	25°20	25°43	3°42	8°12	29° 3	7°49	7°12	6°45	0♋ 2	T 12
W13	19 52 45	27°18'53	12°45	19°55	23°39	20°47	25°25	25°45	3°42	8°D12	29° 2	7°36	7° 9	6°52	0° 8	W13
T 14	19 56 41	28°16'17	24°36	21°25	24°53	21°25	25°30	25°47	3°43	8°12	29° 1	7°23	7° 5	6°58	0°13	T 14
F 15	20 0 38	29°13'41	6♍30	22°53	26° 7	22° 4	25°35	25°50	3°43	8°12	29° 0	7°12	7° 2	7° 5	0°19	F 15
S 16	20 4 34	0♌11'07	18°28	24°20	27°21	22°43	25°41	25°52	3°44	8°12	28°59	7° 4	6°59	7°12	0°24	S 16
S 17	20 8 31	1° 8'33	0♎33	25°45	28°35	23°21	25°46	25°54	3°45	8°12	28°58	6°58	6°56	7°18	0°29	S 17
M18	20 12 27	2° 6'00	12°49	27° 7	29°49	24° 0	25°52	25°57	3°45	8°12	28°57	6°55	6°53	7°25	0°35	M18
T 19	20 16 24	3° 3'27	25°20	28°28	1♌ 3	24°39	25°58	25°59	3°46	8°12	28°56	6°54	6°50	7°32	0°40	T 19
W20	20 20 21	4° 0'56	8♏11	29°48	2°17	25°17	26° 4	26° 2	3°47	8°13	28°55	6°54	6°46	7°39	0°46	W20
T 21	20 24 17	4°58'25	21°27	1♍ 5	3°31	25°56	26°10	26° 5	3°48	8°13	28°53	6°54	6°43	7°45	0°51	T 21
F 22	20 28 14	5°55'56	5♐ 9	2°20	4°45	26°34	26°16	26° 8	3°48	8°13	28°52	6°52	6°40	7°52	0°56	F 22
S 23	20 32 10	6°53'27	19°21	3°33	5°59	27°13	26°23	26°10	3°49	8°13	28°51	6°48	6°37	7°59	1° 1	S 23
S 24	20 36 7	7°50'59	4♑ 1	4°43	7°13	27°51	26°29	26°14	3°50	8°14	28°50	6°42	6°34	8° 6	1° 6	S 24
M25	20 40 3	8°48'32	19° 4	5°52	8°28	28°30	26°36	26°17	3°51	8°14	28°49	6°33	6°31	8°12	1°12	M25
T 26	20 44 0	9°46'06	4♒21	6°58	9°42	29° 8	26°43	26°20	3°52	8°15	28°48	6°22	6°27	8°19	1°17	T 26
W27	20 47 56	10°43'42	19°41	8° 2	10°56	29°47	26°50	26°23	3°53	8°15	28°46	6°11	6°24	8°26	1°22	W27
T 28	20 51 53	11°41'18	4♓54	9° 3	12°10	0♌25	26°57	26°26	3°55	8°15	28°45	6° 2	6°21	8°32	1°27	T 28
F 29	20 55 50	12°38'56	19°48	10° 2	13°24	1° 3	27° 4	26°30	3°56	8°16	28°44	5°54	6°18	8°39	1°32	F 29
S 30	20 59 46	13°36'36	4♈17	10°57	14°38	1°42	27°11	26°33	3°57	8°16	28°43	5°49	6°15	8°46	1°37	S 30
S 31	21 3 43	14♌34'17	18♈16	11♍50	15♌53	2♌20	27♎19	26♎37	3♏58	8♏17	28♒42	5♏46	6♏11	8♌53	1♋42	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22n35	3s34	4n17	22n 4	1n47	23n41	0n27	23n50	0n57	8s27	1n12	7s33	2n30	12s23	0n26	12s33	1n51	23s56	13s 2	14s28	14s 9	13n58	18n10	5s21
S 2	22 28	1n16	3 30	21 37	1 45	23 38	0 29	23 47	0 58	8 29	1 11	7 34	2 29	12 23	0 26	12 33	1 51	23 57	13 2	14 27	14 8	13 57	18 10	5 21
S 3	22 21	5 53	2 31	21 9	1 42	23 34	0 32	23 43	0 58	8 30	1 11	7 35	2 29	12 23	0 26	12 33	1 51	23 57	13 2	14 26	14 7	13 55	18 10	5 22
M 4	22 13	10 4	1 25	20 40	1 38	23 29	0 34	23 39	0 58	8 32	1 11	7 35	2 29	12 23	0 26	12 33	1 51	23 58	13 2	14 26	14 6	13 53	18 10	5 22
T 5	22 5	13 39	0 17	20 10	1 34	23 24	0 36	23 35	0 59	8 33	1 11	7 36	2 29	12 23	0 26	12 33	1 51	23 58	13 3	14 26	14 5	13 52	18 9	5 22
W 6	21 56	16 30	0s50	19 38	1 30	23 18	0 38	23 31	0 59	8 35	1 10	7 37	2 28	12 23	0 26	12 33	1 51	23 59	13 3	14 26	14 4	13 50	18 9	5 22
T 7	21 47	18 30	1 54	19 6	1 25	23 12	0 40	23 26	0 59	8 37	1 10	7 37	2 28	12 23	0 26	12 33	1 51	23 59	13 3	14 25	14 3	13 49	18 9	5 23
F 8	21 38	19 36	2 51	18 33	1 20	23 5	0 42	23 21	1 0	8 38	1 10	7 38	2 28	12 23	0 26	12 33	1 51	24 0	13 3	14 24	14 2	13 47	18 9	5 23
S 9	21 29	19 47	3 39	17 59	1 14	22 57	0 44	23 17	1 0	8 40	1 10	7 39	2 28	12 23	0 26	12 33	1 50	24 0	13 4	14 22	14 1	13 45	18 9	5 23
S 10	21 19	19 3	4 18	17 24	1 8	22 48	0 46	23 11	1 0	8 42	1 9	7 40	2 27	12 23	0 26	12 33	1 50	24 1	13 4	14 18	14 0	13 44	18 8	5 23
M11	21 8	17 29	4 44	16 49	1 1	22 39	0 48	23 6	1 1	8 44	1 9	7 41	2 27	12 23	0 26	12 33	1 50	24 2	13 4	14 15	13 59	13 42	18 8	5 23
T 12	20 57	15 11	4 58	16 14	0 54	22 29	0 50	23 1	1 1	8 46	1 9	7 42	2 27	12 23	0 26	12 33	1 50	24 2	13 4	14 10	13 58	13 40	18 8	5 24
W13	20 46	12 16	4 59	15 38	0 46	22 18	0 52	22 55	1 1	8 48	1 8	7 43	2 27	12 24	0 26	12 33	1 50	24 3	13 5	14 6	13 57	13 39	18 8	5 24
T 14	20 35	8 51	4 47	15 2	0 39	22 7	0 54	22 50	1 1	8 50	1 8	7 44	2 26	12 24	0 26	12 33	1 50	24 3	13 5	14 2	13 56	13 37	18 7	5 24
F 15	20 23	5 6	4 22	14 25	0 31	21 55	0 56	22 44	1 2	8 52	1 8	7 45	2 26	12 24	0 26	12 33	1 50	24 4	13 5	13 58	13 55	13 35	18 7	5 25
S 16	20 11	1 7	3 46	13 49	0 22	21 42	0 57	22 38	1 2	8 55	1 8	7 46	2 26	12 24	0 26	12 33	1 50	24 5	13 5	13 55	13 54	13 34	18 7	5 25
S 17	19 59	2s58	2 59	13 12	0 14	21 29	0 59	22 31	1 2	8 57	1 7	7 47	2 26	12 24	0 26	12 33	1 50	24 5	13 5	13 53	13 53	13 32	18 6	5 25
M18	19 46	6 59	2 4	12 36	0 5	21 15	1 1	22 25	1 3	8 59	1 7	7 48	2 25	12 25	0 26	12 34	1 50	24 6	13 6	13 53	13 52	13 30	18 6	5 25
T 19	19 33	10 47	1 1	11 59	0s 4	21 1	1 2	22 18	1 3	9 1	1 7	7 49	2 25	12 25	0 26	12 34	1 50	24 6	13 6	13 52	13 51	13 29	18 6	5 26
W20	19 19	14 11	0n 7	11 23	0 14	20 46	1 4	22 11	1 3	9 4	1 7	7 51	2 25	12 25	0 26	12 34	1 50	24 7	13 6	13 52	13 50	13 27	18 5	5 26
T 21	19 6	16 58	1 16	10 46	0 23	20 30	1 6	22 5	1 3	9 6	1 6	7 52	2 24	12 26	0 26	12 34	1 50	24 7	13 6	13 52	13 49	13 25	18 5	5 26
F 22	18 51	18 53	2 23	10 10	0 33	20 14	1 7	21 57	1 4	9 9	1 6	7 53	2 24	12 26	0 26	12 34	1 50	24 8	13 6	13 51	13 47	13 24	18 5	5 27
S 23	18 37	19 42	3 24	9 35	0 43	19 57	1 8	21 50	1 4	9 11	1 6	7 54	2 24	12 26	0 26	12 34	1 50	24 9	13 6	13 50	13 46	13 22	18 4	5 27
S 24	18 22	19 15	4 13	9 0	0 53	19 40	1 10	21 43	1 4	9 14	1 6	7 56	2 24	12 27	0 26	12 34	1 50	24 9	13 7	13 48	13 45	13 20	18 4	5 27
M25	18 7	17 26	4 47	8 25	1 3	19 22	1 11	21 35	1 4	9 17	1 6	7 57	2 23	12 27	0 26	12 35	1 49	24 10	13 7	13 45	13 44	13 19	18 4	5 28
T 26	17 52	14 23	5 0	7 51	1 14	19 3	1 12	21 28	1 5	9 19	1 5	7 58	2 23	12 27	0 26	12 35	1 49	24 10	13 7	13 42	13 43	13 17	18 3	5 28
W27	17 36	10 20	4 52	7 17	1 24	18 44	1 14	21 20	1 5	9 22	1 5	8 0	2 23	12 28	0 25	12 35	1 49	24 11	13 7	13 38	13 42	13 15	18 3	5 28
T 28	17 21	5 40	4 24	6 45	1 35	18 24	1 15	21 12	1 5	9 25	1 5	8 1	2 23	12 28	0 25	12 35	1 49	24 11	13 7	13 35	13 41	13 14	18 2	5 29
F 29	17 4	0 43	3 37	6 13	1 45	18 4	1 16	21 4	1 5	9 28	1 5	8 3	2 23	12 29	0 25	12 35	1 49	24 12	13 7	13 32	13 40	13 12	18 2	5 29
S 30	16 48	4n 7	2 38	5 42	1 56	17 44	1 17	20 55	1 6	9 31	1 4	8 4	2 22	12 29	0 25	12 36	1 49	24 13	13 7	13 30	13 39	13 10	18 2	5 30
S 31	16n31	8n36	1n31	5n12	2s 7	17n22	1n18	20n47	1n 6	9s33	1n 4	8s 6	2n22	12s30	0n25	12s36	1n49	24s13	13s 8	13s30	13s38	13n 9	18n 1	5s30

Julian Day Number = 2198255.5, Delta T = 10m14s
Ecliptic obliquity = 23°31'38, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°04'05, Lahiri = 14°11'06 Julian Calendar 1 July 1306 == Greg. Calendar 9 July 1306

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ASTRODIENST EPHEMERIS for the year 1306
geocentric

AUGUST 1306 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	21 7 39	15♌32'00	1♉47	12♍40	17♌ 7	2♌58	27♎26	26♎41	4♏ 0	8♏18	28°R40	5°D45	6♏ 8	8♌59	1♋46	M 1
T 2	21 11 36	16°29'44	14°52	13°26	18°21	3°37	27°34	26°44	4° 1	8°18	28♒39	5°R45	6° 5	9° 6	1°51	T 2
W 3	21 15 32	17°27'30	27°34	14° 9	19°35	4°15	27°42	26°48	4° 3	8°19	28°38	5♏45	6° 2	9°13	1°56	W 3
T 4	21 19 29	18°25'19	9♊57	14°49	20°50	4°53	27°50	26°52	4° 4	8°20	28°37	5°43	5°59	9°19	2° 1	T 4
F 5	21 23 25	19°23'08	22° 8	15°24	22° 4	5°32	27°58	26°56	4° 6	8°20	28°35	5°39	5°56	9°26	2° 5	F 5
S 6	21 27 22	20°21'00	4♋ 9	15°55	23°18	6°10	28° 6	27° 0	4° 7	8°21	28°34	5°33	5°52	9°33	2°10	S 6
S 7	21 31 19	21°18'53	16° 4	16°22	24°33	6°48	28°15	27° 4	4° 9	8°22	28°33	5°23	5°49	9°40	2°15	S 7
M 8	21 35 15	22°16'48	27°56	16°45	25°47	7°27	28°23	27° 9	4°11	8°23	28°32	5°12	5°46	9°46	2°19	M 8
T 9	21 39 12	23°14'45	9♌48	17° 2	27° 2	8° 5	28°32	27°13	4°12	8°24	28°30	4°59	5°43	9°53	2°24	T 9
W10	21 43 8	24°12'43	21°41	17°15	28°16	8°43	28°41	27°17	4°14	8°24	28°29	4°45	5°40	10° 0	2°28	W10
T 11	21 47 5	25°10'43	3♍36	17°22	29°30	9°21	28°49	27°22	4°16	8°25	28°28	4°33	5°36	10° 7	2°32	T 11
F 12	21 51 1	26° 8'44	15°35	17°R23	0♍45	9°59	28°58	27°26	4°18	8°26	28°27	4°23	5°33	10°13	2°37	F 12
S 13	21 54 58	27° 6'47	27°40	17°18	1°59	10°38	29° 7	27°31	4°20	8°27	28°25	4°15	5°30	10°20	2°41	S 13
S 14	21 58 54	28° 4'51	9♎52	17° 8	3°14	11°16	29°17	27°36	4°22	8°28	28°24	4° 9	5°27	10°27	2°45	S 14
M15	22 2 51	29° 2'57	22°14	16°51	4°28	11°54	29°26	27°40	4°24	8°29	28°23	4° 7	5°24	10°33	2°49	M15
T 16	22 6 48	0♍ 1'05	4♏49	16°28	5°43	12°32	29°35	27°45	4°26	8°30	28°22	4°D 6	5°21	10°40	2°53	T 16
W17	22 10 44	0°59'14	17°41	15°59	6°57	13°10	29°45	27°50	4°28	8°31	28°20	4° 6	5°17	10°47	2°57	W17
T 18	22 14 41	1°57'24	0♐53	15°23	8°12	13°48	29°54	27°55	4°30	8°33	28°19	4°R 7	5°14	10°54	3° 1	T 18
F 19	22 18 37	2°55'37	14°29	14°42	9°26	14°26	0♏ 4	28° 0	4°32	8°34	28°18	4° 6	5°11	11° 0	3° 5	F 19
S 20	22 22 34	3°53'50	28°30	13°55	10°41	15° 4	0°14	28° 5	4°35	8°35	28°16	4° 4	5° 8	11° 7	3° 9	S 20
S 21	22 26 30	4°52'05	12♑57	13° 4	11°55	15°42	0°24	28°10	4°37	8°36	28°15	3°59	5° 5	11°14	3°13	S 21
M22	22 30 27	5°50'22	27°46	12° 8	13°10	16°20	0°34	28°15	4°39	8°37	28°14	3°53	5° 2	11°20	3°17	M22
T 23	22 34 23	6°48'40	12♒51	11°10	14°24	16°58	0°44	28°21	4°42	8°39	28°13	3°44	4°58	11°27	3°20	T 23
W24	22 38 20	7°47'00	28° 3	10° 9	15°39	17°36	0°54	28°26	4°44	8°40	28°11	3°36	4°55	11°34	3°24	W24
T 25	22 42 17	8°45'22	13♓11	9° 8	16°53	18°14	1° 4	28°31	4°47	8°41	28°10	3°28	4°52	11°41	3°27	T 25
F 26	22 46 13	9°43'45	28° 5	8° 8	18° 8	18°52	1°14	28°37	4°49	8°43	28° 9	3°22	4°49	11°47	3°31	F 26
S 27	22 50 10	10°42'11	12♈38	7° 9	19°22	19°30	1°25	28°42	4°52	8°44	28° 8	3°18	4°46	11°54	3°34	S 27
S 28	22 54 6	11°40'39	26°44	6°15	20°37	20° 8	1°35	28°48	4°54	8°45	28° 6	3°D16	4°42	12° 1	3°37	S 28
M29	22 58 3	12°39'09	10♉21	5°25	21°51	20°46	1°46	28°53	4°57	8°47	28° 5	3°16	4°39	12° 8	3°41	M29
T 30	23 1 59	13°37'41	23°31	4°42	23° 6	21°24	1°57	28°59	4°59	8°48	28° 4	3°17	4°36	12°14	3°44	T 30
W31	23 5 56	14♍36'15	6♊17	4♍ 6	24♍20	22♌ 2	2♏ 7	29♎ 5	5♏ 2	8♏50	28♒ 3	3♏18	4♏33	12♌21	3♋47	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	16n14	12n28	0n21	4n43	2s18	17n 1	1n19	20n38	1n 6	9s36	1n 4	8s 7	2n22	12s30	0n25	12s36	1n49	24s14	13s 8	13s29	13s37	13n 7	18n 1	5s30
T 2	15 57	15 35	0s48	4 15	2 28	16 39	1 20	20 30	1 6	9 39	1 4	8 9	2 22	12 31	0 25	12 36	1 49	24 14	13 8	13 29	13 36	13 5	18 0	5 31
W 3	15 39	17 51	1 53	3 49	2 39	16 16	1 20	20 21	1 7	9 42	1 3	8 10	2 21	12 31	0 25	12 37	1 49	24 15	13 8	13 29	13 35	13 4	18 0	5 31
T 4	15 22	19 13	2 50	3 24	2 49	15 53	1 21	20 12	1 7	9 46	1 3	8 12	2 21	12 32	0 25	12 37	1 49	24 15	13 8	13 29	13 34	13 2	17 59	5 31
F 5	15 4	19 39	3 39	3 1	2 59	15 30	1 22	20 2	1 7	9 49	1 3	8 14	2 21	12 32	0 25	12 37	1 49	24 16	13 8	13 27	13 33	13 0	17 59	5 32
S 6	14 45	19 10	4 18	2 40	3 9	15 6	1 22	19 53	1 7	9 52	1 3	8 15	2 21	12 33	0 25	12 38	1 49	24 16	13 8	13 25	13 32	12 58	17 58	5 32
S 7	14 27	17 51	4 44	2 20	3 19	14 41	1 23	19 44	1 8	9 55	1 3	8 17	2 20	12 33	0 25	12 38	1 49	24 17	13 8	13 22	13 31	12 57	17 58	5 33
M 8	14 8	15 46	4 59	2 3	3 29	14 17	1 23	19 34	1 8	9 58	1 2	8 19	2 20	12 34	0 25	12 38	1 49	24 17	13 8	13 18	13 30	12 55	17 57	5 33
T 9	13 49	13 2	5 0	1 48	3 38	13 52	1 24	19 24	1 8	10 1	1 2	8 21	2 20	12 35	0 25	12 38	1 49	24 18	13 8	13 14	13 28	12 53	17 57	5 34
W10	13 30	9 47	4 48	1 35	3 46	13 26	1 24	19 15	1 8	10 5	1 2	8 22	2 20	12 35	0 25	12 39	1 48	24 18	13 8	13 9	13 27	12 52	17 56	5 34
T 11	13 11	6 7	4 24	1 25	3 54	13 0	1 25	19 5	1 8	10 8	1 2	8 24	2 20	12 36	0 25	12 39	1 48	24 19	13 9	13 5	13 26	12 50	17 56	5 34
F 12	12 51	2 12	3 48	1 18	4 1	12 34	1 25	18 55	1 9	10 11	1 1	8 26	2 19	12 36	0 25	12 40	1 48	24 20	13 9	13 2	13 25	12 48	17 55	5 35
S 13	12 31	1s50	3 1	1 14	4 8	12 8	1 25	18 44	1 9	10 15	1 1	8 28	2 19	12 37	0 25	12 40	1 48	24 20	13 9	12 59	13 24	12 47	17 55	5 35
S 14	12 11	5 50	2 5	1 13	4 13	11 41	1 25	18 34	1 9	10 18	1 1	8 30	2 19	12 38	0 25	12 40	1 48	24 21	13 9	12 57	13 23	12 45	17 54	5 36
M15	11 51	9 39	1 3	1 16	4 17	11 14	1 25	18 24	1 9	10 22	1 1	8 32	2 19	12 39	0 25	12 41	1 48	24 21	13 9	12 56	13 22	12 43	17 54	5 36
T 16	11 30	13 7	0n 4	1 22	4 20	10 46	1 25	18 13	1 9	10 25	1 1	8 33	2 18	12 39	0 25	12 41	1 48	24 22	13 9	12 56	13 21	12 41	17 53	5 37
W17	11 10	16 1	1 12	1 31	4 22	10 18	1 25	18 2	1 10	10 29	1 0	8 35	2 18	12 40	0 25	12 41	1 48	24 22	13 9	12 56	13 20	12 40	17 53	5 37
T 18	10 49	18 10	2 18	1 45	4 22	9 50	1 25	17 52	1 10	10 32	1 0	8 37	2 18	12 41	0 25	12 42	1 48	24 22	13 9	12 56	13 19	12 38	17 52	5 38
F 19	10 28	19 20	3 18	2 2	4 21	9 22	1 25	17 41	1 10	10 36	1 0	8 39	2 18	12 42	0 25	12 42	1 48	24 23	13 9	12 56	13 18	12 36	17 51	5 38
S 20	10 7	19 23	4 9	2 23	4 18	8 53	1 24	17 30	1 10	10 40	1 0	8 41	2 18	12 42	0 25	12 43	1 48	24 23	13 9	12 55	13 17	12 35	17 51	5 39
S 21	9 46	18 10	4 45	2 47	4 13	8 25	1 24	17 18	1 10	10 43	1 0	8 43	2 18	12 43	0 25	12 43	1 48	24 24	13 9	12 54	13 16	12 33	17 50	5 39
M22	9 24	15 44	5 3	3 15	4 6	7 56	1 24	17 7	1 11	10 47	1 0	8 45	2 17	12 44	0 25	12 44	1 48	24 24	13 9	12 51	13 15	12 31	17 50	5 40
T 23	9 3	12 12	5 1	3 45	3 57	7 26	1 23	16 56	1 11	10 51	0 59	8 47	2 17	12 45	0 25	12 44	1 48	24 25	13 9	12 49	13 14	12 29	17 49	5 40
W24	8 41	7 51	4 38	4 18	3 46	6 57	1 23	16 44	1 11	10 54	0 59	8 49	2 17	12 46	0 25	12 44	1 48	24 25	13 9	12 46	13 13	12 28	17 49	5 41
T 25	8 19	3 1	3 55	4 53	3 33	6 27	1 22	16 33	1 11	10 58	0 59	8 51	2 17	12 46	0 25	12 45	1 48	24 26	13 9	12 43	13 11	12 26	17 48	5 41
F 26	7 57	1n57	2 57	5 29	3 19	5 57	1 21	16 21	1 11	11 2	0 59	8 54	2 17	12 47	0 25	12 45	1 48	24 26	13 9	12 41	13 10	12 24	17 47	5 42
S 27	7 35	6 40	1 49	6 5	3 3	5 27	1 20	16 9	1 12	11 6	0 59	8 56	2 16	12 48	0 25	12 46	1 48	24 27	13 9	12 40	13 9	12 23	17 47	5 42
S 28	7 13	10 53	0 35	6 41	2 46	4 57	1 20	15 58	1 12	11 9	0 58	8 58	2 16	12 49	0 25	12 46	1 47	24 27	13 9	12 39	13 8	12 21	17 46	5 43
M29	6 50	14 23	0s38	7 16	2 27	4 27	1 19	15 46	1 12	11 13	0 58	9 0	2 16	12 50	0 25	12 47	1 47	24 27	13 9	12 39	13 7	12 19	17 46	5 43
T 30	6 28	17 0	1 47	7 50	2 8	3 56	1 18	15 33	1 12	11 17	0 58	9 2	2 16	12 51	0 25	12 47	1 47	24 28	13 9	12 39	13 6	12 17	17 45	5 44
W31	6n 5	18n40	2s48	8n21	1s48	3n26	1n17	15n21	1n12	11s21	0n58	9s 4	2n16	12s52	0n24	12s48	1n47	24s28	13s 9	12s40	13s 5	12n16	17n44	5s44

Julian Day Number = 2198286.5, Delta T = 10m14s
Ecliptic obliquity = 23°31'38, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°04'09, Lahiri = 14°11'10 Julian Calendar 1 Aug. 1306 == Greg. Calendar 9 Aug. 1306

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ASTRODIENST EPHEMERIS for the year 1306
geocentric

SEPTEMBER 1306 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	23 9 52	15♍34'52	18♊43	3°R38	25♍35	22♌40	2♏18	29♎11	5♏ 5	8♏51	28°R 2	3°R19	4♏30	12♌28	3♋50	T 1
F 2	23 13 49	16°33'31	0♋54	3♍20	26°50	23°18	2°29	29°16	5° 7	8°53	28♒ 0	3♏17	4°27	12°34	3°53	F 2
S 3	23 17 45	17°32'12	12°54	3°D10	28° 4	23°56	2°40	29°22	5°10	8°54	27°59	3°14	4°23	12°41	3°56	S 3
S 4	23 21 42	18°30'55	24°48	3°11	29°19	24°34	2°51	29°28	5°13	8°56	27°58	3° 9	4°20	12°48	3°59	S 4
M 5	23 25 39	19°29'41	6♌39	3°21	0♎33	25°11	3° 3	29°34	5°16	8°57	27°57	3° 2	4°17	12°55	4° 1	M 5
T 6	23 29 35	20°28'28	18°31	3°41	1°48	25°49	3°14	29°40	5°19	8°59	27°56	2°55	4°14	13° 1	4° 4	T 6
W 7	23 33 32	21°27'18	0♍27	4°11	3° 3	26°27	3°25	29°46	5°22	9° 1	27°55	2°46	4°11	13° 8	4° 7	W 7
T 8	23 37 28	22°26'10	12°28	4°50	4°17	27° 5	3°36	29°52	5°25	9° 2	27°53	2°39	4° 8	13°15	4° 9	T 8
F 9	23 41 25	23°25'04	24°37	5°37	5°32	27°43	3°48	29°59	5°28	9° 4	27°52	2°33	4° 4	13°21	4°12	F 9
S 10	23 45 21	24°24'00	6♎53	6°33	6°47	28°21	3°59	0♏ 5	5°31	9° 6	27°51	2°28	4° 1	13°28	4°14	S 10
S 11	23 49 18	25°22'59	19°19	7°36	8° 1	28°58	4°11	0°11	5°34	9° 7	27°50	2°25	3°58	13°35	4°16	S 11
M12	23 53 14	26°21'59	1♏55	8°45	9°16	29°36	4°23	0°17	5°37	9° 9	27°49	2°D24	3°55	13°42	4°19	M12
T 13	23 57 11	27°21'01	14°44	10° 1	10°31	0♍14	4°35	0°24	5°40	9°11	27°48	2°25	3°52	13°48	4°21	T 13
W14	0 1 8	28°20'05	27°46	11°22	11°45	0°52	4°46	0°30	5°43	9°13	27°47	2°26	3°48	13°55	4°23	W14
T 15	0 5 4	29°19'10	11♐ 4	12°48	13° 0	1°29	4°58	0°37	5°46	9°14	27°46	2°28	3°45	14° 2	4°25	T 15
F 16	0 9 1	0♎18'18	24°40	14°17	14°14	2° 7	5°10	0°43	5°49	9°16	27°45	2°R29	3°42	14° 9	4°27	F 16
S 17	0 12 57	1°17'27	8♑35	15°50	15°29	2°45	5°22	0°50	5°53	9°18	27°44	2°29	3°39	14°15	4°28	S 17
S 18	0 16 54	2°16'38	22°48	17°26	16°44	3°23	5°34	0°56	5°56	9°20	27°43	2°27	3°36	14°22	4°30	S 18
M19	0 20 50	3°15'51	7♒17	19° 4	17°58	4° 0	5°46	1° 3	5°59	9°22	27°42	2°25	3°33	14°29	4°32	M19
T 20	0 24 47	4°15'06	21°59	20°44	19°13	4°38	5°58	1° 9	6° 3	9°24	27°41	2°21	3°29	14°35	4°33	T 20
W21	0 28 43	5°14'23	6♓48	22°26	20°28	5°16	6°11	1°16	6° 6	9°26	27°40	2°17	3°26	14°42	4°35	W21
T 22	0 32 40	6°13'41	21°36	24° 9	21°42	5°53	6°23	1°23	6° 9	9°28	27°39	2°13	3°23	14°49	4°36	T 22
F 23	0 36 36	7°13'01	6♈15	25°52	22°57	6°31	6°35	1°29	6°13	9°30	27°38	2°11	3°20	14°56	4°37	F 23
S 24	0 40 33	8°12'24	20°38	27°36	24°11	7° 8	6°48	1°36	6°16	9°32	27°37	2° 9	3°17	15° 2	4°39	S 24
S 25	0 44 30	9°11'48	4♉41	29°21	25°26	7°46	7° 0	1°43	6°19	9°34	27°36	2°D 9	3°13	15° 9	4°40	S 25
M26	0 48 26	10°11'15	18°19	1♎ 5	26°41	8°24	7°13	1°50	6°23	9°36	27°35	2° 9	3°10	15°16	4°41	M26
T 27	0 52 23	11°10'44	1♊33	2°50	27°55	9° 1	7°25	1°57	6°26	9°38	27°34	2°11	3° 7	15°22	4°42	T 27
W28	0 56 19	12°10'16	14°23	4°34	29°10	9°39	7°38	2° 3	6°30	9°40	27°33	2°12	3° 4	15°29	4°43	W28
T 29	1 0 16	13° 9'50	26°53	6°18	0♏25	10°16	7°50	2°10	6°33	9°42	27°33	2°14	3° 1	15°36	4°43	T 29
F 30	1 4 12	14♎ 9'26	9♋ 7	8♎ 2	1♏39	10♍54	8♏ 3	2♏17	6♏37	9♏44	27♒32	2°R14	2♏58	15♌43	4♋44	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	5n42	19n23	3s40	8n50	1s29	2n55	1n16	15n 9	1n12	11s25	0n58	9s 7	2n16	12s53	0n24	12s48	1n47	24s29	13s 8	12s40	13s 4	12n14	17n44	5s45
F 2	5 19	19 11	4 21	9 15	1 9	2 24	1 15	14 57	1 13	11 29	0 58	9 9	2 15	12 54	0 24	12 49	1 47	24 29	13 8	12 39	13 3	12 12	17 43	5 45
S 3	4 57	18 6	4 49	9 36	0 50	1 54	1 14	14 44	1 13	11 33	0 57	9 11	2 15	12 55	0 24	12 50	1 47	24 29	13 8	12 38	13 2	12 11	17 42	5 46
S 4	4 34	16 15	5 5	9 54	0 31	1 23	1 12	14 32	1 13	11 37	0 57	9 13	2 15	12 56	0 24	12 50	1 47	24 30	13 8	12 37	13 1	12 9	17 42	5 46
M 5	4 10	13 43	5 8	10 7	0 13	0 52	1 11	14 19	1 13	11 41	0 57	9 15	2 15	12 57	0 24	12 51	1 47	24 30	13 8	12 34	13 0	12 7	17 41	5 47
T 6	3 47	10 37	4 57	10 15	0n 4	0 21	1 10	14 6	1 13	11 45	0 57	9 18	2 15	12 58	0 24	12 51	1 47	24 30	13 8	12 32	12 59	12 5	17 41	5 48
W 7	3 24	7 5	4 34	10 19	0 20	0s10	1 8	13 54	1 13	11 49	0 57	9 20	2 15	12 59	0 24	12 52	1 47	24 31	13 8	12 29	12 58	12 4	17 40	5 48
T 8	3 1	3 15	3 58	10 19	0 35	0 41	1 7	13 41	1 14	11 53	0 57	9 22	2 14	13 0	0 24	12 52	1 47	24 31	13 8	12 26	12 56	12 2	17 39	5 49
F 9	2 37	0s46	3 11	10 14	0 48	1 12	1 5	13 28	1 14	11 57	0 57	9 25	2 14	13 1	0 24	12 53	1 47	24 31	13 8	12 24	12 55	12 0	17 39	5 49
S 10	2 14	4 48	2 14	10 5	1 0	1 43	1 4	13 15	1 14	12 1	0 56	9 27	2 14	13 2	0 24	12 53	1 47	24 32	13 8	12 22	12 54	11 58	17 38	5 50
S 11	1 50	8 41	1 11	9 51	1 11	2 15	1 2	13 2	1 14	12 5	0 56	9 29	2 14	13 3	0 24	12 54	1 47	24 32	13 8	12 21	12 53	11 57	17 37	5 50
M12	1 27	12 14	0 3	9 34	1 21	2 46	1 0	12 49	1 14	12 9	0 56	9 32	2 14	13 4	0 24	12 55	1 47	24 32	13 7	12 21	12 52	11 55	17 37	5 51
T 13	1 3	15 15	1n 7	9 13	1 29	3 16	0 59	12 35	1 14	12 13	0 56	9 34	2 14	13 5	0 24	12 55	1 47	24 32	13 7	12 21	12 51	11 53	17 36	5 52
W14	0 40	17 33	2 14	8 49	1 36	3 47	0 57	12 22	1 14	12 17	0 56	9 36	2 14	13 6	0 24	12 56	1 47	24 33	13 7	12 22	12 50	11 51	17 35	5 52
T 15	0 16	18 57	3 16	8 21	1 42	4 18	0 55	12 9	1 15	12 21	0 56	9 39	2 14	13 7	0 24	12 56	1 47	24 33	13 7	12 22	12 49	11 50	17 35	5 53
F 16	0s 7	19 18	4 8	7 51	1 47	4 49	0 53	11 55	1 15	12 25	0 55	9 41	2 13	13 8	0 24	12 57	1 47	24 33	13 7	12 23	12 48	11 48	17 34	5 53
S 17	0 31	18 29	4 46	7 18	1 51	5 20	0 51	11 42	1 15	12 29	0 55	9 43	2 13	13 9	0 24	12 58	1 47	24 33	13 7	12 23	12 47	11 46	17 33	5 54
S 18	0 55	16 31	5 9	6 43	1 53	5 50	0 49	11 28	1 15	12 34	0 55	9 46	2 13	13 10	0 24	12 58	1 47	24 34	13 7	12 22	12 46	11 44	17 33	5 54
M19	1 18	13 29	5 12	6 6	1 55	6 21	0 47	11 15	1 15	12 38	0 55	9 48	2 13	13 11	0 24	12 59	1 47	24 34	13 7	12 21	12 45	11 43	17 32	5 55
T 20	1 42	9 35	4 55	5 27	1 56	6 51	0 45	11 1	1 15	12 42	0 55	9 51	2 13	13 12	0 24	13 0	1 47	24 34	13 6	12 20	12 43	11 41	17 31	5 56
W21	2 5	5 3	4 18	4 47	1 56	7 21	0 43	10 47	1 15	12 46	0 55	9 53	2 13	13 13	0 24	13 0	1 46	24 34	13 6	12 19	12 42	11 39	17 31	5 56
T 22	2 29	0 13	3 24	4 6	1 55	7 51	0 41	10 33	1 15	12 50	0 55	9 55	2 13	13 15	0 24	13 1	1 46	24 34	13 6	12 17	12 41	11 37	17 30	5 57
F 23	2 52	4n36	2 18	3 23	1 54	8 21	0 39	10 19	1 16	12 54	0 55	9 58	2 13	13 16	0 24	13 2	1 46	24 35	13 6	12 16	12 40	11 36	17 30	5 57
S 24	3 16	9 4	1 3	2 40	1 52	8 51	0 37	10 6	1 16	12 59	0 54	10 0	2 13	13 17	0 24	13 2	1 46	24 35	13 6	12 16	12 39	11 34	17 29	5 58
S 25	3 39	12 55	0s14	1 56	1 49	9 20	0 35	9 52	1 16	13 3	0 54	10 3	2 12	13 18	0 24	13 3	1 46	24 35	13 6	12 16	12 38	11 32	17 28	5 59
M26	4 3	15 56	1 28	1 11	1 46	9 49	0 32	9 38	1 16	13 7	0 54	10 5	2 12	13 19	0 24	13 4	1 46	24 35	13 5	12 16	12 37	11 30	17 28	5 59
T 27	4 26	18 1	2 35	0 26	1 42	10 18	0 30	9 23	1 16	13 11	0 54	10 7	2 12	13 20	0 24	13 4	1 46	24 35	13 5	12 16	12 36	11 29	17 27	6 0
W28	4 50	19 6	3 32	0s19	1 38	10 47	0 28	9 9	1 16	13 15	0 54	10 10	2 12	13 21	0 24	13 5	1 46	24 35	13 5	12 17	12 35	11 27	17 26	6 1
T 29	5 13	19 12	4 18	1 4	1 34	11 16	0 25	8 55	1 16	13 19	0 54	10 12	2 12	13 23	0 24	13 6	1 46	24 36	13 5	12 17	12 34	11 25	17 26	6 1
F 30	5s36	18n23	4s51	1s50	1n29	11s44	0n23	8n41	1n16	13s24	0n54	10s15	2n12	13s24	0n24	13s 6	1n46	24s36	13s 5	12s18	12s33	11n23	17n25	6s 2

Julian Day Number = 2198317.5, Delta T = 10m14s
Ecliptic obliquity = 23°31'38, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°04'14, Lahiri = 14°11'14 Julian Calendar 1 Sept. 1306 == Greg. Calendar 9 Sept. 1306

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ASTRODIENST EPHEMERIS for the year 1306
geocentric

OCTOBER 1306 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	1 8 9	15♎ 9'04	21♋ 9	9♎46	2♏54	11♍31	8♏16	2♏24	6♏40	9♏46	27°R31	2°R14	2♏54	15♌49	4♋45	S 1
S 2	1 12 5	16° 8'45	3♌ 4	11°29	4° 8	12° 9	8°28	2°31	6°44	9°48	27♒30	2♏14	2°51	15°56	4°45	S 2
M 3	1 16 2	17° 8'28	14°55	13°11	5°23	12°47	8°41	2°38	6°47	9°50	27°30	2°12	2°48	16° 3	4°46	M 3
T 4	1 19 59	18° 8'13	26°49	14°53	6°38	13°24	8°54	2°45	6°51	9°52	27°29	2°10	2°45	16°10	4°46	T 4
W 5	1 23 55	19° 8'01	8♍48	16°35	7°52	14° 2	9° 7	2°52	6°55	9°54	27°28	2° 8	2°42	16°16	4°46	W 5
T 6	1 27 52	20° 7'50	20°55	18°16	9° 7	14°39	9°20	2°59	6°58	9°56	27°27	2° 6	2°39	16°23	4°46	T 6
F 7	1 31 48	21° 7'42	3♎13	19°56	10°22	15°17	9°32	3° 6	7° 2	9°59	27°27	2° 5	2°35	16°30	4°R47	F 7
S 8	1 35 45	22° 7'36	15°44	21°36	11°36	15°54	9°45	3°13	7° 5	10° 1	27°26	2° 4	2°32	16°36	4°46	S 8
S 9	1 39 41	23° 7'32	28°28	23°15	12°51	16°32	9°58	3°20	7° 9	10° 3	27°25	2°D 3	2°29	16°43	4°46	S 9
M10	1 43 38	24° 7'29	11♏25	24°54	14° 5	17° 9	10°11	3°27	7°13	10° 5	27°25	2° 3	2°26	16°50	4°46	M10
T 11	1 47 34	25° 7'29	24°36	26°33	15°20	17°46	10°24	3°34	7°16	10° 7	27°24	2° 4	2°23	16°57	4°46	T 11
W12	1 51 31	26° 7'31	8♐ 0	28°10	16°35	18°24	10°38	3°41	7°20	10°10	27°24	2° 4	2°19	17° 3	4°46	W12
T 13	1 55 28	27° 7'34	21°36	29°48	17°49	19° 1	10°51	3°49	7°24	10°12	27°23	2° 5	2°16	17°10	4°45	T 13
F 14	1 59 24	28° 7'39	5♑24	1♏25	19° 4	19°39	11° 4	3°56	7°27	10°14	27°23	2° 5	2°13	17°17	4°45	F 14
S 15	2 3 21	29° 7'46	19°22	3° 1	20°18	20°16	11°17	4° 3	7°31	10°16	27°22	2° 6	2°10	17°23	4°44	S 15
S 16	2 7 17	0♏ 7'54	3♒29	4°37	21°33	20°53	11°30	4°10	7°35	10°18	27°22	2°R 6	2° 7	17°30	4°43	S 16
M17	2 11 14	1° 8'03	17°44	6°12	22°48	21°31	11°43	4°17	7°39	10°21	27°21	2° 6	2° 4	17°37	4°42	M17
T 18	2 15 10	2° 8'14	2♓ 4	7°47	24° 2	22° 8	11°56	4°24	7°42	10°23	27°21	2°D 5	2° 0	17°44	4°41	T 18
W19	2 19 7	3° 8'27	16°25	9°22	25°17	22°45	12°10	4°31	7°46	10°25	27°21	2° 6	1°57	17°50	4°41	W19
T 20	2 23 3	4° 8'41	0♈43	10°56	26°31	23°23	12°23	4°39	7°50	10°27	27°20	2° 6	1°54	17°57	4°39	T 20
F 21	2 27 0	5° 8'57	14°55	12°30	27°46	24° 0	12°36	4°46	7°54	10°30	27°20	2° 6	1°51	18° 4	4°38	F 21
S 22	2 30 57	6° 9'15	28°56	14° 4	29° 0	24°37	12°49	4°53	7°57	10°32	27°19	2°R 6	1°48	18°10	4°37	S 22
S 23	2 34 53	7° 9'34	12♉43	15°37	0♐15	25°14	13° 3	5° 0	8° 1	10°34	27°19	2° 6	1°44	18°17	4°36	S 23
M24	2 38 50	8° 9'55	26°11	17°10	1°29	25°52	13°16	5° 7	8° 5	10°36	27°19	2° 6	1°41	18°24	4°34	M24
T 25	2 42 46	9°10'18	9♊20	18°42	2°44	26°29	13°29	5°14	8° 8	10°39	27°19	2° 5	1°38	18°31	4°33	T 25
W26	2 46 43	10°10'43	22°10	20°14	3°58	27° 6	13°43	5°21	8°12	10°41	27°18	2° 4	1°35	18°37	4°31	W26
T 27	2 50 39	11°11'09	4♋42	21°46	5°13	27°43	13°56	5°29	8°16	10°43	27°18	2° 3	1°32	18°44	4°30	T 27
F 28	2 54 36	12°11'38	16°58	23°18	6°27	28°21	14° 9	5°36	8°20	10°45	27°18	2° 1	1°29	18°51	4°28	F 28
S 29	2 58 32	13°12'08	29° 1	24°49	7°42	28°58	14°23	5°43	8°23	10°48	27°18	2° 1	1°25	18°57	4°26	S 29
S 30	3 2 29	14°12'40	10♌57	26°20	8°56	29°35	14°36	5°50	8°27	10°50	27°18	2°D 0	1°22	19° 4	4°24	S 30
M31	3 6 26	15♏13'14	22♌49	27♏51	10♐11	0♎12	14♏49	5♏57	8♏31	10♏52	27♒18	2♏ 0	1♏19	19♌11	4♋22	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	5s59	16n45	5s10	2s35	1n24	12s12	0n20	8n27	1n16	13s28	0n54	10s17	2n12	13s25	0n24	13s 7	1n46	24s36	13s 4	12s18	12s32	11n22	17n24	6s 2
S 2	6 22	14 25	5 16	3 21	1 19	12 40	0 18	8 12	1 17	13 32	0 54	10 20	2 12	13 26	0 24	13 8	1 46	24 36	13 4	12 17	12 30	11 20	17 24	6 3
M 3	6 45	11 30	5 8	4 6	1 13	13 7	0 15	7 58	1 17	13 36	0 53	10 22	2 12	13 27	0 24	13 8	1 46	24 36	13 4	12 17	12 29	11 18	17 23	6 4
T 4	7 8	8 7	4 47	4 51	1 8	13 34	0 13	7 44	1 17	13 40	0 53	10 25	2 12	13 29	0 24	13 9	1 46	24 36	13 4	12 16	12 28	11 16	17 23	6 4
W 5	7 31	4 23	4 14	5 35	1 2	14 1	0 10	7 29	1 17	13 45	0 53	10 27	2 12	13 30	0 24	13 10	1 46	24 36	13 4	12 16	12 27	11 14	17 22	6 5
T 6	7 54	0 25	3 28	6 20	0 56	14 28	0 8	7 15	1 17	13 49	0 53	10 29	2 12	13 31	0 24	13 10	1 46	24 36	13 3	12 15	12 26	11 13	17 21	6 5
F 7	8 16	3s37	2 33	7 4	0 49	14 54	0 5	7 0	1 17	13 53	0 53	10 32	2 11	13 32	0 24	13 11	1 46	24 36	13 3	12 14	12 25	11 11	17 21	6 6
S 8	8 39	7 35	1 29	7 47	0 43	15 20	0 3	6 46	1 17	13 57	0 53	10 34	2 11	13 33	0 24	13 12	1 46	24 36	13 3	12 14	12 24	11 9	17 20	6 7
S 9	9 1	11 17	0 20	8 30	0 37	15 45	0 0	6 31	1 17	14 1	0 53	10 37	2 11	13 35	0 24	13 12	1 46	24 36	13 3	12 14	12 23	11 7	17 19	6 7
M10	9 23	14 30	0n52	9 13	0 30	16 10	0s 2	6 17	1 17	14 6	0 53	10 39	2 11	13 36	0 24	13 13	1 46	24 36	13 2	12 14	12 22	11 6	17 19	6 8
T 11	9 45	17 1	2 2	9 55	0 23	16 34	0 5	6 2	1 17	14 10	0 53	10 42	2 11	13 37	0 24	13 14	1 46	24 36	13 2	12 14	12 21	11 4	17 18	6 8
W12	10 7	18 39	3 6	10 36	0 17	16 59	0 8	5 47	1 17	14 14	0 53	10 44	2 11	13 38	0 24	13 14	1 46	24 36	13 2	12 14	12 19	11 2	17 18	6 9
T 13	10 29	19 14	4 2	11 17	0 10	17 22	0 10	5 33	1 17	14 18	0 52	10 47	2 11	13 39	0 24	13 15	1 46	24 36	13 2	12 14	12 18	11 0	17 17	6 10
F 14	10 51	18 42	4 44	11 57	0 3	17 45	0 13	5 18	1 18	14 22	0 52	10 49	2 11	13 41	0 24	13 16	1 46	24 36	13 1	12 15	12 17	10 58	17 16	6 10
S 15	11 12	17 1	5 10	12 37	0s 3	18 8	0 15	5 3	1 18	14 27	0 52	10 51	2 11	13 42	0 24	13 17	1 46	24 36	13 1	12 15	12 16	10 57	17 16	6 11
S 16	11 34	14 18	5 17	13 16	0 10	18 31	0 18	4 49	1 18	14 31	0 52	10 54	2 11	13 43	0 24	13 17	1 46	24 36	13 1	12 15	12 15	10 55	17 15	6 11
M17	11 55	10 43	5 6	13 54	0 17	18 52	0 21	4 34	1 18	14 35	0 52	10 56	2 11	13 44	0 24	13 18	1 46	24 36	13 1	12 15	12 14	10 53	17 15	6 12
T 18	12 16	6 30	4 35	14 31	0 23	19 14	0 23	4 19	1 18	14 39	0 52	10 59	2 11	13 46	0 24	13 19	1 46	24 36	13 0	12 15	12 13	10 51	17 14	6 13
W19	12 36	1 53	3 47	15 8	0 30	19 34	0 26	4 5	1 18	14 43	0 52	11 1	2 11	13 47	0 24	13 19	1 46	24 36	13 0	12 15	12 12	10 50	17 14	6 13
T 20	12 57	2n49	2 45	15 44	0 36	19 55	0 29	3 50	1 18	14 47	0 52	11 4	2 11	13 48	0 24	13 20	1 46	24 36	13 0	12 15	12 11	10 48	17 13	6 14
F 21	13 17	7 21	1 34	16 20	0 43	20 14	0 31	3 35	1 18	14 51	0 52	11 6	2 11	13 49	0 24	13 21	1 46	24 35	13 0	12 15	12 10	10 46	17 13	6 14
S 22	13 37	11 25	0 18	16 54	0 49	20 34	0 34	3 20	1 18	14 55	0 52	11 8	2 11	13 50	0 24	13 22	1 46	24 35	12 59	12 15	12 8	10 44	17 12	6 15
S 23	13 57	14 47	0s59	17 28	0 56	20 52	0 36	3 5	1 18	14 59	0 52	11 11	2 11	13 52	0 24	13 22	1 46	24 35	12 59	12 15	12 7	10 42	17 12	6 16
M24	14 17	17 16	2 10	18 0	1 2	21 10	0 39	2 51	1 18	15 4	0 52	11 13	2 11	13 53	0 24	13 23	1 46	24 35	12 59	12 15	12 6	10 41	17 11	6 16
T 25	14 36	18 46	3 12	18 32	1 8	21 28	0 42	2 36	1 18	15 8	0 51	11 16	2 11	13 54	0 24	13 24	1 46	24 35	12 59	12 14	12 5	10 39	17 10	6 17
W26	14 55	19 15	4 3	19 3	1 14	21 45	0 44	2 21	1 18	15 12	0 51	11 18	2 11	13 55	0 24	13 24	1 46	24 35	12 58	12 14	12 4	10 37	17 10	6 17
T 27	15 14	18 45	4 41	19 33	1 20	22 1	0 47	2 6	1 18	15 16	0 51	11 20	2 11	13 56	0 24	13 25	1 46	24 35	12 58	12 14	12 3	10 35	17 9	6 18
F 28	15 33	17 23	5 6	20 2	1 25	22 16	0 49	1 51	1 18	15 20	0 51	11 23	2 11	13 58	0 24	13 26	1 46	24 34	12 58	12 13	12 2	10 33	17 9	6 18
S 29	15 52	15 16	5 16	20 31	1 31	22 31	0 52	1 37	1 18	15 24	0 51	11 25	2 11	13 59	0 24	13 26	1 46	24 34	12 58	12 13	12 1	10 32	17 8	6 19
S 30	16 10	12 32	5 13	20 58	1 36	22 46	0 54	1 22	1 18	15 28	0 51	11 27	2 11	14 0	0 24	13 27	1 46	24 34	12 57	12 13	12 0	10 30	17 8	6 19
M31	16s28	9n18	4s56	21s24	1s41	22s59	0s56	1n 7	1n18	15s32	0n51	11s30	2n11	14s 1	0n24	13s28	1n46	24s34	12s57	12s13	11s59	10n28	17n 8	6s20

Julian Day Number = 2198347.5, Delta T = 10m14s
Ecliptic obliquity = 23°31'38, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°04'18, Lahiri = 14°11'18 Julian Calendar 1 Oct. 1306 == Greg. Calendar 9 Oct. 1306

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ASTRODIENST EPHEMERIS for the year 1306
geocentric

NOVEMBER 1306 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	3 10 22	16♏13'50	4♍43	29♏22	11♐25	0♎49	15♏ 3	6♏ 4	8♏35	10♏54	27°R18	2♏ 1	1♏16	19♌18	4°R20	T 1
W 2	3 14 19	17°14'27	16°42	0♐52	12°40	1°26	15°16	6°11	8°38	10°57	27♒18	2° 2	1°13	19°24	4♋18	W 2
T 3	3 18 15	18°15'07	28°52	2°22	13°54	2° 3	15°29	6°18	8°42	10°59	27°D18	2° 4	1°10	19°31	4°16	T 3
F 4	3 22 12	19°15'47	11♎16	3°51	15° 9	2°40	15°43	6°25	8°46	11° 1	27°18	2° 5	1° 6	19°38	4°13	F 4
S 5	3 26 8	20°16'30	23°57	5°20	16°23	3°17	15°56	6°32	8°49	11° 3	27°18	2° 6	1° 3	19°44	4°11	S 5
S 6	3 30 5	21°17'14	6♏57	6°49	17°37	3°55	16° 9	6°39	8°53	11° 6	27°18	2°R 6	1° 0	19°51	4° 9	S 6
M 7	3 34 1	22°18'00	20°16	8°17	18°52	4°32	16°23	6°46	8°57	11° 8	27°18	2° 5	0°57	19°58	4° 6	M 7
T 8	3 37 58	23°18'47	3♐53	9°45	20° 6	5° 9	16°36	6°53	9° 0	11°10	27°18	2° 3	0°54	20° 5	4° 4	T 8
W 9	3 41 55	24°19'35	17°46	11°12	21°21	5°46	16°49	7° 0	9° 4	11°12	27°18	2° 0	0°50	20°11	4° 1	W 9
T 10	3 45 51	25°20'25	1♑50	12°39	22°35	6°23	17° 3	7° 7	9° 8	11°14	27°18	1°57	0°47	20°18	3°58	T 10
F 11	3 49 48	26°21'15	16° 2	14° 5	23°49	6°59	17°16	7°14	9°11	11°17	27°18	1°53	0°44	20°25	3°55	F 11
S 12	3 53 44	27°22'07	0♒17	15°30	25° 4	7°36	17°29	7°21	9°15	11°19	27°19	1°50	0°41	20°31	3°53	S 12
S 13	3 57 41	28°22'59	14°33	16°54	26°18	8°13	17°42	7°28	9°19	11°21	27°19	1°48	0°38	20°38	3°50	S 13
M14	4 1 37	29°23'52	28°45	18°17	27°32	8°50	17°56	7°35	9°22	11°23	27°19	1°D48	0°35	20°45	3°47	M14
T 15	4 5 34	0♐24'46	12♓52	19°38	28°47	9°27	18° 9	7°41	9°26	11°25	27°19	1°48	0°31	20°52	3°44	T 15
W16	4 9 30	1°25'41	26°52	20°59	0♑ 1	10° 4	18°22	7°48	9°29	11°27	27°20	1°50	0°28	20°58	3°40	W16
T 17	4 13 27	2°26'37	10♈44	22°17	1°15	10°41	18°35	7°55	9°33	11°30	27°20	1°51	0°25	21° 5	3°37	T 17
F 18	4 17 24	3°27'33	24°27	23°34	2°29	11°17	18°48	8° 2	9°36	11°32	27°20	1°52	0°22	21°12	3°34	F 18
S 19	4 21 20	4°28'30	8♉ 0	24°48	3°44	11°54	19° 1	8° 8	9°40	11°34	27°21	1°R52	0°19	21°18	3°31	S 19
S 20	4 25 17	5°29'28	21°21	26° 0	4°58	12°31	19°15	8°15	9°43	11°36	27°21	1°51	0°16	21°25	3°27	S 20
M21	4 29 13	6°30'27	4♊30	27° 9	6°12	13° 8	19°28	8°22	9°47	11°38	27°22	1°47	0°12	21°32	3°24	M21
T 22	4 33 10	7°31'27	17°26	28°14	7°26	13°44	19°41	8°28	9°50	11°40	27°22	1°42	0° 9	21°39	3°21	T 22
W23	4 37 6	8°32'28	0♋ 7	29°15	8°40	14°21	19°54	8°35	9°54	11°42	27°23	1°36	0° 6	21°45	3°17	W23
T 24	4 41 3	9°33'30	12°34	0♑12	9°54	14°58	20° 7	8°41	9°57	11°44	27°23	1°29	0° 3	21°52	3°14	T 24
F 25	4 44 59	10°34'33	24°48	1° 3	11° 9	15°34	20°20	8°48	10° 0	11°46	27°24	1°22	29♎59	21°59	3°10	F 25
S 26	4 48 56	11°35'36	6♌51	1°48	12°23	16°11	20°33	8°54	10° 4	11°48	27°24	1°15	29°56	22° 5	3° 6	S 26
S 27	4 52 53	12°36'41	18°46	2°27	13°37	16°48	20°45	9° 0	10° 7	11°50	27°25	1°11	29°53	22°12	3° 3	S 27
M28	4 56 49	13°37'46	0♍37	2°57	14°51	17°24	20°58	9° 7	10°10	11°52	27°25	1° 8	29°50	22°19	2°59	M28
T 29	5 0 46	14°38'53	12°29	3°19	16° 5	18° 1	21°11	9°13	10°14	11°54	27°26	1°D 6	29°47	22°26	2°55	T 29
W30	5 4 42	15♐40'00	24♍26	3♑32	17♑19	18♎37	21♏24	9♏19	10♏17	11♏56	27♒27	1♏ 7	29♎44	22♌32	2♋51	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	16s45	5n41	4s27	21s49	1s46	23s12	0s59	0n52	1n18	15s36	0n51	11s32	2n11	14s 3	0n24	13s29	1n46	24s33	12s57	12s13	11s57	10n26	17n 7	6s20
W 2	17 3	1 48	3 45	22 13	1 51	23 25	1 1	0 37	1 18	15 40	0 51	11 34	2 11	14 4	0 24	13 29	1 46	24 33	12 56	12 13	11 56	10 24	17 7	6 21
T 3	17 20	2s12	2 54	22 36	1 56	23 36	1 4	0 23	1 18	15 44	0 51	11 37	2 11	14 5	0 24	13 30	1 46	24 33	12 56	12 14	11 55	10 23	17 6	6 22
F 4	17 36	6 12	1 53	22 57	2 0	23 47	1 6	0 8	1 18	15 47	0 51	11 39	2 11	14 6	0 24	13 31	1 46	24 33	12 56	12 14	11 54	10 21	17 6	6 22
S 5	17 53	10 1	0 45	23 18	2 4	23 57	1 8	0s 7	1 18	15 51	0 51	11 41	2 11	14 7	0 24	13 31	1 46	24 32	12 56	12 15	11 53	10 19	17 5	6 23
S 6	18 9	13 28	0n27	23 37	2 8	24 7	1 10	0 22	1 18	15 55	0 51	11 43	2 11	14 8	0 24	13 32	1 46	24 32	12 55	12 15	11 52	10 17	17 5	6 23
M 7	18 25	16 18	1 39	23 55	2 11	24 16	1 13	0 37	1 18	15 59	0 51	11 46	2 11	14 10	0 24	13 33	1 46	24 32	12 55	12 14	11 51	10 15	17 4	6 24
T 8	18 40	18 17	2 46	24 12	2 14	24 24	1 15	0 51	1 18	16 3	0 51	11 48	2 11	14 11	0 24	13 33	1 46	24 32	12 55	12 14	11 50	10 14	17 4	6 24
W 9	18 55	19 13	3 45	24 28	2 17	24 31	1 17	1 6	1 18	16 7	0 51	11 50	2 11	14 12	0 24	13 34	1 46	24 31	12 54	12 13	11 49	10 12	17 4	6 25
T 10	19 10	18 59	4 32	24 42	2 19	24 38	1 19	1 21	1 18	16 11	0 51	11 52	2 11	14 13	0 24	13 35	1 46	24 31	12 54	12 12	11 47	10 10	17 3	6 25
F 11	19 25	17 34	5 2	24 55	2 21	24 44	1 21	1 35	1 18	16 14	0 51	11 55	2 11	14 14	0 24	13 35	1 46	24 31	12 54	12 10	11 46	10 8	17 3	6 25
S 12	19 39	15 3	5 14	25 6	2 23	24 49	1 23	1 50	1 18	16 18	0 51	11 57	2 11	14 15	0 24	13 36	1 46	24 30	12 54	12 9	11 45	10 6	17 2	6 26
S 13	19 52	11 39	5 6	25 16	2 24	24 53	1 25	2 5	1 18	16 22	0 50	11 59	2 11	14 17	0 24	13 37	1 46	24 30	12 53	12 9	11 44	10 5	17 2	6 26
M14	20 6	7 35	4 40	25 24	2 24	24 57	1 27	2 19	1 18	16 26	0 50	12 1	2 11	14 18	0 24	13 37	1 46	24 30	12 53	12 8	11 43	10 3	17 2	6 27
T 15	20 19	3 6	3 57	25 31	2 24	25 0	1 29	2 34	1 18	16 29	0 50	12 3	2 11	14 19	0 24	13 38	1 46	24 29	12 53	12 9	11 42	10 1	17 1	6 27
W16	20 31	1n30	3 0	25 37	2 24	25 2	1 30	2 48	1 18	16 33	0 50	12 5	2 12	14 20	0 24	13 39	1 46	24 29	12 53	12 9	11 41	9 59	17 1	6 28
T 17	20 44	6 0	1 53	25 41	2 23	25 3	1 32	3 3	1 18	16 37	0 50	12 7	2 12	14 21	0 24	13 39	1 46	24 28	12 52	12 10	11 40	9 57	17 1	6 28
F 18	20 55	10 8	0 41	25 43	2 21	25 4	1 34	3 17	1 18	16 40	0 50	12 10	2 12	14 22	0 24	13 40	1 46	24 28	12 52	12 10	11 38	9 56	17 0	6 28
S 19	21 7	13 42	0s33	25 44	2 18	25 4	1 35	3 32	1 18	16 44	0 50	12 12	2 12	14 23	0 24	13 41	1 46	24 28	12 52	12 10	11 37	9 54	17 0	6 29
S 20	21 18	16 29	1 44	25 43	2 15	25 3	1 37	3 46	1 18	16 48	0 50	12 14	2 12	14 24	0 24	13 41	1 46	24 27	12 51	12 10	11 36	9 52	17 0	6 29
M21	21 28	18 21	2 49	25 41	2 11	25 1	1 38	4 0	1 18	16 51	0 50	12 16	2 12	14 26	0 24	13 42	1 46	24 27	12 51	12 8	11 35	9 50	16 59	6 30
T 22	21 39	19 14	3 43	25 37	2 6	24 59	1 40	4 15	1 18	16 55	0 50	12 18	2 12	14 27	0 24	13 42	1 46	24 26	12 51	12 7	11 34	9 48	16 59	6 30
W23	21 49	19 7	4 25	25 32	2 0	24 55	1 41	4 29	1 18	16 58	0 50	12 20	2 12	14 28	0 24	13 43	1 46	24 26	12 51	12 4	11 33	9 46	16 59	6 30
T 24	21 58	18 4	4 53	25 25	1 53	24 51	1 42	4 43	1 18	17 2	0 50	12 22	2 12	14 29	0 24	13 44	1 46	24 26	12 50	12 2	11 32	9 45	16 59	6 31
F 25	22 7	16 12	5 8	25 16	1 45	24 47	1 44	4 58	1 18	17 5	0 50	12 24	2 12	14 30	0 24	13 44	1 46	24 25	12 50	11 59	11 31	9 43	16 58	6 31
S 26	22 15	13 39	5 8	25 7	1 36	24 41	1 45	5 12	1 18	17 9	0 50	12 26	2 12	14 31	0 24	13 45	1 46	24 25	12 50	11 57	11 30	9 41	16 58	6 31
S 27	22 24	10 34	4 55	24 55	1 25	24 35	1 46	5 26	1 17	17 12	0 50	12 28	2 12	14 32	0 24	13 45	1 46	24 24	12 50	11 56	11 28	9 39	16 58	6 32
M28	22 31	7 5	4 30	24 43	1 13	24 28	1 47	5 40	1 17	17 16	0 50	12 30	2 12	14 33	0 24	13 46	1 46	24 24	12 49	11 54	11 27	9 37	16 58	6 32
T 29	22 38	3 19	3 53	24 29	1 0	24 20	1 48	5 54	1 17	17 19	0 50	12 31	2 13	14 34	0 24	13 47	1 46	24 23	12 49	11 54	11 26	9 36	16 58	6 32
W30	22s45	0s37	3s 5	24s15	0s46	24s12	1s49	6s 8	1n17	17s22	0n50	12s33	2n13	14s35	0n24	13s47	1n46	24s23	12s49	11s54	11s25	9n34	16n57	6s33

Julian Day Number = 2198378.5, Delta T = 10m14s
Ecliptic obliquity = 23°31'38, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°04'22, Lahiri = 14°11'22 Julian Calendar 1 Nov. 1306 == Greg. Calendar 9 Nov. 1306

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ASTRODIENST EPHEMERIS for the year 1306
geocentric

DECEMBER 1306 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	5 8 39	16♐41'08	6♎34	3°R34	18♑33	19♎14	21♏37	9♏25	10♏20	11♏58	27♒27	1♏ 8	29♎41	22♌39	2°R48	T 1
F 2	5 12 35	17°42'17	18°58	3♑25	19°47	19°50	21°49	9°32	10°23	12° 0	27°28	1° 9	29°37	22°46	2♋44	F 2
S 3	5 16 32	18°43'26	1♏42	3° 5	21° 0	20°26	22° 2	9°38	10°26	12° 2	27°29	1°R10	29°34	22°52	2°40	S 3
S 4	5 20 28	19°44'37	14°50	2°33	22°14	21° 3	22°15	9°44	10°29	12° 4	27°30	1° 9	29°31	22°59	2°36	S 4
M 5	5 24 25	20°45'48	28°22	1°50	23°28	21°39	22°27	9°50	10°33	12° 6	27°30	1° 6	29°28	23° 6	2°32	M 5
T 6	5 28 22	21°46'59	12♐20	0°55	24°42	22°16	22°40	9°56	10°36	12° 8	27°31	1° 0	29°25	23°13	2°28	T 6
W 7	5 32 18	22°48'11	26°38	29♐51	25°56	22°52	22°52	10° 2	10°39	12° 9	27°32	0°53	29°22	23°19	2°24	W 7
T 8	5 36 15	23°49'23	11♑12	28°38	27°10	23°28	23° 5	10° 7	10°42	12°11	27°33	0°44	29°18	23°26	2°20	T 8
F 9	5 40 11	24°50'36	25°54	27°20	28°23	24° 4	23°17	10°13	10°45	12°13	27°34	0°35	29°15	23°33	2°16	F 9
S 10	5 44 8	25°51'48	10♒36	25°59	29°37	24°41	23°29	10°19	10°48	12°15	27°35	0°27	29°12	23°39	2°12	S 10
S 11	5 48 4	26°53'01	25°12	24°37	0♒51	25°17	23°42	10°25	10°50	12°17	27°35	0°21	29° 9	23°46	2° 8	S 11
M12	5 52 1	27°54'13	9♓36	23°17	2° 4	25°53	23°54	10°30	10°53	12°18	27°36	0°17	29° 6	23°53	2° 4	M12
T 13	5 55 57	28°55'25	23°44	22° 2	3°18	26°29	24° 6	10°36	10°56	12°20	27°37	0°D16	29° 2	24° 0	2° 0	T 13
W14	5 59 54	29°56'37	7♈37	20°53	4°31	27° 5	24°18	10°41	10°59	12°22	27°38	0°16	28°59	24° 6	1°56	W14
T 15	6 3 51	0♑57'48	21°14	19°53	5°45	27°41	24°30	10°47	11° 2	12°23	27°39	0°16	28°56	24°13	1°51	T 15
F 16	6 7 47	1°58'59	4♉36	19° 2	6°58	28°17	24°42	10°52	11° 4	12°25	27°40	0°R17	28°53	24°20	1°47	F 16
S 17	6 11 44	3° 0'10	17°46	18°22	8°12	28°53	24°54	10°57	11° 7	12°27	27°41	0°15	28°50	24°26	1°43	S 17
S 18	6 15 40	4° 1'21	0♊44	17°51	9°25	29°29	25° 6	11° 3	11°10	12°28	27°42	0°11	28°47	24°33	1°39	S 18
M19	6 19 37	5° 2'31	13°31	17°31	10°38	0♏ 5	25°18	11° 8	11°12	12°30	27°44	0° 4	28°43	24°40	1°35	M19
T 20	6 23 33	6° 3'42	26° 8	17°20	11°51	0°40	25°29	11°13	11°15	12°31	27°45	29♎54	28°40	24°47	1°31	T 20
W21	6 27 30	7° 4'52	8♋35	17°D19	13° 4	1°16	25°41	11°18	11°17	12°33	27°46	29°43	28°37	24°53	1°27	W21
T 22	6 31 26	8° 6'01	20°52	17°26	14°18	1°52	25°52	11°23	11°20	12°34	27°47	29°29	28°34	25° 0	1°23	T 22
F 23	6 35 23	9° 7'11	2♌59	17°41	15°31	2°28	26° 4	11°28	11°22	12°36	27°48	29°16	28°31	25° 7	1°19	F 23
S 24	6 39 20	10° 8'20	14°59	18° 4	16°44	3° 3	26°15	11°33	11°25	12°37	27°49	29° 4	28°28	25°13	1°15	S 24
S 25	6 43 16	11° 9'29	26°52	18°33	17°56	3°39	26°27	11°37	11°27	12°38	27°50	28°53	28°24	25°20	1°11	S 25
M26	6 47 13	12°10'38	8♍42	19° 8	19° 9	4°14	26°38	11°42	11°29	12°40	27°52	28°46	28°21	25°27	1° 7	M26
T 27	6 51 9	13°11'46	20°32	19°49	20°22	4°50	26°49	11°47	11°31	12°41	27°53	28°41	28°18	25°34	1° 3	T 27
W28	6 55 6	14°12'55	2♎26	20°34	21°35	5°25	27° 0	11°51	11°34	12°42	27°54	28°38	28°15	25°40	0°59	W28
T 29	6 59 2	15°14'03	14°31	21°24	22°48	6° 1	27°11	11°55	11°36	12°44	27°55	28°D38	28°12	25°47	0°55	T 29
F 30	7 2 59	16°15'11	26°50	22°17	24° 0	6°36	27°22	12° 0	11°38	12°45	27°57	28°R38	28° 8	25°54	0°51	F 30
S 31	7 6 55	17♑16'18	9♏30	23♐14	25♒13	7♏12	27♏33	12♏ 4	11♏40	12♏46	27♒58	28♎38	28♎ 5	26♌ 0	0♋47	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22s51	4s36	2s 9	23s59	0s30	24s 3	1s49	6s22	1n17	17s26	0n50	12s35	2n13	14s36	0n24	13s48	1n46	24s22	12s48	11s55	11s24	9n32	16n57	6s33
F 2	22 57	8 28	1 5	23 42	0 13	23 53	1 50	6 36	1 17	17 29	0 50	12 37	2 13	14 37	0 24	13 48	1 46	24 22	12 48	11 55	11 23	9 30	16 57	6 33
S 3	23 3	12 4	0n 3	23 24	0n 5	23 42	1 51	6 50	1 17	17 32	0 50	12 39	2 13	14 38	0 24	13 49	1 46	24 21	12 48	11 55	11 22	9 28	16 57	6 33
S 4	23 8	15 11	1 13	23 6	0 24	23 31	1 51	7 3	1 17	17 35	0 50	12 41	2 13	14 39	0 24	13 49	1 47	24 21	12 48	11 55	11 21	9 26	16 57	6 34
M 5	23 12	17 35	2 21	22 47	0 44	23 19	1 52	7 17	1 17	17 39	0 50	12 42	2 13	14 40	0 24	13 50	1 47	24 20	12 47	11 54	11 19	9 25	16 56	6 34
T 6	23 16	19 0	3 23	22 28	1 4	23 6	1 52	7 31	1 17	17 42	0 50	12 44	2 13	14 41	0 24	13 50	1 47	24 20	12 47	11 52	11 18	9 23	16 56	6 34
W 7	23 20	19 16	4 13	22 8	1 24	22 53	1 52	7 44	1 16	17 45	0 50	12 46	2 13	14 42	0 24	13 51	1 47	24 19	12 47	11 49	11 17	9 21	16 56	6 34
T 8	23 23	18 16	4 48	21 48	1 43	22 39	1 53	7 58	1 16	17 48	0 50	12 48	2 14	14 43	0 24	13 51	1 47	24 19	12 47	11 46	11 16	9 19	16 56	6 34
F 9	23 26	16 3	5 4	21 29	2 1	22 24	1 53	8 11	1 16	17 51	0 50	12 49	2 14	14 44	0 24	13 52	1 47	24 18	12 46	11 43	11 15	9 17	16 56	6 35
S 10	23 28	12 49	5 1	21 10	2 18	22 9	1 53	8 25	1 16	17 54	0 50	12 51	2 14	14 45	0 24	13 52	1 47	24 18	12 46	11 40	11 14	9 15	16 56	6 35
S 11	23 29	8 49	4 37	20 52	2 33	21 53	1 53	8 38	1 16	17 57	0 50	12 53	2 14	14 45	0 24	13 53	1 47	24 17	12 46	11 38	11 13	9 14	16 56	6 35
M12	23 31	4 21	3 57	20 36	2 45	21 36	1 53	8 51	1 16	18 0	0 50	12 54	2 14	14 46	0 24	13 53	1 47	24 16	12 46	11 37	11 12	9 12	16 56	6 35
T 13	23 31	0n18	3 2	20 22	2 56	21 19	1 53	9 5	1 16	18 3	0 50	12 56	2 14	14 47	0 24	13 54	1 47	24 16	12 46	11 36	11 10	9 10	16 56	6 35
W14	23 32	4 50	1 58	20 10	3 3	21 1	1 52	9 18	1 15	18 6	0 50	12 57	2 14	14 48	0 24	13 54	1 47	24 15	12 45	11 36	11 9	9 8	16 56	6 35
T 15	23 31	9 3	0 48	20 0	3 9	20 43	1 52	9 31	1 15	18 9	0 50	12 59	2 14	14 49	0 24	13 55	1 47	24 15	12 45	11 37	11 8	9 6	16 55	6 35
F 16	23 31	12 44	0s23	19 53	3 12	20 24	1 51	9 44	1 15	18 12	0 50	13 0	2 15	14 50	0 24	13 55	1 47	24 14	12 45	11 37	11 7	9 4	16 55	6 35
S 17	23 30	15 43	1 32	19 49	3 12	20 4	1 51	9 57	1 15	18 15	0 50	13 2	2 15	14 51	0 24	13 56	1 47	24 14	12 45	11 36	11 6	9 3	16 55	6 36
S 18	23 28	17 51	2 35	19 47	3 11	19 44	1 50	10 10	1 15	18 18	0 50	13 3	2 15	14 51	0 24	13 56	1 47	24 13	12 44	11 35	11 5	9 1	16 55	6 36
M19	23 26	19 3	3 29	19 48	3 9	19 23	1 50	10 23	1 15	18 21	0 50	13 5	2 15	14 52	0 24	13 57	1 47	24 12	12 44	11 32	11 4	8 59	16 55	6 36
T 20	23 23	19 17	4 11	19 51	3 5	19 2	1 49	10 35	1 14	18 24	0 50	13 6	2 15	14 53	0 24	13 57	1 47	24 12	12 44	11 29	11 2	8 57	16 55	6 36
W21	23 20	18 34	4 42	19 57	2 59	18 41	1 48	10 48	1 14	18 26	0 50	13 8	2 15	14 54	0 24	13 57	1 47	24 11	12 44	11 25	11 1	8 55	16 55	6 36
T 22	23 17	16 59	4 58	20 3	2 53	18 18	1 47	11 0	1 14	18 29	0 50	13 9	2 16	14 55	0 24	13 58	1 47	24 11	12 44	11 20	11 0	8 53	16 55	6 36
F 23	23 13	14 41	5 1	20 12	2 46	17 56	1 46	11 13	1 14	18 32	0 50	13 10	2 16	14 55	0 24	13 58	1 47	24 10	12 43	11 15	10 59	8 52	16 55	6 36
S 24	23 8	11 46	4 50	20 22	2 38	17 33	1 45	11 25	1 14	18 34	0 50	13 12	2 16	14 56	0 24	13 59	1 47	24 9	12 43	11 11	10 58	8 50	16 55	6 36
S 25	23 3	8 25	4 27	20 32	2 30	17 9	1 43	11 38	1 13	18 37	0 50	13 13	2 16	14 57	0 24	13 59	1 47	24 9	12 43	11 7	10 57	8 48	16 55	6 36
M26	22 58	4 45	3 52	20 44	2 21	16 45	1 42	11 50	1 13	18 40	0 50	13 14	2 16	14 57	0 24	13 59	1 47	24 8	12 43	11 4	10 56	8 46	16 56	6 36
T 27	22 52	0 54	3 7	20 56	2 12	16 20	1 41	12 2	1 13	18 42	0 50	13 16	2 16	14 58	0 24	14 0	1 48	24 8	12 43	11 3	10 55	8 44	16 56	6 36
W28	22 46	3s 1	2 14	21 9	2 3	15 56	1 39	12 14	1 13	18 45	0 50	13 17	2 17	14 59	0 24	14 0	1 48	24 7	12 42	11 2	10 53	8 42	16 56	6 36
T 29	22 39	6 53	1 14	21 21	1 54	15 30	1 38	12 26	1 12	18 47	0 50	13 18	2 17	14 59	0 24	14 0	1 48	24 6	12 42	11 2	10 52	8 40	16 56	6 36
F 30	22 32	10 32	0 10	21 34	1 44	15 5	1 36	12 38	1 12	18 50	0 50	13 19	2 17	15 0	0 24	14 1	1 48	24 6	12 42	11 2	10 51	8 39	16 56	6 36
S 31	22s24	13s48	0n57	21s46	1n35	14s38	1s34	12s50	1n12	18s52	0n50	13s20	2n17	15s 1	0n24	14s 1	1n48	24s 5	12s42	11s 2	10s50	8n37	16n56	6s35

Julian Day Number = 2198408.5, Delta T = 10m13s
Ecliptic obliquity = 23°31'37, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°04'26, Lahiri = 14°11'27 Julian Calendar 1 Dec. 1306 == Greg. Calendar 9 Dec. 1306

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ASTRODIENST EPHEMERIS for the year 1307
geocentric

JANUARY 1307 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	7 10 52	18♉17'26	22♏35	24♐15	26♒25	7♏47	27♏44	12♏ 8	11♏42	12♏47	27♒59	28°R36	28♎ 2	26♌ 7	0°R43	S 1
M 2	7 14 49	19°18'32	6♐ 9	25°18	27°37	8°22	27°54	12°12	11°44	12°49	28° 1	28♎31	27°59	26°14	0♋39	M 2
T 3	7 18 45	20°19'39	20°12	26°23	28°50	8°57	28° 5	12°16	11°46	12°50	28° 2	28°24	27°56	26°20	0°35	T 3
W 4	7 22 42	21°20'45	4♉42	27°31	0♓ 2	9°32	28°15	12°20	11°48	12°51	28° 3	28°14	27°53	26°27	0°32	W 4
T 5	7 26 38	22°21'50	19°35	28°42	1°14	10° 7	28°26	12°24	11°50	12°52	28° 5	28° 2	27°49	26°34	0°28	T 5
F 6	7 30 35	23°22'55	4♒40	29°54	2°26	10°42	28°36	12°28	11°51	12°53	28° 6	27°50	27°46	26°41	0°24	F 6
S 7	7 34 31	24°23'58	19°48	1♉ 7	3°38	11°17	28°46	12°32	11°53	12°54	28° 8	27°39	27°43	26°47	0°21	S 7
S 8	7 38 28	25°25'01	4♓49	2°23	4°50	11°52	28°56	12°35	11°55	12°55	28° 9	27°30	27°40	26°54	0°17	S 8
M 9	7 42 25	26°26'02	19°33	3°40	6° 2	12°27	29° 6	12°39	11°56	12°56	28°10	27°24	27°37	27° 1	0°13	M 9
T 10	7 46 21	27°27'02	3♈56	4°58	7°14	13° 2	29°16	12°42	11°58	12°57	28°12	27°21	27°34	27° 7	0°10	T 10
W11	7 50 18	28°28'01	17°56	6°17	8°25	13°36	29°26	12°46	12° 0	12°58	28°13	27°20	27°30	27°14	0° 6	W11
T 12	7 54 14	29°28'59	1♉33	7°38	9°37	14°11	29°35	12°49	12° 1	12°58	28°15	27°20	27°27	27°21	0° 3	T 12
F 13	7 58 11	0♒29'55	14°49	9° 0	10°48	14°46	29°45	12°52	12° 2	12°59	28°16	27°19	27°24	27°28	29♊59	F 13
S 14	8 2 7	1°30'50	27°46	10°23	11°59	15°20	29°54	12°55	12° 4	13° 0	28°18	27°17	27°21	27°34	29°56	S 14
S 15	8 6 4	2°31'43	10♊29	11°47	13°11	15°55	0♐ 4	12°58	12° 5	13° 1	28°19	27°13	27°18	27°41	29°53	S 15
M16	8 10 0	3°32'35	22°59	13°12	14°22	16°29	0°13	13° 1	12° 6	13° 2	28°21	27° 5	27°14	27°48	29°50	M16
T 17	8 13 57	4°33'26	5♋20	14°38	15°33	17° 3	0°22	13° 4	12° 8	13° 2	28°22	26°54	27°11	27°54	29°47	T 17
W18	8 17 54	5°34'16	17°33	16° 5	16°44	17°37	0°31	13° 7	12° 9	13° 3	28°24	26°41	27° 8	28° 1	29°44	W18
T 19	8 21 50	6°35'04	29°38	17°33	17°54	18°12	0°40	13° 9	12°10	13° 4	28°25	26°27	27° 5	28° 8	29°41	T 19
F 20	8 25 47	7°35'51	11♌38	19° 2	19° 5	18°46	0°49	13°12	12°11	13° 4	28°27	26°12	27° 2	28°14	29°38	F 20
S 21	8 29 43	8°36'36	23°33	20°31	20°15	19°20	0°57	13°14	12°12	13° 5	28°28	25°59	26°59	28°21	29°35	S 21
S 22	8 33 40	9°37'21	5♍24	22° 2	21°26	19°54	1° 6	13°17	12°13	13° 5	28°30	25°47	26°55	28°28	29°32	S 22
M23	8 37 36	10°38'04	17°13	23°33	22°36	20°27	1°14	13°19	12°14	13° 6	28°32	25°38	26°52	28°35	29°30	M23
T 24	8 41 33	11°38'46	29° 4	25° 5	23°46	21° 1	1°22	13°21	12°15	13° 6	28°33	25°32	26°49	28°41	29°27	T 24
W25	8 45 29	12°39'26	10♎59	26°38	24°56	21°35	1°30	13°23	12°15	13° 7	28°35	25°29	26°46	28°48	29°24	W25
T 26	8 49 26	13°40'05	23° 2	28°12	26° 5	22° 8	1°38	13°25	12°16	13° 7	28°36	25°D28	26°43	28°55	29°22	T 26
F 27	8 53 22	14°40'44	5♏19	29°46	27°15	22°42	1°46	13°27	12°17	13° 7	28°38	25°29	26°39	29° 1	29°19	F 27
S 28	8 57 19	15°41'21	17°54	1♒22	28°25	23°15	1°54	13°28	12°17	13° 8	28°40	25°R29	26°36	29° 8	29°17	S 28
S 29	9 1 16	16°41'56	0♐53	2°58	29°34	23°49	2° 1	13°30	12°18	13° 8	28°41	25°28	26°33	29°15	29°15	S 29
M30	9 5 12	17°42'31	14°19	4°36	0♈43	24°22	2° 9	13°32	12°19	13° 8	28°43	25°25	26°30	29°21	29°13	M30
T 31	9 9 9	18♒43'04	28♐16	6♒14	1♈52	24♏55	2♐16	13♏33	12♏19	13♏ 8	28♒44	25♎20	26♎27	29♌28	29♊10	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22s16	16s30	2n 3	21s59	1n25	14s12	1s32	13s 2	1n12	18s54	0n50	13s21	2n17	15s 1	0n24	14s 1	1n48	24s 5	12s42	11s 1	10s49	8n35	16n56	6s35
M 2	22 8	18 23	3 4	22 11	1 16	13 45	1 30	13 13	1 11	18 57	0 50	13 22	2 17	15 2	0 24	14 2	1 48	24 4	12 42	10 59	10 48	8 33	16 56	6 35
T 3	21 59	19 14	3 57	22 22	1 7	13 18	1 28	13 25	1 11	18 59	0 51	13 24	2 18	15 3	0 24	14 2	1 48	24 3	12 41	10 57	10 47	8 31	16 56	6 35
W 4	21 50	18 51	4 36	22 33	0 57	12 50	1 26	13 36	1 11	19 1	0 51	13 25	2 18	15 3	0 24	14 2	1 48	24 3	12 41	10 53	10 45	8 29	16 57	6 35
T 5	21 40	17 12	4 57	22 43	0 48	12 23	1 24	13 47	1 11	19 4	0 51	13 26	2 18	15 4	0 24	14 2	1 48	24 2	12 41	10 49	10 44	8 28	16 57	6 35
F 6	21 30	14 20	4 58	22 53	0 39	11 55	1 21	13 59	1 10	19 6	0 51	13 27	2 18	15 4	0 24	14 3	1 48	24 1	12 41	10 45	10 43	8 26	16 57	6 35
S 7	21 19	10 31	4 38	23 1	0 30	11 26	1 19	14 10	1 10	19 8	0 51	13 27	2 18	15 5	0 24	14 3	1 48	24 1	12 41	10 41	10 42	8 24	16 57	6 35
S 8	21 8	6 4	4 0	23 9	0 21	10 57	1 16	14 21	1 10	19 10	0 51	13 28	2 19	15 5	0 24	14 3	1 48	24 0	12 41	10 37	10 41	8 22	16 57	6 34
M 9	20 57	1 19	3 5	23 16	0 12	10 29	1 14	14 32	1 9	19 12	0 51	13 29	2 19	15 6	0 24	14 3	1 48	23 59	12 41	10 35	10 40	8 20	16 57	6 34
T 10	20 45	3n25	2 0	23 22	0 4	9 59	1 11	14 43	1 9	19 14	0 51	13 30	2 19	15 6	0 24	14 4	1 48	23 59	12 41	10 34	10 39	8 18	16 58	6 34
W11	20 33	7 49	0 49	23 27	0s 4	9 30	1 8	14 53	1 9	19 16	0 51	13 31	2 19	15 7	0 24	14 4	1 48	23 58	12 40	10 34	10 37	8 16	16 58	6 34
T 12	20 20	11 42	0s22	23 31	0 12	9 0	1 6	15 4	1 8	19 18	0 51	13 32	2 19	15 7	0 24	14 4	1 48	23 58	12 40	10 34	10 36	8 15	16 58	6 34
F 13	20 7	14 53	1 31	23 33	0 20	8 30	1 3	15 15	1 8	19 20	0 51	13 32	2 20	15 7	0 24	14 4	1 48	23 57	12 40	10 33	10 35	8 13	16 58	6 33
S 14	19 54	17 15	2 33	23 35	0 28	8 0	1 0	15 25	1 7	19 22	0 51	13 33	2 20	15 8	0 24	14 4	1 49	23 56	12 40	10 33	10 34	8 11	16 58	6 33
S 15	19 40	18 41	3 27	23 35	0 35	7 30	0 57	15 35	1 7	19 24	0 51	13 34	2 20	15 8	0 24	14 5	1 49	23 56	12 40	10 31	10 33	8 9	16 59	6 33
M16	19 26	19 12	4 9	23 34	0 42	7 0	0 53	15 46	1 7	19 26	0 51	13 35	2 20	15 9	0 24	14 5	1 49	23 55	12 40	10 28	10 32	8 7	16 59	6 33
T 17	19 12	18 46	4 39	23 32	0 49	6 29	0 50	15 56	1 6	19 28	0 51	13 35	2 20	15 9	0 24	14 5	1 49	23 54	12 40	10 24	10 31	8 5	16 59	6 32
W18	18 57	17 29	4 56	23 29	0 56	5 59	0 47	16 6	1 6	19 30	0 51	13 36	2 21	15 9	0 24	14 5	1 49	23 54	12 40	10 20	10 29	8 3	16 59	6 32
T 19	18 42	15 25	4 59	23 24	1 2	5 28	0 43	16 16	1 5	19 32	0 51	13 36	2 21	15 10	0 24	14 5	1 49	23 53	12 40	10 15	10 28	8 2	17 0	6 32
F 20	18 26	12 43	4 49	23 18	1 9	4 57	0 40	16 26	1 5	19 33	0 51	13 37	2 21	15 10	0 24	14 5	1 49	23 52	12 40	10 9	10 27	8 0	17 0	6 32
S 21	18 11	9 31	4 27	23 11	1 14	4 26	0 36	16 35	1 5	19 35	0 51	13 38	2 21	15 10	0 24	14 5	1 49	23 52	12 39	10 4	10 26	7 58	17 0	6 31
S 22	17 54	5 58	3 52	23 2	1 20	3 55	0 33	16 45	1 4	19 37	0 51	13 38	2 21	15 11	0 24	14 5	1 49	23 51	12 39	10 0	10 25	7 56	17 1	6 31
M23	17 38	2 11	3 8	22 52	1 25	3 23	0 29	16 54	1 4	19 39	0 51	13 38	2 22	15 11	0 24	14 6	1 49	23 51	12 39	9 57	10 24	7 54	17 1	6 31
T 24	17 21	1s42	2 15	22 41	1 31	2 52	0 25	17 4	1 3	19 40	0 52	13 39	2 22	15 11	0 24	14 6	1 49	23 50	12 39	9 55	10 22	7 52	17 1	6 30
W25	17 4	5 32	1 16	22 28	1 35	2 21	0 21	17 13	1 3	19 42	0 52	13 39	2 22	15 11	0 24	14 6	1 49	23 49	12 39	9 54	10 21	7 50	17 2	6 30
T 26	16 47	9 11	0 13	22 14	1 40	1 49	0 17	17 22	1 2	19 43	0 52	13 40	2 22	15 12	0 24	14 6	1 49	23 49	12 39	9 53	10 20	7 49	17 2	6 30
F 27	16 29	12 31	0n52	21 58	1 44	1 18	0 13	17 31	1 2	19 45	0 52	13 40	2 22	15 12	0 24	14 6	1 49	23 48	12 39	9 53	10 19	7 47	17 2	6 29
S 28	16 11	15 22	1 56	21 41	1 48	0 47	0 9	17 40	1 1	19 46	0 52	13 40	2 23	15 12	0 24	14 6	1 49	23 47	12 39	9 53	10 18	7 45	17 3	6 29
S 29	15 53	17 32	2 57	21 22	1 51	0 15	0 5	17 49	1 1	19 48	0 52	13 41	2 23	15 12	0 24	14 6	1 49	23 47	12 39	9 53	10 17	7 43	17 3	6 29
M30	15 35	18 48	3 49	21 2	1 54	0n16	0 1	17 58	1 0	19 49	0 52	13 41	2 23	15 12	0 24	14 6	1 50	23 46	12 39	9 52	10 16	7 41	17 3	6 28
T 31	15s16	19s 0	4n31	20s40	1s57	0n48	0n 3	18s 6	1n 0	19s51	0n52	13s41	2n23	15s12	0n24	14s 6	1n50	23s46	12s39	9s50	10s14	7n39	17n 4	6s28

Julian Day Number = 2198439.5, Delta T = 10m13s
Ecliptic obliquity = 23°31'37, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°04'30, Lahiri = 14°11'31 Julian Calendar 1 Jan. 1307 == Greg. Calendar 9 Jan. 1307

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ASTRODIENST EPHEMERIS for the year 1307
geocentric

FEBRUARY 1307 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	9 13 5	19♒43'36	12♉42	7♒53	3♈ 1	25♏28	2♐23	13♏34	12♏19	13♏ 9	28♒46	25°R12	26♎24	29♌35	29°R 8	W 1
T 2	9 17 2	20°44'07	27°34	9°33	4°10	26° 1	2°30	13°36	12°20	13° 9	28°48	25♎ 2	26°20	29°42	29♊ 6	T 2
F 3	9 20 58	21°44'36	12♒45	11°14	5°18	26°34	2°37	13°37	12°20	13° 9	28°49	24°52	26°17	29°48	29° 5	F 3
S 4	9 24 55	22°45'03	28° 4	12°56	6°26	27° 7	2°44	13°38	12°20	13° 9	28°51	24°43	26°14	29°55	29° 3	S 4
S 5	9 28 51	23°45'29	13♓20	14°38	7°35	27°40	2°50	13°39	12°21	13° 9	28°53	24°35	26°11	0♍ 2	29° 1	S 5
M 6	9 32 48	24°45'53	28°22	16°22	8°43	28°12	2°57	13°40	12°21	13°R 9	28°54	24°30	26° 8	0° 8	28°59	M 6
T 7	9 36 45	25°46'14	13♈ 3	18° 7	9°50	28°44	3° 3	13°40	12°21	13° 9	28°56	24°27	26° 5	0°15	28°58	T 7
W 8	9 40 41	26°46'34	27°17	19°53	10°58	29°17	3° 9	13°41	12°R21	13° 9	28°58	24°D27	26° 1	0°22	28°56	W 8
T 9	9 44 38	27°46'52	11♉ 4	21°39	12° 5	29°49	3°15	13°41	12°21	13° 9	28°59	24°28	25°58	0°28	28°55	T 9
F 10	9 48 34	28°47'08	24°25	23°27	13°12	0♑21	3°21	13°42	12°21	13° 9	29° 1	24°R28	25°55	0°35	28°54	F 10
S 11	9 52 31	29°47'21	7♊23	25°16	14°19	0°53	3°27	13°42	12°20	13° 8	29° 2	24°28	25°52	0°42	28°52	S 11
S 12	9 56 27	0♓47'33	20° 2	27° 6	15°26	1°25	3°32	13°42	12°20	13° 8	29° 4	24°26	25°49	0°49	28°51	S 12
M13	10 0 24	1°47'43	2♋25	28°57	16°32	1°57	3°37	13°42	12°20	13° 8	29° 6	24°22	25°45	0°55	28°50	M13
T 14	10 4 20	2°47'50	14°37	0♓48	17°39	2°28	3°43	13°R42	12°20	13° 8	29° 7	24°15	25°42	1° 2	28°49	T 14
W15	10 8 17	3°47'55	26°40	2°41	18°45	3° 0	3°48	13°42	12°19	13° 7	29° 9	24° 7	25°39	1° 9	28°48	W15
T 16	10 12 14	4°47'58	8♌37	4°35	19°50	3°31	3°52	13°42	12°19	13° 7	29°11	23°57	25°36	1°15	28°48	T 16
F 17	10 16 10	5°48'00	20°30	6°29	20°56	4° 2	3°57	13°42	12°18	13° 7	29°12	23°47	25°33	1°22	28°47	F 17
S 18	10 20 7	6°47'59	2♍21	8°25	22° 1	4°33	4° 2	13°41	12°18	13° 6	29°14	23°38	25°30	1°29	28°46	S 18
S 19	10 24 3	7°47'56	14°12	10°21	23° 6	5° 4	4° 6	13°41	12°17	13° 6	29°16	23°31	25°26	1°35	28°46	S 19
M20	10 28 0	8°47'51	26° 4	12°18	24°11	5°35	4°10	13°40	12°17	13° 5	29°17	23°25	25°23	1°42	28°46	M20
T 21	10 31 56	9°47'44	8♎ 0	14°16	25°15	6° 6	4°14	13°40	12°16	13° 5	29°19	23°21	25°20	1°49	28°45	T 21
W22	10 35 53	10°47'36	20° 0	16°14	26°19	6°36	4°18	13°39	12°15	13° 4	29°20	23°D20	25°17	1°56	28°45	W22
T 23	10 39 49	11°47'26	2♏10	18°12	27°23	7° 6	4°21	13°38	12°15	13° 4	29°22	23°20	25°14	2° 2	28°45	T 23
F 24	10 43 46	12°47'14	14°31	20°10	28°26	7°37	4°25	13°37	12°14	13° 3	29°24	23°22	25°11	2° 9	28°D45	F 24
S 25	10 47 43	13°47'00	27° 8	22° 8	29°29	8° 7	4°28	13°36	12°13	13° 3	29°25	23°23	25° 7	2°16	28°45	S 25
S 26	10 51 39	14°46'44	10♐ 5	24° 6	0♉32	8°37	4°31	13°35	12°12	13° 2	29°27	23°R24	25° 4	2°22	28°45	S 26
M27	10 55 36	15°46'27	23°25	26° 3	1°35	9° 6	4°34	13°33	12°11	13° 1	29°29	23°24	25° 1	2°29	28°45	M27
T 28	10 59 32	16♓46'08	7♉11	27♓59	2♉37	9♐36	4♐37	13♏32	12♏10	13♏ 1	29♒30	23♎22	24♎58	2♍36	28♊45	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
W 1	14s57	18s 0	4n56	20s17	2s 0	1n19	0n 8	18s15	0n59	19s52	0n52	13s41	2n24	15s12	0n24	14s 6	1n50	23s45	12s39	9s47	10s13	7n37	17n 4	6s27	W 1
T 2	14 38	15 46	5 3	19 53	2 2	1 51	0 12	18 23	0 58	19 53	0 52	13 41	2 24	15 13	0 24	14 6	1 50	23 44	12 39	9 44	10 12	7 35	17 4	6 27	T 2
F 3	14 19	12 25	4 49	19 27	2 3	2 22	0 16	18 31	0 58	19 54	0 52	13 42	2 24	15 13	0 24	14 6	1 50	23 44	12 39	9 40	10 11	7 34	17 5	6 27	F 3
S 4	13 59	8 13	4 14	18 59	2 5	2 53	0 21	18 39	0 57	19 56	0 52	13 42	2 24	15 13	0 24	14 6	1 50	23 43	12 39	9 36	10 10	7 32	17 5	6 26	S 4
S 5	13 39	3 29	3 21	18 30	2 6	3 24	0 25	18 47	0 57	19 57	0 52	13 42	2 24	15 13	0 24	14 6	1 50	23 43	12 39	9 34	10 9	7 30	17 6	6 26	S 5
M 6	13 19	1n24	2 15	17 59	2 6	3 56	0 30	18 55	0 56	19 58	0 52	13 42	2 25	15 13	0 24	14 6	1 50	23 42	12 39	9 32	10 7	7 28	17 6	6 25	M 6
T 7	12 59	6 6	1 1	17 27	2 6	4 27	0 35	19 3	0 55	19 59	0 52	13 42	2 25	15 13	0 24	14 6	1 50	23 41	12 39	9 31	10 6	7 26	17 6	6 25	T 7
W 8	12 38	10 18	0s15	16 54	2 6	4 57	0 39	19 11	0 55	20 0	0 53	13 42	2 25	15 13	0 24	14 6	1 50	23 41	12 39	9 31	10 5	7 24	17 7	6 25	W 8
T 9	12 17	13 49	1 28	16 18	2 5	5 28	0 44	19 18	0 54	20 1	0 53	13 42	2 25	15 13	0 24	14 6	1 50	23 40	12 39	9 31	10 4	7 22	17 7	6 24	T 9
F 10	11 56	16 28	2 34	15 42	2 4	5 59	0 49	19 26	0 53	20 2	0 53	13 42	2 25	15 13	0 24	14 5	1 50	23 40	12 39	9 31	10 3	7 21	17 8	6 24	F 10
S 11	11 35	18 11	3 29	15 3	2 2	6 29	0 54	19 33	0 53	20 3	0 53	13 42	2 26	15 13	0 24	14 5	1 50	23 39	12 39	9 31	10 2	7 19	17 8	6 23	S 11
S 12	11 14	18 56	4 13	14 24	2 0	7 0	0 58	19 40	0 52	20 4	0 53	13 41	2 26	15 13	0 24	14 5	1 50	23 39	12 39	9 30	10 1	7 17	17 8	6 23	S 12
M13	10 52	18 46	4 44	13 42	1 57	7 30	1 3	19 48	0 51	20 5	0 53	13 41	2 26	15 12	0 24	14 5	1 50	23 38	12 39	9 29	9 59	7 15	17 9	6 22	M13
T 14	10 31	17 43	5 2	13 0	1 53	8 0	1 8	19 55	0 50	20 6	0 53	13 41	2 26	15 12	0 24	14 5	1 50	23 37	12 39	9 26	9 58	7 13	17 9	6 22	T 14
W15	10 9	15 53	5 6	12 15	1 50	8 30	1 13	20 1	0 50	20 7	0 53	13 41	2 27	15 12	0 24	14 5	1 50	23 37	12 39	9 23	9 57	7 11	17 10	6 21	W15
T 16	9 47	13 24	4 57	11 30	1 45	8 59	1 18	20 8	0 49	20 8	0 53	13 41	2 27	15 12	0 24	14 5	1 51	23 36	12 39	9 20	9 56	7 9	17 10	6 21	T 16
F 17	9 25	10 22	4 34	10 43	1 40	9 29	1 23	20 15	0 48	20 9	0 53	13 40	2 27	15 12	0 24	14 4	1 51	23 36	12 39	9 16	9 55	7 7	17 11	6 21	F 17
S 18	9 3	6 56	4 0	9 54	1 35	9 58	1 28	20 21	0 47	20 9	0 53	13 40	2 27	15 12	0 24	14 4	1 51	23 35	12 40	9 13	9 54	7 6	17 11	6 20	S 18
S 19	8 41	3 14	3 15	9 5	1 29	10 27	1 33	20 28	0 46	20 10	0 53	13 40	2 27	15 12	0 24	14 4	1 51	23 35	12 40	9 10	9 52	7 4	17 12	6 20	S 19
M20	8 18	0s36	2 22	8 14	1 22	10 56	1 38	20 34	0 45	20 11	0 53	13 39	2 28	15 11	0 24	14 4	1 51	23 34	12 40	9 8	9 51	7 2	17 12	6 19	M20
T 21	7 55	4 26	1 22	7 22	1 15	11 24	1 43	20 40	0 45	20 12	0 54	13 39	2 28	15 11	0 24	14 4	1 51	23 34	12 40	9 6	9 50	7 0	17 13	6 19	T 21
W22	7 33	8 8	0 18	6 29	1 7	11 53	1 48	20 46	0 44	20 12	0 54	13 38	2 28	15 11	0 24	14 4	1 51	23 33	12 40	9 6	9 49	6 58	17 13	6 18	W22
T 23	7 10	11 31	0n48	5 35	0 58	12 21	1 54	20 52	0 43	20 13	0 54	13 38	2 28	15 11	0 24	14 3	1 51	23 33	12 40	9 6	9 48	6 56	17 14	6 18	T 23
F 24	6 47	14 27	1 53	4 40	0 49	12 48	1 59	20 58	0 42	20 13	0 54	13 37	2 28	15 10	0 24	14 3	1 51	23 32	12 40	9 6	9 47	6 54	17 14	6 17	F 24
S 25	6 24	16 46	2 53	3 44	0 40	13 16	2 4	21 4	0 41	20 14	0 54	13 37	2 29	15 10	0 25	14 3	1 51	23 32	12 40	9 7	9 45	6 52	17 14	6 17	S 25
S 26	6 1	18 18	3 47	2 48	0 30	13 43	2 9	21 10	0 40	20 14	0 54	13 36	2 29	15 10	0 25	14 3	1 51	23 31	12 40	9 7	9 44	6 51	17 15	6 16	S 26
M27	5 38	18 52	4 30	1 52	0 19	14 10	2 14	21 15	0 39	20 15	0 54	13 36	2 29	15 10	0 25	14 2	1 51	23 31	12 40	9 7	9 43	6 49	17 15	6 16	M27
T 28	5s15	18s21	4n59	0s56	0s 8	14n36	2n19	21s21	0n38	20s15	0n54	13s35	2n29	15s 9	0n25	14s 2	1n51	23s30	12s41	9s 7	9s42	6n47	17n16	6s15	T 28

Julian Day Number = 2198470.5, Delta T = 10m13s
Ecliptic obliquity = 23°31'37, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°04'35, Lahiri = 14°11'35 Julian Calendar 1 Feb. 1307 == Greg. Calendar 9 Feb. 1307

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ASTRODIENST EPHEMERIS for the year 1307
geocentric

MARCH 1307 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	11 3 29	17♓45'48	21♉24	29♓54	3♉38	10♐ 5	4♐40	13°R31	12°R 9	13°R 0	29♒32	23°R19	24♎55	2♍42	28♊46	W 1
T 2	11 7 25	18°45'25	6♒ 1	1♈47	4°40	10°34	4°42	13♏29	12♏ 8	12♏59	29°33	23♎15	24°51	2°49	28°46	T 2
F 3	11 11 22	19°45'01	20°59	3°37	5°41	11° 3	4°44	13°27	12° 7	12°58	29°35	23°10	24°48	2°56	28°47	F 3
S 4	11 15 18	20°44'34	6♓10	5°25	6°42	11°32	4°46	13°26	12° 5	12°58	29°36	23° 5	24°45	3° 2	28°48	S 4
S 5	11 19 15	21°44'06	21°22	7°10	7°42	12° 1	4°48	13°24	12° 4	12°57	29°38	23° 1	24°42	3° 9	28°48	S 5
M 6	11 23 11	22°43'36	6♈27	8°51	8°42	12°29	4°50	13°22	12° 3	12°56	29°39	22°59	24°39	3°16	28°49	M 6
T 7	11 27 8	23°43'03	21°16	10°29	9°41	12°57	4°51	13°20	12° 2	12°55	29°41	22°D58	24°36	3°23	28°50	T 7
W 8	11 31 5	24°42'28	5♉41	12° 1	10°40	13°25	4°52	13°18	12° 0	12°54	29°43	22°58	24°32	3°29	28°51	W 8
T 9	11 35 1	25°41'51	19°39	13°29	11°38	13°53	4°54	13°15	11°59	12°53	29°44	23° 0	24°29	3°36	28°52	T 9
F 10	11 38 58	26°41'12	3♊10	14°52	12°36	14°20	4°54	13°13	11°57	12°52	29°46	23° 1	24°26	3°43	28°54	F 10
S 11	11 42 54	27°40'31	16°16	16°10	13°34	14°48	4°55	13°11	11°56	12°51	29°47	23° 2	24°23	3°49	28°55	S 11
S 12	11 46 51	28°39'47	28°59	17°21	14°31	15°15	4°56	13° 8	11°54	12°50	29°49	23°R 3	24°20	3°56	28°56	S 12
M13	11 50 47	29°39'00	11♋23	18°27	15°28	15°42	4°56	13° 6	11°53	12°49	29°50	23° 2	24°16	4° 3	28°58	M13
T 14	11 54 44	0♈38'12	23°33	19°26	16°23	16° 8	4°R56	13° 3	11°51	12°48	29°51	23° 1	24°13	4° 9	28°59	T 14
W15	11 58 40	1°37'21	5♌32	20°18	17°19	16°35	4°56	13° 0	11°49	12°47	29°53	22°58	24°10	4°16	29° 1	W15
T 16	12 2 37	2°36'27	17°25	21° 4	18°14	17° 1	4°56	12°57	11°47	12°46	29°54	22°55	24° 7	4°23	29° 3	T 16
F 17	12 6 34	3°35'31	29°15	21°42	19° 8	17°27	4°56	12°55	11°46	12°45	29°56	22°52	24° 4	4°29	29° 5	F 17
S 18	12 10 30	4°34'34	11♍ 6	22°14	20° 1	17°52	4°55	12°52	11°44	12°43	29°57	22°49	24° 1	4°36	29° 6	S 18
S 19	12 14 27	5°33'33	22°59	22°39	20°54	18°18	4°54	12°49	11°42	12°42	29°59	22°46	23°57	4°43	29° 8	S 19
M20	12 18 23	6°32'31	4♎56	22°57	21°46	18°43	4°53	12°45	11°40	12°41	29°59	22°45	23°54	4°50	29°11	M20
T 21	12 22 20	7°31'27	17° 0	23° 8	22°38	19° 8	4°52	12°42	11°38	12°40	0♓ 1	22°D44	23°51	4°56	29°13	T 21
W22	12 26 16	8°30'21	29°13	23°R12	23°29	19°32	4°51	12°39	11°36	12°39	0° 3	22°44	23°48	5° 3	29°15	W22
T 23	12 30 13	9°29'13	11♏35	23°10	24°19	19°56	4°49	12°36	11°34	12°37	0° 4	22°44	23°45	5°10	29°17	T 23
F 24	12 34 9	10°28'02	24° 9	23° 1	25° 8	20°20	4°47	12°32	11°32	12°36	0° 5	22°45	23°42	5°16	29°20	F 24
S 25	12 38 6	11°26'51	6♐58	22°47	25°56	20°44	4°46	12°29	11°30	12°35	0° 7	22°46	23°38	5°23	29°22	S 25
S 26	12 42 3	12°25'37	20° 2	22°26	26°44	21° 7	4°43	12°25	11°28	12°33	0° 8	22°47	23°35	5°30	29°25	S 26
M27	12 45 59	13°24'22	3♑25	22° 1	27°31	21°30	4°41	12°22	11°26	12°32	0° 9	22°48	23°32	5°36	29°27	M27
T 28	12 49 56	14°23'05	17° 7	21°31	28°17	21°53	4°39	12°18	11°24	12°31	0°10	22°R48	23°29	5°43	29°30	T 28
W29	12 53 52	15°21'46	1♒ 9	20°57	29° 2	22°15	4°36	12°14	11°22	12°29	0°12	22°48	23°26	5°50	29°33	W29
T 30	12 57 49	16°20'25	15°30	20°19	29°46	22°37	4°33	12°11	11°20	12°28	0°13	22°47	23°22	5°56	29°36	T 30
F 31	13 1 45	17♈19'03	0♓ 7	19♈40	0♊29	22♐59	4♐30	12♏ 7	11♏18	12♏26	0♓14	22♎47	23♎19	6♍ 3	29♊39	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	4s51	16s41	5n12	0n 1	0n 4	15n 2	2n24	21s26	0n37	20s16	0n54	13s35	2n29	15s 9	0n25	14s 2	1n51	23s30	12s41	9s 6	9s41	6n45	17n16	6s15
T 2	4 28	13 55	5 4	0 57	0 15	15 28	2 29	21 31	0 36	20 16	0 54	13 34	2 30	15 9	0 25	14 2	1 51	23 29	12 41	9 4	9 40	6 43	17 17	6 14
F 3	4 4	10 11	4 36	1 52	0 27	15 53	2 34	21 37	0 35	20 16	0 54	13 33	2 30	15 8	0 25	14 1	1 51	23 29	12 41	9 2	9 38	6 41	17 17	6 14
S 4	3 41	5 45	3 48	2 46	0 40	16 18	2 40	21 42	0 34	20 17	0 54	13 33	2 30	15 8	0 25	14 1	1 51	23 29	12 41	9 0	9 37	6 39	17 18	6 13
S 5	3 17	0 55	2 44	3 39	0 52	16 43	2 45	21 47	0 32	20 17	0 54	13 32	2 30	15 7	0 25	14 1	1 51	23 28	12 41	8 59	9 36	6 37	17 18	6 13
M 6	2 54	3n56	1 29	4 31	1 5	17 8	2 50	21 52	0 31	20 17	0 55	13 31	2 30	15 7	0 25	14 0	1 51	23 28	12 41	8 58	9 35	6 36	17 19	6 12
T 7	2 30	8 28	0 9	5 21	1 17	17 31	2 55	21 56	0 30	20 17	0 55	13 30	2 31	15 7	0 25	14 0	1 52	23 27	12 42	8 58	9 34	6 34	17 19	6 12
W 8	2 7	12 22	1s 9	6 9	1 30	17 55	3 0	22 1	0 29	20 17	0 55	13 29	2 31	15 6	0 25	14 0	1 52	23 27	12 42	8 58	9 33	6 32	17 20	6 12
T 9	1 43	15 27	2 21	6 54	1 42	18 18	3 5	22 6	0 28	20 18	0 55	13 29	2 31	15 6	0 25	13 59	1 52	23 26	12 42	8 58	9 31	6 30	17 20	6 11
F 10	1 19	17 33	3 23	7 38	1 54	18 41	3 9	22 10	0 26	20 18	0 55	13 28	2 31	15 5	0 25	13 59	1 52	23 26	12 42	8 59	9 30	6 28	17 21	6 11
S 11	0 56	18 38	4 12	8 18	2 5	19 3	3 14	22 15	0 25	20 18	0 55	13 27	2 31	15 5	0 25	13 59	1 52	23 26	12 42	8 59	9 29	6 26	17 21	6 10
S 12	0 32	18 44	4 48	8 56	2 16	19 25	3 19	22 19	0 24	20 18	0 55	13 26	2 31	15 4	0 25	13 58	1 52	23 25	12 42	8 59	9 28	6 24	17 22	6 10
M13	0 8	17 55	5 8	9 30	2 26	19 47	3 24	22 23	0 22	20 18	0 55	13 25	2 32	15 4	0 25	13 58	1 52	23 25	12 43	8 59	9 27	6 22	17 22	6 9
T 14	0n15	16 18	5 15	10 2	2 36	20 8	3 29	22 27	0 21	20 18	0 55	13 24	2 32	15 3	0 25	13 58	1 52	23 25	12 43	8 59	9 26	6 20	17 23	6 9
W15	0 39	13 59	5 7	10 30	2 44	20 28	3 33	22 31	0 20	20 18	0 55	13 23	2 32	15 3	0 25	13 57	1 52	23 24	12 43	8 58	9 24	6 19	17 23	6 8
T 16	1 2	11 7	4 47	10 54	2 52	20 48	3 38	22 35	0 18	20 18	0 55	13 22	2 32	15 2	0 25	13 57	1 52	23 24	12 43	8 57	9 23	6 17	17 24	6 8
F 17	1 26	7 49	4 14	11 15	2 59	21 8	3 43	22 39	0 17	20 17	0 55	13 21	2 32	15 2	0 25	13 56	1 52	23 24	12 43	8 55	9 22	6 15	17 24	6 7
S 18	1 49	4 11	3 30	11 33	3 5	21 27	3 47	22 43	0 15	20 17	0 55	13 20	2 32	15 1	0 25	13 56	1 52	23 23	12 44	8 54	9 21	6 13	17 25	6 7
S 19	2 13	0 24	2 37	11 46	3 9	21 46	3 51	22 47	0 14	20 17	0 55	13 19	2 32	15 1	0 25	13 56	1 52	23 23	12 44	8 53	9 20	6 11	17 25	6 6
M20	2 36	3s27	1 37	11 56	3 13	22 4	3 56	22 51	0 12	20 17	0 55	13 18	2 33	15 0	0 25	13 55	1 52	23 23	12 44	8 53	9 19	6 9	17 26	6 6
T 21	3 0	7 11	0 32	12 2	3 15	22 22	4 0	22 54	0 11	20 17	0 56	13 17	2 33	14 59	0 25	13 55	1 52	23 22	12 44	8 52	9 17	6 7	17 26	6 5
W22	3 23	10 41	0n36	12 4	3 15	22 39	4 4	22 58	0 9	20 16	0 56	13 16	2 33	14 59	0 25	13 54	1 52	23 22	12 44	8 52	9 16	6 5	17 27	6 5
T 23	3 46	13 44	1 43	12 3	3 14	22 56	4 8	23 1	0 7	20 16	0 56	13 15	2 33	14 58	0 25	13 54	1 52	23 22	12 45	8 53	9 15	6 3	17 27	6 4
F 24	4 10	16 12	2 46	11 57	3 12	23 12	4 12	23 5	0 6	20 16	0 56	13 14	2 33	14 57	0 25	13 54	1 52	23 21	12 45	8 53	9 14	6 2	17 28	6 4
S 25	4 33	17 55	3 41	11 48	3 8	23 27	4 16	23 8	0 4	20 15	0 56	13 12	2 33	14 57	0 25	13 53	1 52	23 21	12 45	8 53	9 13	6 0	17 28	6 4
S 26	4 56	18 43	4 27	11 35	3 3	23 43	4 20	23 12	0 2	20 15	0 56	13 11	2 33	14 56	0 25	13 53	1 52	23 21	12 45	8 54	9 11	5 58	17 28	6 3
M27	5 19	18 30	4 59	11 19	2 56	23 57	4 24	23 15	0 0	20 14	0 56	13 10	2 33	14 56	0 25	13 52	1 52	23 21	12 46	8 54	9 10	5 56	17 29	6 3
T 28	5 41	17 12	5 16	11 0	2 48	24 11	4 27	23 18	0s 1	20 14	0 56	13 9	2 34	14 55	0 25	13 52	1 52	23 20	12 46	8 54	9 9	5 54	17 29	6 2
W29	6 4	14 52	5 14	10 38	2 38	24 25	4 31	23 21	0 3	20 13	0 56	13 8	2 34	14 54	0 25	13 51	1 52	23 20	12 46	8 54	9 8	5 52	17 30	6 2
T 30	6 27	11 35	4 53	10 14	2 27	24 38	4 34	23 24	0 5	20 13	0 56	13 6	2 34	14 54	0 25	13 51	1 52	23 20	12 46	8 54	9 7	5 50	17 30	6 1
F 31	6n49	7s32	4n13	9n47	2n14	24n50	4n37	23s28	0s 7	20s12	0n56	13s 5	2n34	14s53	0n25	13s50	1n52	23s20	12s47	8s53	9s 6	5n48	17n31	6s 1

Julian Day Number = 2198498.5, Delta T = 10m13s
Ecliptic obliquity = 23°31'37, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°04'38, Lahiri = 14°11'39 Julian Calendar 1 March 1307 == Greg. Calendar 9 March 1307

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ASTRODIENST EPHEMERIS for the year 1307
geocentric

APRIL 1307 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	13 5 42	18♈17'39	14♓55	18°R58	1♊11	23♐20	4°R27	12°R 3	11°R15	12°R25	0♓15	22°R46	23♎16	6♍10	29♊42	S 1
S 2	13 9 38	19°16'13	29°48	18♈16	1°52	23°41	4♐24	11♏59	11♏13	12♏23	0°17	22♎46	23°13	6°16	29°45	S 2
M 3	13 13 35	20°14'46	14♈38	17°33	2°31	24° 1	4°20	11°55	11°11	12°22	0°18	22°46	23°10	6°23	29°48	M 3
T 4	13 17 31	21°13'16	29°18	16°51	3°10	24°22	4°17	11°51	11° 8	12°20	0°19	22°D46	23° 7	6°30	29°51	T 4
W 5	13 21 28	22°11'45	13♉40	16°11	3°48	24°41	4°13	11°47	11° 6	12°19	0°20	22°46	23° 3	6°37	29°55	W 5
T 6	13 25 25	23°10'11	27°41	15°32	4°24	25° 1	4° 9	11°43	11° 4	12°17	0°21	22°R46	23° 0	6°43	29°58	T 6
F 7	13 29 21	24° 8'36	11♊17	14°56	4°59	25°19	4° 5	11°39	11° 1	12°16	0°22	22°46	22°57	6°50	0♋ 2	F 7
S 8	13 33 18	25° 6'59	24°29	14°24	5°32	25°38	4° 0	11°35	10°59	12°14	0°23	22°45	22°54	6°57	0° 5	S 8
S 9	13 37 14	26° 5'19	7♋17	13°55	6° 4	25°56	3°56	11°30	10°57	12°13	0°24	22°45	22°51	7° 3	0° 9	S 9
M10	13 41 11	27° 3'37	19°45	13°30	6°35	26°13	3°51	11°26	10°54	12°11	0°25	22°45	22°47	7°10	0°13	M10
T 11	13 45 7	28° 1'53	1♌57	13° 9	7° 4	26°30	3°46	11°22	10°52	12°10	0°26	22°D45	22°44	7°17	0°16	T 11
W12	13 49 4	29° 0'08	13°57	12°53	7°32	26°47	3°41	11°18	10°49	12° 8	0°27	22°45	22°41	7°23	0°20	W12
T 13	13 53 0	29°58'19	25°50	12°42	7°58	27° 3	3°36	11°13	10°47	12° 7	0°28	22°46	22°38	7°30	0°24	T 13
F 14	13 56 57	0♉56'29	7♍40	12°35	8°22	27°19	3°31	11° 9	10°44	12° 5	0°29	22°46	22°35	7°37	0°28	F 14
S 15	14 0 54	1°54'37	19°31	12°D33	8°44	27°34	3°26	11° 4	10°42	12° 3	0°30	22°47	22°32	7°43	0°32	S 15
S 16	14 4 50	2°52'43	1♎28	12°36	9° 5	27°48	3°20	11° 0	10°40	12° 2	0°31	22°48	22°28	7°50	0°36	S 16
M17	14 8 47	3°50'48	13°32	12°44	9°24	28° 2	3°14	10°56	10°37	12° 0	0°32	22°49	22°25	7°57	0°40	M17
T 18	14 12 43	4°48'50	25°47	12°57	9°41	28°16	3° 9	10°51	10°35	11°59	0°33	22°R49	22°22	8° 3	0°45	T 18
W19	14 16 40	5°46'51	8♏14	13°14	9°56	28°29	3° 3	10°47	10°32	11°57	0°34	22°48	22°19	8°10	0°49	W19
T 20	14 20 36	6°44'50	20°55	13°35	10° 8	28°42	2°57	10°42	10°30	11°55	0°34	22°47	22°16	8°17	0°53	T 20
F 21	14 24 33	7°42'47	3♐50	14° 1	10°19	28°53	2°51	10°38	10°27	11°54	0°35	22°46	22°13	8°23	0°58	F 21
S 22	14 28 29	8°40'44	16°59	14°31	10°28	29° 5	2°44	10°33	10°25	11°52	0°36	22°44	22° 9	8°30	1° 2	S 22
S 23	14 32 26	9°38'38	0♑21	15° 5	10°34	29°16	2°38	10°29	10°22	11°51	0°37	22°41	22° 6	8°37	1° 7	S 23
M24	14 36 23	10°36'32	13°57	15°44	10°38	29°26	2°31	10°24	10°19	11°49	0°37	22°39	22° 3	8°44	1°11	M24
T 25	14 40 19	11°34'24	27°46	16°25	10°R40	29°35	2°25	10°20	10°17	11°47	0°38	22°38	22° 0	8°50	1°16	T 25
W26	14 44 16	12°32'15	11♒46	17°11	10°39	29°44	2°18	10°15	10°14	11°46	0°39	22°D38	21°57	8°57	1°21	W26
T 27	14 48 12	13°30'04	25°56	18° 0	10°36	29°52	2°11	10°11	10°12	11°44	0°40	22°38	21°53	9° 4	1°25	T 27
F 28	14 52 9	14°27'53	10♓15	18°53	10°31	0♑ 0	2° 5	10° 6	10° 9	11°42	0°40	22°39	21°50	9°10	1°30	F 28
S 29	14 56 5	15°25'40	24°40	19°48	10°23	0° 7	1°58	10° 2	10° 7	11°41	0°41	22°40	21°47	9°17	1°35	S 29
S 30	15 0 2	16♉23'26	9♈ 7	20♈47	10♊13	0♑13	1♐50	9♏58	10♏ 4	11♏39	0♓41	22♎41	21♎44	9♍24	1♋40	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	7n12	2s58	3n15	9n19	2n 1	25n 2	4n40	23s31	0s 9	20s11	0n56	13s 4	2n34	14s52	0n25	13s50	1n52	23s20	12s47	8s53	9s 4	5n46	17n31	6s 0
S 2	7 34	1n49	2 4	8 49	1 46	25 13	4 43	23 34	0 11	20 11	0 56	13 3	2 34	14 51	0 25	13 50	1 53	23 19	12 47	8 53	9 3	5 45	17 32	6 0
M 3	7 56	6 29	0 45	8 19	1 31	25 24	4 45	23 37	0 13	20 10	0 56	13 1	2 34	14 51	0 25	13 49	1 53	23 19	12 47	8 53	9 2	5 43	17 32	6 0
T 4	8 18	10 42	0s36	7 48	1 15	25 34	4 48	23 40	0 15	20 9	0 56	13 0	2 34	14 50	0 25	13 49	1 53	23 19	12 48	8 53	9 1	5 41	17 32	5 59
W 5	8 40	14 12	1 54	7 17	0 58	25 44	4 50	23 43	0 18	20 9	0 56	12 59	2 34	14 49	0 25	13 48	1 53	23 19	12 48	8 53	9 0	5 39	17 33	5 59
T 6	9 2	16 45	3 2	6 46	0 41	25 53	4 52	23 46	0 20	20 8	0 56	12 57	2 34	14 49	0 25	13 48	1 53	23 19	12 48	8 53	8 58	5 37	17 33	5 58
F 7	9 24	18 17	3 58	6 17	0 24	26 2	4 54	23 49	0 22	20 7	0 56	12 56	2 34	14 48	0 25	13 47	1 53	23 19	12 49	8 53	8 57	5 35	17 34	5 58
S 8	9 45	18 45	4 40	5 49	0 8	26 10	4 56	23 52	0 24	20 6	0 56	12 55	2 34	14 47	0 25	13 47	1 53	23 19	12 49	8 53	8 56	5 33	17 34	5 58
S 9	10 7	18 14	5 6	5 22	0s 9	26 17	4 58	23 54	0 27	20 5	0 56	12 53	2 34	14 46	0 25	13 46	1 53	23 18	12 49	8 53	8 55	5 31	17 34	5 57
M10	10 28	16 50	5 17	4 57	0 25	26 24	4 59	23 57	0 29	20 5	0 56	12 52	2 34	14 46	0 25	13 46	1 53	23 18	12 49	8 53	8 54	5 29	17 35	5 57
T 11	10 49	14 42	5 13	4 35	0 41	26 30	5 0	24 0	0 31	20 4	0 56	12 51	2 34	14 45	0 25	13 45	1 53	23 18	12 50	8 53	8 53	5 28	17 35	5 56
W12	11 10	11 58	4 56	4 14	0 57	26 35	5 1	24 3	0 34	20 3	0 56	12 49	2 35	14 44	0 25	13 45	1 53	23 18	12 50	8 53	8 51	5 26	17 36	5 56
T 13	11 30	8 47	4 26	3 56	1 11	26 40	5 1	24 6	0 36	20 2	0 56	12 48	2 35	14 43	0 25	13 44	1 53	23 18	12 50	8 53	8 50	5 24	17 36	5 56
F 14	11 51	5 14	3 45	3 41	1 25	26 44	5 1	24 9	0 39	20 1	0 56	12 47	2 35	14 43	0 25	13 44	1 53	23 18	12 51	8 53	8 49	5 22	17 36	5 55
S 15	12 11	1 29	2 54	3 28	1 38	26 48	5 1	24 12	0 42	20 0	0 56	12 45	2 35	14 42	0 25	13 43	1 53	23 18	12 51	8 54	8 48	5 20	17 37	5 55
S 16	12 31	2s21	1 56	3 18	1 51	26 51	5 1	24 15	0 44	19 59	0 56	12 44	2 35	14 41	0 25	13 43	1 53	23 18	12 51	8 54	8 47	5 18	17 37	5 54
M17	12 51	6 9	0 51	3 10	2 2	26 53	5 0	24 18	0 47	19 58	0 56	12 43	2 35	14 40	0 25	13 42	1 53	23 18	12 52	8 54	8 45	5 16	17 37	5 54
T 18	13 10	9 45	0n16	3 5	2 13	26 55	4 59	24 21	0 50	19 56	0 56	12 41	2 35	14 40	0 25	13 42	1 53	23 18	12 52	8 54	8 44	5 14	17 38	5 54
W19	13 30	12 58	1 24	3 3	2 23	26 56	4 58	24 24	0 53	19 55	0 56	12 40	2 35	14 39	0 25	13 41	1 53	23 18	12 52	8 54	8 43	5 12	17 38	5 53
T 20	13 49	15 39	2 29	3 3	2 32	26 56	4 56	24 27	0 56	19 54	0 56	12 38	2 35	14 38	0 25	13 41	1 53	23 18	12 53	8 54	8 42	5 11	17 38	5 53
F 21	14 8	17 35	3 28	3 6	2 40	26 55	4 54	24 30	0 59	19 53	0 56	12 37	2 35	14 37	0 25	13 40	1 53	23 18	12 53	8 53	8 41	5 9	17 39	5 53
S 22	14 27	18 38	4 17	3 11	2 47	26 54	4 51	24 33	1 1	19 52	0 56	12 36	2 35	14 36	0 25	13 40	1 53	23 18	12 53	8 52	8 40	5 7	17 39	5 52
S 23	14 45	18 39	4 52	3 18	2 53	26 52	4 48	24 36	1 5	19 51	0 56	12 34	2 35	14 36	0 25	13 39	1 53	23 18	12 53	8 51	8 38	5 5	17 39	5 52
M24	15 4	17 37	5 12	3 28	2 59	26 49	4 45	24 39	1 8	19 49	0 56	12 33	2 35	14 35	0 25	13 39	1 53	23 18	12 54	8 51	8 37	5 3	17 40	5 52
T 25	15 22	15 33	5 14	3 39	3 4	26 45	4 41	24 42	1 11	19 48	0 56	12 32	2 34	14 34	0 25	13 38	1 53	23 18	12 54	8 50	8 36	5 1	17 40	5 51
W26	15 39	12 33	4 58	3 53	3 7	26 41	4 36	24 46	1 14	19 47	0 56	12 30	2 34	14 33	0 25	13 38	1 53	23 18	12 54	8 50	8 35	4 59	17 40	5 51
T 27	15 57	8 47	4 24	4 9	3 10	26 36	4 32	24 49	1 17	19 46	0 56	12 29	2 34	14 32	0 25	13 37	1 53	23 18	12 55	8 50	8 34	4 57	17 40	5 51
F 28	16 14	4 28	3 33	4 27	3 13	26 30	4 26	24 52	1 21	19 44	0 56	12 28	2 34	14 32	0 25	13 37	1 53	23 18	12 55	8 51	8 32	4 55	17 41	5 50
S 29	16 31	0n 9	2 28	4 47	3 14	26 23	4 20	24 56	1 24	19 43	0 56	12 26	2 34	14 31	0 25	13 36	1 53	23 18	12 55	8 51	8 31	4 54	17 41	5 50
S 30	16n48	4n46	1n14	5n 8	3s15	26n15	4n14	24s59	1s27	19s42	0n56	12s25	2n34	14s30	0n25	13s36	1n53	23s18	12s56	8s51	8s30	4n52	17n41	5s50

Julian Day Number = 2198529.5, Delta T = 10m13s
Ecliptic obliquity = 23°31'37, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°04'43, Lahiri = 14°11'43 Julian Calendar 1 Apr. 1307 == Greg. Calendar 9 Apr. 1307

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ASTRODIENST EPHEMERIS for the year 1307
geocentric

MAY 1307 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	15 3 58	17♉21'11	23♈32	21♈49	10°R 0	0♋19	1°R43	9°R53	10°R 2	11°R38	0♓42	22°R42	21♎41	9♍30	1♋45	M 1
T 2	15 7 55	18°18'54	7♉50	22°54	9♊45	0°24	1♐36	9♏49	9♏59	11♏36	0°43	22♎41	21°38	9°37	1°50	T 2
W 3	15 11 52	19°16'36	21°56	24° 2	9°28	0°28	1°29	9°44	9°57	11°34	0°43	22°39	21°34	9°44	1°55	W 3
T 4	15 15 48	20°14'17	5♊46	25°13	9° 8	0°31	1°22	9°40	9°54	11°33	0°44	22°36	21°31	9°50	2° 0	T 4
F 5	15 19 45	21°11'57	19°17	26°27	8°46	0°34	1°14	9°36	9°52	11°31	0°44	22°32	21°28	9°57	2° 5	F 5
S 6	15 23 41	22° 9'35	2♋27	27°43	8°22	0°36	1° 7	9°31	9°50	11°30	0°45	22°27	21°25	10° 4	2°11	S 6
S 7	15 27 38	23° 7'12	15°16	29° 2	7°56	0°37	0°59	9°27	9°47	11°28	0°45	22°23	21°22	10°10	2°16	S 7
M 8	15 31 34	24° 4'47	27°45	0♌23	7°28	0°R38	0°52	9°23	9°45	11°26	0°45	22°19	21°19	10°17	2°21	M 8
T 9	15 35 31	25° 2'21	9♌59	1°47	6°58	0°38	0°44	9°18	9°42	11°25	0°46	22°17	21°15	10°24	2°26	T 9
W10	15 39 27	25°59'54	22° 0	3°14	6°26	0°37	0°37	9°14	9°40	11°23	0°46	22°D15	21°12	10°30	2°32	W10
T 11	15 43 24	26°57'25	3♍53	4°43	5°53	0°35	0°29	9°10	9°38	11°22	0°46	22°16	21° 9	10°37	2°37	T 11
F 12	15 47 21	27°54'54	15°43	6°15	5°18	0°33	0°21	9° 6	9°35	11°20	0°47	22°17	21° 6	10°44	2°43	F 12
S 13	15 51 17	28°52'22	27°36	7°49	4°43	0°30	0°14	9° 2	9°33	11°19	0°47	22°18	21° 3	10°50	2°48	S 13
S 14	15 55 14	29°49'49	9♎35	9°25	4° 6	0°26	0° 6	8°58	9°31	11°17	0°47	22°20	20°59	10°57	2°54	S 14
M15	15 59 10	0♊47'15	21°45	11° 4	3°29	0°21	29♏58	8°54	9°28	11°16	0°48	22°R21	20°56	11° 4	2°59	M15
T 16	16 3 7	1°44'40	4♏10	12°46	2°51	0°16	29°51	8°50	9°26	11°14	0°48	22°20	20°53	11°10	3° 5	T 16
W17	16 7 3	2°42'03	16°52	14°30	2°14	0° 9	29°43	8°46	9°24	11°13	0°48	22°17	20°50	11°17	3°11	W17
T 18	16 11 0	3°39'26	29°52	16°16	1°36	0° 3	29°36	8°42	9°22	11°11	0°48	22°13	20°47	11°24	3°16	T 18
F 19	16 14 56	4°36'47	13♐ 9	18° 5	0°59	29♐55	29°28	8°38	9°19	11°10	0°48	22° 7	20°44	11°30	3°22	F 19
S 20	16 18 53	5°34'08	26°43	19°56	0°22	29°47	29°20	8°34	9°17	11° 8	0°48	22° 1	20°40	11°37	3°28	S 20
S 21	16 22 50	6°31'28	10♑31	21°49	29♉46	29°38	29°13	8°31	9°15	11° 7	0°48	21°54	20°37	11°44	3°34	S 21
M22	16 26 46	7°28'47	24°30	23°45	29°11	29°28	29° 5	8°27	9°13	11° 5	0°49	21°47	20°34	11°51	3°40	M22
T 23	16 30 43	8°26'06	8♒35	25°43	28°37	29°17	28°58	8°24	9°11	11° 4	0°49	21°42	20°31	11°57	3°45	T 23
W24	16 34 39	9°23'25	22°45	27°44	28° 4	29° 6	28°50	8°20	9° 9	11° 2	0°R49	21°39	20°28	12° 4	3°51	W24
T 25	16 38 36	10°20'42	6♓55	29°46	27°34	28°55	28°43	8°17	9° 7	11° 1	0°49	21°D38	20°25	12°11	3°57	T 25
F 26	16 42 32	11°18'00	21° 5	1♈50	27° 5	28°42	28°36	8°13	9° 5	11° 0	0°49	21°38	20°21	12°17	4° 3	F 26
S 27	16 46 29	12°15'17	5♈13	3°56	26°38	28°29	28°28	8°10	9° 3	10°58	0°49	21°39	20°18	12°24	4° 9	S 27
S 28	16 50 25	13°12'33	19°18	6° 3	26°13	28°15	28°21	8° 7	9° 1	10°57	0°48	21°R40	20°15	12°31	4°15	S 28
M29	16 54 22	14° 9'50	3♉17	8°12	25°50	28° 1	28°14	8° 3	8°59	10°56	0°48	21°39	20°12	12°37	4°21	M29
T 30	16 58 19	15° 7'06	17° 9	10°22	25°29	27°46	28° 7	8° 0	8°57	10°54	0°48	21°37	20° 9	12°44	4°27	T 30
W31	17 2 15	16♊ 4'21	0♊51	12♊32	25♉11	27♐31	28♏ 0	7♏57	8♏55	10♏53	0♓48	21♎32	20♎ 5	12♍51	4♋33	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	17n 4	9n 6	0s 5	5n31	3s15	26n 6	4n 7	25s 2	1s31	19s40	0n56	12s24	2n34	14s29	0n25	13s35	1n53	23s18	12s56	8s52	8s29	4n50	17n41	5s50
T 2	17 21	12 52	1 22	5 56	3 15	25 56	3 59	25 6	1 34	19 39	0 56	12 22	2 34	14 29	0 25	13 35	1 53	23 19	12 57	8 51	8 28	4 48	17 42	5 49
W 3	17 37	15 50	2 34	6 22	3 13	25 46	3 51	25 10	1 38	19 37	0 56	12 21	2 34	14 28	0 25	13 34	1 53	23 19	12 57	8 51	8 26	4 46	17 42	5 49
T 4	17 52	17 49	3 35	6 49	3 11	25 34	3 43	25 13	1 42	19 36	0 56	12 20	2 34	14 27	0 25	13 34	1 53	23 19	12 57	8 49	8 25	4 44	17 42	5 49
F 5	18 7	18 44	4 22	7 19	3 9	25 21	3 33	25 17	1 45	19 35	0 56	12 18	2 34	14 26	0 25	13 33	1 53	23 19	12 58	8 48	8 24	4 42	17 42	5 49
S 6	18 23	18 36	4 54	7 49	3 5	25 8	3 24	25 21	1 49	19 33	0 56	12 17	2 34	14 26	0 24	13 33	1 53	23 19	12 58	8 46	8 23	4 40	17 42	5 48
S 7	18 37	17 31	5 10	8 20	3 1	24 54	3 13	25 24	1 53	19 32	0 55	12 16	2 34	14 25	0 24	13 32	1 53	23 19	12 58	8 45	8 22	4 38	17 42	5 48
M 8	18 52	15 36	5 11	8 53	2 57	24 38	3 3	25 28	1 57	19 30	0 55	12 15	2 34	14 24	0 24	13 32	1 53	23 19	12 59	8 43	8 20	4 36	17 43	5 48
T 9	19 6	13 1	4 58	9 27	2 52	24 22	2 51	25 32	2 1	19 29	0 55	12 13	2 33	14 23	0 24	13 31	1 53	23 20	12 59	8 42	8 19	4 35	17 43	5 48
W10	19 19	9 56	4 32	10 2	2 46	24 5	2 40	25 36	2 4	19 27	0 55	12 12	2 33	14 23	0 24	13 31	1 53	23 20	12 59	8 42	8 18	4 33	17 43	5 47
T 11	19 33	6 29	3 54	10 38	2 40	23 47	2 28	25 40	2 8	19 26	0 55	12 11	2 33	14 22	0 24	13 31	1 53	23 20	13 0	8 42	8 17	4 31	17 43	5 47
F 12	19 46	2 47	3 7	11 14	2 33	23 29	2 15	25 44	2 12	19 24	0 55	12 10	2 33	14 21	0 24	13 30	1 53	23 20	13 0	8 42	8 16	4 29	17 43	5 47
S 13	19 59	1s 3	2 11	11 52	2 26	23 9	2 2	25 48	2 16	19 23	0 55	12 9	2 33	14 20	0 24	13 30	1 53	23 20	13 0	8 43	8 14	4 27	17 43	5 47
S 14	20 11	4 52	1 9	12 30	2 18	22 49	1 49	25 52	2 21	19 21	0 55	12 7	2 33	14 20	0 24	13 29	1 53	23 21	13 1	8 43	8 13	4 25	17 43	5 46
M15	20 23	8 34	0 3	13 9	2 10	22 29	1 35	25 56	2 25	19 20	0 55	12 6	2 33	14 19	0 24	13 29	1 53	23 21	13 1	8 44	8 12	4 23	17 43	5 46
T 16	20 35	11 57	1n 4	13 48	2 1	22 8	1 21	26 0	2 29	19 18	0 55	12 5	2 33	14 18	0 24	13 28	1 53	23 21	13 1	8 43	8 11	4 21	17 43	5 46
W17	20 47	14 52	2 9	14 27	1 52	21 47	1 7	26 4	2 33	19 17	0 54	12 4	2 32	14 17	0 24	13 28	1 53	23 21	13 2	8 43	8 10	4 19	17 44	5 46
T 18	20 58	17 7	3 9	15 7	1 43	21 25	0 53	26 9	2 37	19 15	0 54	12 3	2 32	14 17	0 24	13 27	1 53	23 22	13 2	8 41	8 8	4 18	17 44	5 46
F 19	21 8	18 29	4 1	15 47	1 33	21 4	0 39	26 13	2 41	19 14	0 54	12 2	2 32	14 16	0 24	13 27	1 52	23 22	13 3	8 39	8 7	4 16	17 44	5 45
S 20	21 19	18 50	4 39	16 27	1 23	20 42	0 25	26 17	2 45	19 12	0 54	12 1	2 32	14 15	0 24	13 27	1 52	23 22	13 3	8 36	8 6	4 14	17 44	5 45
S 21	21 29	18 5	5 2	17 7	1 13	20 21	0 11	26 21	2 50	19 11	0 54	12 0	2 32	14 15	0 24	13 26	1 52	23 23	13 3	8 34	8 5	4 12	17 44	5 45
M22	21 38	16 15	5 8	17 47	1 2	20 0	0s 3	26 25	2 54	19 9	0 54	11 59	2 32	14 14	0 24	13 26	1 52	23 23	13 4	8 31	8 4	4 10	17 44	5 45
T 23	21 48	13 26	4 55	18 26	0 51	19 39	0 17	26 30	2 58	19 8	0 54	11 58	2 31	14 13	0 24	13 25	1 52	23 23	13 4	8 29	8 2	4 8	17 44	5 45
W24	21 56	9 49	4 24	19 4	0 40	19 18	0 31	26 34	3 2	19 6	0 53	11 57	2 31	14 13	0 24	13 25	1 52	23 23	13 4	8 28	8 1	4 6	17 44	5 45
T 25	22 5	5 38	3 37	19 42	0 29	18 58	0 44	26 38	3 7	19 5	0 53	11 56	2 31	14 12	0 24	13 25	1 52	23 24	13 5	8 28	8 0	4 4	17 44	5 45
F 26	22 13	1 8	2 37	20 18	0 18	18 39	0 57	26 42	3 11	19 3	0 53	11 55	2 31	14 12	0 24	13 24	1 52	23 24	13 5	8 28	7 59	4 2	17 44	5 44
S 27	22 21	3n25	1 27	20 54	0 7	18 20	1 10	26 46	3 15	19 2	0 53	11 54	2 31	14 11	0 24	13 24	1 52	23 24	13 5	8 28	7 58	4 0	17 44	5 44
S 28	22 28	7 47	0 13	21 27	0n 4	18 2	1 22	26 50	3 19	19 0	0 53	11 53	2 31	14 10	0 24	13 23	1 52	23 25	13 6	8 28	7 56	3 59	17 43	5 44
M29	22 35	11 41	1s 2	21 59	0 14	17 45	1 34	26 54	3 23	18 59	0 53	11 52	2 30	14 10	0 24	13 23	1 52	23 25	13 6	8 28	7 55	3 57	17 43	5 44
T 30	22 42	14 54	2 13	22 29	0 25	17 29	1 46	26 58	3 28	18 58	0 53	11 52	2 30	14 9	0 24	13 23	1 52	23 26	13 6	8 27	7 54	3 55	17 43	5 44
W31	22n48	17n14	3s14	22n57	0n35	17n14	1s57	27s 2	3s32	18s56	0n52	11s51	2n30	14s 9	0n24	13s22	1n52	23s26	13s 7	8s25	7s53	3n53	17n43	5s44

Julian Day Number = 2198559.5, Delta T = 10m13s
Ecliptic obliquity = 23°31'37, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°04'47, Lahiri = 14°11'47 Julian Calendar 1 May 1307 == Greg. Calendar 9 May 1307

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ASTRODIENST EPHEMERIS for the year 1307
geocentric

JUNE 1307 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	17 6 12	17♊ 1'37	14♊21	14♊44	24°R55	27°R15	27°R53	7°R54	8°R53	10°R52	0°R48	21°R25	20♎ 2	12♍57	4♋40	T 1
F 2	17 10 8	17°58'51	27°37	16°55	24♉41	26♐59	27♏46	7♏51	8♏52	10♏51	0♓48	21♎16	19°59	13° 4	4°46	F 2
S 3	17 14 5	18°56'06	10♋36	19° 7	24°30	26°43	27°40	7°48	8°50	10°50	0°48	21° 6	19°56	13°11	4°52	S 3
S 4	17 18 1	19°53'20	23°18	21°18	24°21	26°26	27°33	7°46	8°48	10°48	0°47	20°56	19°53	13°17	4°58	S 4
M 5	17 21 58	20°50'33	5♌44	23°29	24°14	26° 8	27°27	7°43	8°46	10°47	0°47	20°47	19°50	13°24	5° 4	M 5
T 6	17 25 54	21°47'45	17°55	25°39	24°10	25°51	27°20	7°40	8°45	10°46	0°47	20°40	19°46	13°31	5°10	T 6
W 7	17 29 51	22°44'57	29°55	27°48	24°D 8	25°33	27°14	7°38	8°43	10°45	0°46	20°35	19°43	13°37	5°17	W 7
T 8	17 33 48	23°42'09	11♍48	29°56	24° 9	25°15	27° 8	7°36	8°42	10°44	0°46	20°33	19°40	13°44	5°23	T 8
F 9	17 37 44	24°39'20	23°37	2♋ 3	24°12	24°57	27° 2	7°33	8°40	10°43	0°46	20°D32	19°37	13°51	5°29	F 9
S 10	17 41 41	25°36'30	5♎30	4° 8	24°17	24°39	26°56	7°31	8°39	10°42	0°45	20°32	19°34	13°57	5°35	S 10
S 11	17 45 37	26°33'40	17°30	6°12	24°24	24°20	26°50	7°29	8°37	10°41	0°45	20°R33	19°30	14° 4	5°42	S 11
M12	17 49 34	27°30'50	29°43	8°13	24°33	24° 2	26°44	7°27	8°36	10°40	0°45	20°32	19°27	14°11	5°48	M12
T 13	17 53 30	28°28'00	12♏13	10°13	24°45	23°44	26°39	7°25	8°35	10°39	0°44	20°30	19°24	14°17	5°54	T 13
W14	17 57 27	29°25'09	25° 5	12°11	24°58	23°26	26°33	7°23	8°33	10°38	0°44	20°26	19°21	14°24	6° 1	W14
T 15	18 1 23	0♋22'18	8♐19	14° 7	25°13	23° 8	26°28	7°21	8°32	10°37	0°43	20°19	19°18	14°31	6° 7	T 15
F 16	18 5 20	1°19'26	21°56	16° 1	25°31	22°50	26°23	7°19	8°31	10°36	0°43	20°10	19°15	14°37	6°13	F 16
S 17	18 9 17	2°16'35	5♑54	17°53	25°50	22°32	26°18	7°17	8°30	10°35	0°42	20° 0	19°11	14°44	6°20	S 17
S 18	18 13 13	3°13'44	20° 8	19°44	26°11	22°15	26°13	7°16	8°29	10°34	0°42	19°49	19° 8	14°51	6°26	S 18
M19	18 17 10	4°10'53	4♒33	21°32	26°34	21°58	26° 8	7°14	8°28	10°34	0°41	19°39	19° 5	14°57	6°32	M19
T 20	18 21 6	5° 8'02	19° 3	23°18	26°58	21°41	26° 4	7°13	8°27	10°33	0°40	19°31	19° 2	15° 4	6°39	T 20
W21	18 25 3	6° 5'12	3♓30	25° 2	27°24	21°25	25°59	7°12	8°26	10°32	0°40	19°25	18°59	15°11	6°45	W21
T 22	18 28 59	7° 2'22	17°52	26°44	27°52	21° 9	25°55	7°11	8°25	10°31	0°39	19°22	18°56	15°17	6°51	T 22
F 23	18 32 56	7°59'32	2♈ 5	28°24	28°21	20°53	25°51	7° 9	8°24	10°31	0°38	19°21	18°52	15°24	6°58	F 23
S 24	18 36 52	8°56'43	16° 7	0♌ 2	28°52	20°38	25°47	7° 8	8°23	10°30	0°38	19°21	18°49	15°31	7° 4	S 24
S 25	18 40 49	9°53'55	29°58	1°38	29°24	20°24	25°43	7° 8	8°22	10°29	0°37	19°21	18°46	15°37	7°11	S 25
M26	18 44 46	10°51'07	13♉38	3°12	29°57	20°10	25°40	7° 7	8°21	10°29	0°36	19°19	18°43	15°44	7°17	M26
T 27	18 48 42	11°48'20	27° 8	4°44	0♊32	19°56	25°36	7° 6	8°21	10°28	0°36	19°15	18°40	15°51	7°23	T 27
W28	18 52 39	12°45'33	10♊26	6°14	1° 8	19°44	25°33	7° 5	8°20	10°27	0°35	19° 8	18°36	15°57	7°30	W28
T 29	18 56 35	13°42'47	23°34	7°41	1°45	19°32	25°30	7° 5	8°20	10°27	0°34	18°59	18°33	16° 4	7°36	T 29
F 30	19 0 32	14♋40'02	6♋30	9♌ 7	2♊23	19♐20	25♏27	7♏ 4	8♏19	10♏26	0♓33	18♎47	18♎30	16♍11	7♋42	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n53	18n34	4s 4	23n23	0n44	17n 0	2s 8	27s 6	3s36	18s55	0n52	11s50	2n30	14s 8	0n24	13s22	1n52	23s26	13s 7	8s23	7s52	3n51	17n43	5s44
F 2	22 59	18 51	4 40	23 46	0 54	16 47	2 18	27 9	3 40	18 53	0 52	11 49	2 30	14 8	0 24	13 22	1 52	23 27	13 7	8 19	7 50	3 49	17 43	5 44
S 3	23 4	18 7	5 0	24 7	1 2	16 34	2 28	27 13	3 44	18 52	0 52	11 49	2 29	14 7	0 24	13 21	1 52	23 27	13 8	8 16	7 49	3 47	17 43	5 44
S 4	23 8	16 30	5 4	24 25	1 11	16 23	2 37	27 16	3 47	18 51	0 52	11 48	2 29	14 6	0 24	13 21	1 52	23 27	13 8	8 12	7 48	3 45	17 43	5 44
M 5	23 13	14 9	4 55	24 40	1 18	16 13	2 46	27 19	3 51	18 50	0 51	11 47	2 29	14 6	0 24	13 21	1 52	23 28	13 8	8 9	7 47	3 43	17 42	5 44
T 6	23 16	11 12	4 31	24 52	1 25	16 4	2 54	27 22	3 55	18 48	0 51	11 47	2 29	14 5	0 24	13 20	1 52	23 28	13 9	8 6	7 46	3 41	17 42	5 43
W 7	23 20	7 51	3 56	25 2	1 31	15 56	3 2	27 25	3 59	18 47	0 51	11 46	2 29	14 5	0 24	13 20	1 52	23 29	13 9	8 4	7 44	3 40	17 42	5 43
T 8	23 23	4 13	3 12	25 8	1 37	15 49	3 10	27 28	4 2	18 46	0 51	11 45	2 28	14 4	0 24	13 20	1 52	23 29	13 9	8 3	7 43	3 38	17 42	5 43
F 9	23 25	0 25	2 19	25 12	1 42	15 43	3 17	27 31	4 6	18 45	0 51	11 45	2 28	14 4	0 24	13 19	1 52	23 30	13 10	8 3	7 42	3 36	17 42	5 43
S 10	23 27	3s24	1 20	25 13	1 46	15 37	3 23	27 34	4 9	18 43	0 50	11 44	2 28	14 4	0 24	13 19	1 52	23 30	13 10	8 3	7 41	3 34	17 41	5 43
S 11	23 29	7 9	0 16	25 12	1 49	15 33	3 29	27 36	4 12	18 42	0 50	11 44	2 28	14 3	0 24	13 19	1 52	23 31	13 10	8 3	7 40	3 32	17 41	5 43
M12	23 30	10 39	0n49	25 7	1 51	15 30	3 35	27 39	4 15	18 41	0 50	11 43	2 27	14 3	0 24	13 19	1 52	23 31	13 11	8 3	7 38	3 30	17 41	5 43
T 13	23 31	13 46	1 53	25 1	1 53	15 28	3 40	27 41	4 18	18 40	0 50	11 43	2 27	14 2	0 24	13 18	1 52	23 31	13 11	8 2	7 37	3 28	17 41	5 43
W14	23 32	16 18	2 53	24 52	1 54	15 26	3 45	27 43	4 21	18 39	0 50	11 43	2 27	14 2	0 24	13 18	1 51	23 32	13 11	8 1	7 36	3 26	17 40	5 43
T 15	23 32	18 4	3 45	24 41	1 55	15 25	3 50	27 45	4 24	18 38	0 49	11 42	2 27	14 2	0 24	13 18	1 51	23 32	13 12	7 58	7 35	3 24	17 40	5 43
F 16	23 31	18 51	4 26	24 27	1 55	15 25	3 54	27 46	4 27	18 37	0 49	11 42	2 26	14 1	0 24	13 18	1 51	23 33	13 12	7 55	7 34	3 22	17 40	5 43
S 17	23 30	18 31	4 53	24 12	1 54	15 26	3 58	27 48	4 29	18 36	0 49	11 42	2 26	14 1	0 24	13 17	1 51	23 33	13 12	7 51	7 32	3 21	17 40	5 43
S 18	23 29	17 2	5 2	23 55	1 52	15 28	4 1	27 49	4 32	18 35	0 49	11 41	2 26	14 1	0 24	13 17	1 51	23 34	13 13	7 47	7 31	3 19	17 39	5 43
M19	23 28	14 28	4 52	23 36	1 50	15 30	4 4	27 50	4 34	18 34	0 49	11 41	2 26	14 0	0 24	13 17	1 51	23 34	13 13	7 43	7 30	3 17	17 39	5 43
T 20	23 26	11 0	4 23	23 16	1 47	15 33	4 7	27 52	4 36	18 33	0 48	11 41	2 25	14 0	0 24	13 17	1 51	23 35	13 13	7 40	7 29	3 15	17 39	5 43
W21	23 23	6 53	3 38	22 54	1 44	15 36	4 9	27 53	4 38	18 33	0 48	11 41	2 25	14 0	0 24	13 17	1 51	23 35	13 14	7 38	7 28	3 13	17 38	5 43
T 22	23 20	2 23	2 39	22 31	1 40	15 40	4 11	27 53	4 40	18 32	0 48	11 40	2 25	13 59	0 23	13 16	1 51	23 36	13 14	7 36	7 26	3 11	17 38	5 44
F 23	23 17	2n12	1 30	22 7	1 35	15 45	4 13	27 54	4 42	18 31	0 48	11 40	2 25	13 59	0 23	13 16	1 51	23 36	13 14	7 36	7 25	3 9	17 37	5 44
S 24	23 13	6 37	0 17	21 41	1 30	15 50	4 15	27 55	4 44	18 30	0 48	11 40	2 24	13 59	0 23	13 16	1 51	23 37	13 15	7 36	7 24	3 7	17 37	5 44
S 25	23 9	10 38	0s56	21 15	1 25	15 56	4 16	27 55	4 45	18 30	0 47	11 40	2 24	13 59	0 23	13 16	1 51	23 37	13 15	7 36	7 23	3 5	17 37	5 44
M26	23 5	14 0	2 5	20 47	1 18	16 2	4 17	27 56	4 47	18 29	0 47	11 40	2 24	13 58	0 23	13 16	1 51	23 38	13 15	7 35	7 21	3 4	17 36	5 44
T 27	23 0	16 35	3 6	20 19	1 12	16 8	4 18	27 56	4 48	18 28	0 47	11 40	2 24	13 58	0 23	13 16	1 51	23 39	13 15	7 34	7 20	3 2	17 36	5 44
W28	22 55	18 13	3 55	19 50	1 5	16 15	4 18	27 56	4 49	18 28	0 47	11 40	2 23	13 58	0 23	13 16	1 51	23 39	13 16	7 31	7 19	3 0	17 35	5 44
T 29	22 49	18 51	4 32	19 20	0 57	16 22	4 19	27 56	4 50	18 27	0 46	11 40	2 23	13 58	0 23	13 15	1 51	23 40	13 16	7 28	7 18	2 58	17 35	5 44
F 30	22n43	18n29	4s54	18n50	0n49	16n29	4s19	27s56	4s51	18s27	0n46	11s40	2n23	13s58	0n23	13s15	1n51	23s40	13s16	7s23	7s17	2n56	17n34	5s44

Julian Day Number = 2198590.5, Delta T = 10m13s
Ecliptic obliquity = 23°31'36, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°04'51, Lahiri = 14°11'51 Julian Calendar 1 June 1307 == Greg. Calendar 9 June 1307

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ASTRODIENST EPHEMERIS for the year 1307
geocentric

JULY 1307 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	19 4 28	15♋37'17	19♋13	10♌31	3♊ 2	19°R10	25°R24	7°R 4	8°R19	10°R26	0°R33	18°R34	18♎27	16♍17	7♋49	S 1
S 2	19 8 25	16°34'33	1♌43	11°52	3°43	19♐ 0	25♏22	7♏ 4	8♏18	10♏26	0♓32	18♎21	18°24	16°24	7°55	S 2
M 3	19 12 22	17°31'48	14° 0	13°11	4°24	18°51	25°20	7° 4	8°18	10°25	0°31	18° 9	18°21	16°31	8° 1	M 3
T 4	19 16 18	18°29'05	26° 5	14°29	5° 7	18°42	25°17	7°D 4	8°17	10°25	0°30	17°59	18°17	16°37	8° 8	T 4
W 5	19 20 15	19°26'22	8♍ 1	15°43	5°50	18°35	25°15	7° 4	8°17	10°24	0°29	17°52	18°14	16°44	8°14	W 5
T 6	19 24 11	20°23'39	19°51	16°56	6°34	18°28	25°14	7° 4	8°17	10°24	0°28	17°47	18°11	16°51	8°20	T 6
F 7	19 28 8	21°20'56	1♎39	18° 6	7°20	18°22	25°12	7° 4	8°17	10°24	0°27	17°45	18° 8	16°57	8°27	F 7
S 8	19 32 4	22°18'14	13°29	19°13	8° 5	18°17	25°10	7° 4	8°17	10°24	0°26	17°44	18° 5	17° 4	8°33	S 8
S 9	19 36 1	23°15'33	25°28	20°18	8°52	18°13	25° 9	7° 5	8°17	10°23	0°25	17°44	18° 2	17°11	8°39	S 9
M10	19 39 57	24°12'52	7♏40	21°20	9°40	18° 9	25° 8	7° 5	8°D17	10°23	0°24	17°44	17°58	17°17	8°45	M10
T 11	19 43 54	25°10'11	20°11	22°19	10°28	18° 7	25° 7	7° 6	8°17	10°23	0°23	17°42	17°55	17°24	8°52	T 11
W12	19 47 50	26° 7'32	3♐ 6	23°16	11°17	18° 5	25° 6	7° 7	8°17	10°23	0°22	17°37	17°52	17°31	8°58	W12
T 13	19 51 47	27° 4'52	16°26	24° 9	12° 7	18° 4	25° 6	7° 8	8°17	10°23	0°21	17°31	17°49	17°37	9° 4	T 13
F 14	19 55 44	28° 2'14	0♑14	25° 0	12°58	18°D 4	25° 6	7° 8	8°17	10°23	0°20	17°22	17°46	17°44	9°10	F 14
S 15	19 59 40	28°59'36	14°28	25°46	13°49	18° 5	25°D 5	7° 9	8°17	10°D23	0°19	17°11	17°42	17°51	9°17	S 15
S 16	20 3 37	29°56'59	29° 2	26°30	14°40	18° 6	25° 5	7°11	8°17	10°23	0°18	17° 0	17°39	17°57	9°23	S 16
M17	20 7 33	0♌54'23	13♒50	27°10	15°33	18° 9	25° 6	7°12	8°18	10°23	0°17	16°50	17°36	18° 4	9°29	M17
T 18	20 11 30	1°51'48	28°44	27°46	16°26	18°12	25° 6	7°13	8°18	10°23	0°16	16°42	17°33	18°11	9°35	T 18
W19	20 15 26	2°49'14	13♓34	28°18	17°19	18°16	25° 7	7°15	8°19	10°23	0°15	16°36	17°30	18°17	9°41	W19
T 20	20 19 23	3°46'42	28°14	28°45	18°14	18°21	25° 7	7°16	8°19	10°23	0°14	16°33	17°27	18°24	9°47	T 20
F 21	20 23 19	4°44'10	12♈38	29° 9	19° 8	18°27	25° 8	7°18	8°20	10°23	0°13	16°D32	17°23	18°31	9°53	F 21
S 22	20 27 16	5°41'41	26°46	29°28	20° 4	18°33	25° 9	7°19	8°20	10°23	0°12	16°32	17°20	18°37	9°59	S 22
S 23	20 31 13	6°39'12	10♉35	29°42	20°59	18°40	25°11	7°21	8°21	10°24	0°11	16°R32	17°17	18°44	10° 5	S 23
M24	20 35 9	7°36'45	24° 6	29°51	21°56	18°48	25°12	7°23	8°22	10°24	0°10	16°31	17°14	18°51	10°11	M24
T 25	20 39 6	8°34'20	7♊22	29°R54	22°52	18°57	25°14	7°25	8°22	10°24	0° 8	16°28	17°11	18°57	10°17	T 25
W26	20 43 2	9°31'56	20°24	29°53	23°49	19° 7	25°16	7°27	8°23	10°24	0° 7	16°22	17° 8	19° 4	10°23	W26
T 27	20 46 59	10°29'34	3♋13	29°46	24°47	19°17	25°18	7°29	8°24	10°25	0° 6	16°14	17° 4	19°11	10°29	T 27
F 28	20 50 55	11°27'13	15°49	29°33	25°45	19°28	25°20	7°31	8°25	10°25	0° 5	16° 3	17° 1	19°17	10°35	F 28
S 29	20 54 52	12°24'53	28°15	29°15	26°43	19°40	25°22	7°34	8°26	10°26	0° 4	15°52	16°58	19°24	10°40	S 29
S 30	20 58 49	13°22'35	10♌31	28°52	27°42	19°52	25°25	7°36	8°27	10°26	0° 2	15°41	16°55	19°31	10°46	S 30
M31	21 2 45	14♌20'18	22♌37	28♌23	28♊42	20♐ 6	25♏27	7♏39	8♏28	10♏27	0♓ 1	15♎30	16♎52	19♍37	10♋52	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n36	17n11	5s 0	18n20	0n41	16n37	4s19	27s56	4s52	18s26	0n46	11s41	2n23	13s58	0n23	13s15	1n51	23s41	13s17	7s18	7s15	2n54	17n34	5s44
S 2	22 30	15 6	4 52	17 49	0 32	16 45	4 18	27 56	4 53	18 26	0 46	11 41	2 22	13 58	0 23	13 15	1 50	23 41	13 17	7 13	7 14	2 52	17 33	5 44
M 3	22 22	12 22	4 31	17 18	0 23	16 53	4 18	27 56	4 53	18 26	0 45	11 41	2 22	13 57	0 23	13 15	1 50	23 42	13 17	7 9	7 13	2 50	17 33	5 45
T 4	22 15	9 9	3 57	16 46	0 14	17 1	4 17	27 55	4 54	18 25	0 45	11 41	2 22	13 57	0 23	13 15	1 50	23 42	13 17	7 5	7 12	2 48	17 32	5 45
W 5	22 7	5 36	3 14	16 15	0 4	17 9	4 16	27 55	4 54	18 25	0 45	11 41	2 22	13 57	0 23	13 15	1 50	23 43	13 18	7 2	7 11	2 46	17 32	5 45
T 6	21 58	1 52	2 22	15 44	0s 6	17 18	4 15	27 55	4 54	18 25	0 45	11 42	2 21	13 57	0 23	13 15	1 50	23 44	13 18	7 0	7 9	2 45	17 31	5 45
F 7	21 50	1s57	1 24	15 12	0 16	17 27	4 13	27 54	4 55	18 25	0 45	11 42	2 21	13 57	0 23	13 15	1 50	23 44	13 18	6 59	7 8	2 43	17 31	5 45
S 8	21 40	5 41	0 23	14 41	0 27	17 35	4 12	27 54	4 55	18 25	0 44	11 42	2 21	13 57	0 23	13 15	1 50	23 45	13 18	6 59	7 7	2 41	17 30	5 45
S 9	21 31	9 15	0n41	14 10	0 38	17 44	4 10	27 53	4 55	18 25	0 44	11 43	2 20	13 57	0 23	13 15	1 50	23 45	13 19	6 59	7 6	2 39	17 30	5 46
M10	21 21	12 29	1 44	13 40	0 49	17 53	4 9	27 53	4 54	18 25	0 44	11 43	2 20	13 57	0 23	13 15	1 50	23 46	13 19	6 59	7 5	2 37	17 29	5 46
T 11	21 11	15 14	2 43	13 10	1 1	18 2	4 7	27 52	4 54	18 25	0 44	11 44	2 20	13 57	0 23	13 15	1 50	23 46	13 19	6 58	7 3	2 35	17 29	5 46
W12	21 0	17 19	3 36	12 41	1 12	18 11	4 5	27 52	4 54	18 25	0 43	11 44	2 20	13 57	0 23	13 15	1 50	23 47	13 19	6 56	7 2	2 33	17 28	5 46
T 13	20 49	18 32	4 19	12 12	1 24	18 19	4 2	27 51	4 53	18 25	0 43	11 45	2 19	13 57	0 23	13 15	1 50	23 48	13 20	6 54	7 1	2 31	17 27	5 46
F 14	20 38	18 43	4 48	11 44	1 36	18 28	4 0	27 51	4 53	18 25	0 43	11 45	2 19	13 57	0 23	13 15	1 50	23 48	13 20	6 51	7 0	2 29	17 27	5 46
S 15	20 26	17 45	5 1	11 17	1 48	18 37	3 58	27 50	4 52	18 25	0 43	11 46	2 19	13 58	0 23	13 15	1 50	23 49	13 20	6 47	6 58	2 28	17 26	5 47
S 16	20 14	15 37	4 55	10 51	2 0	18 45	3 55	27 50	4 52	18 25	0 42	11 46	2 19	13 58	0 23	13 15	1 50	23 49	13 20	6 42	6 57	2 26	17 26	5 47
M17	20 2	12 26	4 29	10 26	2 12	18 53	3 52	27 49	4 51	18 26	0 42	11 47	2 18	13 58	0 23	13 15	1 50	23 50	13 20	6 38	6 56	2 24	17 25	5 47
T 18	19 49	8 27	3 45	10 2	2 25	19 2	3 49	27 49	4 50	18 26	0 42	11 48	2 18	13 58	0 23	13 15	1 50	23 50	13 21	6 35	6 55	2 22	17 24	5 47
W19	19 36	3 56	2 45	9 39	2 37	19 10	3 46	27 49	4 49	18 26	0 42	11 48	2 18	13 58	0 23	13 15	1 49	23 51	13 21	6 33	6 54	2 20	17 24	5 48
T 20	19 23	0n45	1 36	9 18	2 49	19 18	3 43	27 48	4 48	18 27	0 41	11 49	2 18	13 58	0 23	13 15	1 49	23 52	13 21	6 32	6 52	2 18	17 23	5 48
F 21	19 9	5 20	0 21	8 59	3 1	19 25	3 40	27 48	4 47	18 27	0 41	11 50	2 17	13 59	0 23	13 16	1 49	23 52	13 21	6 31	6 51	2 16	17 22	5 48
S 22	18 55	9 31	0s54	8 42	3 13	19 33	3 37	27 47	4 46	18 28	0 41	11 51	2 17	13 59	0 23	13 16	1 49	23 53	13 21	6 31	6 50	2 14	17 21	5 48
S 23	18 41	13 5	2 4	8 26	3 24	19 40	3 34	27 47	4 45	18 28	0 41	11 52	2 17	13 59	0 23	13 16	1 49	23 53	13 21	6 31	6 49	2 12	17 21	5 49
M24	18 26	15 52	3 6	8 12	3 35	19 47	3 30	27 46	4 44	18 29	0 41	11 52	2 17	13 59	0 23	13 16	1 49	23 54	13 22	6 31	6 47	2 10	17 20	5 49
T 25	18 11	17 44	3 56	8 1	3 46	19 53	3 27	27 46	4 43	18 29	0 40	11 53	2 16	14 0	0 23	13 16	1 49	23 55	13 22	6 30	6 46	2 9	17 19	5 49
W26	17 56	18 38	4 33	7 52	3 56	20 0	3 23	27 45	4 42	18 30	0 40	11 54	2 16	14 0	0 23	13 16	1 49	23 55	13 22	6 27	6 45	2 7	17 19	5 50
T 27	17 40	18 34	4 56	7 46	4 5	20 6	3 20	27 45	4 41	18 31	0 40	11 55	2 16	14 0	0 22	13 16	1 49	23 56	13 22	6 24	6 44	2 5	17 18	5 50
F 28	17 24	17 34	5 3	7 42	4 14	20 12	3 16	27 45	4 39	18 31	0 40	11 56	2 15	14 0	0 22	13 17	1 49	23 56	13 22	6 20	6 43	2 3	17 17	5 50
S 29	17 8	15 45	4 56	7 41	4 22	20 17	3 12	27 44	4 38	18 32	0 39	11 57	2 15	14 1	0 22	13 17	1 49	23 57	13 22	6 16	6 41	2 1	17 16	5 50
S 30	16 52	13 14	4 36	7 43	4 28	20 22	3 8	27 44	4 36	18 33	0 39	11 58	2 15	14 1	0 22	13 17	1 49	23 57	13 23	6 12	6 40	1 59	17 16	5 51
M31	16n35	10n12	4s 3	7n48	4s34	20n27	3s 4	27s44	4s35	18s34	0n39	11s59	2n15	14s 1	0n22	13s17	1n49	23s58	13s23	6s 7	6s39	1n57	17n15	5s51

Julian Day Number = 2198620.5, Delta T = 10m13s
Ecliptic obliquity = 23°31'36, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°04'55, Lahiri = 14°11'56 Julian Calendar 1 July 1307 == Greg. Calendar 9 July 1307

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ASTRODIENST EPHEMERIS for the year 1307
geocentric

AUGUST 1307 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	21 6 42	15♌18'02	4♍35	27°R49	29♊41	20♐20	25♏30	7♏41	8♏29	10♏27	0°R 0	15°R21	16♎48	19♍44	10♋58	T 1
W 2	21 10 38	16°15'48	16°26	27♌ 9	0♋41	20°34	25°33	7°44	8°30	10°28	29♒59	15♎15	16°45	19°51	11° 3	W 2
T 3	21 14 35	17°13'35	28°14	26°26	1°42	20°50	25°37	7°47	8°31	10°28	29°58	15°11	16°42	19°57	11° 9	T 3
F 4	21 18 31	18°11'23	10♎ 0	25°39	2°42	21° 6	25°40	7°50	8°33	10°29	29°56	15°D10	16°39	20° 4	11°14	F 4
S 5	21 22 28	19° 9'13	21°50	24°48	3°43	21°23	25°44	7°52	8°34	10°29	29°55	15°10	16°36	20°11	11°20	S 5
S 6	21 26 24	20° 7'03	3♏48	23°56	4°45	21°40	25°48	7°56	8°35	10°30	29°54	15°10	16°33	20°17	11°25	S 6
M 7	21 30 21	21° 4'55	15°58	23° 2	5°46	21°58	25°52	7°59	8°37	10°31	29°53	15°R11	16°29	20°24	11°31	M 7
T 8	21 34 17	22° 2'49	28°27	22° 8	6°48	22°16	25°56	8° 2	8°38	10°32	29°51	15°11	16°26	20°31	11°36	T 8
W 9	21 38 14	23° 0'44	11♐19	21°14	7°51	22°36	26° 0	8° 5	8°40	10°32	29°50	15° 9	16°23	20°37	11°42	W 9
T 10	21 42 11	23°58'40	24°37	20°23	8°53	22°55	26° 4	8° 9	8°41	10°33	29°49	15° 6	16°20	20°44	11°47	T 10
F 11	21 46 7	24°56'37	8♑24	19°35	9°56	23°16	26° 9	8°12	8°43	10°34	29°48	15° 0	16°17	20°51	11°52	F 11
S 12	21 50 4	25°54'36	22°40	18°51	10°59	23°37	26°14	8°16	8°45	10°35	29°46	14°53	16°14	20°57	11°58	S 12
S 13	21 54 0	26°52'36	7♒22	18°12	12° 3	23°58	26°19	8°19	8°46	10°36	29°45	14°46	16°10	21° 4	12° 3	S 13
M14	21 57 57	27°50'38	22°21	17°40	13° 6	24°20	26°24	8°23	8°48	10°37	29°44	14°39	16° 7	21°11	12° 8	M14
T 15	22 1 53	28°48'41	7♓30	17°14	14°10	24°43	26°29	8°27	8°50	10°38	29°43	14°33	16° 4	21°17	12°13	T 15
W16	22 5 50	29°46'46	22°39	16°56	15°15	25° 6	26°35	8°31	8°52	10°39	29°41	14°30	16° 1	21°24	12°18	W16
T 17	22 9 46	0♍44'53	7♈38	16°46	16°19	25°29	26°40	8°34	8°54	10°40	29°40	14°D28	15°58	21°31	12°23	T 17
F 18	22 13 43	1°43'02	22°20	16°D44	17°24	25°54	26°46	8°39	8°56	10°41	29°39	14°28	15°54	21°37	12°28	F 18
S 19	22 17 40	2°41'13	6♉41	16°52	18°29	26°18	26°52	8°43	8°57	10°42	29°38	14°29	15°51	21°44	12°33	S 19
S 20	22 21 36	3°39'26	20°38	17° 8	19°34	26°43	26°58	8°47	8°59	10°43	29°36	14°30	15°48	21°51	12°38	S 20
M21	22 25 33	4°37'41	4♊12	17°32	20°39	27° 9	27° 4	8°51	9° 2	10°44	29°35	14°R31	15°45	21°57	12°42	M21
T 22	22 29 29	5°35'59	17°24	18° 6	21°45	27°35	27°10	8°55	9° 4	10°45	29°34	14°30	15°42	22° 4	12°47	T 22
W23	22 33 26	6°34'18	0♋17	18°47	22°51	28° 1	27°17	9° 0	9° 6	10°46	29°32	14°28	15°39	22°10	12°52	W23
T 24	22 37 22	7°32'40	12°54	19°37	23°57	28°28	27°23	9° 4	9° 8	10°48	29°31	14°24	15°35	22°17	12°56	T 24
F 25	22 41 19	8°31'04	25°18	20°35	25° 4	28°55	27°30	9° 9	9°10	10°49	29°30	14°19	15°32	22°24	13° 1	F 25
S 26	22 45 15	9°29'29	7♌30	21°40	26°10	29°23	27°37	9°13	9°13	10°50	29°29	14°12	15°29	22°30	13° 5	S 26
S 27	22 49 12	10°27'57	19°34	22°51	27°17	29°51	27°44	9°18	9°15	10°51	29°28	14° 6	15°26	22°37	13°10	S 27
M28	22 53 9	11°26'27	1♍30	24° 8	28°24	0♑19	27°51	9°23	9°17	10°53	29°26	14° 1	15°23	22°44	13°14	M28
T 29	22 57 5	12°24'58	13°22	25°32	29°31	0°48	27°59	9°28	9°20	10°54	29°25	13°56	15°19	22°50	13°18	T 29
W30	23 1 2	13°23'32	25°10	27° 0	0♌38	1°17	28° 6	9°33	9°22	10°55	29°24	13°53	15°16	22°57	13°23	W30
T 31	23 4 58	14♍22'07	6♎57	28♌32	1♌46	1♑47	28♏14	9♏38	9♏25	10♏57	29♒23	13♎51	15♎13	23♍ 4	13♋27	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	16n18	6n46	3s19	7n56	4s38	20n31	3s 0	27s43	4s34	18s35	0n39	12s 0	2n14	14s 2	0n22	13s17	1n49	23s58	13s23	6s 4	6s38	1n55	17n14	5s51
W 2	16 1	3 6	2 28	8 7	4 40	20 35	2 56	27 43	4 32	18 36	0 39	12 1	2 14	14 2	0 22	13 18	1 49	23 59	13 23	6 2	6 36	1 53	17 13	5 52
T 3	15 44	0s40	1 30	8 21	4 41	20 39	2 52	27 42	4 30	18 37	0 38	12 3	2 14	14 3	0 22	13 18	1 49	24 0	13 23	6 0	6 35	1 52	17 12	5 52
F 4	15 26	4 24	0 28	8 37	4 40	20 42	2 48	27 42	4 29	18 38	0 38	12 4	2 14	14 3	0 22	13 18	1 48	24 0	13 23	5 59	6 34	1 50	17 12	5 52
S 5	15 8	7 59	0n36	8 57	4 37	20 45	2 44	27 41	4 27	18 39	0 38	12 5	2 13	14 4	0 22	13 18	1 48	24 1	13 23	6 0	6 33	1 48	17 11	5 53
S 6	14 50	11 17	1 39	9 18	4 32	20 47	2 40	27 41	4 26	18 40	0 38	12 6	2 13	14 4	0 22	13 19	1 48	24 1	13 23	6 0	6 32	1 46	17 10	5 53
M 7	14 31	14 9	2 38	9 42	4 26	20 49	2 36	27 40	4 24	18 41	0 37	12 7	2 13	14 5	0 22	13 19	1 48	24 2	13 23	6 0	6 30	1 44	17 9	5 54
T 8	14 13	16 27	3 32	10 7	4 17	20 50	2 31	27 40	4 22	18 42	0 37	12 9	2 13	14 5	0 22	13 19	1 48	24 2	13 24	6 0	6 29	1 42	17 8	5 54
W 9	13 54	17 59	4 16	10 34	4 7	20 51	2 27	27 39	4 21	18 44	0 37	12 10	2 12	14 6	0 22	13 20	1 48	24 3	13 24	5 59	6 28	1 40	17 8	5 54
T 10	13 35	18 37	4 49	11 2	3 55	20 51	2 23	27 39	4 19	18 45	0 37	12 11	2 12	14 6	0 22	13 20	1 48	24 3	13 24	5 58	6 27	1 38	17 7	5 55
F 11	13 15	18 10	5 6	11 30	3 41	20 51	2 18	27 38	4 17	18 46	0 37	12 13	2 12	14 7	0 22	13 20	1 48	24 4	13 24	5 56	6 25	1 36	17 6	5 55
S 12	12 56	16 36	5 5	11 58	3 26	20 51	2 14	27 38	4 16	18 47	0 36	12 14	2 12	14 7	0 22	13 20	1 48	24 4	13 24	5 53	6 24	1 35	17 5	5 56
S 13	12 36	13 55	4 45	12 25	3 10	20 50	2 9	27 37	4 14	18 49	0 36	12 15	2 12	14 8	0 22	13 21	1 48	24 5	13 24	5 50	6 23	1 33	17 4	5 56
M14	12 16	10 15	4 4	12 51	2 53	20 48	2 5	27 36	4 12	18 50	0 36	12 17	2 11	14 8	0 22	13 21	1 48	24 5	13 24	5 48	6 22	1 31	17 3	5 56
T 15	11 56	5 54	3 7	13 16	2 35	20 46	2 0	27 35	4 10	18 52	0 36	12 18	2 11	14 9	0 22	13 22	1 48	24 6	13 24	5 45	6 21	1 29	17 2	5 57
W16	11 35	1 10	1 55	13 39	2 16	20 44	1 56	27 35	4 9	18 53	0 36	12 20	2 11	14 10	0 22	13 22	1 48	24 6	13 24	5 44	6 19	1 27	17 2	5 57
T 17	11 15	3n36	0 37	14 0	1 57	20 41	1 52	27 34	4 7	18 55	0 35	12 21	2 11	14 10	0 22	13 22	1 48	24 7	13 24	5 43	6 18	1 25	17 1	5 58
F 18	10 54	8 4	0s43	14 19	1 38	20 37	1 47	27 33	4 5	18 56	0 35	12 23	2 10	14 11	0 22	13 23	1 48	24 7	13 24	5 43	6 17	1 23	17 0	5 58
S 19	10 33	11 56	1 58	14 34	1 20	20 33	1 43	27 32	4 3	18 58	0 35	12 24	2 10	14 11	0 22	13 23	1 48	24 8	13 24	5 44	6 16	1 21	16 59	5 59
S 20	10 12	15 1	3 4	14 47	1 1	20 29	1 38	27 30	4 1	18 59	0 35	12 26	2 10	14 12	0 22	13 23	1 48	24 8	13 24	5 44	6 14	1 19	16 58	5 59
M21	9 51	17 10	3 58	14 57	0 44	20 23	1 34	27 29	4 0	19 1	0 34	12 27	2 10	14 13	0 22	13 24	1 47	24 9	13 24	5 45	6 13	1 18	16 57	6 0
T 22	9 29	18 20	4 37	15 3	0 26	20 18	1 29	27 28	3 58	19 3	0 34	12 29	2 10	14 14	0 22	13 24	1 47	24 9	13 24	5 44	6 12	1 16	16 56	6 0
W23	9 8	18 30	5 2	15 5	0 10	20 12	1 25	27 27	3 56	19 4	0 34	12 30	2 9	14 14	0 22	13 25	1 47	24 10	13 24	5 43	6 11	1 14	16 55	6 0
T 24	8 46	17 44	5 11	15 4	0n 6	20 5	1 20	27 25	3 54	19 6	0 34	12 32	2 9	14 15	0 22	13 25	1 47	24 10	13 24	5 42	6 10	1 12	16 54	6 1
F 25	8 24	16 9	5 6	15 0	0 20	19 57	1 16	27 23	3 52	19 8	0 34	12 34	2 9	14 16	0 22	13 26	1 47	24 11	13 24	5 40	6 8	1 10	16 53	6 1
S 26	8 2	13 51	4 46	14 52	0 34	19 50	1 11	27 22	3 50	19 9	0 33	12 35	2 9	14 16	0 22	13 26	1 47	24 11	13 24	5 37	6 7	1 8	16 53	6 2
S 27	7 40	10 59	4 14	14 41	0 46	19 41	1 7	27 20	3 48	19 11	0 33	12 37	2 8	14 17	0 22	13 26	1 47	24 12	13 24	5 35	6 6	1 6	16 52	6 2
M28	7 18	7 41	3 31	14 25	0 57	19 32	1 2	27 18	3 46	19 13	0 33	12 39	2 8	14 18	0 22	13 27	1 47	24 12	13 24	5 33	6 5	1 4	16 51	6 3
T 29	6 56	4 7	2 39	14 7	1 8	19 23	0 58	27 16	3 45	19 15	0 33	12 40	2 8	14 19	0 22	13 27	1 47	24 12	13 24	5 31	6 3	1 2	16 50	6 3
W30	6 33	0 23	1 41	13 46	1 17	19 13	0 54	27 14	3 43	19 17	0 33	12 42	2 8	14 20	0 22	13 28	1 47	24 13	13 24	5 30	6 2	1 1	16 49	6 4
T 31	6n10	3s21	0s38	13n21	1n25	19n 2	0s49	27s12	3s41	19s19	0n33	12s44	2n 8	14s20	0n22	13s28	1n47	24s13	13s24	5s29	6s 1	0n59	16n48	6s 5

Julian Day Number = 2198651.5, Delta T = 10m12s
Ecliptic obliquity = 23°31'36, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°04'59, Lahiri = 14°12'00 Julian Calendar 1 Aug. 1307 == Greg. Calendar 9 Aug. 1307

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ASTRODIENST EPHEMERIS for the year 1307
geocentric

SEPTEMBER 1307 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	23 8 55	15♍20'45	18♎45	0♍ 8	2♌54	2♑17	28♏21	9♏43	9♏27	10♏58	29°R21	13°D51	15♎10	23♍10	13♋31	F 1
S 2	23 12 51	16°19'24	0♏38	1°48	4° 1	2°47	28°29	9°48	9°30	11° 0	29♒20	13♎52	15° 7	23°17	13°35	S 2
S 3	23 16 48	17°18'05	12°38	3°30	5°10	3°18	28°37	9°53	9°32	11° 1	29°19	13°54	15° 4	23°24	13°39	S 3
M 4	23 20 44	18°16'48	24°50	5°14	6°18	3°49	28°45	9°58	9°35	11° 3	29°18	13°55	15° 0	23°30	13°43	M 4
T 5	23 24 41	19°15'32	7♐18	7° 0	7°26	4°21	28°54	10° 3	9°38	11° 4	29°17	13°57	14°57	23°37	13°47	T 5
W 6	23 28 37	20°14'19	20° 6	8°47	8°35	4°52	29° 2	10° 9	9°40	11° 6	29°15	13°R57	14°54	23°44	13°50	W 6
T 7	23 32 34	21°13'07	3♑19	10°36	9°43	5°24	29°11	10°14	9°43	11° 7	29°14	13°57	14°51	23°50	13°54	T 7
F 8	23 36 31	22°11'57	16°58	12°25	10°52	5°57	29°19	10°19	9°46	11° 9	29°13	13°55	14°48	23°57	13°58	F 8
S 9	23 40 27	23°10'48	1♒ 5	14°14	12° 1	6°29	29°28	10°25	9°49	11°11	29°12	13°53	14°45	24° 4	14° 1	S 9
S 10	23 44 24	24° 9'42	15°38	16° 4	13°10	7° 2	29°37	10°31	9°51	11°12	29°11	13°50	14°41	24°10	14° 5	S 10
M11	23 48 20	25° 8'37	0♓33	17°53	14°20	7°36	29°46	10°36	9°54	11°14	29°10	13°48	14°38	24°17	14° 8	M11
T 12	23 52 17	26° 7'34	15°42	19°43	15°29	8° 9	29°55	10°42	9°57	11°16	29° 9	13°46	14°35	24°24	14°11	T 12
W13	23 56 13	27° 6'33	0♈57	21°32	16°39	8°43	0♐ 4	10°48	10° 0	11°17	29° 8	13°45	14°32	24°30	14°15	W13
T 14	0 0 10	28° 5'34	16° 6	23°20	17°49	9°17	0°14	10°53	10° 3	11°19	29° 6	13°D44	14°29	24°37	14°18	T 14
F 15	0 4 6	29° 4'38	1♉ 2	25° 8	18°58	9°51	0°23	10°59	10° 6	11°21	29° 5	13°45	14°25	24°44	14°21	F 15
S 16	0 8 3	0♎ 3'43	15°37	26°56	20° 8	10°26	0°33	11° 5	10° 9	11°23	29° 4	13°46	14°22	24°50	14°24	S 16
S 17	0 12 0	1° 2'51	29°47	28°43	21°19	11° 1	0°42	11°11	10°12	11°25	29° 3	13°47	14°19	24°57	14°27	S 17
M18	0 15 56	2° 2'01	13♊30	0♎29	22°29	11°36	0°52	11°17	10°15	11°26	29° 2	13°48	14°16	25° 3	14°30	M18
T 19	0 19 53	3° 1'14	26°48	2°14	23°39	12°11	1° 2	11°23	10°19	11°28	29° 1	13°48	14°13	25°10	14°32	T 19
W20	0 23 49	4° 0'29	9♋41	3°59	24°50	12°46	1°12	11°29	10°22	11°30	29° 0	13°R48	14°10	25°17	14°35	W20
T 21	0 27 46	4°59'47	22°15	5°43	26° 1	13°22	1°22	11°35	10°25	11°32	28°59	13°48	14° 6	25°23	14°38	T 21
F 22	0 31 42	5°59'07	4♌32	7°26	27°12	13°58	1°32	11°41	10°28	11°34	28°58	13°47	14° 3	25°30	14°40	F 22
S 23	0 35 39	6°58'29	16°37	9° 9	28°23	14°34	1°43	11°48	10°31	11°36	28°57	13°46	14° 0	25°37	14°43	S 23
S 24	0 39 35	7°57'53	28°32	10°51	29°34	15°11	1°53	11°54	10°35	11°38	28°56	13°45	13°57	25°43	14°45	S 24
M25	0 43 32	8°57'20	10♍23	12°32	0♍45	15°47	2° 3	12° 0	10°38	11°40	28°55	13°45	13°54	25°50	14°47	M25
T 26	0 47 29	9°56'48	22°11	14°12	1°56	16°24	2°14	12° 7	10°41	11°42	28°55	13°44	13°50	25°57	14°50	T 26
W27	0 51 25	10°56'19	3♎58	15°52	3° 8	17° 1	2°25	12°13	10°45	11°44	28°54	13°44	13°47	26° 3	14°52	W27
T 28	0 55 22	11°55'52	15°48	17°30	4°19	17°38	2°36	12°19	10°48	11°46	28°53	13°D44	13°44	26°10	14°54	T 28
F 29	0 59 18	12°55'27	27°43	19° 9	5°31	18°15	2°46	12°26	10°51	11°48	28°52	13°44	13°41	26°17	14°56	F 29
S 30	1 3 15	13♎55'04	9♏44	20♎46	6♍42	18♑53	2♐57	12♏32	10♏55	11♏50	28♒51	13°R44	13♎38	26♍23	14♋57	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	5n48	6s57	0n27	12n53	1n31	18n51	0s45	27s 9	3s39	19s20	0n32	12s46	2n 7	14s21	0n22	13s29	1n47	24s14	13s24	5s29	6s 0	0n57	16n47	6s 5
S 2	5 25	10 19	1 31	12 23	1 37	18 40	0 41	27 7	3 37	19 22	0 32	12 47	2 7	14 22	0 21	13 29	1 47	24 14	13 24	5 29	5 58	0 55	16 46	6 6
S 3	5 2	13 16	2 32	11 51	1 42	18 28	0 36	27 4	3 35	19 24	0 32	12 49	2 7	14 23	0 21	13 30	1 47	24 14	13 24	5 30	5 57	0 53	16 45	6 6
M 4	4 39	15 42	3 27	11 16	1 46	18 15	0 32	27 1	3 33	19 26	0 32	12 51	2 7	14 24	0 21	13 30	1 47	24 15	13 24	5 31	5 56	0 51	16 44	6 7
T 5	4 16	17 26	4 14	10 39	1 48	18 2	0 28	26 58	3 31	19 28	0 32	12 53	2 7	14 25	0 21	13 31	1 47	24 15	13 24	5 31	5 55	0 49	16 43	6 7
W 6	3 53	18 21	4 49	10 0	1 50	17 48	0 24	26 55	3 29	19 30	0 31	12 55	2 7	14 25	0 21	13 31	1 47	24 16	13 24	5 31	5 54	0 47	16 42	6 8
T 7	3 30	18 19	5 10	9 20	1 51	17 34	0 20	26 52	3 27	19 32	0 31	12 57	2 6	14 26	0 21	13 32	1 47	24 16	13 23	5 31	5 52	0 46	16 41	6 8
F 8	3 6	17 14	5 15	8 39	1 52	17 19	0 16	26 49	3 26	19 34	0 31	12 58	2 6	14 27	0 21	13 32	1 47	24 16	13 23	5 31	5 51	0 44	16 41	6 9
S 9	2 43	15 5	5 2	7 56	1 51	17 4	0 12	26 45	3 24	19 36	0 31	13 0	2 6	14 28	0 21	13 33	1 47	24 17	13 23	5 30	5 50	0 42	16 40	6 9
S 10	2 20	11 56	4 29	7 12	1 50	16 48	0 8	26 42	3 22	19 39	0 31	13 2	2 6	14 29	0 21	13 34	1 46	24 17	13 23	5 29	5 49	0 40	16 39	6 10
M11	1 56	7 56	3 37	6 28	1 48	16 32	0 4	26 38	3 20	19 41	0 31	13 4	2 6	14 30	0 21	13 34	1 46	24 17	13 23	5 28	5 47	0 38	16 38	6 11
T 12	1 33	3 22	2 29	5 43	1 46	16 15	0n 0	26 34	3 18	19 43	0 30	13 6	2 5	14 31	0 21	13 35	1 46	24 17	13 23	5 27	5 46	0 36	16 37	6 11
W13	1 9	1n27	1 10	4 57	1 43	15 58	0 4	26 30	3 16	19 45	0 30	13 8	2 5	14 32	0 21	13 35	1 46	24 18	13 23	5 27	5 45	0 34	16 36	6 12
T 14	0 46	6 9	0s13	4 11	1 40	15 41	0 8	26 26	3 14	19 47	0 30	13 10	2 5	14 33	0 21	13 36	1 46	24 18	13 23	5 26	5 44	0 32	16 35	6 12
F 15	0 22	10 24	1 35	3 24	1 36	15 23	0 12	26 21	3 12	19 49	0 30	13 12	2 5	14 34	0 21	13 36	1 46	24 18	13 23	5 27	5 42	0 30	16 34	6 13
S 16	0s 1	13 54	2 48	2 38	1 32	15 4	0 15	26 17	3 10	19 51	0 30	13 14	2 5	14 35	0 21	13 37	1 46	24 19	13 22	5 27	5 41	0 29	16 33	6 14
S 17	0 25	16 27	3 49	1 51	1 27	14 45	0 19	26 12	3 8	19 53	0 30	13 16	2 5	14 36	0 21	13 38	1 46	24 19	13 22	5 27	5 40	0 27	16 32	6 14
M18	0 49	17 58	4 34	1 4	1 23	14 26	0 23	26 7	3 7	19 56	0 29	13 18	2 4	14 37	0 21	13 38	1 46	24 19	13 22	5 28	5 39	0 25	16 31	6 15
T 19	1 12	18 26	5 4	0 17	1 18	14 6	0 26	26 2	3 5	19 58	0 29	13 20	2 4	14 38	0 21	13 39	1 46	24 19	13 22	5 28	5 37	0 23	16 31	6 15
W20	1 36	17 54	5 17	0s29	1 12	13 45	0 30	25 57	3 3	20 0	0 29	13 22	2 4	14 39	0 21	13 39	1 46	24 20	13 22	5 28	5 36	0 21	16 30	6 16
T 21	2 0	16 31	5 14	1 16	1 7	13 25	0 33	25 51	3 1	20 2	0 29	13 24	2 4	14 40	0 21	13 40	1 46	24 20	13 22	5 28	5 35	0 19	16 29	6 17
F 22	2 23	14 23	4 57	2 2	1 1	13 3	0 36	25 46	2 59	20 5	0 29	13 26	2 4	14 41	0 21	13 41	1 46	24 20	13 22	5 28	5 34	0 17	16 28	6 17
S 23	2 47	11 40	4 27	2 48	0 55	12 42	0 39	25 40	2 57	20 7	0 29	13 28	2 4	14 42	0 21	13 41	1 46	24 20	13 21	5 27	5 33	0 15	16 27	6 18
S 24	3 10	8 30	3 46	3 34	0 49	12 20	0 43	25 34	2 55	20 9	0 28	13 30	2 4	14 43	0 21	13 42	1 46	24 20	13 21	5 27	5 31	0 14	16 26	6 19
M25	3 34	5 0	2 55	4 19	0 42	11 58	0 46	25 28	2 53	20 11	0 28	13 32	2 3	14 44	0 21	13 42	1 46	24 21	13 21	5 27	5 30	0 12	16 25	6 19
T 26	3 57	1 19	1 57	5 4	0 36	11 35	0 49	25 21	2 52	20 14	0 28	13 34	2 3	14 45	0 21	13 43	1 46	24 21	13 21	5 26	5 29	0 10	16 24	6 20
W27	4 21	2s25	0 54	5 49	0 29	11 12	0 52	25 15	2 50	20 16	0 28	13 36	2 3	14 46	0 21	13 44	1 46	24 21	13 21	5 26	5 28	0 8	16 23	6 20
T 28	4 44	6 4	0n12	6 33	0 23	10 49	0 55	25 8	2 48	20 18	0 28	13 38	2 3	14 47	0 21	13 44	1 46	24 21	13 20	5 26	5 26	0 6	16 23	6 21
F 29	5 7	9 30	1 17	7 16	0 16	10 25	0 58	25 1	2 46	20 20	0 28	13 40	2 3	14 48	0 21	13 45	1 46	24 21	13 20	5 26	5 25	0 4	16 22	6 22
S 30	5s31	12s34	2n20	8s 0	0n 9	10n 1	1n 0	24s54	2s44	20s23	0n27	13s42	2n 3	14s49	0n21	13s46	1n46	24s21	13s20	5s26	5s24	0n 2	16n21	6s22

Julian Day Number = 2198682.5, Delta T = 10m12s
Ecliptic obliquity = 23°31'37, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°05'04, Lahiri = 14°12'04 Julian Calendar 1 Sept. 1307 == Greg. Calendar 9 Sept. 1307

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ASTRODIENST EPHEMERIS for the year 1307
geocentric

OCTOBER 1307 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	1 7 11	14♎54'43	21♏53	22♎23	7♍54	19♑31	3♐ 8	12♏39	10♏58	11♏52	28°R50	13°R44	13♎35	26♍30	14♋59	S 1
M 2	1 11 8	15°54'24	4♐14	23°59	9° 6	20° 9	3°20	12°46	11° 2	11°54	28♒49	13♎44	13°31	26°37	15° 1	M 2
T 3	1 15 4	16°54'07	16°48	25°35	10°18	20°47	3°31	12°52	11° 5	11°56	28°49	13°43	13°28	26°43	15° 2	T 3
W 4	1 19 1	17°53'52	29°39	27°10	11°30	21°25	3°42	12°59	11° 9	11°58	28°48	13°43	13°25	26°50	15° 4	W 4
T 5	1 22 57	18°53'38	12♑49	28°44	12°43	22° 3	3°53	13° 5	11°12	12° 0	28°47	13°D43	13°22	26°57	15° 5	T 5
F 6	1 26 54	19°53'26	26°20	0♏18	13°55	22°42	4° 5	13°12	11°16	12° 2	28°47	13°43	13°19	27° 3	15° 6	F 6
S 7	1 30 51	20°53'16	10♒14	1°52	15° 7	23°21	4°16	13°19	11°19	12° 4	28°46	13°43	13°16	27°10	15° 8	S 7
S 8	1 34 47	21°53'07	24°30	3°24	16°20	23°59	4°28	13°26	11°23	12° 6	28°45	13°44	13°12	27°17	15° 9	S 8
M 9	1 38 44	22°53'00	9♓ 7	4°57	17°32	24°38	4°40	13°32	11°26	12° 9	28°44	13°44	13° 9	27°23	15°10	M 9
T 10	1 42 40	23°52'55	24° 0	6°28	18°45	25°18	4°52	13°39	11°30	12°11	28°44	13°45	13° 6	27°30	15°11	T 10
W11	1 46 37	24°52'52	9♈ 3	8° 0	19°58	25°57	5° 3	13°46	11°33	12°13	28°43	13°R46	13° 3	27°36	15°11	W11
T 12	1 50 33	25°52'50	24° 7	9°30	21°10	26°36	5°15	13°53	11°37	12°15	28°43	13°46	13° 0	27°43	15°12	T 12
F 13	1 54 30	26°52'50	9♉ 4	11° 1	22°23	27°16	5°27	14° 0	11°41	12°17	28°42	13°45	12°56	27°50	15°13	F 13
S 14	1 58 26	27°52'53	23°45	12°30	23°36	27°55	5°39	14° 7	11°44	12°19	28°42	13°43	12°53	27°56	15°13	S 14
S 15	2 2 23	28°52'57	8♊ 3	13°59	24°49	28°35	5°51	14°14	11°48	12°22	28°41	13°41	12°50	28° 3	15°14	S 15
M16	2 6 20	29°53'04	21°56	15°28	26° 3	29°15	6° 4	14°21	11°52	12°24	28°41	13°39	12°47	28°10	15°14	M16
T 17	2 10 16	0♏53'13	5♋22	16°56	27°16	29°55	6°16	14°28	11°55	12°26	28°40	13°37	12°44	28°16	15°14	T 17
W18	2 14 13	1°53'23	18°21	18°24	28°29	0♒35	6°28	14°35	11°59	12°28	28°40	13°36	12°41	28°23	15°15	W18
T 19	2 18 9	2°53'36	0♌58	19°51	29°42	1°15	6°41	14°42	12° 3	12°30	28°39	13°D35	12°37	28°30	15°R15	T 19
F 20	2 22 6	3°53'51	13°15	21°17	0♎56	1°56	6°53	14°49	12° 6	12°33	28°39	13°36	12°34	28°36	15°15	F 20
S 21	2 26 2	4°54'08	25°17	22°43	2° 9	2°36	7° 6	14°56	12°10	12°35	28°38	13°37	12°31	28°43	15°15	S 21
S 22	2 29 59	5°54'27	7♍10	24° 8	3°23	3°16	7°18	15° 3	12°14	12°37	28°38	13°38	12°28	28°50	15°14	S 22
M23	2 33 55	6°54'48	18°58	25°33	4°37	3°57	7°31	15°10	12°18	12°39	28°38	13°40	12°25	28°56	15°14	M23
T 24	2 37 52	7°55'11	0♎45	26°56	5°50	4°38	7°43	15°17	12°21	12°42	28°37	13°42	12°22	29° 3	15°14	T 24
W25	2 41 49	8°55'36	12°35	28°19	7° 4	5°19	7°56	15°24	12°25	12°44	28°37	13°R42	12°18	29°10	15°13	W25
T 26	2 45 45	9°56'02	24°30	29°41	8°18	5°59	8° 9	15°31	12°29	12°46	28°37	13°42	12°15	29°16	15°13	T 26
F 27	2 49 42	10°56'31	6♏35	1♐ 2	9°32	6°40	8°22	15°38	12°32	12°48	28°37	13°40	12°12	29°23	15°12	F 27
S 28	2 53 38	11°57'01	18°49	2°22	10°46	7°22	8°35	15°45	12°36	12°51	28°36	13°36	12° 9	29°29	15°11	S 28
S 29	2 57 35	12°57'32	1♐14	3°40	12° 0	8° 3	8°47	15°52	12°40	12°53	28°36	13°32	12° 6	29°36	15°10	S 29
M30	3 1 31	13°58'06	13°52	4°57	13°14	8°44	9° 0	15°59	12°44	12°55	28°36	13°27	12° 2	29°43	15° 9	M30
T 31	3 5 28	14♏58'40	26♐42	6♐12	14♎28	9♒25	9♐13	16♏ 6	12♏47	12♏57	28♒36	13♎21	11♎59	29♍49	15♋ 8	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	5s54	15s 8	3n17	8s42	0n 3	9n37	1n 3	24s47	2s42	20s25	0n27	13s45	2n 3	14s50	0n21	13s46	1n46	24s21	13s20	5s26	5s23	0n 0	16n20	6s23
M 2	6 17	17 3	4 6	9 24	0s 4	9 12	1 6	24 39	2 40	20 27	0 27	13 47	2 3	14 52	0 21	13 47	1 46	24 21	13 20	5 26	5 21	0s 1	16 19	6 24
T 3	6 40	18 10	4 44	10 6	0 11	8 47	1 8	24 32	2 39	20 29	0 27	13 49	2 2	14 53	0 21	13 48	1 46	24 22	13 19	5 26	5 20	0 3	16 18	6 24
W 4	7 3	18 23	5 8	10 47	0 18	8 22	1 11	24 24	2 37	20 32	0 27	13 51	2 2	14 54	0 21	13 48	1 46	24 22	13 19	5 26	5 19	0 5	16 18	6 25
T 5	7 26	17 38	5 18	11 27	0 25	7 56	1 13	24 16	2 35	20 34	0 27	13 53	2 2	14 55	0 21	13 49	1 46	24 22	13 19	5 26	5 18	0 7	16 17	6 26
F 6	7 48	15 53	5 10	12 7	0 31	7 30	1 15	24 7	2 33	20 36	0 27	13 55	2 2	14 56	0 21	13 50	1 46	24 22	13 19	5 26	5 16	0 9	16 16	6 26
S 7	8 11	13 10	4 45	12 45	0 38	7 4	1 17	23 59	2 31	20 39	0 26	13 57	2 2	14 57	0 21	13 50	1 46	24 22	13 19	5 26	5 15	0 11	16 15	6 27
S 8	8 33	9 37	4 1	13 24	0 45	6 38	1 20	23 50	2 29	20 41	0 26	13 59	2 2	14 58	0 21	13 51	1 46	24 22	13 18	5 26	5 14	0 13	16 14	6 28
M 9	8 56	5 23	3 1	14 1	0 51	6 12	1 22	23 42	2 28	20 43	0 26	14 1	2 2	14 59	0 21	13 52	1 46	24 22	13 18	5 26	5 13	0 15	16 14	6 28
T 10	9 18	0 45	1 48	14 38	0 58	5 45	1 24	23 33	2 26	20 45	0 26	14 4	2 2	15 0	0 21	13 52	1 46	24 22	13 18	5 27	5 11	0 16	16 13	6 29
W11	9 40	4n 0	0 26	15 14	1 4	5 18	1 25	23 24	2 24	20 48	0 26	14 6	2 2	15 2	0 21	13 53	1 45	24 22	13 18	5 27	5 10	0 18	16 12	6 30
T 12	10 2	8 30	0s57	15 50	1 11	4 51	1 27	23 14	2 22	20 50	0 26	14 8	2 2	15 3	0 21	13 54	1 45	24 22	13 17	5 27	5 9	0 20	16 11	6 30
F 13	10 24	12 25	2 16	16 24	1 17	4 23	1 29	23 5	2 21	20 52	0 26	14 10	2 1	15 4	0 21	13 54	1 45	24 22	13 17	5 27	5 8	0 22	16 11	6 31
S 14	10 46	15 29	3 24	16 58	1 23	3 56	1 31	22 55	2 19	20 54	0 26	14 12	2 1	15 5	0 21	13 55	1 45	24 22	13 17	5 26	5 6	0 24	16 10	6 32
S 15	11 7	17 29	4 18	17 31	1 29	3 28	1 32	22 45	2 17	20 57	0 25	14 14	2 1	15 6	0 21	13 56	1 45	24 22	13 17	5 25	5 5	0 26	16 9	6 32
M16	11 28	18 23	4 54	18 3	1 35	3 1	1 34	22 35	2 15	20 59	0 25	14 16	2 1	15 7	0 21	13 56	1 45	24 22	13 16	5 24	5 4	0 28	16 9	6 33
T 17	11 49	18 12	5 13	18 34	1 41	2 33	1 35	22 25	2 13	21 1	0 25	14 18	2 1	15 8	0 21	13 57	1 45	24 22	13 16	5 24	5 3	0 29	16 8	6 34
W18	12 10	17 3	5 15	19 4	1 46	2 5	1 36	22 14	2 12	21 3	0 25	14 21	2 1	15 10	0 21	13 58	1 45	24 22	13 16	5 23	5 2	0 31	16 7	6 34
T 19	12 31	15 6	5 2	19 33	1 52	1 36	1 37	22 4	2 10	21 6	0 25	14 23	2 1	15 11	0 21	13 58	1 45	24 22	13 16	5 23	5 0	0 33	16 7	6 35
F 20	12 52	12 30	4 35	20 1	1 57	1 8	1 39	21 53	2 8	21 8	0 25	14 25	2 1	15 12	0 21	13 59	1 45	24 21	13 15	5 23	4 59	0 35	16 6	6 36
S 21	13 12	9 25	3 57	20 29	2 2	0 40	1 40	21 42	2 6	21 10	0 25	14 27	2 1	15 13	0 21	14 0	1 45	24 21	13 15	5 23	4 58	0 37	16 5	6 36
S 22	13 32	6 0	3 8	20 55	2 6	0 11	1 41	21 31	2 5	21 12	0 24	14 29	2 1	15 14	0 21	14 1	1 45	24 21	13 15	5 24	4 57	0 39	16 5	6 37
M23	13 52	2 21	2 12	21 20	2 11	0s17	1 41	21 20	2 3	21 15	0 24	14 31	2 1	15 15	0 21	14 1	1 45	24 21	13 15	5 25	4 55	0 41	16 4	6 38
T 24	14 12	1s23	1 11	21 44	2 15	0 46	1 42	21 8	2 1	21 17	0 24	14 33	2 1	15 16	0 21	14 2	1 45	24 21	13 14	5 25	4 54	0 43	16 3	6 38
W25	14 32	5 5	0 6	22 7	2 19	1 14	1 43	20 57	2 0	21 19	0 24	14 35	2 1	15 18	0 21	14 3	1 45	24 21	13 14	5 26	4 53	0 44	16 3	6 39
T 26	14 51	8 37	0n59	22 28	2 22	1 43	1 43	20 45	1 58	21 21	0 24	14 37	2 1	15 19	0 21	14 3	1 45	24 21	13 14	5 25	4 52	0 46	16 2	6 40
F 27	15 10	11 50	2 3	22 49	2 25	2 12	1 44	20 33	1 56	21 23	0 24	14 39	2 1	15 20	0 21	14 4	1 45	24 20	13 14	5 25	4 50	0 48	16 2	6 40
S 28	15 29	14 35	3 1	23 8	2 28	2 40	1 44	20 21	1 55	21 25	0 24	14 42	2 0	15 21	0 21	14 5	1 45	24 20	13 13	5 23	4 49	0 50	16 1	6 41
S 29	15 47	16 42	3 52	23 25	2 30	3 9	1 45	20 8	1 53	21 28	0 24	14 44	2 0	15 22	0 21	14 5	1 45	24 20	13 13	5 22	4 48	0 52	16 1	6 42
M30	16 5	18 3	4 32	23 42	2 32	3 38	1 45	19 56	1 51	21 30	0 24	14 46	2 0	15 23	0 21	14 6	1 45	24 20	13 13	5 19	4 47	0 54	16 0	6 42
T 31	16s23	18s30	4n59	23s57	2s34	4s 6	1n45	19s43	1s50	21s32	0n23	14s48	2n 0	15s24	0n21	14s 7	1n45	24s20	13s12	5s17	4s45	0s56	15n59	6s43

Julian Day Number = 2198712.5, Delta T = 10m12s
Ecliptic obliquity = 23°31'36, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°05'08, Lahiri = 14°12'08 Julian Calendar 1 Oct. 1307 == Greg. Calendar 9 Oct. 1307

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ASTRODIENST EPHEMERIS for the year 1307
geocentric

NOVEMBER 1307 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	3 9 24	15♏59'16	9♉45	7♐26	15♎42	10♒ 7	9♐27	16♏14	12♏51	13♏ 0	28°R36	13°R16	11♎56	29♍56	15°R 7	W 1
T 2	3 13 21	16°59'54	23° 3	8°37	16°56	10°48	9°40	16°21	12°55	13° 2	28♒36	13♎12	11°53	0♎ 3	15♋ 6	T 2
F 3	3 17 18	18° 0'32	6♒34	9°46	18°10	11°30	9°53	16°28	12°59	13° 4	28°36	13°10	11°50	0° 9	15° 4	F 3
S 4	3 21 14	19° 1'12	20°21	10°53	19°24	12°11	10° 6	16°35	13° 2	13° 6	28°36	13°D10	11°47	0°16	15° 3	S 4
S 5	3 25 11	20° 1'53	4♓23	11°56	20°39	12°53	10°19	16°42	13° 6	13° 9	28°D36	13°10	11°43	0°23	15° 2	S 5
M 6	3 29 7	21° 2'35	18°39	12°56	21°53	13°35	10°32	16°49	13°10	13°11	28°36	13°12	11°40	0°29	15° 0	M 6
T 7	3 33 4	22° 3'18	3♈ 8	13°52	23° 7	14°16	10°46	16°56	13°13	13°13	28°36	13°13	11°37	0°36	14°58	T 7
W 8	3 37 0	23° 4'02	17°46	14°44	24°22	14°58	10°59	17° 3	13°17	13°15	28°36	13°R13	11°34	0°43	14°56	W 8
T 9	3 40 57	24° 4'47	2♉29	15°30	25°36	15°40	11°12	17°10	13°21	13°18	28°36	13°12	11°31	0°49	14°55	T 9
F 10	3 44 53	25° 5'33	17° 9	16°11	26°51	16°22	11°26	17°17	13°24	13°20	28°36	13° 8	11°27	0°56	14°53	F 10
S 11	3 48 50	26° 6'21	1♊40	16°45	28° 5	17° 4	11°39	17°24	13°28	13°22	28°36	13° 3	11°24	1° 3	14°51	S 11
S 12	3 52 47	27° 7'10	15°55	17°13	29°20	17°46	11°53	17°31	13°32	13°24	28°36	12°56	11°21	1° 9	14°48	S 12
M13	3 56 43	28° 8'01	29°48	17°32	0♏34	18°28	12° 6	17°39	13°35	13°26	28°36	12°48	11°18	1°16	14°46	M13
T 14	4 0 40	29° 8'52	13♋18	17°42	1°49	19°10	12°19	17°46	13°39	13°29	28°37	12°40	11°15	1°23	14°44	T 14
W15	4 4 36	0♐ 9'45	26°22	17°R43	3° 4	19°52	12°33	17°53	13°43	13°31	28°37	12°34	11°12	1°29	14°42	W15
T 16	4 8 33	1°10'40	9♌ 2	17°33	4°18	20°35	12°47	18° 0	13°46	13°33	28°37	12°29	11° 8	1°36	14°39	T 16
F 17	4 12 29	2°11'35	21°22	17°12	5°33	21°17	13° 0	18° 7	13°50	13°35	28°37	12°27	11° 5	1°42	14°37	F 17
S 18	4 16 26	3°12'32	3♍26	16°40	6°48	21°59	13°14	18°13	13°54	13°37	28°38	12°D26	11° 2	1°49	14°34	S 18
S 19	4 20 22	4°13'30	15°19	15°57	8° 3	22°41	13°27	18°20	13°57	13°40	28°38	12°26	10°59	1°56	14°31	S 19
M20	4 24 19	5°14'30	27° 7	15° 3	9°18	23°24	13°41	18°27	14° 1	13°42	28°38	12°28	10°56	2° 2	14°29	M20
T 21	4 28 16	6°15'30	8♎54	13°59	10°32	24° 6	13°55	18°34	14° 4	13°44	28°39	12°R29	10°53	2° 9	14°26	T 21
W22	4 32 12	7°16'32	20°46	12°47	11°47	24°49	14° 8	18°41	14° 8	13°46	28°39	12°28	10°49	2°16	14°23	W22
T 23	4 36 9	8°17'35	2♏48	11°29	13° 2	25°31	14°22	18°48	14°11	13°48	28°40	12°26	10°46	2°22	14°20	T 23
F 24	4 40 5	9°18'39	15° 1	10° 7	14°17	26°13	14°36	18°55	14°15	13°50	28°40	12°21	10°43	2°29	14°17	F 24
S 25	4 44 2	10°19'44	27°30	8°44	15°32	26°56	14°49	19° 2	14°18	13°52	28°41	12°14	10°40	2°36	14°14	S 25
S 26	4 47 58	11°20'49	10♐14	7°23	16°47	27°39	15° 3	19° 8	14°22	13°54	28°41	12° 4	10°37	2°42	14°11	S 26
M27	4 51 55	12°21'56	23°13	6° 6	18° 2	28°21	15°17	19°15	14°25	13°56	28°42	11°53	10°33	2°49	14° 7	M27
T 28	4 55 51	13°23'03	6♉27	4°57	19°17	29° 4	15°30	19°22	14°28	13°58	28°42	11°42	10°30	2°56	14° 4	T 28
W29	4 59 48	14°24'11	19°53	3°55	20°32	29°46	15°44	19°29	14°32	14° 0	28°43	11°31	10°27	3° 2	14° 1	W29
T 30	5 3 45	15♐25'19	3♒30	3♐ 4	21♏47	0♓29	15♐58	19♏35	14♏35	14♏ 2	28♒44	11♎22	10♎24	3♎ 9	13♋57	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	16s41	17s59	5n12	24s10	2s35	4s35	1n45	19s30	1s48	21s34	0n23	14s50	2n 0	15s26	0n21	14s 7	1n45	24s19	13s12	5s15	4s44	0s57	15n59	6s43
T 2	16 58	16 29	5 8	24 22	2 35	5 3	1 45	19 17	1 46	21 36	0 23	14 52	2 0	15 27	0 21	14 8	1 45	24 19	13 12	5 14	4 43	0 59	15 58	6 44
F 3	17 16	14 4	4 47	24 33	2 35	5 32	1 45	19 4	1 45	21 38	0 23	14 54	2 0	15 28	0 21	14 9	1 45	24 19	13 12	5 13	4 42	1 1	15 58	6 45
S 4	17 32	10 49	4 9	24 42	2 34	6 0	1 45	18 51	1 43	21 40	0 23	14 56	2 0	15 29	0 21	14 9	1 45	24 19	13 11	5 13	4 40	1 3	15 58	6 45
S 5	17 49	6 54	3 16	24 49	2 32	6 28	1 45	18 38	1 41	21 42	0 23	14 58	2 0	15 30	0 21	14 10	1 45	24 18	13 11	5 13	4 39	1 5	15 57	6 46
M 6	18 5	2 31	2 10	24 54	2 29	6 56	1 45	18 24	1 40	21 44	0 23	15 0	2 0	15 31	0 21	14 11	1 45	24 18	13 11	5 14	4 38	1 7	15 57	6 47
T 7	18 21	2n 5	0 55	24 58	2 26	7 24	1 44	18 10	1 38	21 46	0 23	15 2	2 0	15 32	0 21	14 11	1 45	24 18	13 10	5 14	4 37	1 9	15 56	6 47
W 8	18 36	6 37	0s25	25 0	2 22	7 52	1 44	17 56	1 37	21 48	0 22	15 4	2 0	15 33	0 21	14 12	1 45	24 18	13 10	5 14	4 35	1 10	15 56	6 48
T 9	18 52	10 46	1 43	25 0	2 16	8 20	1 43	17 42	1 35	21 50	0 22	15 6	2 0	15 35	0 21	14 13	1 45	24 17	13 10	5 14	4 34	1 12	15 55	6 48
F 10	19 7	14 14	2 54	24 58	2 10	8 47	1 43	17 28	1 33	21 52	0 22	15 8	2 0	15 36	0 21	14 13	1 45	24 17	13 10	5 12	4 33	1 14	15 55	6 49
S 11	19 21	16 46	3 52	24 54	2 2	9 15	1 42	17 14	1 32	21 54	0 22	15 10	2 0	15 37	0 20	14 14	1 45	24 17	13 9	5 10	4 32	1 16	15 55	6 49
S 12	19 35	18 13	4 35	24 47	1 53	9 42	1 41	17 0	1 30	21 56	0 22	15 12	2 0	15 38	0 20	14 15	1 45	24 16	13 9	5 7	4 30	1 18	15 54	6 50
M13	19 49	18 31	5 1	24 39	1 43	10 9	1 41	16 45	1 29	21 58	0 22	15 14	2 0	15 39	0 20	14 15	1 45	24 16	13 9	5 4	4 29	1 20	15 54	6 51
T 14	20 2	17 44	5 9	24 28	1 32	10 35	1 40	16 30	1 27	22 0	0 22	15 16	2 0	15 40	0 20	14 16	1 45	24 16	13 8	5 1	4 28	1 22	15 54	6 51
W15	20 16	16 3	5 0	24 15	1 18	11 2	1 39	16 16	1 26	22 1	0 22	15 18	2 0	15 41	0 20	14 17	1 45	24 15	13 8	4 59	4 27	1 23	15 53	6 52
T 16	20 28	13 37	4 36	24 0	1 4	11 28	1 38	16 1	1 24	22 3	0 22	15 20	2 0	15 42	0 20	14 17	1 45	24 15	13 8	4 57	4 25	1 25	15 53	6 52
F 17	20 41	10 38	4 1	23 42	0 48	11 54	1 37	15 46	1 23	22 5	0 22	15 22	2 0	15 43	0 20	14 18	1 45	24 15	13 8	4 56	4 24	1 27	15 53	6 53
S 18	20 52	7 15	3 15	23 22	0 30	12 20	1 35	15 31	1 21	22 7	0 21	15 24	2 0	15 44	0 20	14 18	1 45	24 14	13 7	4 56	4 23	1 29	15 53	6 53
S 19	21 4	3 38	2 21	22 59	0 12	12 45	1 34	15 15	1 20	22 9	0 21	15 26	2 0	15 46	0 20	14 19	1 45	24 14	13 7	4 56	4 22	1 31	15 52	6 54
M20	21 15	0s 6	1 22	22 33	0n 8	13 11	1 33	15 0	1 18	22 10	0 21	15 27	2 0	15 47	0 20	14 20	1 46	24 13	13 7	4 56	4 20	1 33	15 52	6 54
T 21	21 26	3 50	0 19	22 6	0 28	13 35	1 31	14 44	1 17	22 12	0 21	15 29	2 0	15 48	0 20	14 20	1 46	24 13	13 6	4 57	4 19	1 35	15 52	6 55
W22	21 36	7 27	0n45	21 37	0 48	14 0	1 30	14 29	1 15	22 14	0 21	15 31	2 0	15 49	0 20	14 21	1 46	24 13	13 6	4 57	4 18	1 36	15 52	6 55
T 23	21 46	10 49	1 47	21 7	1 9	14 24	1 29	14 13	1 14	22 16	0 21	15 33	2 0	15 50	0 20	14 22	1 46	24 12	13 6	4 56	4 17	1 38	15 52	6 56
F 24	21 56	13 46	2 45	20 36	1 28	14 48	1 27	13 57	1 12	22 17	0 21	15 35	2 0	15 51	0 20	14 22	1 46	24 12	13 6	4 54	4 15	1 40	15 51	6 56
S 25	22 5	16 9	3 37	20 6	1 46	15 11	1 25	13 41	1 11	22 19	0 21	15 37	2 0	15 52	0 20	14 23	1 46	24 11	13 5	4 51	4 14	1 42	15 51	6 57
S 26	22 13	17 48	4 19	19 36	2 3	15 34	1 24	13 25	1 9	22 21	0 21	15 38	2 0	15 53	0 20	14 23	1 46	24 11	13 5	4 47	4 13	1 44	15 51	6 57
M27	22 22	18 33	4 48	19 9	2 17	15 57	1 22	13 9	1 8	22 22	0 21	15 40	2 0	15 54	0 20	14 24	1 46	24 10	13 5	4 43	4 12	1 46	15 51	6 58
T 28	22 29	18 20	5 2	18 45	2 29	16 19	1 20	12 53	1 6	22 24	0 20	15 42	2 0	15 55	0 20	14 24	1 46	24 10	13 5	4 38	4 10	1 47	15 51	6 58
W29	22 37	17 5	5 1	18 24	2 39	16 41	1 19	12 36	1 5	22 25	0 20	15 44	2 0	15 56	0 20	14 25	1 46	24 10	13 4	4 34	4 9	1 49	15 51	6 59
T 30	22s44	14s52	4n42	18s 7	2n47	17s 3	1n17	12s20	1s 4	22s27	0n20	15s46	2n 1	15s57	0n20	14s26	1n46	24s 9	13s 4	4s31	4s 8	1s51	15n51	6s59

Julian Day Number = 2198743.5, Delta T = 10m12s
Ecliptic obliquity = 23°31'36, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°05'12, Lahiri = 14°12'12 Julian Calendar 1 Nov. 1307 == Greg. Calendar 9 Nov. 1307

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ASTRODIENST EPHEMERIS for the year 1307
geocentric

DECEMBER 1307 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	5 7 41	16♐26'27	17♒16	2°R23	23♏ 2	1♓12	16♐12	19♏42	14♏38	14♏ 4	28♒44	11°R16	10♎21	3♎15	13°R54	F 1
S 2	5 11 38	17°27'36	1♓ 8	1♐54	24°17	1°54	16°25	19°48	14°42	14° 6	28°45	11♎13	10°18	3°22	13♋50	S 2
S 3	5 15 34	18°28'45	15° 7	1°35	25°32	2°37	16°39	19°55	14°45	14° 8	28°46	11°D12	10°14	3°29	13°47	S 3
M 4	5 19 31	19°29'54	29°11	1°D27	26°47	3°20	16°53	20° 1	14°48	14°10	28°46	11°12	10°11	3°35	13°43	M 4
T 5	5 23 27	20°31'03	13♈21	1°29	28° 2	4° 2	17° 6	20° 8	14°51	14°12	28°47	11°R12	10° 8	3°42	13°39	T 5
W 6	5 27 24	21°32'12	27°34	1°40	29°17	4°45	17°20	20°14	14°55	14°14	28°48	11°11	10° 5	3°49	13°35	W 6
T 7	5 31 20	22°33'21	11♉49	1°59	0♐32	5°28	17°34	20°21	14°58	14°16	28°49	11° 8	10° 2	3°55	13°32	T 7
F 8	5 35 17	23°34'31	26° 2	2°26	1°48	6°11	17°48	20°27	15° 1	14°18	28°49	11° 1	9°59	4° 2	13°28	F 8
S 9	5 39 14	24°35'41	10♊ 9	3° 0	3° 3	6°53	18° 1	20°33	15° 4	14°20	28°50	10°52	9°55	4° 9	13°24	S 9
S 10	5 43 10	25°36'50	24° 5	3°40	4°18	7°36	18°15	20°40	15° 7	14°21	28°51	10°41	9°52	4°15	13°20	S 10
M11	5 47 7	26°38'00	7♋45	4°26	5°33	8°19	18°29	20°46	15°10	14°23	28°52	10°28	9°49	4°22	13°16	M11
T 12	5 51 3	27°39'11	21° 7	5°16	6°48	9° 2	18°42	20°52	15°13	14°25	28°53	10°16	9°46	4°29	13°12	T 12
W13	5 55 0	28°40'21	4♌ 8	6°11	8° 3	9°44	18°56	20°58	15°16	14°27	28°54	10° 4	9°43	4°35	13° 8	W13
T 14	5 58 56	29°41'32	16°47	7° 9	9°18	10°27	19°10	21° 4	15°19	14°28	28°55	9°55	9°39	4°42	13° 4	T 14
F 15	6 2 53	0♍42'43	29° 8	8°11	10°34	11°10	19°23	21°10	15°22	14°30	28°56	9°49	9°36	4°49	13° 0	F 15
S 16	6 6 49	1°43'54	11♍13	9°16	11°49	11°53	19°37	21°16	15°25	14°32	28°57	9°45	9°33	4°55	12°56	S 16
S 17	6 10 46	2°45'05	23° 7	10°24	13° 4	12°35	19°50	21°22	15°28	14°33	28°58	9°43	9°30	5° 2	12°52	S 17
M18	6 14 43	3°46'17	4♎55	11°34	14°19	13°18	20° 4	21°28	15°31	14°35	28°59	9°43	9°27	5° 8	12°47	M18
T 19	6 18 39	4°47'28	16°43	12°47	15°34	14° 1	20°17	21°34	15°33	14°37	29° 0	9°43	9°24	5°15	12°43	T 19
W20	6 22 36	5°48'40	28°36	14° 1	16°50	14°44	20°31	21°40	15°36	14°38	29° 1	9°42	9°20	5°22	12°39	W20
T 21	6 26 32	6°49'52	10♏40	15°17	18° 5	15°26	20°44	21°45	15°39	14°40	29° 2	9°39	9°17	5°28	12°35	T 21
F 22	6 30 29	7°51'04	22°59	16°34	19°20	16° 9	20°58	21°51	15°41	14°41	29° 3	9°33	9°14	5°35	12°31	F 22
S 23	6 34 25	8°52'16	5♐37	17°53	20°35	16°52	21°11	21°57	15°44	14°43	29° 4	9°24	9°11	5°42	12°26	S 23
S 24	6 38 22	9°53'28	18°35	19°13	21°50	17°35	21°25	22° 2	15°47	14°44	29° 5	9°13	9° 8	5°48	12°22	S 24
M25	6 42 18	10°54'39	1♑54	20°34	23° 6	18°17	21°38	22° 8	15°49	14°46	29° 6	9° 0	9° 5	5°55	12°18	M25
T 26	6 46 15	11°55'51	15°32	21°56	24°21	19° 0	21°52	22°13	15°52	14°47	29° 8	8°47	9° 1	6° 2	12°13	T 26
W27	6 50 12	12°57'02	29°25	23°19	25°36	19°43	22° 5	22°19	15°54	14°49	29° 9	8°34	8°58	6° 8	12° 9	W27
T 28	6 54 8	13°58'12	13♒29	24°44	26°51	20°26	22°18	22°24	15°56	14°50	29°10	8°23	8°55	6°15	12° 5	T 28
F 29	6 58 5	14°59'21	27°39	26° 9	28° 7	21° 8	22°31	22°29	15°59	14°51	29°11	8°16	8°52	6°22	12° 1	F 29
S 30	7 2 1	16° 0'30	11♓52	27°34	29°22	21°51	22°45	22°34	16° 1	14°53	29°13	8°11	8°49	6°28	11°56	S 30
S 31	7 5 58	17♑ 1'38	26♓ 3	29♐ 1	0♑37	22♓34	22♐58	22♏39	16♏ 3	14♏54	29♒14	8♎ 9	8♎45	6♎35	11♋52	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22s50	11s48	4n 6	17s54	2n52	17s24	1n15	12s 4	1s 2	22s28	0n20	15s47	2n 1	15s58	0n20	14s26	1n46	24s 9	13s 4	4s28	4s 7	1s53	15n51	6s59
S 2	22 56	8 3	3 16	17 45	2 55	17 44	1 13	11 47	1 1	22 30	0 20	15 49	2 1	15 59	0 20	14 27	1 46	24 8	13 3	4 27	4 5	1 55	15 51	7 0
S 3	23 1	3 49	2 14	17 40	2 57	18 4	1 11	11 30	1 0	22 31	0 20	15 51	2 1	16 0	0 20	14 27	1 46	24 8	13 3	4 27	4 4	1 57	15 51	7 0
M 4	23 7	0n39	1 4	17 39	2 56	18 24	1 9	11 14	0 58	22 33	0 20	15 52	2 1	16 1	0 20	14 28	1 46	24 7	13 3	4 27	4 3	1 59	15 51	7 1
T 5	23 11	5 7	0s11	17 41	2 54	18 43	1 7	10 57	0 57	22 34	0 20	15 54	2 1	16 2	0 20	14 28	1 46	24 7	13 3	4 27	4 2	2 0	15 51	7 1
W 6	23 15	9 19	1 26	17 46	2 51	19 1	1 5	10 40	0 55	22 36	0 20	15 56	2 1	16 3	0 20	14 29	1 46	24 6	13 2	4 26	4 0	2 2	15 51	7 1
T 7	23 19	12 59	2 35	17 54	2 47	19 19	1 2	10 23	0 54	22 37	0 20	15 57	2 1	16 3	0 20	14 29	1 46	24 6	13 2	4 25	3 59	2 4	15 51	7 2
F 8	23 22	15 52	3 34	18 4	2 42	19 37	1 0	10 6	0 53	22 38	0 20	15 59	2 1	16 4	0 20	14 30	1 46	24 5	13 2	4 23	3 58	2 6	15 51	7 2
S 9	23 25	17 46	4 20	18 17	2 36	19 54	0 58	9 49	0 51	22 40	0 19	16 1	2 1	16 5	0 20	14 30	1 46	24 4	13 2	4 19	3 57	2 8	15 51	7 2
S 10	23 27	18 35	4 49	18 31	2 30	20 10	0 56	9 31	0 50	22 41	0 19	16 2	2 1	16 6	0 20	14 31	1 46	24 4	13 1	4 15	3 55	2 10	15 51	7 2
M11	23 29	18 18	5 1	18 46	2 23	20 26	0 53	9 14	0 49	22 42	0 19	16 4	2 1	16 7	0 20	14 31	1 46	24 3	13 1	4 10	3 54	2 11	15 51	7 3
T 12	23 30	16 59	4 56	19 2	2 15	20 41	0 51	8 57	0 48	22 43	0 19	16 5	2 1	16 8	0 20	14 32	1 46	24 3	13 1	4 5	3 53	2 13	15 51	7 3
W13	23 31	14 50	4 36	19 19	2 7	20 56	0 49	8 40	0 46	22 45	0 19	16 7	2 1	16 9	0 20	14 32	1 46	24 2	13 1	4 0	3 52	2 15	15 51	7 3
T 14	23 32	12 1	4 2	19 37	1 59	21 10	0 46	8 22	0 45	22 46	0 19	16 8	2 1	16 10	0 21	14 33	1 46	24 2	13 0	3 57	3 50	2 17	15 51	7 4
F 15	23 31	8 44	3 18	19 55	1 51	21 23	0 44	8 5	0 44	22 47	0 19	16 10	2 2	16 11	0 21	14 33	1 46	24 1	13 0	3 54	3 49	2 19	15 52	7 4
S 16	23 31	5 9	2 25	20 14	1 43	21 36	0 42	7 47	0 43	22 48	0 19	16 11	2 2	16 11	0 21	14 34	1 46	24 1	13 0	3 52	3 48	2 21	15 52	7 4
S 17	23 30	1 25	1 27	20 32	1 34	21 48	0 39	7 30	0 41	22 49	0 19	16 13	2 2	16 12	0 21	14 34	1 46	24 0	13 0	3 52	3 47	2 22	15 52	7 4
M18	23 28	2s21	0 25	20 50	1 26	22 0	0 37	7 12	0 40	22 50	0 19	16 14	2 2	16 13	0 21	14 35	1 46	23 59	12 59	3 52	3 45	2 24	15 52	7 4
T 19	23 26	6 1	0n37	21 8	1 17	22 11	0 34	6 54	0 39	22 52	0 19	16 16	2 2	16 14	0 21	14 35	1 46	23 59	12 59	3 52	3 44	2 26	15 52	7 5
W20	23 24	9 29	1 38	21 26	1 9	22 21	0 32	6 37	0 38	22 53	0 19	16 17	2 2	16 15	0 21	14 36	1 47	23 58	12 59	3 51	3 43	2 28	15 52	7 5
T 21	23 21	12 36	2 36	21 43	1 0	22 30	0 29	6 19	0 36	22 54	0 18	16 18	2 2	16 15	0 21	14 36	1 47	23 58	12 59	3 50	3 42	2 30	15 53	7 5
F 22	23 18	15 14	3 28	21 59	0 52	22 39	0 27	6 1	0 35	22 55	0 18	16 20	2 2	16 16	0 21	14 36	1 47	23 57	12 59	3 48	3 40	2 32	15 53	7 5
S 23	23 14	17 13	4 10	22 15	0 43	22 47	0 24	5 44	0 34	22 56	0 18	16 21	2 2	16 17	0 21	14 37	1 47	23 56	12 58	3 44	3 39	2 33	15 53	7 5
S 24	23 9	18 22	4 41	22 30	0 35	22 55	0 22	5 26	0 33	22 57	0 18	16 22	2 2	16 18	0 21	14 37	1 47	23 56	12 58	3 40	3 38	2 35	15 53	7 5
M25	23 5	18 33	4 58	22 45	0 27	23 2	0 19	5 8	0 32	22 58	0 18	16 24	2 2	16 18	0 21	14 38	1 47	23 55	12 58	3 35	3 37	2 37	15 54	7 5
T 26	22 59	17 41	4 58	22 58	0 19	23 8	0 16	4 50	0 30	22 58	0 18	16 25	2 3	16 19	0 21	14 38	1 47	23 55	12 58	3 30	3 35	2 39	15 54	7 5
W27	22 54	15 46	4 41	23 11	0 11	23 13	0 14	4 32	0 29	22 59	0 18	16 26	2 3	16 20	0 21	14 38	1 47	23 54	12 58	3 25	3 34	2 41	15 54	7 5
T 28	22 47	12 54	4 7	23 22	0 3	23 18	0 11	4 14	0 28	23 0	0 18	16 27	2 3	16 20	0 21	14 39	1 47	23 53	12 57	3 20	3 33	2 43	15 55	7 5
F 29	22 41	9 15	3 17	23 33	0s 5	23 22	0 9	3 56	0 27	23 1	0 18	16 29	2 3	16 21	0 21	14 39	1 47	23 53	12 57	3 17	3 32	2 44	15 55	7 6
S 30	22 34	5 4	2 14	23 43	0 12	23 25	0 6	3 38	0 26	23 2	0 18	16 30	2 3	16 22	0 21	14 39	1 47	23 52	12 57	3 15	3 30	2 46	15 55	7 6
S 31	22s26	0s36	1n 4	23s51	0s20	23s28	0n 4	3s20	0s25	23s 3	0n18	16s31	2n 3	16s22	0n21	14s40	1n47	23s51	12s57	3s15	3s29	2s48	15n56	7s 6

Julian Day Number = 2198773.5, Delta T = 10m12s
Ecliptic obliquity = 23°31'35, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°05'16, Lahiri = 14°12'17 Julian Calendar 1 Dec. 1307 == Greg. Calendar 9 Dec. 1307

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ASTRODIENST EPHEMERIS for the year 1308
geocentric

JANUARY 1308 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	7 9 54	18♉ 2'45	10♈11	0♉28	1♉52	23♓16	23♐11	22♏44	16♏ 6	14♏55	29♒15	8°R 9	8♎42	6♎42	11°R48	M 1
T 2	7 13 51	19° 3'51	24°14	1°56	3° 8	23°59	23°24	22°49	16° 8	14°57	29°16	8♎ 9	8°39	6°48	11♋44	T 2
W 3	7 17 48	20° 4'56	8♊13	3°25	4°23	24°42	23°37	22°54	16°10	14°58	29°18	8° 8	8°36	6°55	11°39	W 3
T 4	7 21 44	21° 6'00	22° 7	4°54	5°38	25°24	23°50	22°59	16°12	14°59	29°19	8° 4	8°33	7° 1	11°35	T 4
F 5	7 25 41	22° 7'03	5♋54	6°24	6°53	26° 7	24° 3	23° 4	16°14	15° 0	29°20	7°58	8°30	7° 8	11°31	F 5
S 6	7 29 37	23° 8'05	19°34	7°55	8° 8	26°50	24°16	23° 8	16°16	15° 1	29°22	7°49	8°26	7°15	11°27	S 6
S 7	7 33 34	24° 9'06	3♌ 3	9°26	9°24	27°32	24°29	23°13	16°18	15° 2	29°23	7°38	8°23	7°21	11°23	S 7
M 8	7 37 30	25°10'07	16°21	10°58	10°39	28°15	24°42	23°18	16°20	15° 3	29°25	7°25	8°20	7°28	11°19	M 8
T 9	7 41 27	26°11'06	29°24	12°31	11°54	28°57	24°54	23°22	16°22	15° 4	29°26	7°13	8°17	7°35	11°14	T 9
W10	7 45 23	27°12'04	12♎11	14° 4	13° 9	29°40	25° 7	23°26	16°24	15° 5	29°27	7° 1	8°14	7°41	11°10	W10
T 11	7 49 20	28°13'01	24°42	15°38	14°24	0♈22	25°20	23°31	16°25	15° 6	29°29	6°52	8°11	7°48	11° 6	T 11
F 12	7 53 17	29°13'58	6♏58	17°13	15°39	1° 5	25°32	23°35	16°27	15° 7	29°30	6°45	8° 7	7°55	11° 2	F 12
S 13	7 57 13	0♒14'53	19° 1	18°48	16°55	1°47	25°45	23°39	16°29	15° 8	29°32	6°41	8° 4	8° 1	10°58	S 13
S 14	8 1 10	1°15'48	0♎54	20°24	18°10	2°30	25°57	23°43	16°30	15° 9	29°33	6°39	8° 1	8° 8	10°54	S 14
M15	8 5 6	2°16'42	12°42	22° 0	19°25	3°12	26°10	23°47	16°32	15°10	29°35	6°D39	7°58	8°15	10°51	M15
T 16	8 9 3	3°17'35	24°30	23°38	20°40	3°55	26°22	23°51	16°33	15°11	29°36	6°40	7°55	8°21	10°47	T 16
W17	8 12 59	4°18'27	6♏23	25°16	21°55	4°37	26°34	23°55	16°35	15°11	29°38	6°R40	7°51	8°28	10°43	W17
T 18	8 16 56	5°19'18	18°26	26°54	23°10	5°19	26°47	23°59	16°36	15°12	29°39	6°39	7°48	8°34	10°39	T 18
F 19	8 20 52	6°20'08	0♐45	28°34	24°26	6° 2	26°59	24° 2	16°38	15°13	29°41	6°36	7°45	8°41	10°35	F 19
S 20	8 24 49	7°20'57	13°25	0♒14	25°41	6°44	27°11	24° 6	16°39	15°13	29°42	6°30	7°42	8°48	10°32	S 20
S 21	8 28 46	8°21'46	26°28	1°55	26°56	7°26	27°23	24° 9	16°40	15°14	29°44	6°23	7°39	8°54	10°28	S 21
M22	8 32 42	9°22'33	9♉56	3°37	28°11	8° 9	27°35	24°13	16°41	15°15	29°45	6°14	7°36	9° 1	10°25	M22
T 23	8 36 39	10°23'19	23°49	5°20	29°26	8°51	27°47	24°16	16°43	15°15	29°47	6° 4	7°32	9° 8	10°21	T 23
W24	8 40 35	11°24'03	8♒ 2	7° 3	0♒41	9°33	27°58	24°19	16°44	15°16	29°48	5°54	7°29	9°14	10°18	W24
T 25	8 44 32	12°24'46	22°31	8°47	1°56	10°15	28°10	24°22	16°45	15°16	29°50	5°47	7°26	9°21	10°14	T 25
F 26	8 48 28	13°25'28	7♓ 9	10°33	3°11	10°57	28°22	24°25	16°46	15°17	29°52	5°41	7°23	9°28	10°11	F 26
S 27	8 52 25	14°26'08	21°48	12°19	4°27	11°40	28°33	24°28	16°47	15°17	29°53	5°38	7°20	9°34	10° 8	S 27
S 28	8 56 21	15°26'46	6♈23	14° 5	5°42	12°22	28°45	24°31	16°48	15°18	29°55	5°D37	7°17	9°41	10° 5	S 28
M29	9 0 18	16°27'23	20°48	15°53	6°57	13° 4	28°56	24°34	16°48	15°18	29°56	5°38	7°13	9°48	10° 1	M29
T 30	9 4 15	17°27'58	5♉ 2	17°41	8°12	13°46	29° 8	24°36	16°49	15°18	29°58	5°39	7°10	9°54	9°58	T 30
W31	9 8 11	18♒28'31	19♉ 2	19♒31	9♒27	14♈28	29♐19	24♏39	16♏50	15♏19	29♒59	5°R39	7♎ 7	10♎ 1	9♌55	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
M 1	22s18	3n53	0s11	23s59	0s27	23s30	0n 1	3s 3	0s24	23s 3	0n18	16s32	2n 3	16s23	0n21	14s40	1n47	23s51	12s57	3s15	3s28	2s50	15n56	7s 6	M 1
T 2	22 10	8 8	1 24	24 5	0 34	23 31	0s 1	2 45	0 23	23 4	0 18	16 33	2 3	16 24	0 21	14 40	1 47	23 50	12 57	3 15	3 27	2 52	15 56	7 6	T 2
W 3	22 1	11 54	2 32	24 10	0 41	23 31	0 4	2 27	0 21	23 5	0 17	16 34	2 4	16 24	0 21	14 41	1 47	23 50	12 56	3 14	3 25	2 54	15 57	7 6	W 3
T 4	21 52	14 58	3 31	24 14	0 47	23 31	0 6	2 9	0 20	23 6	0 17	16 35	2 4	16 25	0 21	14 41	1 47	23 49	12 56	3 13	3 24	2 55	15 57	7 5	T 4
F 5	21 42	17 10	4 16	24 16	0 54	23 30	0 9	1 51	0 19	23 6	0 17	16 37	2 4	16 26	0 21	14 41	1 47	23 48	12 56	3 10	3 23	2 57	15 58	7 5	F 5
S 6	21 32	18 21	4 47	24 17	1 0	23 28	0 11	1 33	0 18	23 7	0 17	16 38	2 4	16 26	0 21	14 41	1 47	23 48	12 56	3 7	3 22	2 59	15 58	7 5	S 6
S 7	21 22	18 29	5 1	24 17	1 6	23 25	0 14	1 15	0 17	23 7	0 17	16 39	2 4	16 27	0 21	14 42	1 47	23 47	12 56	3 2	3 20	3 1	15 58	7 5	S 7
M 8	21 11	17 36	4 58	24 16	1 12	23 22	0 16	0 57	0 16	23 8	0 17	16 40	2 4	16 27	0 21	14 42	1 47	23 46	12 56	2 57	3 19	3 3	15 59	7 5	M 8
T 9	20 59	15 47	4 40	24 13	1 17	23 18	0 19	0 39	0 15	23 9	0 17	16 41	2 4	16 28	0 21	14 42	1 48	23 46	12 55	2 52	3 18	3 5	15 59	7 5	T 9
W10	20 48	13 15	4 7	24 9	1 22	23 13	0 21	0 21	0 14	23 9	0 17	16 42	2 4	16 28	0 21	14 42	1 48	23 45	12 55	2 48	3 17	3 6	16 0	7 5	W10
T 11	20 36	10 8	3 24	24 3	1 27	23 8	0 23	0 3	0 13	23 10	0 17	16 42	2 5	16 29	0 21	14 43	1 48	23 44	12 55	2 44	3 15	3 8	16 0	7 5	T 11
F 12	20 23	6 39	2 31	23 56	1 32	23 2	0 26	0n15	0 12	23 10	0 17	16 43	2 5	16 29	0 21	14 43	1 48	23 44	12 55	2 41	3 14	3 10	16 1	7 5	F 12
S 13	20 10	2 56	1 33	23 48	1 37	22 55	0 28	0 33	0 11	23 11	0 17	16 44	2 5	16 30	0 21	14 43	1 48	23 43	12 55	2 40	3 13	3 12	16 1	7 4	S 13
S 14	19 57	0s50	0 31	23 38	1 41	22 47	0 30	0 51	0 10	23 11	0 17	16 45	2 5	16 30	0 21	14 43	1 48	23 42	12 55	2 39	3 11	3 14	16 2	7 4	S 14
M15	19 43	4 32	0n32	23 26	1 45	22 39	0 33	1 8	0 9	23 12	0 17	16 46	2 5	16 31	0 21	14 43	1 48	23 42	12 55	2 39	3 10	3 15	16 2	7 4	M15
T 16	19 29	8 4	1 34	23 14	1 48	22 30	0 35	1 26	0 8	23 12	0 17	16 47	2 5	16 31	0 21	14 44	1 48	23 41	12 55	2 39	3 9	3 17	16 3	7 4	T 16
W17	19 15	11 18	2 32	22 59	1 51	22 21	0 37	1 44	0 7	23 12	0 16	16 48	2 6	16 31	0 21	14 44	1 48	23 41	12 55	2 39	3 8	3 19	16 3	7 4	W17
T 18	19 0	14 6	3 24	22 43	1 54	22 10	0 39	2 2	0 6	23 13	0 16	16 48	2 6	16 32	0 21	14 44	1 48	23 40	12 54	2 39	3 6	3 21	16 4	7 3	T 18
F 19	18 45	16 20	4 8	22 26	1 57	21 59	0 41	2 19	0 5	23 13	0 16	16 49	2 6	16 32	0 21	14 44	1 48	23 39	12 54	2 38	3 5	3 23	16 4	7 3	F 19
S 20	18 30	17 50	4 41	22 7	1 59	21 48	0 44	2 37	0 4	23 14	0 16	16 50	2 6	16 33	0 21	14 44	1 48	23 39	12 54	2 36	3 4	3 25	16 5	7 3	S 20
S 21	18 14	18 28	5 1	21 46	2 1	21 36	0 46	2 55	0 3	23 14	0 16	16 50	2 6	16 33	0 21	14 44	1 48	23 38	12 54	2 33	3 3	3 26	16 5	7 3	S 21
M22	17 58	18 5	5 5	21 24	2 2	21 23	0 48	3 12	0 2	23 14	0 16	16 51	2 6	16 33	0 21	14 44	1 48	23 37	12 54	2 29	3 1	3 28	16 6	7 2	M22
T 23	17 42	16 38	4 51	21 0	2 3	21 9	0 50	3 30	0 2	23 14	0 16	16 52	2 6	16 34	0 21	14 45	1 48	23 37	12 54	2 25	3 0	3 30	16 6	7 2	T 23
W24	17 25	14 9	4 19	20 35	2 4	20 55	0 52	3 47	0 1	23 15	0 16	16 52	2 7	16 34	0 21	14 45	1 48	23 36	12 54	2 21	2 59	3 32	16 7	7 2	W24
T 25	17 8	10 44	3 30	20 8	2 4	20 40	0 53	4 5	0n 0	23 15	0 16	16 53	2 7	16 34	0 21	14 45	1 48	23 35	12 54	2 18	2 58	3 34	16 8	7 1	T 25
F 26	16 51	6 39	2 27	19 39	2 4	20 25	0 55	4 22	0 1	23 15	0 16	16 54	2 7	16 34	0 21	14 45	1 49	23 35	12 54	2 16	2 56	3 35	16 8	7 1	F 26
S 27	16 34	2 8	1 14	19 9	2 4	20 9	0 57	4 40	0 2	23 15	0 16	16 54	2 7	16 35	0 21	14 45	1 49	23 34	12 54	2 15	2 55	3 37	16 9	7 1	S 27
S 28	16 16	2n29	0s 4	18 37	2 2	19 52	0 59	4 57	0 3	23 16	0 16	16 55	2 7	16 35	0 21	14 45	1 49	23 34	12 54	2 14	2 54	3 39	16 9	7 0	S 28
M29	15 58	6 54	1 21	18 3	2 1	19 35	1 1	5 14	0 4	23 16	0 16	16 55	2 7	16 35	0 21	14 45	1 49	23 33	12 54	2 15	2 53	3 41	16 10	7 0	M29
T 30	15 39	10 51	2 32	17 28	1 59	19 17	1 2	5 31	0 5	23 16	0 16	16 56	2 8	16 35	0 21	14 45	1 49	23 32	12 54	2 15	2 51	3 43	16 10	7 0	T 30
W31	15s21	14n 8	3s33	16s52	1s56	18s59	1s 4	5n48	0n 6	23s16	0n15	16s56	2n 8	16s36	0n21	14s45	1n49	23s32	12s54	2s15	2s50	3s44	16n11	6s59	W31

Julian Day Number = 2198804.5, Delta T = 10m12s
Ecliptic obliquity = 23°31'35, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°05'20, Lahiri = 14°12'21 Julian Calendar 1 Jan. 1308 == Greg. Calendar 9 Jan. 1308

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ASTRODIENST EPHEMERIS for the year 1308
geocentric

FEBRUARY 1308 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 12 8	19♒29'02	2♊47	21♒21	10♒42	15♈10	29♐30	24♏41	16♏51	15♏19	0♓ 1	5°R39	7♎ 4	10♎ 8	9°R53	T 1
F 2	9 16 4	20°29'31	16°20	23°11	11°57	15°52	29°41	24°44	16°51	15°19	0° 3	5♎36	7° 1	10°14	9♋50	F 2
S 3	9 20 1	21°29'58	29°39	25° 3	13°12	16°34	29°52	24°46	16°52	15°19	0° 4	5°31	6°57	10°21	9°47	S 3
S 4	9 23 57	22°30'23	12♋45	26°55	14°27	17°16	0♉ 3	24°48	16°52	15°19	0° 6	5°24	6°54	10°27	9°44	S 4
M 5	9 27 54	23°30'47	25°39	28°48	15°42	17°58	0°14	24°50	16°53	15°20	0° 8	5°17	6°51	10°34	9°42	M 5
T 6	9 31 50	24°31'09	8♌20	0♓41	16°57	18°40	0°24	24°52	16°53	15°20	0° 9	5° 9	6°48	10°41	9°39	T 6
W 7	9 35 47	25°31'28	20°49	2°34	18°12	19°22	0°35	24°54	16°53	15°20	0°11	5° 2	6°45	10°47	9°37	W 7
T 8	9 39 44	26°31'46	3♍ 6	4°28	19°27	20° 3	0°45	24°56	16°54	15°R20	0°13	4°56	6°42	10°54	9°34	T 8
F 9	9 43 40	27°32'02	15°12	6°21	20°42	20°45	0°56	24°58	16°54	15°20	0°14	4°53	6°38	11° 1	9°32	F 9
S 10	9 47 37	28°32'17	27°10	8°14	21°57	21°27	1° 6	24°59	16°54	15°20	0°16	4°51	6°35	11° 7	9°30	S 10
S 11	9 51 33	29°32'30	9♎ 1	10° 7	23°12	22° 9	1°16	25° 1	16°54	15°20	0°17	4°D50	6°32	11°14	9°28	S 11
M12	9 55 30	0♓32'41	20°48	11°59	24°27	22°50	1°26	25° 2	16°54	15°19	0°19	4°51	6°29	11°21	9°26	M12
T 13	9 59 26	1°32'51	2♏36	13°50	25°41	23°32	1°36	25° 3	16°R54	15°19	0°21	4°53	6°26	11°27	9°24	T 13
W14	10 3 23	2°32'58	14°28	15°40	26°56	24°14	1°46	25° 5	16°54	15°19	0°22	4°55	6°22	11°34	9°22	W14
T 15	10 7 19	3°33'05	26°31	17°27	28°11	24°55	1°56	25° 6	16°54	15°19	0°24	4°56	6°19	11°41	9°20	T 15
F 16	10 11 16	4°33'10	8♐48	19°12	29°26	25°37	2° 6	25° 7	16°54	15°19	0°26	4°R56	6°16	11°47	9°18	F 16
S 17	10 15 12	5°33'13	21°24	20°55	0♓41	26°18	2°15	25° 8	16°54	15°18	0°27	4°55	6°13	11°54	9°17	S 17
S 18	10 19 9	6°33'14	4♑24	22°34	1°56	27° 0	2°25	25° 8	16°53	15°18	0°29	4°53	6°10	12° 0	9°15	S 18
M19	10 23 6	7°33'14	17°51	24° 9	3°11	27°41	2°34	25° 9	16°53	15°18	0°31	4°49	6° 7	12° 7	9°14	M19
T 20	10 27 2	8°33'12	1♒44	25°39	4°26	28°23	2°43	25°10	16°53	15°17	0°32	4°45	6° 3	12°14	9°13	T 20
W21	10 30 59	9°33'09	16° 4	27° 5	5°40	29° 4	2°52	25°10	16°52	15°17	0°34	4°42	6° 0	12°20	9°11	W21
T 22	10 34 55	10°33'03	0♓44	28°26	6°55	29°46	3° 1	25°11	16°52	15°17	0°35	4°38	5°57	12°27	9°10	T 22
F 23	10 38 52	11°32'56	15°39	29°40	8°10	0♉27	3°10	25°11	16°51	15°16	0°37	4°36	5°54	12°34	9° 9	F 23
S 24	10 42 48	12°32'46	0♈41	0♈48	9°25	1° 8	3°19	25°11	16°51	15°16	0°39	4°D35	5°51	12°40	9° 8	S 24
S 25	10 46 45	13°32'34	15°40	1°49	10°39	1°50	3°27	25°R11	16°50	15°15	0°40	4°36	5°48	12°47	9° 7	S 25
M26	10 50 41	14°32'20	0♉29	2°43	11°54	2°31	3°36	25°11	16°50	15°14	0°42	4°37	5°44	12°54	9° 7	M26
T 27	10 54 38	15°32'04	15° 2	3°29	13° 9	3°12	3°44	25°11	16°49	15°14	0°43	4°38	5°41	13° 0	9° 6	T 27
W28	10 58 35	16°31'46	29°15	4° 7	14°24	3°53	3°52	25°11	16°48	15°13	0°45	4°39	5°38	13° 7	9° 5	W28
T 29	11 2 31	17♓31'25	13♊ 6	4♈37	15♓38	4♉35	4♑ 0	25♏10	16♏47	15♏13	0♓47	4°R40	5♎35	13♎14	9♋ 5	T 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	15s 2	16n32	4s20	16s13	1s53	18s40	1s 5	6n 6	0n 6	23s16	0n15	16s56	2n 8	16s36	0n21	14s45	1n49	23s31	12s54	2s15	2s49	3s46	16n12	6s59
F 2	14 43	17 59	4 52	15 34	1 50	18 20	1 7	6 23	0 7	23 16	0 15	16 57	2 8	16 36	0 21	14 45	1 49	23 30	12 54	2 14	2 48	3 48	16 12	6 59
S 3	14 23	18 24	5 7	14 52	1 45	18 1	1 8	6 40	0 8	23 16	0 15	16 57	2 8	16 36	0 21	14 45	1 49	23 30	12 54	2 12	2 46	3 50	16 13	6 58
S 4	14 4	17 50	5 7	14 10	1 41	17 40	1 10	6 56	0 9	23 16	0 15	16 58	2 8	16 36	0 21	14 45	1 49	23 29	12 54	2 9	2 45	3 52	16 13	6 58
M 5	13 44	16 20	4 50	13 25	1 35	17 19	1 11	7 13	0 10	23 16	0 15	16 58	2 9	16 36	0 21	14 45	1 49	23 29	12 54	2 6	2 44	3 53	16 14	6 57
T 6	13 24	14 4	4 19	12 40	1 29	16 58	1 12	7 30	0 10	23 16	0 15	16 58	2 9	16 36	0 21	14 45	1 49	23 28	12 54	2 3	2 43	3 55	16 15	6 57
W 7	13 4	11 11	3 37	11 53	1 23	16 36	1 14	7 47	0 11	23 17	0 15	16 59	2 9	16 36	0 21	14 45	1 49	23 27	12 54	2 0	2 41	3 57	16 15	6 57
T 8	12 43	7 51	2 44	11 5	1 15	16 14	1 15	8 3	0 12	23 17	0 15	16 59	2 9	16 37	0 21	14 45	1 49	23 27	12 54	1 58	2 40	3 59	16 16	6 56
F 9	12 22	4 14	1 45	10 15	1 7	15 51	1 16	8 20	0 13	23 17	0 15	16 59	2 9	16 37	0 21	14 45	1 49	23 26	12 54	1 57	2 39	4 1	16 16	6 56
S 10	12 2	0 30	0 42	9 25	0 59	15 28	1 17	8 36	0 14	23 17	0 15	16 59	2 10	16 37	0 21	14 45	1 49	23 26	12 54	1 56	2 37	4 2	16 17	6 55
S 11	11 40	3s14	0n23	8 34	0 50	15 4	1 18	8 53	0 14	23 17	0 15	16 59	2 10	16 37	0 21	14 45	1 49	23 25	12 54	1 56	2 36	4 4	16 18	6 55
M12	11 19	6 49	1 26	7 42	0 40	14 40	1 19	9 9	0 15	23 16	0 15	17 0	2 10	16 37	0 21	14 45	1 50	23 25	12 54	1 56	2 35	4 6	16 18	6 54
T 13	10 58	10 8	2 26	6 50	0 29	14 15	1 20	9 25	0 16	23 16	0 15	17 0	2 10	16 37	0 21	14 45	1 50	23 24	12 54	1 57	2 34	4 8	16 19	6 54
W14	10 36	13 3	3 20	5 57	0 18	13 51	1 21	9 41	0 17	23 16	0 15	17 0	2 10	16 37	0 21	14 44	1 50	23 23	12 54	1 58	2 32	4 10	16 19	6 53
T 15	10 14	15 27	4 6	5 5	0 7	13 25	1 22	9 57	0 17	23 16	0 14	17 0	2 10	16 37	0 21	14 44	1 50	23 23	12 54	1 58	2 31	4 11	16 20	6 53
F 16	9 53	17 12	4 42	4 13	0n 5	13 0	1 22	10 13	0 18	23 16	0 14	17 0	2 11	16 37	0 21	14 44	1 50	23 22	12 54	1 58	2 30	4 13	16 21	6 52
S 17	9 31	18 10	5 6	3 21	0 18	12 34	1 23	10 29	0 19	23 16	0 14	17 0	2 11	16 36	0 21	14 44	1 50	23 22	12 54	1 58	2 29	4 15	16 21	6 52
S 18	9 8	18 13	5 14	2 30	0 31	12 7	1 23	10 45	0 20	23 16	0 14	17 0	2 11	16 36	0 21	14 44	1 50	23 21	12 54	1 57	2 27	4 17	16 22	6 51
M19	8 46	17 16	5 6	1 40	0 44	11 41	1 24	11 0	0 20	23 16	0 14	17 0	2 11	16 36	0 21	14 44	1 50	23 21	12 54	1 55	2 26	4 19	16 23	6 51
T 20	8 24	15 17	4 40	0 51	0 57	11 14	1 24	11 16	0 21	23 16	0 14	17 0	2 11	16 36	0 21	14 44	1 50	23 20	12 54	1 54	2 25	4 20	16 23	6 50
W21	8 1	12 19	3 56	0 5	1 11	10 47	1 25	11 31	0 22	23 16	0 14	17 0	2 12	16 36	0 21	14 43	1 50	23 20	12 54	1 52	2 24	4 22	16 24	6 50
T 22	7 38	8 31	2 56	0n40	1 25	10 19	1 25	11 47	0 22	23 16	0 14	17 0	2 12	16 36	0 21	14 43	1 50	23 19	12 54	1 51	2 22	4 24	16 24	6 49
F 23	7 15	4 6	1 43	1 22	1 38	9 52	1 25	12 2	0 23	23 15	0 14	17 0	2 12	16 36	0 21	14 43	1 50	23 19	12 54	1 50	2 21	4 26	16 25	6 49
S 24	6 53	0n36	0 22	2 2	1 52	9 23	1 26	12 17	0 24	23 15	0 14	17 0	2 12	16 36	0 21	14 43	1 50	23 18	12 54	1 50	2 20	4 28	16 26	6 48
S 25	6 30	5 15	1s 1	2 38	2 5	8 55	1 26	12 32	0 24	23 15	0 14	16 59	2 12	16 35	0 21	14 43	1 50	23 18	12 55	1 50	2 19	4 29	16 26	6 47
M26	6 7	9 31	2 18	3 11	2 18	8 27	1 26	12 47	0 25	23 15	0 14	16 59	2 12	16 35	0 21	14 42	1 50	23 17	12 55	1 50	2 17	4 31	16 27	6 47
T 27	5 43	13 8	3 25	3 40	2 30	7 58	1 26	13 2	0 26	23 15	0 14	16 59	2 13	16 35	0 21	14 42	1 50	23 17	12 55	1 51	2 16	4 33	16 27	6 46
W28	5 20	15 51	4 18	4 6	2 41	7 29	1 26	13 16	0 26	23 15	0 14	16 59	2 13	16 35	0 21	14 42	1 50	23 16	12 55	1 51	2 15	4 35	16 28	6 46
T 29	4s57	17n35	4s55	4n28	2n52	7s 0	1s26	13n31	0n27	23s14	0n13	16s59	2n13	16s34	0n21	14s42	1n50	23s16	12s55	1s52	2s13	4s36	16n29	6s45

Julian Day Number = 2198835.5, Delta T = 10m12s
Ecliptic obliquity = 23°31'36, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°05'25, Lahiri = 14°12'25 Julian Calendar 1 Feb. 1308 == Greg. Calendar 9 Feb. 1308

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ASTRODIENST EPHEMERIS for the year 1308
geocentric

MARCH 1308 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	11 6 28	18♓31'02	26♊36	4♈59	16♓53	5♉16	4♋ 8	25°R10	16°R46	15°R12	0♓48	4°R40	5♎32	13♎20	9°R 5	F 1
S 2	11 10 24	19°30'37	9♋47	5°13	18° 8	5°57	4°16	25♏10	16♏45	15♏11	0°50	4♎39	5°28	13°27	9♋ 4	S 2
S 3	11 14 21	20°30'09	22°39	5°R19	19°22	6°38	4°24	25° 9	16°44	15°10	0°51	4°37	5°25	13°33	9° 4	S 3
M 4	11 18 17	21°29'39	5♌16	5°17	20°37	7°19	4°31	25° 8	16°43	15°10	0°53	4°35	5°22	13°40	9°D 4	M 4
T 5	11 22 14	22°29'07	17°40	5° 7	21°52	8° 0	4°38	25° 7	16°42	15° 9	0°54	4°34	5°19	13°47	9° 4	T 5
W 6	11 26 10	23°28'32	29°52	4°49	23° 6	8°41	4°46	25° 6	16°41	15° 8	0°56	4°32	5°16	13°53	9° 4	W 6
T 7	11 30 7	24°27'56	11♍56	4°25	24°21	9°22	4°53	25° 5	16°40	15° 7	0°57	4°31	5°13	14° 0	9° 4	T 7
F 8	11 34 4	25°27'17	23°52	3°55	25°35	10° 3	5° 0	25° 4	16°39	15° 6	0°59	4°30	5° 9	14° 7	9° 5	F 8
S 9	11 38 0	26°26'36	5♎43	3°19	26°50	10°44	5° 6	25° 3	16°38	15° 5	1° 1	4°D30	5° 6	14°13	9° 5	S 9
S 10	11 41 57	27°25'53	17°32	2°38	28° 4	11°24	5°13	25° 2	16°36	15° 4	1° 2	4°30	5° 3	14°20	9° 5	S 10
M11	11 45 53	28°25'08	29°20	1°53	29°19	12° 5	5°20	25° 0	16°35	15° 3	1° 3	4°31	5° 0	14°27	9° 6	M11
T 12	11 49 50	29°24'21	11♏10	1° 6	0♈33	12°46	5°26	24°59	16°33	15° 2	1° 5	4°31	4°57	14°33	9° 7	T 12
W13	11 53 46	0♈23'32	23° 5	0°17	1°48	13°27	5°32	24°57	16°32	15° 1	1° 6	4°32	4°54	14°40	9° 7	W13
T 14	11 57 43	1°22'41	5♐ 9	29♓27	3° 2	14° 8	5°38	24°56	16°31	15° 0	1° 8	4°32	4°50	14°47	9° 8	T 14
F 15	12 1 39	2°21'49	17°26	28°37	4°17	14°48	5°44	24°54	16°29	14°59	1° 9	4°32	4°47	14°53	9° 9	F 15
S 16	12 5 36	3°20'54	0♑ 0	27°49	5°31	15°29	5°50	24°52	16°27	14°58	1°11	4°32	4°44	15° 0	9°10	S 16
S 17	12 9 32	4°19'58	12°55	27° 2	6°45	16° 9	5°55	24°50	16°26	14°57	1°12	4°32	4°41	15° 7	9°11	S 17
M18	12 13 29	5°19'00	26°14	26°18	8° 0	16°50	6° 1	24°48	16°24	14°56	1°14	4°32	4°38	15°13	9°13	M18
T 19	12 17 26	6°18'01	9♒59	25°38	9°14	17°31	6° 6	24°46	16°23	14°55	1°15	4°33	4°34	15°20	9°14	T 19
W20	12 21 22	7°16'59	24°11	25° 2	10°29	18°11	6°11	24°44	16°21	14°54	1°16	4°33	4°31	15°26	9°15	W20
T 21	12 25 19	8°15'56	8♓48	24°30	11°43	18°52	6°16	24°41	16°19	14°52	1°18	4°33	4°28	15°33	9°17	T 21
F 22	12 29 15	9°14'51	23°44	24° 3	12°57	19°32	6°21	24°39	16°17	14°51	1°19	4°33	4°25	15°40	9°19	F 22
S 23	12 33 12	10°13'43	8♈53	23°42	14°12	20°13	6°25	24°37	16°15	14°50	1°20	4°R33	4°22	15°46	9°20	S 23
S 24	12 37 8	11°12'34	24° 5	23°25	15°26	20°53	6°30	24°34	16°14	14°49	1°22	4°33	4°19	15°53	9°22	S 24
M25	12 41 5	12°11'23	9♉11	23°14	16°40	21°33	6°34	24°31	16°12	14°47	1°23	4°32	4°15	16° 0	9°24	M25
T 26	12 45 1	13°10'09	24° 2	23° 8	17°54	22°14	6°38	24°29	16°10	14°46	1°24	4°32	4°12	16° 6	9°26	T 26
W27	12 48 58	14° 8'54	8♊32	23°D 8	19° 9	22°54	6°42	24°26	16° 8	14°45	1°26	4°30	4° 9	16°13	9°28	W27
T 28	12 52 55	15° 7'36	22°36	23°12	20°23	23°34	6°45	24°23	16° 6	14°43	1°27	4°30	4° 6	16°20	9°30	T 28
F 29	12 56 51	16° 6'16	6♋13	23°22	21°37	24°15	6°49	24°20	16° 4	14°42	1°28	4°29	4° 3	16°26	9°32	F 29
S 30	13 0 48	17° 4'53	19°25	23°37	22°51	24°55	6°52	24°17	16° 2	14°41	1°29	4°D29	3°59	16°33	9°35	S 30
S 31	13 4 44	18♈ 3'29	2♌14	23♓56	24♈ 5	25♉35	6♋55	24♏14	16♏ 0	14♏39	1♓31	4♎29	3♎56	16♎40	9♋37	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	4s33	18n16	5s14	4n46	3n 1	6s31	1s26	13n45	0n28	23s14	0n13	16s58	2n13	16s34	0n21	14s41	1n51	23s15	12s55	1s52	2s12	4s38	16n29	6s45
S 2	4 10	17 55	5 15	4 59	3 10	6 1	1 25	14 0	0 28	23 14	0 13	16 58	2 13	16 34	0 21	14 41	1 51	23 15	12 55	1 51	2 11	4 40	16 30	6 44
S 3	3 47	16 40	5 1	5 8	3 17	5 31	1 25	14 14	0 29	23 14	0 13	16 58	2 13	16 34	0 21	14 41	1 51	23 14	12 55	1 51	2 10	4 42	16 30	6 44
M 4	3 23	14 37	4 33	5 12	3 23	5 2	1 25	14 28	0 30	23 14	0 13	16 57	2 14	16 33	0 21	14 41	1 51	23 14	12 56	1 50	2 8	4 44	16 31	6 43
T 5	3 0	11 55	3 52	5 12	3 27	4 32	1 24	14 42	0 30	23 14	0 13	16 57	2 14	16 33	0 21	14 40	1 51	23 13	12 56	1 49	2 7	4 45	16 31	6 42
W 6	2 36	8 44	3 1	5 8	3 30	4 2	1 24	14 56	0 31	23 13	0 13	16 57	2 14	16 33	0 21	14 40	1 51	23 13	12 56	1 48	2 6	4 47	16 32	6 42
T 7	2 12	5 14	2 2	4 59	3 31	3 32	1 23	15 10	0 31	23 13	0 13	16 56	2 14	16 32	0 21	14 40	1 51	23 12	12 56	1 48	2 5	4 49	16 33	6 41
F 8	1 49	1 33	0 59	4 47	3 31	3 1	1 23	15 23	0 32	23 13	0 13	16 56	2 14	16 32	0 21	14 40	1 51	23 12	12 56	1 48	2 3	4 51	16 33	6 41
S 9	1 25	2s11	0n 7	4 30	3 28	2 31	1 22	15 37	0 33	23 13	0 13	16 55	2 14	16 32	0 21	14 39	1 51	23 12	12 56	1 48	2 2	4 52	16 34	6 40
S 10	1 1	5 48	1 12	4 10	3 24	2 1	1 21	15 50	0 33	23 13	0 13	16 55	2 15	16 31	0 21	14 39	1 51	23 11	12 56	1 48	2 1	4 54	16 34	6 40
M11	0 38	9 11	2 14	3 47	3 18	1 30	1 20	16 3	0 34	23 12	0 13	16 55	2 15	16 31	0 21	14 39	1 51	23 11	12 57	1 48	2 0	4 56	16 35	6 39
T 12	0 14	12 13	3 10	3 21	3 10	1 0	1 20	16 16	0 34	23 12	0 13	16 54	2 15	16 30	0 21	14 38	1 51	23 11	12 57	1 48	1 58	4 58	16 35	6 38
W13	0n 9	14 46	3 59	2 53	3 1	0 29	1 19	16 29	0 35	23 12	0 13	16 53	2 15	16 30	0 21	14 38	1 51	23 10	12 57	1 48	1 57	5 0	16 36	6 38
T 14	0 33	16 41	4 37	2 23	2 50	0n 2	1 18	16 42	0 35	23 12	0 12	16 53	2 15	16 30	0 21	14 38	1 51	23 10	12 57	1 49	1 56	5 1	16 36	6 37
F 15	0 57	17 53	5 4	1 52	2 38	0 32	1 17	16 55	0 36	23 12	0 12	16 52	2 15	16 29	0 21	14 37	1 51	23 9	12 57	1 49	1 55	5 3	16 37	6 37
S 16	1 20	18 14	5 17	1 21	2 25	1 3	1 15	17 7	0 36	23 12	0 12	16 52	2 15	16 29	0 21	14 37	1 51	23 9	12 58	1 49	1 53	5 5	16 37	6 36
S 17	1 44	17 40	5 15	0 49	2 11	1 33	1 14	17 19	0 37	23 11	0 12	16 51	2 16	16 28	0 21	14 36	1 51	23 9	12 58	1 49	1 52	5 7	16 38	6 35
M18	2 7	16 8	4 56	0 18	1 56	2 4	1 13	17 32	0 38	23 11	0 12	16 51	2 16	16 28	0 21	14 36	1 51	23 8	12 58	1 49	1 51	5 8	16 38	6 35
T 19	2 31	13 38	4 19	0s12	1 41	2 34	1 12	17 44	0 38	23 11	0 12	16 50	2 16	16 27	0 21	14 36	1 51	23 8	12 58	1 49	1 49	5 10	16 39	6 34
W20	2 54	10 16	3 26	0 41	1 25	3 5	1 11	17 56	0 39	23 11	0 12	16 49	2 16	16 27	0 21	14 35	1 51	23 8	12 58	1 49	1 48	5 12	16 39	6 34
T 21	3 17	6 10	2 19	1 9	1 9	3 35	1 9	18 7	0 39	23 11	0 12	16 49	2 16	16 26	0 21	14 35	1 51	23 7	12 59	1 49	1 47	5 14	16 40	6 33
F 22	3 41	1 35	1 0	1 34	0 52	4 6	1 8	18 19	0 40	23 11	0 12	16 48	2 16	16 26	0 21	14 35	1 51	23 7	12 59	1 49	1 46	5 16	16 40	6 33
S 23	4 4	3n10	0s24	1 57	0 36	4 36	1 6	18 30	0 40	23 11	0 12	16 47	2 16	16 25	0 21	14 34	1 52	23 7	12 59	1 49	1 44	5 17	16 41	6 32
S 24	4 27	7 44	1 47	2 19	0 20	5 6	1 5	18 42	0 41	23 10	0 12	16 46	2 17	16 25	0 21	14 34	1 52	23 7	12 59	1 49	1 43	5 19	16 41	6 31
M25	4 50	11 45	3 1	2 37	0 5	5 36	1 3	18 53	0 41	23 10	0 12	16 46	2 17	16 24	0 21	14 33	1 52	23 6	13 0	1 49	1 42	5 21	16 42	6 31
T 26	5 13	14 57	4 2	2 53	0s10	6 6	1 2	19 4	0 42	23 10	0 11	16 45	2 17	16 24	0 21	14 33	1 52	23 6	13 0	1 48	1 41	5 23	16 42	6 30
W27	5 36	17 6	4 46	3 7	0 25	6 36	1 0	19 15	0 42	23 10	0 11	16 44	2 17	16 23	0 21	14 32	1 52	23 6	13 0	1 48	1 39	5 24	16 42	6 30
T 28	5 59	18 9	5 11	3 18	0 39	7 6	0 58	19 25	0 43	23 10	0 11	16 43	2 17	16 22	0 21	14 32	1 52	23 6	13 0	1 47	1 38	5 26	16 43	6 29
F 29	6 21	18 6	5 17	3 26	0 52	7 35	0 56	19 36	0 43	23 10	0 11	16 42	2 17	16 22	0 21	14 32	1 52	23 5	13 1	1 47	1 37	5 28	16 43	6 29
S 30	6 44	17 3	5 7	3 32	1 5	8 4	0 55	19 46	0 43	23 10	0 11	16 42	2 17	16 21	0 21	14 31	1 52	23 5	13 1	1 47	1 36	5 30	16 44	6 28
S 31	7n 6	15n10	4s41	3s36	1s17	8n34	0s53	19n56	0n44	23s10	0n11	16s41	2n17	16s21	0n21	14s31	1n52	23s 5	13s 1	1s47	1s34	5s31	16n44	6s27

Julian Day Number = 2198864.5, Delta T = 10m12s
Ecliptic obliquity = 23°31'36, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°05'29, Lahiri = 14°12'29 Julian Calendar 1 March 1308 == Greg. Calendar 9 March 1308

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ASTRODIENST EPHEMERIS for the year 1308
geocentric

APRIL 1308 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	13 8 41	19♈ 2'02	14♌43	24♓20	25♈19	26♉15	6♑58	24°R11	15°R57	14°R38	1♓32	4♎30	3♎53	16♎46	9♋40	M 1
T 2	13 12 37	20° 0'33	26°57	24°49	26°34	26°55	7° 1	24♏ 8	15♏55	14♏36	1°33	4°31	3°50	16°53	9°42	T 2
W 3	13 16 34	20°59'01	8♍59	25°21	27°48	27°35	7° 4	24° 4	15°53	14°35	1°34	4°33	3°47	17° 0	9°45	W 3
T 4	13 20 30	21°57'28	20°53	25°58	29° 2	28°16	7° 6	24° 1	15°51	14°33	1°35	4°34	3°44	17° 6	9°48	T 4
F 5	13 24 27	22°55'52	2♎43	26°38	0♉16	28°56	7° 8	23°58	15°49	14°32	1°36	4°R34	3°40	17°13	9°51	F 5
S 6	13 28 23	23°54'15	14°31	27°22	1°30	29°36	7°11	23°54	15°46	14°31	1°38	4°34	3°37	17°19	9°54	S 6
S 7	13 32 20	24°52'35	26°19	28°10	2°44	0♊16	7°12	23°50	15°44	14°29	1°39	4°33	3°34	17°26	9°57	S 7
M 8	13 36 17	25°50'54	8♏10	29° 1	3°58	0°56	7°14	23°47	15°42	14°28	1°40	4°30	3°31	17°33	10° 0	M 8
T 9	13 40 13	26°49'11	20° 6	29°55	5°12	1°35	7°16	23°43	15°40	14°26	1°41	4°27	3°28	17°39	10° 3	T 9
W10	13 44 10	27°47'26	2♐ 8	0♈52	6°26	2°15	7°17	23°39	15°37	14°24	1°42	4°23	3°25	17°46	10° 6	W10
T 11	13 48 6	28°45'40	14°20	1°53	7°40	2°55	7°18	23°36	15°35	14°23	1°43	4°19	3°21	17°53	10° 9	T 11
F 12	13 52 3	29°43'52	26°43	2°56	8°53	3°35	7°19	23°32	15°33	14°21	1°44	4°16	3°18	17°59	10°13	F 12
S 13	13 55 59	0♉42'03	9♑20	4° 2	10° 7	4°15	7°20	23°28	15°30	14°20	1°45	4°13	3°15	18° 6	10°16	S 13
S 14	13 59 56	1°40'12	22°14	5°10	11°21	4°55	7°20	23°24	15°28	14°18	1°46	4°12	3°12	18°13	10°20	S 14
M15	14 3 52	2°38'20	5♒28	6°21	12°35	5°34	7°21	23°20	15°25	14°17	1°47	4°D11	3° 9	18°19	10°24	M15
T 16	14 7 49	3°36'26	19° 4	7°35	13°49	6°14	7°21	23°16	15°23	14°15	1°48	4°12	3° 5	18°26	10°27	T 16
W17	14 11 46	4°34'30	3♓ 4	8°51	15° 3	6°54	7°R21	23°12	15°20	14°13	1°48	4°14	3° 2	18°33	10°31	W17
T 18	14 15 42	5°32'34	17°26	10° 9	16°17	7°33	7°21	23° 8	15°18	14°12	1°49	4°15	2°59	18°39	10°35	T 18
F 19	14 19 39	6°30'36	2♈10	11°30	17°30	8°13	7°21	23° 4	15°16	14°10	1°50	4°R16	2°56	18°46	10°39	F 19
S 20	14 23 35	7°28'36	17°10	12°53	18°44	8°53	7°20	23° 0	15°13	14° 9	1°51	4°15	2°53	18°53	10°43	S 20
S 21	14 27 32	8°26'35	2♉18	14°18	19°58	9°32	7°19	22°55	15°11	14° 7	1°52	4°13	2°50	18°59	10°47	S 21
M22	14 31 28	9°24'32	17°26	15°45	21°12	10°12	7°18	22°51	15° 8	14° 5	1°53	4° 9	2°46	19° 6	10°51	M22
T 23	14 35 25	10°22'28	2♊23	17°14	22°25	10°51	7°17	22°47	15° 6	14° 4	1°53	4° 4	2°43	19°13	10°56	T 23
W24	14 39 21	11°20'22	17° 2	18°46	23°39	11°31	7°16	22°43	15° 3	14° 2	1°54	3°59	2°40	19°19	11° 0	W24
T 25	14 43 18	12°18'15	1♋16	20°20	24°53	12°10	7°14	22°38	15° 1	14° 1	1°55	3°54	2°37	19°26	11° 4	T 25
F 26	14 47 15	13°16'06	15° 2	21°55	26° 7	12°50	7°13	22°34	14°58	13°59	1°56	3°49	2°34	19°32	11° 9	F 26
S 27	14 51 11	14°13'55	28°19	23°33	27°20	13°29	7°11	22°29	14°56	13°57	1°56	3°46	2°30	19°39	11°13	S 27
S 28	14 55 8	15°11'42	11♌10	25°13	28°34	14° 9	7° 9	22°25	14°53	13°56	1°57	3°D45	2°27	19°46	11°18	S 28
M29	14 59 4	16° 9'27	23°39	26°55	29°47	14°48	7° 7	22°21	14°51	13°54	1°57	3°45	2°24	19°52	11°23	M29
T 30	15 3 1	17♉ 7'11	5♍51	28♈39	1♊ 1	15♊27	7♑ 4	22♏16	14♏48	13♏52	1♓58	3♎46	2♎21	19♎59	11♋27	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	7n29	12n36	4s 3	3s36	1s28	9n 2	0s51	20n 6	0n44	23s10	0n11	16s40	2n17	16s20	0n21	14s30	1n52	23s 5	13s 1	1s48	1s33	5s33	16n44	6s27
T 2	7 51	9 32	3 14	3 35	1 39	9 31	0 49	20 16	0 45	23 10	0 11	16 39	2 18	16 19	0 21	14 30	1 52	23 4	13 2	1 48	1 32	5 35	16 45	6 26
W 3	8 13	6 7	2 17	3 31	1 49	10 0	0 47	20 26	0 45	23 9	0 11	16 38	2 18	16 19	0 21	14 29	1 52	23 4	13 2	1 49	1 30	5 37	16 45	6 26
T 4	8 35	2 28	1 15	3 25	1 58	10 28	0 45	20 35	0 46	23 9	0 11	16 37	2 18	16 18	0 21	14 29	1 52	23 4	13 2	1 49	1 29	5 38	16 46	6 25
F 5	8 57	1s14	0 10	3 17	2 7	10 56	0 43	20 45	0 46	23 9	0 11	16 36	2 18	16 18	0 21	14 29	1 52	23 4	13 2	1 49	1 28	5 40	16 46	6 25
S 6	9 19	4 54	0n55	3 6	2 14	11 24	0 41	20 54	0 47	23 9	0 11	16 35	2 18	16 17	0 21	14 28	1 52	23 4	13 3	1 49	1 27	5 42	16 46	6 24
S 7	9 40	8 22	1 57	2 54	2 22	11 51	0 39	21 3	0 47	23 9	0 10	16 34	2 18	16 16	0 21	14 28	1 52	23 4	13 3	1 49	1 25	5 44	16 47	6 24
M 8	10 1	11 31	2 55	2 39	2 28	12 19	0 37	21 11	0 47	23 9	0 10	16 33	2 18	16 16	0 21	14 27	1 52	23 4	13 3	1 48	1 24	5 45	16 47	6 23
T 9	10 23	14 13	3 45	2 23	2 34	12 46	0 34	21 20	0 48	23 9	0 10	16 32	2 18	16 15	0 21	14 27	1 52	23 3	13 4	1 47	1 23	5 47	16 47	6 23
W10	10 44	16 19	4 26	2 5	2 39	13 12	0 32	21 29	0 48	23 9	0 10	16 32	2 18	16 14	0 21	14 26	1 52	23 3	13 4	1 45	1 22	5 49	16 47	6 22
T 11	11 4	17 43	4 56	1 45	2 43	13 39	0 30	21 37	0 49	23 9	0 10	16 31	2 18	16 14	0 21	14 26	1 52	23 3	13 4	1 44	1 20	5 51	16 48	6 22
F 12	11 25	18 18	5 12	1 23	2 47	14 5	0 28	21 45	0 49	23 9	0 10	16 30	2 18	16 13	0 21	14 25	1 52	23 3	13 4	1 42	1 19	5 52	16 48	6 21
S 13	11 46	17 59	5 13	0 59	2 50	14 30	0 25	21 53	0 49	23 10	0 10	16 28	2 18	16 12	0 21	14 25	1 52	23 3	13 5	1 41	1 18	5 54	16 48	6 21
S 14	12 6	16 46	4 59	0 34	2 52	14 56	0 23	22 1	0 50	23 10	0 10	16 27	2 18	16 11	0 21	14 24	1 52	23 3	13 5	1 40	1 17	5 56	16 48	6 20
M15	12 26	14 37	4 29	0 8	2 54	15 20	0 21	22 8	0 50	23 10	0 10	16 26	2 18	16 11	0 21	14 24	1 52	23 3	13 5	1 40	1 15	5 58	16 49	6 20
T 16	12 46	11 38	3 43	0n20	2 55	15 45	0 18	22 15	0 51	23 10	0 10	16 25	2 18	16 10	0 21	14 23	1 52	23 3	13 6	1 41	1 14	5 59	16 49	6 19
W17	13 6	7 53	2 43	0 50	2 55	16 9	0 16	22 23	0 51	23 10	0 9	16 24	2 19	16 9	0 21	14 23	1 52	23 3	13 6	1 41	1 13	6 1	16 49	6 19
T 18	13 25	3 35	1 31	1 21	2 55	16 33	0 14	22 30	0 51	23 10	0 9	16 23	2 19	16 9	0 21	14 22	1 52	23 3	13 6	1 42	1 11	6 3	16 49	6 18
F 19	13 44	1n 2	0 11	1 53	2 55	16 56	0 11	22 36	0 52	23 10	0 9	16 22	2 19	16 8	0 21	14 22	1 52	23 3	13 7	1 42	1 10	6 5	16 49	6 18
S 20	14 3	5 41	1s10	2 27	2 53	17 19	0 9	22 43	0 52	23 10	0 9	16 21	2 19	16 7	0 21	14 21	1 52	23 3	13 7	1 42	1 9	6 6	16 50	6 17
S 21	14 22	10 1	2 27	3 2	2 51	17 42	0 6	22 49	0 52	23 10	0 9	16 20	2 19	16 6	0 21	14 21	1 52	23 3	13 7	1 41	1 8	6 8	16 50	6 17
M22	14 41	13 40	3 34	3 38	2 49	18 4	0 4	22 56	0 53	23 11	0 9	16 19	2 19	16 6	0 21	14 20	1 52	23 3	13 8	1 39	1 6	6 10	16 50	6 16
T 23	14 59	16 23	4 25	4 15	2 46	18 25	0 2	23 2	0 53	23 11	0 9	16 18	2 19	16 5	0 21	14 20	1 52	23 3	13 8	1 37	1 5	6 12	16 50	6 16
W24	15 17	17 57	4 58	4 53	2 42	18 46	0n 1	23 8	0 53	23 11	0 9	16 17	2 19	16 4	0 21	14 19	1 52	23 3	13 8	1 35	1 4	6 13	16 50	6 15
T 25	15 35	18 20	5 11	5 32	2 38	19 7	0 3	23 13	0 54	23 11	0 9	16 16	2 19	16 4	0 21	14 19	1 52	23 3	13 9	1 33	1 3	6 15	16 50	6 15
F 26	15 53	17 37	5 5	6 12	2 33	19 27	0 6	23 19	0 54	23 11	0 9	16 15	2 19	16 3	0 21	14 19	1 52	23 3	13 9	1 31	1 1	6 17	16 50	6 14
S 27	16 10	15 57	4 43	6 54	2 28	19 46	0 8	23 24	0 54	23 11	0 8	16 14	2 19	16 2	0 21	14 18	1 52	23 3	13 9	1 30	1 0	6 18	16 50	6 14
S 28	16 27	13 31	4 8	7 36	2 22	20 5	0 11	23 29	0 55	23 12	0 8	16 12	2 19	16 1	0 21	14 18	1 52	23 3	13 10	1 30	0 59	6 20	16 50	6 13
M29	16 44	10 31	3 21	8 18	2 15	20 24	0 13	23 34	0 55	23 12	0 8	16 11	2 19	16 1	0 21	14 17	1 52	23 3	13 10	1 30	0 58	6 22	16 50	6 13
T 30	17n 0	7n 8	2s26	9n 2	2s 9	20n42	0n16	23n39	0n55	23s12	0n 8	16s10	2n19	16s 0	0n21	14s17	1n52	23s 3	13s10	1s30	0s56	6s24	16n51	6s13

Julian Day Number = 2198895.5, Delta T = 10m11s
Ecliptic obliquity = 23°31'36, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°05'33, Lahiri = 14°12'33 Julian Calendar 1 Apr. 1308 == Greg. Calendar 9 Apr. 1308

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ASTRODIENST EPHEMERIS for the year 1308
geocentric

MAY 1308 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	15 6 57	18♉ 4'53	17♍49	0♉26	2♊15	16♊ 7	7°R 1	22°R12	14°R46	13°R51	1♓59	3♎48	2♎18	20♎ 6	11♋32	W 1
T 2	15 10 54	19° 2'34	29°40	2°14	3°28	16°46	6♑59	22♏ 7	14♏43	13♏49	1°59	3°R49	2°15	20°12	11°37	T 2
F 3	15 14 50	20° 0'12	11♎27	4° 4	4°42	17°25	6°56	22° 3	14°41	13°48	2° 0	3°49	2°11	20°19	11°42	F 3
S 4	15 18 47	20°57'50	23°14	5°57	5°55	18° 5	6°53	21°59	14°38	13°46	2° 0	3°47	2° 8	20°26	11°47	S 4
S 5	15 22 44	21°55'26	5♏ 5	7°52	7° 9	18°44	6°49	21°54	14°36	13°44	2° 1	3°42	2° 5	20°32	11°52	S 5
M 6	15 26 40	22°53'01	17° 2	9°48	8°22	19°23	6°46	21°50	14°33	13°43	2° 1	3°36	2° 2	20°39	11°57	M 6
T 7	15 30 37	23°50'34	29° 7	11°47	9°36	20° 2	6°42	21°45	14°31	13°41	2° 2	3°28	1°59	20°46	12° 2	T 7
W 8	15 34 33	24°48'07	11♐22	13°47	10°49	20°41	6°38	21°41	14°28	13°40	2° 2	3°19	1°56	20°52	12° 7	W 8
T 9	15 38 30	25°45'38	23°47	15°50	12° 2	21°21	6°34	21°36	14°26	13°38	2° 2	3°10	1°52	20°59	12°13	T 9
F 10	15 42 26	26°43'09	6♑23	17°54	13°16	22° 0	6°30	21°32	14°23	13°36	2° 3	3° 1	1°49	21° 6	12°18	F 10
S 11	15 46 23	27°40'38	19°11	20° 0	14°29	22°39	6°26	21°27	14°21	13°35	2° 3	2°54	1°46	21°12	12°23	S 11
S 12	15 50 19	28°38'07	2♒13	22° 7	15°42	23°18	6°21	21°23	14°18	13°33	2° 4	2°48	1°43	21°19	12°29	S 12
M13	15 54 16	29°35'34	15°30	24°16	16°56	23°57	6°17	21°19	14°16	13°32	2° 4	2°45	1°40	21°26	12°34	M13
T 14	15 58 13	0♊33'01	29° 3	26°26	18° 9	24°36	6°12	21°14	14°14	13°30	2° 4	2°D44	1°36	21°32	12°40	T 14
W15	16 2 9	1°30'27	12♓53	28°36	19°22	25°15	6° 7	21°10	14°11	13°29	2° 4	2°45	1°33	21°39	12°45	W15
T 16	16 6 6	2°27'53	27° 2	0♊48	20°36	25°54	6° 2	21° 6	14° 9	13°27	2° 5	2°R45	1°30	21°46	12°51	T 16
F 17	16 10 2	3°25'18	11♈28	3° 0	21°49	26°33	5°57	21° 1	14° 7	13°26	2° 5	2°45	1°27	21°52	12°57	F 17
S 18	16 13 59	4°22'42	26°10	5°12	23° 2	27°12	5°51	20°57	14° 4	13°24	2° 5	2°43	1°24	21°59	13° 2	S 18
S 19	16 17 55	5°20'05	11♉ 1	7°24	24°16	27°51	5°46	20°53	14° 2	13°23	2° 5	2°39	1°21	22° 5	13° 8	S 19
M20	16 21 52	6°17'28	25°54	9°35	25°29	28°30	5°40	20°49	14° 0	13°21	2° 5	2°32	1°17	22°12	13°14	M20
T 21	16 25 48	7°14'50	10♊42	11°46	26°42	29° 9	5°34	20°44	13°58	13°20	2° 5	2°23	1°14	22°19	13°20	T 21
W22	16 29 45	8°12'12	25°17	13°56	27°55	29°47	5°28	20°40	13°55	13°18	2° 5	2°13	1°11	22°25	13°26	W22
T 23	16 33 42	9° 9'32	9♋30	16° 5	29° 8	0♋26	5°22	20°36	13°53	13°17	2° 6	2° 3	1° 8	22°32	13°32	T 23
F 24	16 37 38	10° 6'52	23°17	18°12	0♋21	1° 5	5°16	20°32	13°51	13°15	2° 6	1°55	1° 5	22°39	13°38	F 24
S 25	16 41 35	11° 4'10	6♌37	20°18	1°35	1°44	5°10	20°28	13°49	13°14	2°R 6	1°48	1° 2	22°45	13°44	S 25
S 26	16 45 31	12° 1'28	19°31	22°22	2°48	2°23	5° 3	20°24	13°47	13°13	2° 6	1°44	0°58	22°52	13°50	S 26
M27	16 49 28	12°58'45	2♍ 2	24°25	4° 1	3° 2	4°57	20°20	13°45	13°11	2° 6	1°42	0°55	22°59	13°56	M27
T 28	16 53 24	13°56'01	14°15	26°25	5°14	3°40	4°50	20°16	13°43	13°10	2° 5	1°D41	0°52	23° 5	14° 2	T 28
W29	16 57 21	14°53'16	26°13	28°24	6°27	4°19	4°44	20°12	13°41	13° 9	2° 5	1°R41	0°49	23°12	14° 8	W29
T 30	17 1 17	15°50'30	8♎ 4	0♋20	7°40	4°58	4°37	20° 9	13°39	13° 7	2° 5	1°41	0°46	23°19	14°14	T 30
F 31	17 5 14	16♊47'43	19♎51	2♋14	8♋53	5♋37	4♑30	20♏ 5	13♏37	13♏ 6	2♓ 5	1♎40	0♎42	23♎25	14♋21	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		⚸	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	17n17	3n31	1s26	9n46	2s 1	20n59	0n18	23n43	0n56	23s12	0n 8	16s 9	2n19	15s59	0n21	14s16	1n52	23s 3	13s11	1s31	0s55	6s25	16n51	6s12
T 2	17 33	0s13	0 23	10 31	1 54	21 16	0 21	23 48	0 56	23 13	0 8	16 8	2 19	15 58	0 21	14 16	1 52	23 3	13 11	1 31	0 54	6 27	16 51	6 12
F 3	17 48	3 55	0n41	11 16	1 45	21 32	0 23	23 52	0 56	23 13	0 8	16 7	2 18	15 58	0 21	14 15	1 52	23 4	13 11	1 31	0 52	6 29	16 51	6 11
S 4	18 4	7 28	1 43	12 2	1 37	21 48	0 26	23 56	0 57	23 13	0 8	16 6	2 18	15 57	0 21	14 15	1 52	23 4	13 12	1 30	0 51	6 31	16 51	6 11
S 5	18 19	10 44	2 41	12 48	1 28	22 3	0 28	23 59	0 57	23 14	0 7	16 5	2 18	15 56	0 21	14 14	1 52	23 4	13 12	1 29	0 50	6 32	16 50	6 11
M 6	18 34	13 36	3 32	13 34	1 18	22 17	0 30	24 3	0 57	23 14	0 7	16 4	2 18	15 56	0 21	14 14	1 52	23 4	13 12	1 26	0 49	6 34	16 50	6 10
T 7	18 48	15 54	4 14	14 20	1 9	22 31	0 33	24 6	0 57	23 14	0 7	16 3	2 18	15 55	0 21	14 13	1 52	23 4	13 13	1 23	0 47	6 36	16 50	6 10
W 8	19 2	17 32	4 44	15 6	0 58	22 44	0 35	24 10	0 58	23 14	0 7	16 1	2 18	15 54	0 21	14 13	1 52	23 4	13 13	1 19	0 46	6 37	16 50	6 9
T 9	19 16	18 21	5 2	15 52	0 48	22 56	0 38	24 12	0 58	23 15	0 7	16 0	2 18	15 53	0 21	14 12	1 52	23 4	13 13	1 16	0 45	6 39	16 50	6 9
F 10	19 30	18 17	5 6	16 37	0 38	23 8	0 40	24 15	0 58	23 15	0 7	15 59	2 18	15 53	0 21	14 12	1 52	23 5	13 14	1 12	0 44	6 41	16 50	6 9
S 11	19 43	17 18	4 54	17 22	0 27	23 19	0 42	24 18	0 59	23 15	0 7	15 58	2 18	15 52	0 21	14 11	1 52	23 5	13 14	1 9	0 42	6 43	16 50	6 8
S 12	19 56	15 24	4 27	18 6	0 17	23 30	0 45	24 20	0 59	23 16	0 7	15 57	2 18	15 51	0 21	14 11	1 52	23 5	13 14	1 7	0 41	6 44	16 50	6 8
M13	20 8	12 39	3 46	18 49	0 6	23 40	0 47	24 22	0 59	23 16	0 7	15 56	2 18	15 51	0 21	14 11	1 52	23 5	13 15	1 6	0 40	6 46	16 50	6 8
T 14	20 20	9 11	2 51	19 30	0n 5	23 49	0 49	24 24	0 59	23 16	0 6	15 55	2 18	15 50	0 21	14 10	1 52	23 5	13 15	1 6	0 39	6 48	16 49	6 7
W15	20 32	5 8	1 44	20 10	0 15	23 57	0 51	24 26	1 0	23 17	0 6	15 54	2 18	15 49	0 21	14 10	1 52	23 6	13 16	1 6	0 37	6 49	16 49	6 7
T 16	20 44	0 43	0 31	20 49	0 26	24 5	0 54	24 28	1 0	23 17	0 6	15 53	2 18	15 49	0 21	14 9	1 52	23 6	13 16	1 6	0 36	6 51	16 49	6 7
F 17	20 55	3n50	0s47	21 25	0 36	24 12	0 56	24 29	1 0	23 18	0 6	15 52	2 18	15 48	0 21	14 9	1 52	23 6	13 16	1 6	0 35	6 53	16 49	6 6
S 18	21 6	8 15	2 2	21 59	0 46	24 18	0 58	24 30	1 0	23 18	0 6	15 51	2 17	15 47	0 21	14 8	1 52	23 6	13 17	1 5	0 33	6 55	16 49	6 6
S 19	21 16	12 11	3 9	22 32	0 55	24 24	1 0	24 31	1 1	23 18	0 6	15 50	2 17	15 47	0 21	14 8	1 52	23 7	13 17	1 3	0 32	6 56	16 48	6 6
M20	21 26	15 21	4 4	23 1	1 4	24 29	1 2	24 32	1 1	23 19	0 6	15 49	2 17	15 46	0 21	14 8	1 52	23 7	13 17	1 1	0 31	6 58	16 48	6 6
T 21	21 36	17 28	4 42	23 28	1 12	24 33	1 4	24 32	1 1	23 19	0 5	15 48	2 17	15 45	0 21	14 7	1 52	23 7	13 18	0 57	0 30	7 0	16 48	6 5
W22	21 45	18 25	5 1	23 53	1 20	24 37	1 6	24 33	1 1	23 19	0 5	15 47	2 17	15 45	0 21	14 7	1 52	23 8	13 18	0 53	0 28	7 1	16 48	6 5
T 23	21 54	18 11	5 1	24 15	1 27	24 40	1 8	24 33	1 2	23 20	0 5	15 46	2 17	15 44	0 21	14 6	1 52	23 8	13 18	0 49	0 27	7 3	16 47	6 5
F 24	22 3	16 52	4 43	24 34	1 34	24 42	1 10	24 33	1 2	23 20	0 5	15 45	2 17	15 43	0 21	14 6	1 52	23 8	13 19	0 46	0 26	7 5	16 47	6 4
S 25	22 11	14 39	4 10	24 50	1 40	24 43	1 12	24 33	1 2	23 21	0 5	15 44	2 17	15 43	0 21	14 6	1 52	23 9	13 19	0 43	0 25	7 7	16 47	6 4
S 26	22 19	11 47	3 25	25 3	1 45	24 44	1 14	24 32	1 2	23 21	0 5	15 43	2 16	15 42	0 21	14 5	1 52	23 9	13 19	0 41	0 23	7 8	16 46	6 4
M27	22 26	8 26	2 31	25 14	1 49	24 43	1 15	24 32	1 2	23 21	0 5	15 42	2 16	15 41	0 21	14 5	1 52	23 9	13 20	0 41	0 22	7 10	16 46	6 4
T 28	22 33	4 49	1 32	25 22	1 53	24 43	1 17	24 31	1 3	23 22	0 5	15 41	2 16	15 41	0 21	14 4	1 52	23 10	13 20	0 40	0 21	7 12	16 46	6 3
W29	22 40	1 4	0 29	25 27	1 56	24 41	1 19	24 30	1 3	23 22	0 4	15 41	2 16	15 40	0 21	14 4	1 52	23 10	13 21	0 40	0 19	7 13	16 45	6 3
T 30	22 46	2s41	0n34	25 30	1 58	24 39	1 21	24 29	1 3	23 22	0 4	15 40	2 16	15 40	0 21	14 4	1 52	23 10	13 21	0 40	0 18	7 15	16 45	6 3
F 31	22n52	6s20	1n35	25n30	2n 0	24n36	1n22	24n28	1n 3	23s23	0n 4	15s39	2n16	15s39	0n21	14s 3	1n51	23s11	13s21	0s40	0s17	7s17	16n44	6s 3

Julian Day Number = 2198925.5, Delta T = 10m11s
Ecliptic obliquity = 23°31'35, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°05'37, Lahiri = 14°12'37 Julian Calendar 1 May 1308 == Greg. Calendar 9 May 1308

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ASTRODIENST EPHEMERIS for the year 1308
geocentric

JUNE 1308 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	17 9 11	17♊44'56	1♏41	4♋ 6	10♋ 6	6♋15	4°R23	20°R 1	13°R35	13°R 5	2°R 5	1°R36	0♎39	23♎32	14♋27	S 1
S 2	17 13 7	18°42'08	13°37	5°56	11°19	6°54	4♑16	19♏58	13♏33	13♏ 3	2♓ 5	1♎30	0°36	23°39	14°33	S 2
M 3	17 17 4	19°39'20	25°41	7°43	12°32	7°33	4° 9	19°54	13°31	13° 2	2° 5	1°22	0°33	23°45	14°40	M 3
T 4	17 21 0	20°36'31	7♐57	9°28	13°45	8°11	4° 1	19°50	13°29	13° 1	2° 4	1°11	0°30	23°52	14°46	T 4
W 5	17 24 57	21°33'42	20°26	11°11	14°57	8°50	3°54	19°47	13°27	13° 0	2° 4	0°58	0°27	23°59	14°52	W 5
T 6	17 28 53	22°30'52	3♑ 8	12°51	16°10	9°28	3°47	19°44	13°25	12°59	2° 4	0°46	0°23	24° 5	14°59	T 6
F 7	17 32 50	23°28'02	16° 3	14°29	17°23	10° 7	3°39	19°40	13°24	12°57	2° 4	0°34	0°20	24°12	15° 5	F 7
S 8	17 36 46	24°25'12	29°10	16° 5	18°36	10°46	3°32	19°37	13°22	12°56	2° 3	0°23	0°17	24°19	15°12	S 8
S 9	17 40 43	25°22'22	12♒28	17°39	19°49	11°24	3°24	19°34	13°20	12°55	2° 3	0°16	0°14	24°25	15°18	S 9
M10	17 44 40	26°19'32	25°57	19°10	21° 1	12° 3	3°17	19°31	13°19	12°54	2° 3	0°11	0°11	24°32	15°25	M10
T 11	17 48 36	27°16'42	9♓37	20°39	22°14	12°41	3° 9	19°28	13°17	12°53	2° 2	0° 9	0° 8	24°39	15°31	T 11
W12	17 52 33	28°13'52	23°28	22° 5	23°27	13°20	3° 2	19°25	13°16	12°52	2° 2	0° 8	0° 4	24°45	15°38	W12
T 13	17 56 29	29°11'02	7♈31	23°29	24°40	13°58	2°54	19°22	13°14	12°51	2° 1	0° 8	0° 1	24°52	15°45	T 13
F 14	18 0 26	0♉ 8'13	21°43	24°50	25°52	14°37	2°46	19°19	13°13	12°50	2° 1	0° 7	29♍58	24°59	15°51	F 14
S 15	18 4 22	1° 5'24	6♉ 6	26° 9	27° 5	15°15	2°39	19°16	13°11	12°49	2° 0	0° 5	29°55	25° 5	15°58	S 15
S 16	18 8 19	2° 2'35	20°35	27°26	28°17	15°54	2°31	19°13	13°10	12°48	2° 0	29♍59	29°52	25°12	16° 5	S 16
M17	18 12 15	2°59'46	5♊ 5	28°39	29°30	16°32	2°23	19°11	13° 9	12°47	1°59	29°51	29°48	25°19	16°11	M17
T 18	18 16 12	3°56'58	19°32	29°51	0♌43	17°11	2°15	19° 8	13° 7	12°46	1°59	29°41	29°45	25°25	16°18	T 18
W19	18 20 9	4°54'10	3♋48	0♌59	1°55	17°49	2° 8	19° 6	13° 6	12°46	1°58	29°30	29°42	25°32	16°25	W19
T 20	18 24 5	5°51'22	17°47	2° 5	3° 8	18°27	2° 0	19° 4	13° 5	12°45	1°58	29°18	29°39	25°39	16°31	T 20
F 21	18 28 2	6°48'34	1♌25	3° 8	4°20	19° 6	1°52	19° 1	13° 4	12°44	1°57	29° 8	29°36	25°45	16°38	F 21
S 22	18 31 58	7°45'46	14°41	4° 7	5°33	19°44	1°45	18°59	13° 3	12°43	1°56	28°59	29°33	25°52	16°45	S 22
S 23	18 35 55	8°42'58	27°32	5° 4	6°45	20°23	1°37	18°57	13° 2	12°42	1°56	28°54	29°29	25°59	16°52	S 23
M24	18 39 51	9°40'11	10♍ 3	5°58	7°57	21° 1	1°30	18°55	13° 1	12°42	1°55	28°51	29°26	26° 5	16°59	M24
T 25	18 43 48	10°37'23	22°16	6°48	9°10	21°39	1°22	18°53	13° 0	12°41	1°54	28°49	29°23	26°12	17° 5	T 25
W26	18 47 44	11°34'35	4♎15	7°35	10°22	22°18	1°14	18°51	12°59	12°40	1°54	28°D49	29°20	26°18	17°12	W26
T 27	18 51 41	12°31'48	16° 7	8°18	11°34	22°56	1° 7	18°49	12°58	12°40	1°53	28°R49	29°17	26°25	17°19	T 27
F 28	18 55 38	13°29'00	27°56	8°57	12°47	23°35	1° 0	18°48	12°57	12°39	1°52	28°48	29°14	26°32	17°26	F 28
S 29	18 59 34	14°26'13	9♏48	9°33	13°59	24°13	0°52	18°46	12°56	12°39	1°52	28°46	29°10	26°38	17°33	S 29
S 30	19 3 31	15♋23'26	21♏47	10♌ 5	15♌11	24♋51	0♑45	18♏45	12♏55	12♏38	1♓51	28♍41	29♍ 7	26♎45	17♋40	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n58	9s43	2n32	25n28	2n 1	24n32	1n24	24n26	1n 3	23s23	0n 4	15s38	2n16	15s39	0n21	14s 3	1n51	23s11	13s22	0s38	0s16	7s18	16n44	6s 3
S 2	23 3	12 45	3 23	25 24	2 1	24 27	1 25	24 24	1 4	23 24	0 4	15 37	2 15	15 38	0 21	14 3	1 51	23 11	13 22	0 36	0 14	7 20	16 43	6 2
M 3	23 7	15 17	4 5	25 18	2 0	24 22	1 26	24 22	1 4	23 24	0 4	15 36	2 15	15 37	0 21	14 2	1 51	23 12	13 22	0 33	0 13	7 22	16 43	6 2
T 4	23 12	17 10	4 37	25 10	1 59	24 16	1 28	24 20	1 4	23 24	0 4	15 36	2 15	15 37	0 21	14 2	1 51	23 12	13 23	0 28	0 12	7 24	16 43	6 2
W 5	23 15	18 16	4 56	24 59	1 57	24 10	1 29	24 18	1 4	23 25	0 3	15 35	2 15	15 36	0 21	14 2	1 51	23 13	13 23	0 23	0 11	7 25	16 42	6 2
T 6	23 19	18 29	5 0	24 48	1 54	24 2	1 30	24 15	1 4	23 25	0 3	15 34	2 15	15 36	0 21	14 1	1 51	23 13	13 23	0 18	0 9	7 27	16 41	6 2
F 7	23 22	17 46	4 50	24 34	1 51	23 54	1 32	24 13	1 4	23 25	0 3	15 33	2 14	15 35	0 21	14 1	1 51	23 14	13 24	0 13	0 8	7 29	16 41	6 1
S 8	23 24	16 5	4 24	24 19	1 47	23 46	1 33	24 10	1 5	23 26	0 3	15 33	2 14	15 35	0 21	14 1	1 51	23 14	13 24	0 9	0 7	7 30	16 40	6 1
S 9	23 27	13 33	3 44	24 3	1 42	23 36	1 34	24 7	1 5	23 26	0 3	15 32	2 14	15 34	0 21	14 0	1 51	23 14	13 24	0 6	0 6	7 32	16 40	6 1
M10	23 29	10 14	2 50	23 45	1 37	23 26	1 35	24 3	1 5	23 26	0 3	15 31	2 14	15 34	0 20	14 0	1 51	23 15	13 25	0 4	0 4	7 34	16 39	6 1
T 11	23 30	6 21	1 46	23 26	1 31	23 15	1 36	24 0	1 5	23 27	0 3	15 31	2 14	15 34	0 20	14 0	1 51	23 15	13 25	0 3	0 3	7 35	16 39	6 1
W12	23 31	2 4	0 35	23 6	1 25	23 4	1 36	23 56	1 5	23 27	0 2	15 30	2 14	15 33	0 20	14 0	1 51	23 16	13 25	0 3	0 2	7 37	16 38	6 1
T 13	23 31	2n24	0s39	22 45	1 18	22 52	1 37	23 52	1 5	23 27	0 2	15 30	2 13	15 33	0 20	13 59	1 51	23 16	13 26	0 3	0 0	7 39	16 37	6 1
F 14	23 32	6 46	1 52	22 23	1 10	22 39	1 38	23 48	1 6	23 28	0 2	15 29	2 13	15 32	0 20	13 59	1 51	23 17	13 26	0 3	0n 1	7 40	16 37	6 0
S 15	23 31	10 48	2 58	22 1	1 2	22 26	1 39	23 44	1 6	23 28	0 2	15 29	2 13	15 32	0 20	13 59	1 51	23 17	13 26	0 2	0 2	7 42	16 36	6 0
S 16	23 31	14 13	3 53	21 37	0 53	22 12	1 39	23 40	1 6	23 28	0 2	15 28	2 13	15 31	0 20	13 59	1 51	23 18	13 27	0n 0	0 3	7 44	16 36	6 0
M17	23 30	16 44	4 34	21 14	0 44	21 57	1 40	23 35	1 6	23 29	0 2	15 27	2 12	15 31	0 20	13 58	1 51	23 18	13 27	0 3	0 5	7 46	16 35	6 0
T 18	23 28	18 11	4 56	20 49	0 35	21 42	1 40	23 31	1 6	23 29	0 2	15 27	2 12	15 31	0 20	13 58	1 51	23 19	13 27	0 8	0 6	7 47	16 34	6 0
W19	23 26	18 28	5 0	20 25	0 25	21 26	1 40	23 26	1 6	23 29	0 1	15 27	2 12	15 30	0 20	13 58	1 51	23 19	13 28	0 12	0 7	7 49	16 33	6 0
T 20	23 24	17 37	4 46	20 0	0 14	21 10	1 41	23 21	1 6	23 29	0 1	15 26	2 12	15 30	0 20	13 58	1 51	23 20	13 28	0 17	0 8	7 51	16 33	6 0
F 21	23 21	15 46	4 15	19 35	0 3	20 53	1 41	23 15	1 7	23 30	0 1	15 26	2 12	15 30	0 20	13 58	1 51	23 20	13 28	0 21	0 10	7 52	16 32	6 0
S 22	23 18	13 7	3 31	19 10	0s 8	20 35	1 41	23 10	1 7	23 30	0 1	15 25	2 11	15 29	0 20	13 57	1 50	23 21	13 29	0 24	0 11	7 54	16 31	6 0
S 23	23 14	9 54	2 38	18 45	0 20	20 17	1 41	23 4	1 7	23 30	0 1	15 25	2 11	15 29	0 20	13 57	1 50	23 21	13 29	0 26	0 12	7 56	16 30	6 0
M24	23 10	6 19	1 38	18 20	0 32	19 58	1 41	22 59	1 7	23 30	0 1	15 25	2 11	15 29	0 20	13 57	1 50	23 22	13 29	0 28	0 13	7 57	16 30	6 0
T 25	23 6	2 33	0 35	17 56	0 44	19 39	1 41	22 53	1 7	23 31	0 1	15 24	2 11	15 29	0 20	13 57	1 50	23 22	13 29	0 28	0 15	7 59	16 29	6 0
W26	23 1	1s15	0n29	17 31	0 57	19 19	1 41	22 47	1 7	23 31	0 0	15 24	2 10	15 28	0 20	13 57	1 50	23 23	13 30	0 28	0 16	8 1	16 28	6 0
T 27	22 56	4 58	1 31	17 8	1 10	18 59	1 40	22 40	1 7	23 31	0 0	15 24	2 10	15 28	0 20	13 57	1 50	23 23	13 30	0 28	0 17	8 2	16 27	6 0
F 28	22 50	8 28	2 28	16 45	1 23	18 38	1 40	22 34	1 7	23 31	0 0	15 24	2 10	15 28	0 20	13 57	1 50	23 24	13 30	0 29	0 19	8 4	16 26	6 0
S 29	22 44	11 39	3 20	16 22	1 37	18 17	1 40	22 27	1 7	23 31	0s 0	15 23	2 10	15 28	0 20	13 56	1 50	23 24	13 31	0 30	0 20	8 6	16 26	6 0
S 30	22n38	14s22	4n 3	16n 1	1s50	17n55	1n39	22n21	1n 8	23s32	0s 0	15s23	2n10	15s27	0n20	13s56	1n50	23s25	13s31	0n32	0n21	8s 7	16n25	6s 0

Julian Day Number = 2198956.5, Delta T = 10m11s
Ecliptic obliquity = 23°31'35, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°05'41, Lahiri = 14°12'42 Julian Calendar 1 June 1308 == Greg. Calendar 9 June 1308

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ASTRODIENST EPHEMERIS for the year 1308
geocentric

JULY 1308 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	19 7 27	16♋20'39	3♐58	10♌32	16♌23	25♋29	0°R38	18°R43	12°R55	12°R37	1°R50	28°R33	29♍ 4	26♎52	17♋46	M 1
T 2	19 11 24	17°17'53	16°24	10°55	17°35	26° 8	0♑31	18♏42	12♏54	12♏37	1♓49	28♍24	29° 1	26°58	17°53	T 2
W 3	19 15 20	18°15'07	29° 6	11°14	18°48	26°46	0°24	18°41	12°54	12°37	1°48	28°13	28°58	27° 5	18° 0	W 3
T 4	19 19 17	19°12'21	12♑ 5	11°28	20° 0	27°24	0°17	18°40	12°53	12°36	1°47	28° 1	28°54	27°12	18° 7	T 4
F 5	19 23 14	20° 9'37	25°20	11°37	21°12	28° 3	0°10	18°39	12°53	12°36	1°47	27°50	28°51	27°18	18°14	F 5
S 6	19 27 10	21° 6'52	8♒50	11°R41	22°24	28°41	0° 3	18°38	12°52	12°35	1°46	27°41	28°48	27°25	18°21	S 6
S 7	19 31 7	22° 4'09	22°31	11°40	23°36	29°19	29♐57	18°37	12°52	12°35	1°45	27°34	28°45	27°32	18°28	S 7
M 8	19 35 3	23° 1'26	6♓22	11°35	24°47	29°57	29°50	18°36	12°51	12°35	1°44	27°30	28°42	27°38	18°34	M 8
T 9	19 39 0	23°58'44	20°19	11°24	25°59	0♌36	29°44	18°35	12°51	12°34	1°43	27°29	28°39	27°45	18°41	T 9
W10	19 42 56	24°56'04	4♈22	11° 8	27°11	1°14	29°37	18°35	12°51	12°34	1°42	27°D28	28°35	27°52	18°48	W10
T 11	19 46 53	25°53'24	18°28	10°48	28°23	1°52	29°31	18°34	12°51	12°34	1°41	27°29	28°32	27°58	18°55	T 11
F 12	19 50 49	26°50'46	2♉37	10°22	29°35	2°30	29°25	18°34	12°51	12°34	1°40	27°R29	28°29	28° 5	19° 2	F 12
S 13	19 54 46	27°48'08	16°47	9°52	0♍46	3° 9	29°19	18°34	12°50	12°34	1°39	27°28	28°26	28°12	19° 9	S 13
S 14	19 58 42	28°45'32	0♊57	9°18	1°58	3°47	29°13	18°34	12°D50	12°34	1°38	27°24	28°23	28°18	19°16	S 14
M15	20 2 39	29°42'58	15° 3	8°40	3°10	4°25	29° 7	18°D34	12°50	12°34	1°37	27°18	28°20	28°25	19°22	M15
T 16	20 6 36	0♌40'24	29° 4	7°59	4°21	5° 3	29° 2	18°34	12°51	12°33	1°36	27°10	28°16	28°32	19°29	T 16
W17	20 10 32	1°37'52	12♋54	7°15	5°33	5°42	28°56	18°34	12°51	12°D33	1°35	27° 1	28°13	28°38	19°36	W17
T 18	20 14 29	2°35'20	26°31	6°30	6°44	6°20	28°51	18°34	12°51	12°33	1°34	26°52	28°10	28°45	19°43	T 18
F 19	20 18 25	3°32'50	9♌51	5°43	7°56	6°58	28°46	18°34	12°51	12°34	1°33	26°44	28° 7	28°52	19°50	F 19
S 20	20 22 22	4°30'21	22°52	4°56	9° 7	7°36	28°41	18°35	12°51	12°34	1°32	26°38	28° 4	28°58	19°56	S 20
S 21	20 26 18	5°27'52	5♍35	4° 9	10°19	8°14	28°36	18°35	12°52	12°34	1°31	26°33	28° 0	29° 5	20° 3	S 21
M22	20 30 15	6°25'25	18° 0	3°24	11°30	8°53	28°31	18°36	12°52	12°34	1°30	26°31	27°57	29°12	20°10	M22
T 23	20 34 12	7°22'58	0♎10	2°41	12°41	9°31	28°27	18°36	12°53	12°34	1°28	26°D31	27°54	29°18	20°16	T 23
W24	20 38 8	8°20'33	12° 9	2° 1	13°53	10° 9	28°23	18°37	12°53	12°34	1°27	26°32	27°51	29°25	20°23	W24
T 25	20 42 5	9°18'08	24° 1	1°25	15° 4	10°47	28°18	18°38	12°54	12°35	1°26	26°33	27°48	29°32	20°30	T 25
F 26	20 46 1	10°15'45	5♏50	0°54	16°15	11°25	28°14	18°39	12°54	12°35	1°25	26°R34	27°45	29°38	20°37	F 26
S 27	20 49 58	11°13'22	17°43	0°28	17°26	12° 4	28°10	18°40	12°55	12°35	1°24	26°34	27°41	29°45	20°43	S 27
S 28	20 53 54	12°11'01	29°44	0° 9	18°37	12°42	28° 7	18°41	12°56	12°35	1°23	26°32	27°38	29°52	20°50	S 28
M29	20 57 51	13° 8'41	11♐57	29♋56	19°48	13°20	28° 3	18°43	12°56	12°36	1°21	26°29	27°35	29°58	20°56	M29
T 30	21 1 47	14° 6'21	24°28	29°D50	20°59	13°58	28° 0	18°44	12°57	12°36	1°20	26°23	27°32	0♏ 5	21° 3	T 30
W31	21 5 44	15♌ 4'03	7♑18	29♋51	22♍10	14♌36	27♐57	18♏46	12♏58	12♏37	1♓19	26♍17	27♍29	0♏12	21♋ 9	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	22n31	16s31	4n35	15n40	2s 4	17n33	1n38	22n14	1n 8	23s32	0s 0	15s23	2n 9	15s27	0n20	13s56	1n50	23s26	13s31	0n35	0n22	8s 9	16n24	6s 0
T 2	22 24	17 55	4 56	15 20	2 18	17 10	1 38	22 7	1 8	23 32	0 0	15 23	2 9	15 27	0 20	13 56	1 50	23 26	13 31	0 38	0 24	8 11	16 23	6 0
W 3	22 17	18 29	5 2	15 2	2 32	16 47	1 37	21 59	1 8	23 32	0 1	15 23	2 9	15 27	0 20	13 56	1 50	23 27	13 32	0 43	0 25	8 12	16 22	6 0
T 4	22 9	18 6	4 53	14 45	2 46	16 23	1 36	21 52	1 8	23 32	0 1	15 23	2 9	15 27	0 20	13 56	1 50	23 27	13 32	0 47	0 26	8 14	16 21	6 0
F 5	22 0	16 45	4 29	14 29	3 0	15 59	1 35	21 44	1 8	23 32	0 1	15 23	2 8	15 27	0 20	13 56	1 50	23 28	13 32	0 52	0 27	8 16	16 20	6 0
S 6	21 52	14 26	3 49	14 15	3 13	15 35	1 34	21 37	1 8	23 33	0 1	15 23	2 8	15 27	0 20	13 56	1 50	23 28	13 32	0 55	0 29	8 17	16 19	6 0
S 7	21 43	11 18	2 55	14 3	3 26	15 10	1 33	21 29	1 8	23 33	0 1	15 23	2 8	15 26	0 20	13 56	1 50	23 29	13 33	0 58	0 30	8 19	16 18	6 0
M 8	21 33	7 30	1 50	13 52	3 39	14 45	1 32	21 21	1 8	23 33	0 1	15 23	2 8	15 26	0 20	13 56	1 50	23 29	13 33	1 0	0 31	8 21	16 17	6 0
T 9	21 23	3 16	0 38	13 43	3 51	14 20	1 31	21 12	1 8	23 33	0 1	15 23	2 7	15 26	0 20	13 56	1 49	23 30	13 33	1 0	0 33	8 22	16 16	6 0
W10	21 13	1n11	0s37	13 37	4 2	13 54	1 30	21 4	1 8	23 33	0 2	15 23	2 7	15 26	0 20	13 56	1 49	23 31	13 33	1 0	0 34	8 24	16 15	6 0
T 11	21 3	5 34	1 50	13 32	4 13	13 27	1 28	20 56	1 8	23 33	0 2	15 23	2 7	15 26	0 20	13 56	1 49	23 31	13 34	1 0	0 35	8 26	16 14	6 0
F 12	20 52	9 40	2 56	13 30	4 22	13 1	1 27	20 47	1 8	23 33	0 2	15 23	2 7	15 26	0 20	13 56	1 49	23 32	13 34	1 0	0 36	8 27	16 13	6 0
S 13	20 41	13 12	3 52	13 29	4 31	12 34	1 25	20 38	1 9	23 33	0 2	15 23	2 6	15 26	0 20	13 56	1 49	23 32	13 34	1 1	0 38	8 29	16 12	6 0
S 14	20 29	15 57	4 34	13 31	4 38	12 7	1 23	20 29	1 9	23 34	0 2	15 23	2 6	15 26	0 20	13 56	1 49	23 33	13 34	1 2	0 39	8 30	16 11	6 0
M15	20 17	17 44	4 58	13 35	4 44	11 39	1 22	20 20	1 9	23 34	0 2	15 24	2 6	15 26	0 20	13 56	1 49	23 33	13 35	1 5	0 40	8 32	16 10	6 1
T 16	20 5	18 26	5 5	13 41	4 48	11 11	1 20	20 11	1 9	23 34	0 2	15 24	2 6	15 26	0 20	13 56	1 49	23 34	13 35	1 8	0 41	8 34	16 9	6 1
W17	19 52	18 1	4 54	13 50	4 51	10 43	1 18	20 2	1 9	23 34	0 3	15 24	2 5	15 26	0 20	13 56	1 49	23 35	13 35	1 11	0 43	8 35	16 8	6 1
T 18	19 39	16 34	4 26	14 0	4 52	10 15	1 16	19 52	1 9	23 34	0 3	15 25	2 5	15 26	0 20	13 56	1 49	23 35	13 35	1 15	0 44	8 37	16 7	6 1
F 19	19 26	14 15	3 44	14 12	4 51	9 46	1 14	19 42	1 9	23 34	0 3	15 25	2 5	15 27	0 20	13 56	1 49	23 36	13 35	1 18	0 45	8 39	16 6	6 1
S 20	19 12	11 15	2 51	14 26	4 49	9 17	1 12	19 33	1 9	23 34	0 3	15 25	2 5	15 27	0 19	13 56	1 49	23 36	13 36	1 21	0 46	8 40	16 5	6 1
S 21	18 58	7 47	1 50	14 41	4 44	8 48	1 10	19 23	1 9	23 34	0 3	15 26	2 4	15 27	0 19	13 56	1 49	23 37	13 36	1 22	0 48	8 42	16 4	6 1
M22	18 44	4 3	0 46	14 58	4 38	8 19	1 8	19 13	1 9	23 34	0 3	15 26	2 4	15 27	0 19	13 56	1 49	23 38	13 36	1 23	0 49	8 44	16 3	6 2
T 23	18 30	0 14	0n20	15 15	4 30	7 50	1 5	19 3	1 9	23 34	0 3	15 26	2 4	15 27	0 19	13 56	1 49	23 38	13 36	1 23	0 50	8 45	16 1	6 2
W24	18 15	3s32	1 24	15 34	4 20	7 20	1 3	18 52	1 9	23 34	0 4	15 27	2 4	15 27	0 19	13 57	1 49	23 39	13 36	1 23	0 52	8 47	16 0	6 2
T 25	18 0	7 8	2 23	15 52	4 9	6 50	1 0	18 42	1 9	23 35	0 4	15 27	2 3	15 27	0 19	13 57	1 49	23 39	13 36	1 23	0 53	8 49	15 59	6 2
F 26	17 44	10 25	3 17	16 11	3 56	6 20	0 58	18 31	1 9	23 35	0 4	15 28	2 3	15 28	0 19	13 57	1 48	23 40	13 37	1 22	0 54	8 50	15 58	6 2
S 27	17 28	13 18	4 2	16 30	3 42	5 50	0 55	18 21	1 9	23 35	0 4	15 28	2 3	15 28	0 19	13 57	1 48	23 40	13 37	1 22	0 55	8 52	15 57	6 3
S 28	17 12	15 39	4 37	16 49	3 27	5 19	0 52	18 10	1 9	23 35	0 4	15 29	2 3	15 28	0 19	13 57	1 48	23 41	13 37	1 23	0 57	8 53	15 56	6 3
M29	16 56	17 21	5 0	17 7	3 11	4 49	0 50	17 59	1 9	23 35	0 4	15 30	2 2	15 28	0 19	13 57	1 48	23 42	13 37	1 24	0 58	8 55	15 54	6 3
T 30	16 39	18 15	5 10	17 25	2 55	4 18	0 47	17 48	1 9	23 35	0 4	15 30	2 2	15 29	0 19	13 58	1 48	23 42	13 37	1 26	0 59	8 57	15 53	6 3
W31	16n23	18s16	5n 4	17n41	2s38	3n48	0n44	17n37	1n 9	23s35	0s 4	15s31	2n 2	15s29	0n19	13s58	1n48	23s43	13s37	1n29	1n 0	8s58	15n52	6s 4

Julian Day Number = 2198986.5, Delta T = 10m11s
Ecliptic obliquity = 23°31'35, Nutation = 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°05'45, Lahiri = 14°12'46 Julian Calendar 1 July 1308 == Greg. Calendar 9 July 1308

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ASTRODIENST EPHEMERIS for the year 1308
geocentric

AUGUST 1308 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	21 9 40	16♌ 1'46	20♉29	29♋59	23♍20	15♌15	27°R54	18♏47	12♏59	12♏37	1°R18	26°R10	27♍25	0♏18	21♋16	T 1
F 2	21 13 37	16°59'31	4♒ 0	0♌15	24°31	15°53	27♐51	18°49	13° 0	12°38	1♓17	26♍ 4	27°22	0°25	21°22	F 2
S 3	21 17 34	17°57'17	17°51	0°39	25°42	16°31	27°48	18°51	13° 1	12°38	1°15	25°59	27°19	0°32	21°29	S 3
S 4	21 21 30	18°55'04	1♓56	1°10	26°52	17° 9	27°46	18°52	13° 2	12°39	1°14	25°55	27°16	0°38	21°35	S 4
M 5	21 25 27	19°52'52	16°12	1°49	28° 3	17°47	27°44	18°54	13° 3	12°39	1°13	25°53	27°13	0°45	21°42	M 5
T 6	21 29 23	20°50'43	0♈35	2°35	29°13	18°25	27°42	18°56	13° 4	12°40	1°12	25°D53	27°10	0°52	21°48	T 6
W 7	21 33 20	21°48'35	14°59	3°29	0♎24	19° 4	27°40	18°58	13° 5	12°41	1°11	25°54	27° 6	0°58	21°54	W 7
T 8	21 37 16	22°46'29	29°20	4°29	1°34	19°42	27°38	19° 1	13° 7	12°41	1° 9	25°55	27° 3	1° 5	22° 1	T 8
F 9	21 41 13	23°44'24	13♉36	5°36	2°44	20°20	27°36	19° 3	13° 8	12°42	1° 8	25°56	27° 0	1°12	22° 7	F 9
S 10	21 45 9	24°42'22	27°45	6°49	3°55	20°58	27°35	19° 5	13° 9	12°43	1° 7	25°R57	26°57	1°18	22°13	S 10
S 11	21 49 6	25°40'22	11♊45	8° 9	5° 5	21°36	27°34	19° 8	13°11	12°44	1° 6	25°56	26°54	1°25	22°20	S 11
M12	21 53 3	26°38'23	25°34	9°33	6°15	22°15	27°33	19°10	13°12	12°44	1° 4	25°53	26°51	1°32	22°26	M12
T 13	21 56 59	27°36'27	9♋11	11° 3	7°25	22°53	27°32	19°13	13°14	12°45	1° 3	25°50	26°47	1°38	22°32	T 13
W14	22 0 56	28°34'33	22°36	12°38	8°35	23°31	27°32	19°16	13°15	12°46	1° 2	25°46	26°44	1°45	22°38	W14
T 15	22 4 52	29°32'40	5♌47	14°16	9°45	24° 9	27°31	19°19	13°17	12°47	1° 0	25°42	26°41	1°52	22°44	T 15
F 16	22 8 49	0♍30'49	18°45	15°58	10°54	24°48	27°D31	19°22	13°19	12°48	0°59	25°38	26°38	1°58	22°50	F 16
S 17	22 12 45	1°29'00	1♍27	17°43	12° 4	25°26	27°31	19°25	13°20	12°49	0°58	25°35	26°35	2° 5	22°56	S 17
S 18	22 16 42	2°27'13	13°56	19°31	13°14	26° 4	27°31	19°28	13°22	12°50	0°57	25°34	26°31	2°12	23° 2	S 18
M19	22 20 38	3°25'27	26°12	21°20	14°23	26°42	27°32	19°31	13°24	12°51	0°55	25°D33	26°28	2°18	23° 8	M19
T 20	22 24 35	4°23'43	8♎16	23°12	15°33	27°20	27°32	19°34	13°26	12°52	0°54	25°34	26°25	2°25	23°14	T 20
W21	22 28 32	5°22'01	20°11	25° 5	16°42	27°59	27°33	19°37	13°27	12°53	0°53	25°35	26°22	2°32	23°19	W21
T 22	22 32 28	6°20'20	2♏ 2	26°58	17°52	28°37	27°34	19°41	13°29	12°54	0°52	25°36	26°19	2°38	23°25	T 22
F 23	22 36 25	7°18'41	13°51	28°52	19° 1	29°15	27°35	19°44	13°31	12°55	0°50	25°38	26°16	2°45	23°31	F 23
S 24	22 40 21	8°17'04	25°43	0♍47	20°10	29°53	27°37	19°48	13°33	12°57	0°49	25°39	26°12	2°52	23°36	S 24
S 25	22 44 18	9°15'28	7♐42	2°41	21°19	0♍32	27°38	19°52	13°35	12°58	0°48	25°R39	26° 9	2°59	23°42	S 25
M26	22 48 14	10°13'54	19°55	4°36	22°28	1°10	27°40	19°55	13°38	12°59	0°47	25°39	26° 6	3° 5	23°48	M26
T 27	22 52 11	11°12'21	2♑24	6°30	23°37	1°48	27°42	19°59	13°40	13° 0	0°45	25°38	26° 3	3°12	23°53	T 27
W28	22 56 7	12°10'51	15°14	8°24	24°46	2°26	27°44	20° 3	13°42	13° 2	0°44	25°37	26° 0	3°19	23°58	W28
T 29	23 0 4	13° 9'22	28°28	10°17	25°54	3° 5	27°46	20° 7	13°44	13° 3	0°43	25°35	25°57	3°25	24° 4	T 29
F 30	23 4 1	14° 7'54	12♒ 6	12° 9	27° 3	3°43	27°49	20°11	13°46	13° 4	0°42	25°34	25°53	3°32	24° 9	F 30
S 31	23 7 57	15♍ 6'29	26♒ 8	14♍ 0	28♎11	4♍21	27♐51	20♏15	13♏49	13♏ 6	0♓41	25♍32	25♍50	3♏39	24♋14	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	16n 5	17s18	4n43	17n56	2s21	3n17	0n41	17n25	1n 9	23s35	0s 5	15s32	2n 2	15s29	0n19	13s58	1n48	23s43	13s38	1n32	1n 2	9s 0	15n51	6s 4
F 2	15 48	15 21	4 5	18 10	2 3	2 46	0 38	17 14	1 9	23 35	0 5	15 32	2 1	15 30	0 19	13 58	1 48	23 44	13 38	1 34	1 3	9 2	15 50	6 4
S 3	15 30	12 29	3 12	18 22	1 46	2 15	0 35	17 3	1 9	23 35	0 5	15 33	2 1	15 30	0 19	13 58	1 48	23 44	13 38	1 36	1 4	9 3	15 48	6 4
S 4	15 12	8 51	2 7	18 32	1 28	1 44	0 32	16 51	1 9	23 35	0 5	15 34	2 1	15 30	0 19	13 59	1 48	23 45	13 38	1 38	1 5	9 5	15 47	6 5
M 5	14 54	4 39	0 53	18 40	1 11	1 13	0 28	16 39	1 9	23 35	0 5	15 34	2 1	15 31	0 19	13 59	1 48	23 46	13 38	1 38	1 7	9 6	15 46	6 5
T 6	14 36	0 10	0s26	18 46	0 54	0 42	0 25	16 27	1 9	23 36	0 5	15 35	2 0	15 31	0 19	13 59	1 48	23 46	13 38	1 39	1 8	9 8	15 45	6 5
W 7	14 17	4n21	1 43	18 50	0 38	0 11	0 22	16 15	1 9	23 36	0 5	15 36	2 0	15 31	0 19	13 59	1 48	23 47	13 38	1 38	1 9	9 10	15 43	6 5
T 8	13 58	8 35	2 53	18 51	0 22	0s21	0 18	16 3	1 9	23 36	0 5	15 37	2 0	15 32	0 19	14 0	1 48	23 47	13 38	1 38	1 11	9 11	15 42	6 6
F 9	13 39	12 18	3 52	18 49	0 7	0 52	0 15	15 51	1 9	23 36	0 6	15 38	2 0	15 32	0 19	14 0	1 48	23 48	13 38	1 37	1 12	9 13	15 41	6 6
S 10	13 20	15 15	4 36	18 45	0n 7	1 23	0 11	15 39	1 9	23 36	0 6	15 39	1 59	15 33	0 19	14 0	1 48	23 48	13 38	1 37	1 13	9 15	15 39	6 6
S 11	13 1	17 16	5 4	18 37	0 20	1 54	0 8	15 27	1 9	23 36	0 6	15 40	1 59	15 33	0 19	14 0	1 47	23 49	13 38	1 37	1 14	9 16	15 38	6 7
M12	12 41	18 14	5 13	18 27	0 33	2 25	0 4	15 14	1 9	23 36	0 6	15 40	1 59	15 34	0 19	14 1	1 47	23 49	13 39	1 38	1 16	9 18	15 37	6 7
T 13	12 21	18 8	5 5	18 14	0 44	2 57	0 1	15 2	1 9	23 36	0 6	15 41	1 59	15 34	0 19	14 1	1 47	23 50	13 39	1 40	1 17	9 19	15 36	6 7
W14	12 1	17 1	4 40	17 58	0 55	3 28	0s 3	14 49	1 9	23 36	0 6	15 42	1 58	15 35	0 19	14 1	1 47	23 50	13 39	1 41	1 18	9 21	15 34	6 8
T 15	11 40	15 1	4 0	17 38	1 5	3 59	0 7	14 36	1 9	23 36	0 6	15 43	1 58	15 35	0 19	14 2	1 47	23 51	13 39	1 43	1 19	9 23	15 33	6 8
F 16	11 20	12 16	3 9	17 16	1 13	4 30	0 11	14 23	1 9	23 37	0 6	15 44	1 58	15 36	0 19	14 2	1 47	23 51	13 39	1 44	1 21	9 24	15 32	6 8
S 17	10 59	8 59	2 9	16 52	1 21	5 1	0 15	14 10	1 9	23 37	0 6	15 45	1 58	15 36	0 19	14 2	1 47	23 52	13 39	1 46	1 22	9 26	15 30	6 9
S 18	10 38	5 22	1 4	16 24	1 28	5 31	0 18	13 57	1 9	23 37	0 7	15 46	1 57	15 37	0 19	14 3	1 47	23 52	13 39	1 46	1 23	9 27	15 29	6 9
M19	10 17	1 34	0n 4	15 55	1 33	6 2	0 22	13 44	1 9	23 37	0 7	15 48	1 57	15 37	0 19	14 3	1 47	23 53	13 39	1 46	1 24	9 29	15 28	6 10
T 20	9 56	2s13	1 10	15 23	1 38	6 33	0 26	13 31	1 9	23 37	0 7	15 49	1 57	15 38	0 19	14 4	1 47	23 53	13 39	1 46	1 26	9 31	15 26	6 10
W21	9 35	5 53	2 12	14 48	1 42	7 3	0 30	13 18	1 9	23 37	0 7	15 50	1 57	15 38	0 19	14 4	1 47	23 54	13 39	1 46	1 27	9 32	15 25	6 10
T 22	9 13	9 17	3 8	14 12	1 45	7 34	0 34	13 4	1 9	23 37	0 7	15 51	1 57	15 39	0 19	14 4	1 47	23 54	13 39	1 45	1 28	9 34	15 24	6 11
F 23	8 51	12 17	3 56	13 34	1 47	8 4	0 38	12 51	1 9	23 37	0 7	15 52	1 56	15 40	0 19	14 5	1 47	23 55	13 39	1 45	1 30	9 35	15 22	6 11
S 24	8 30	14 49	4 35	12 55	1 48	8 34	0 42	12 37	1 9	23 37	0 7	15 53	1 56	15 40	0 19	14 5	1 47	23 55	13 39	1 44	1 31	9 37	15 21	6 12
S 25	8 8	16 43	5 1	12 14	1 48	9 4	0 47	12 24	1 9	23 38	0 7	15 54	1 56	15 41	0 19	14 6	1 47	23 56	13 39	1 44	1 32	9 39	15 20	6 12
M26	7 46	17 54	5 15	11 32	1 48	9 34	0 51	12 10	1 8	23 38	0 7	15 56	1 56	15 41	0 19	14 6	1 47	23 56	13 39	1 44	1 33	9 40	15 18	6 12
T 27	7 23	18 16	5 14	10 49	1 47	10 3	0 55	11 56	1 8	23 38	0 7	15 57	1 55	15 42	0 19	14 6	1 47	23 57	13 39	1 44	1 35	9 42	15 17	6 13
W28	7 1	17 43	4 58	10 5	1 46	10 32	0 59	11 42	1 8	23 38	0 8	15 58	1 55	15 43	0 19	14 7	1 46	23 57	13 39	1 45	1 36	9 43	15 16	6 13
T 29	6 39	16 12	4 26	9 21	1 44	11 1	1 3	11 28	1 8	23 38	0 8	15 59	1 55	15 44	0 18	14 7	1 46	23 57	13 39	1 46	1 37	9 45	15 14	6 14
F 30	6 16	13 44	3 38	8 35	1 41	11 30	1 7	11 14	1 8	23 38	0 8	16 1	1 55	15 44	0 18	14 8	1 46	23 58	13 39	1 46	1 38	9 47	15 13	6 14
S 31	5n53	10s24	2n36	7n49	1n38	11s59	1s12	11n 0	1n 8	23s38	0s 8	16s 2	1n55	15s45	0n18	14s 8	1n46	23s58	13s39	1n47	1n40	9s48	15n12	6s15

Julian Day Number = 2199017.5, Delta T = 10m11s
Ecliptic obliquity = 23°31'35, Nutation = 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°05'50, Lahiri = 14°12'50 Julian Calendar 1 Aug. 1308 == Greg. Calendar 9 Aug. 1308

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ASTRODIENST EPHEMERIS for the year 1308
geocentric

SEPTEMBER 1308 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	23 11 54	16♍ 5'05	10♓31	15♍51	29♎20	5♍ 0	27♐54	20♏20	13♏51	13♏ 7	0°R39	25°R32	25♍47	3♏45	24♋20	S 1
M 2	23 15 50	17° 3'43	25°10	17°41	0♏28	5°38	27°57	20°24	13°53	13° 8	0♓38	25°D31	25°44	3°52	24°25	M 2
T 3	23 19 47	18° 2'23	9♈59	19°30	1°36	6°16	28° 0	20°28	13°56	13°10	0°37	25♍32	25°41	3°59	24°30	T 3
W 4	23 23 43	19° 1'05	24°49	21°18	2°44	6°54	28° 4	20°33	13°58	13°11	0°36	25°32	25°37	4° 5	24°35	W 4
T 5	23 27 40	19°59'50	9♉34	23° 5	3°52	7°33	28° 7	20°37	14° 1	13°13	0°35	25°33	25°34	4°12	24°40	T 5
F 6	23 31 36	20°58'37	24° 7	24°51	4°59	8°11	28°11	20°42	14° 3	13°14	0°33	25°33	25°31	4°19	24°45	F 6
S 7	23 35 33	21°57'26	8♊26	26°36	6° 7	8°49	28°15	20°47	14° 6	13°16	0°32	25°33	25°28	4°25	24°50	S 7
S 8	23 39 29	22°56'18	22°26	28°20	7°14	9°28	28°19	20°51	14° 9	13°17	0°31	25°R33	25°25	4°32	24°54	S 8
M 9	23 43 26	23°55'12	6♋ 8	0♎ 3	8°22	10° 6	28°23	20°56	14°11	13°19	0°30	25°33	25°22	4°39	24°59	M 9
T 10	23 47 23	24°54'08	19°31	1°46	9°29	10°45	28°28	21° 1	14°14	13°21	0°29	25°33	25°18	4°45	25° 4	T 10
W11	23 51 19	25°53'06	2♌37	3°27	10°36	11°23	28°32	21° 6	14°17	13°22	0°28	25°D33	25°15	4°52	25° 8	W11
T 12	23 55 16	26°52'07	15°27	5° 8	11°43	12° 1	28°37	21°11	14°20	13°24	0°27	25°33	25°12	4°59	25°13	T 12
F 13	23 59 12	27°51'10	28° 4	6°47	12°50	12°40	28°42	21°16	14°22	13°26	0°25	25°34	25° 9	5° 5	25°17	F 13
S 14	0 3 9	28°50'15	10♍28	8°26	13°56	13°18	28°47	21°21	14°25	13°27	0°24	25°34	25° 6	5°12	25°21	S 14
S 15	0 7 5	29°49'23	22°41	10° 4	15° 3	13°56	28°52	21°26	14°28	13°29	0°23	25°R34	25° 2	5°19	25°26	S 15
M16	0 11 2	0♎48'32	4♎45	11°41	16° 9	14°35	28°58	21°32	14°31	13°31	0°22	25°34	24°59	5°25	25°30	M16
T 17	0 14 58	1°47'44	16°42	13°18	17°16	15°13	29° 3	21°37	14°34	13°33	0°21	25°34	24°56	5°32	25°34	T 17
W18	0 18 55	2°46'57	28°34	14°53	18°22	15°52	29° 9	21°42	14°37	13°34	0°20	25°33	24°53	5°39	25°38	W18
T 19	0 22 52	3°46'13	10♏23	16°28	19°27	16°30	29°15	21°48	14°40	13°36	0°19	25°32	24°50	5°45	25°42	T 19
F 20	0 26 48	4°45'30	22°12	18° 2	20°33	17° 9	29°21	21°53	14°43	13°38	0°18	25°30	24°47	5°52	25°46	F 20
S 21	0 30 45	5°44'49	4♐ 4	19°35	21°38	17°47	29°28	21°59	14°46	13°40	0°17	25°29	24°43	5°59	25°50	S 21
S 22	0 34 41	6°44'11	16° 3	21° 8	22°44	18°26	29°34	22° 4	14°49	13°42	0°16	25°28	24°40	6° 5	25°54	S 22
M23	0 38 38	7°43'34	28°13	22°39	23°49	19° 4	29°41	22°10	14°52	13°44	0°15	25°27	24°37	6°12	25°57	M23
T 24	0 42 34	8°42'59	10♑38	24°10	24°54	19°43	29°47	22°16	14°55	13°46	0°14	25°D27	24°34	6°19	26° 1	T 24
W25	0 46 31	9°42'25	23°22	25°41	25°58	20°21	29°54	22°22	14°59	13°48	0°13	25°27	24°31	6°25	26° 4	W25
T 26	0 50 27	10°41'54	6♒30	27°10	27° 3	21° 0	0♑ 1	22°27	15° 2	13°50	0°12	25°28	24°28	6°32	26° 8	T 26
F 27	0 54 24	11°41'24	20° 4	28°39	28° 7	21°38	0° 8	22°33	15° 5	13°52	0°12	25°30	24°24	6°39	26°11	F 27
S 28	0 58 21	12°40'56	4♓ 5	0♏ 7	29°11	22°17	0°16	22°39	15° 8	13°53	0°11	25°31	24°21	6°45	26°14	S 28
S 29	1 2 17	13°40'30	18°32	1°34	0♐15	22°55	0°23	22°45	15°12	13°55	0°10	25°R32	24°18	6°52	26°18	S 29
M30	1 6 14	14♎40'06	3♈21	3♏ 1	1♐18	23♍34	0♑31	22♏51	15♏15	13♏57	0♓ 9	25♍31	24♍15	6♏59	26♋21	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	5n31	6s23	1n22	7n 3	1n35	12s27	1s16	10n46	1n 8	23s39	0s 8	16s 3	1n54	15s46	0n18	14s 9	1n46	23s59	13s39	1n47	1n41	9s50	15n10	6s15
M 2	5 8	1 54	0 2	6 17	1 31	12 56	1 20	10 32	1 8	23 39	0 8	16 5	1 54	15 46	0 18	14 9	1 46	23 59	13 39	1 47	1 42	9 51	15 9	6 16
T 3	4 45	2n45	1s19	5 30	1 27	13 23	1 24	10 18	1 8	23 39	0 8	16 6	1 54	15 47	0 18	14 10	1 46	23 59	13 38	1 47	1 43	9 53	15 8	6 16
W 4	4 22	7 14	2 36	4 43	1 22	13 51	1 29	10 3	1 8	23 39	0 8	16 7	1 54	15 48	0 18	14 10	1 46	24 0	13 38	1 47	1 45	9 55	15 6	6 17
T 5	3 59	11 14	3 41	3 56	1 17	14 18	1 33	9 49	1 8	23 39	0 8	16 9	1 54	15 49	0 18	14 11	1 46	24 0	13 38	1 47	1 46	9 56	15 5	6 17
F 6	3 35	14 29	4 31	3 9	1 12	14 45	1 37	9 35	1 8	23 39	0 8	16 10	1 53	15 49	0 18	14 11	1 46	24 1	13 38	1 46	1 47	9 58	15 4	6 18
S 7	3 12	16 47	5 4	2 22	1 6	15 12	1 41	9 20	1 8	23 39	0 9	16 12	1 53	15 50	0 18	14 12	1 46	24 1	13 38	1 46	1 49	9 59	15 2	6 18
S 8	2 49	18 2	5 17	1 35	1 0	15 39	1 46	9 5	1 7	23 40	0 9	16 13	1 53	15 51	0 18	14 12	1 46	24 1	13 38	1 46	1 50	10 1	15 1	6 19
M 9	2 25	18 11	5 12	0 49	0 55	16 5	1 50	8 51	1 7	23 40	0 9	16 15	1 53	15 52	0 18	14 13	1 46	24 2	13 38	1 46	1 51	10 2	15 0	6 19
T 10	2 2	17 19	4 50	0 2	0 48	16 30	1 54	8 36	1 7	23 40	0 9	16 16	1 53	15 53	0 18	14 13	1 46	24 2	13 38	1 46	1 52	10 4	14 58	6 20
W11	1 38	15 32	4 14	0s44	0 42	16 56	1 58	8 21	1 7	23 40	0 9	16 17	1 52	15 54	0 18	14 14	1 46	24 2	13 38	1 46	1 54	10 6	14 57	6 20
T 12	1 15	13 0	3 25	1 30	0 36	17 21	2 2	8 7	1 7	23 40	0 9	16 19	1 52	15 54	0 18	14 14	1 46	24 2	13 38	1 46	1 55	10 7	14 56	6 21
F 13	0 51	9 53	2 27	2 16	0 29	17 45	2 7	7 52	1 7	23 40	0 9	16 20	1 52	15 55	0 18	14 15	1 46	24 3	13 38	1 46	1 56	10 9	14 54	6 21
S 14	0 28	6 24	1 23	3 1	0 22	18 10	2 11	7 37	1 7	23 41	0 9	16 22	1 52	15 56	0 18	14 15	1 46	24 3	13 37	1 46	1 57	10 10	14 53	6 22
S 15	0 4	2 40	0 16	3 46	0 16	18 33	2 15	7 22	1 7	23 41	0 9	16 23	1 52	15 57	0 18	14 16	1 46	24 3	13 37	1 46	1 59	10 12	14 52	6 23
M16	0s19	1s 7	0n51	4 30	0 9	18 57	2 19	7 7	1 7	23 41	0 9	16 25	1 51	15 58	0 18	14 16	1 46	24 4	13 37	1 46	2 0	10 13	14 50	6 23
T 17	0 43	4 49	1 55	5 14	0 2	19 20	2 23	6 52	1 6	23 41	0 10	16 27	1 51	15 59	0 18	14 17	1 46	24 4	13 37	1 46	2 1	10 15	14 49	6 24
W18	1 7	8 18	2 53	5 58	0s 5	19 42	2 27	6 37	1 6	23 41	0 10	16 28	1 51	16 0	0 18	14 18	1 46	24 4	13 37	1 47	2 2	10 17	14 48	6 24
T 19	1 30	11 27	3 44	6 41	0 12	20 5	2 31	6 22	1 6	23 41	0 10	16 30	1 51	16 1	0 18	14 18	1 45	24 4	13 37	1 47	2 4	10 18	14 46	6 25
F 20	1 54	14 7	4 25	7 24	0 19	20 26	2 35	6 7	1 6	23 41	0 10	16 31	1 51	16 1	0 18	14 19	1 45	24 5	13 37	1 48	2 5	10 20	14 45	6 25
S 21	2 17	16 12	4 55	8 6	0 26	20 48	2 39	5 51	1 6	23 41	0 10	16 33	1 51	16 2	0 18	14 19	1 45	24 5	13 36	1 48	2 6	10 21	14 44	6 26
S 22	2 41	17 37	5 13	8 47	0 33	21 8	2 43	5 36	1 6	23 42	0 10	16 34	1 50	16 3	0 18	14 20	1 45	24 5	13 36	1 49	2 7	10 23	14 43	6 27
M23	3 5	18 14	5 16	9 28	0 40	21 29	2 46	5 21	1 6	23 42	0 10	16 36	1 50	16 4	0 18	14 21	1 45	24 5	13 36	1 49	2 9	10 24	14 41	6 27
T 24	3 28	18 1	5 6	10 8	0 47	21 48	2 50	5 6	1 6	23 42	0 10	16 38	1 50	16 5	0 18	14 21	1 45	24 5	13 36	1 49	2 10	10 26	14 40	6 28
W25	3 52	16 54	4 40	10 48	0 54	22 8	2 54	4 50	1 5	23 42	0 10	16 39	1 50	16 6	0 18	14 22	1 45	24 6	13 36	1 49	2 11	10 28	14 39	6 28
T 26	4 15	14 51	3 59	11 27	1 1	22 27	2 57	4 35	1 5	23 42	0 10	16 41	1 50	16 7	0 18	14 22	1 45	24 6	13 36	1 48	2 13	10 29	14 38	6 29
F 27	4 38	11 56	3 4	12 5	1 8	22 45	3 1	4 20	1 5	23 42	0 10	16 43	1 50	16 8	0 18	14 23	1 45	24 6	13 35	1 48	2 14	10 31	14 36	6 30
S 28	5 2	8 15	1 56	12 43	1 15	23 3	3 4	4 4	1 5	23 42	0 10	16 44	1 49	16 9	0 18	14 24	1 45	24 6	13 35	1 47	2 15	10 32	14 35	6 30
S 29	5 25	3 58	0 39	13 20	1 21	23 20	3 8	3 49	1 5	23 42	0 11	16 46	1 49	16 10	0 18	14 24	1 45	24 6	13 35	1 47	2 16	10 34	14 34	6 31
M30	5s48	0n41	0s43	13s56	1s28	23s37	3s11	3n33	1n 5	23s42	0s11	16s48	1n49	16s11	0n18	14s25	1n45	24s 6	13s35	1n47	2n18	10s35	14n33	6s32

Julian Day Number = 2199048.5, Delta T = 10m11s
Ecliptic obliquity = 23°31'36, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°05'54, Lahiri = 14°12'54 Julian Calendar 1 Sept. 1308 == Greg. Calendar 9 Sept. 1308

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ASTRODIENST EPHEMERIS for the year 1308
geocentric

OCTOBER 1308 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	1 10 10	15♎39'44	18♈25	4♏27	2♐21	24♍12	0♑39	22♏57	15♏18	14♏ 0	0°R 8	25°R30	24♍12	7♏ 6	26♋24	T 1
W 2	1 14 7	16°39'23	3♉37	5°52	3°24	24°51	0°47	23° 3	15°22	14° 2	0♓ 7	25♍28	24° 8	7°12	26°27	W 2
T 3	1 18 3	17°39'05	18°45	7°16	4°27	25°29	0°55	23°10	15°25	14° 4	0° 7	25°26	24° 5	7°19	26°29	T 3
F 4	1 22 0	18°38'50	3♊40	8°39	5°29	26° 8	1° 3	23°16	15°28	14° 6	0° 6	25°22	24° 2	7°26	26°32	F 4
S 5	1 25 56	19°38'36	18°16	10° 2	6°31	26°47	1°11	23°22	15°32	14° 8	0° 5	25°20	23°59	7°32	26°35	S 5
S 6	1 29 53	20°38'25	2♋27	11°23	7°33	27°25	1°20	23°28	15°35	14°10	0° 4	25°17	23°56	7°39	26°37	S 6
M 7	1 33 49	21°38'16	16°13	12°44	8°35	28° 4	1°28	23°35	15°39	14°12	0° 4	25°D16	23°53	7°46	26°40	M 7
T 8	1 37 46	22°38'09	29°33	14° 3	9°36	28°42	1°37	23°41	15°42	14°14	0° 3	25°16	23°49	7°52	26°42	T 8
W 9	1 41 43	23°38'05	12♌30	15°22	10°37	29°21	1°46	23°47	15°46	14°16	0° 2	25°17	23°46	7°59	26°44	W 9
T 10	1 45 39	24°38'03	25° 8	16°39	11°37	29°59	1°55	23°54	15°49	14°18	0° 2	25°19	23°43	8° 6	26°47	T 10
F 11	1 49 36	25°38'02	7♍30	17°54	12°37	0♎38	2° 4	24° 0	15°53	14°21	0° 1	25°21	23°40	8°12	26°49	F 11
S 12	1 53 32	26°38'05	19°40	19° 8	13°37	1°17	2°13	24° 7	15°56	14°23	0° 0	25°R22	23°37	8°19	26°51	S 12
S 13	1 57 29	27°38'09	1♎41	20°21	14°36	1°56	2°22	24°13	16° 0	14°25	29♒59	25°22	23°33	8°26	26°53	S 13
M14	2 1 25	28°38'15	13°36	21°32	15°35	2°34	2°32	24°20	16° 4	14°27	29°59	25°20	23°30	8°32	26°54	M14
T 15	2 5 22	29°38'23	25°27	22°40	16°34	3°13	2°41	24°27	16° 7	14°29	29°59	25°17	23°27	8°39	26°56	T 15
W16	2 9 18	0♏38'33	7♏17	23°47	17°32	3°52	2°51	24°33	16°11	14°31	29°58	25°12	23°24	8°46	26°58	W16
T 17	2 13 15	1°38'45	19° 7	24°51	18°29	4°31	3° 1	24°40	16°14	14°34	29°58	25° 5	23°21	8°52	26°59	T 17
F 18	2 17 12	2°38'58	0♐58	25°52	19°26	5° 9	3°11	24°47	16°18	14°36	29°57	24°58	23°18	8°59	27° 1	F 18
S 19	2 21 8	3°39'14	12°54	26°50	20°23	5°48	3°21	24°53	16°22	14°38	29°57	24°50	23°14	9° 6	27° 2	S 19
S 20	2 25 5	4°39'31	24°55	27°44	21°19	6°27	3°31	25° 0	16°25	14°40	29°56	24°44	23°11	9°13	27° 3	S 20
M21	2 29 1	5°39'49	7♑ 6	28°35	22°15	7° 6	3°41	25° 7	16°29	14°43	29°56	24°38	23° 8	9°19	27° 4	M21
T 22	2 32 58	6°40'09	19°30	29°21	23°10	7°45	3°52	25°14	16°33	14°45	29°56	24°35	23° 5	9°26	27° 5	T 22
W23	2 36 54	7°40'31	2♒ 9	0♐ 3	24° 4	8°23	4° 2	25°21	16°36	14°47	29°55	24°D33	23° 2	9°33	27° 6	W23
T 24	2 40 51	8°40'54	15° 9	0°38	24°58	9° 2	4°13	25°27	16°40	14°49	29°55	24°33	22°59	9°39	27° 7	T 24
F 25	2 44 47	9°41'18	28°32	1° 8	25°52	9°41	4°24	25°34	16°44	14°51	29°55	24°34	22°55	9°46	27° 8	F 25
S 26	2 48 44	10°41'44	12♓21	1°31	26°44	10°20	4°34	25°41	16°47	14°54	29°54	24°36	22°52	9°53	27° 8	S 26
S 27	2 52 41	11°42'11	26°38	1°46	27°36	10°59	4°45	25°48	16°51	14°56	29°54	24°R36	22°49	9°59	27° 9	S 27
M28	2 56 37	12°42'40	11♈20	1°R53	28°27	11°38	4°56	25°55	16°55	14°58	29°54	24°35	22°46	10° 6	27° 9	M28
T 29	3 0 34	13°43'09	26°24	1°52	29°18	12°16	5° 7	26° 2	16°59	15° 0	29°54	24°32	22°43	10°13	27°10	T 29
W30	3 4 30	14°43'41	11♉40	1°40	0♑ 8	12°55	5°19	26° 9	17° 2	15° 3	29°54	24°26	22°39	10°19	27°10	W30
T 31	3 8 27	15♏44'14	26♉59	1♐18	0♑57	13♎34	5♑30	26♏16	17♏ 6	15♏ 5	29♒53	24♍19	22♍36	10♏26	27♋10	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	6s11	5n21	2s 3	14s32	1s34	23s53	3s14	3n18	1n 4	23s42	0s11	16s49	1n49	16s12	0n18	14s25	1n45	24s 6	13s35	1n48	2n19	10s37	14n32	6s32
W 2	6 34	9 43	3 15	15 6	1 41	24 8	3 17	3 2	1 4	23 42	0 11	16 51	1 49	16 13	0 18	14 26	1 45	24 7	13 34	1 48	2 20	10 38	14 30	6 33
T 3	6 57	13 25	4 13	15 40	1 47	24 23	3 20	2 47	1 4	23 42	0 11	16 53	1 49	16 14	0 18	14 27	1 45	24 7	13 34	1 49	2 21	10 40	14 29	6 34
F 4	7 20	16 10	4 53	16 13	1 53	24 38	3 23	2 31	1 4	23 42	0 11	16 54	1 49	16 15	0 18	14 27	1 45	24 7	13 34	1 51	2 23	10 41	14 28	6 34
S 5	7 43	17 49	5 12	16 45	1 59	24 52	3 26	2 16	1 4	23 42	0 11	16 56	1 48	16 16	0 18	14 28	1 45	24 7	13 34	1 52	2 24	10 43	14 27	6 35
S 6	8 5	18 18	5 12	17 16	2 4	25 5	3 29	2 0	1 4	23 42	0 11	16 58	1 48	16 17	0 18	14 29	1 45	24 7	13 34	1 53	2 25	10 45	14 26	6 36
M 7	8 28	17 40	4 54	17 47	2 10	25 18	3 32	1 45	1 3	23 42	0 11	16 59	1 48	16 18	0 18	14 29	1 45	24 7	13 33	1 53	2 26	10 46	14 25	6 36
T 8	8 50	16 5	4 20	18 16	2 15	25 30	3 34	1 29	1 3	23 42	0 11	17 1	1 48	16 19	0 18	14 30	1 45	24 7	13 33	1 53	2 28	10 48	14 24	6 37
W 9	9 13	13 41	3 34	18 44	2 20	25 42	3 37	1 13	1 3	23 42	0 11	17 3	1 48	16 20	0 18	14 31	1 45	24 7	13 33	1 53	2 29	10 49	14 23	6 38
T 10	9 35	10 42	2 38	19 11	2 25	25 53	3 39	0 58	1 3	23 42	0 11	17 4	1 48	16 21	0 18	14 31	1 45	24 7	13 33	1 52	2 30	10 51	14 22	6 38
F 11	9 57	7 18	1 36	19 37	2 29	26 3	3 41	0 42	1 3	23 42	0 12	17 6	1 48	16 22	0 18	14 32	1 45	24 7	13 32	1 51	2 31	10 52	14 21	6 39
S 12	10 19	3 38	0 31	20 1	2 33	26 13	3 44	0 26	1 2	23 42	0 12	17 8	1 48	16 23	0 18	14 33	1 45	24 7	13 32	1 51	2 33	10 54	14 19	6 40
S 13	10 40	0s 9	0n35	20 25	2 37	26 22	3 45	0 11	1 2	23 42	0 12	17 10	1 47	16 24	0 18	14 33	1 45	24 7	13 32	1 51	2 34	10 55	14 18	6 40
M14	11 2	3 53	1 38	20 47	2 40	26 31	3 47	0s 5	1 2	23 42	0 12	17 11	1 47	16 25	0 18	14 34	1 45	24 7	13 32	1 52	2 35	10 57	14 17	6 41
T 15	11 23	7 27	2 37	21 7	2 43	26 39	3 49	0 20	1 2	23 42	0 12	17 13	1 47	16 26	0 18	14 35	1 45	24 7	13 31	1 53	2 37	10 58	14 16	6 42
W16	11 44	10 42	3 29	21 27	2 45	26 46	3 51	0 36	1 2	23 42	0 12	17 15	1 47	16 27	0 18	14 35	1 45	24 7	13 31	1 55	2 38	11 0	14 15	6 42
T 17	12 5	13 32	4 11	21 44	2 47	26 53	3 52	0 52	1 1	23 42	0 12	17 16	1 47	16 29	0 18	14 36	1 45	24 7	13 31	1 58	2 39	11 1	14 15	6 43
F 18	12 26	15 48	4 43	22 1	2 48	26 59	3 53	1 7	1 1	23 41	0 12	17 18	1 47	16 30	0 18	14 37	1 45	24 7	13 31	2 0	2 40	11 3	14 14	6 44
S 19	12 47	17 25	5 3	22 15	2 48	27 4	3 54	1 23	1 1	23 41	0 12	17 20	1 47	16 31	0 18	14 37	1 45	24 7	13 30	2 3	2 42	11 4	14 13	6 44
S 20	13 7	18 16	5 10	22 28	2 48	27 9	3 55	1 38	1 1	23 41	0 12	17 22	1 47	16 32	0 18	14 38	1 45	24 7	13 30	2 6	2 43	11 6	14 12	6 45
M21	13 27	18 18	5 3	22 38	2 47	27 14	3 56	1 54	1 0	23 41	0 12	17 23	1 47	16 33	0 18	14 39	1 45	24 6	13 30	2 8	2 44	11 8	14 11	6 46
T 22	13 47	17 28	4 41	22 47	2 46	27 18	3 57	2 10	1 0	23 41	0 12	17 25	1 46	16 34	0 18	14 39	1 45	24 6	13 30	2 10	2 45	11 9	14 10	6 47
W23	14 7	15 45	4 6	22 53	2 43	27 21	3 57	2 25	1 0	23 40	0 12	17 27	1 46	16 35	0 18	14 40	1 45	24 6	13 29	2 10	2 47	11 11	14 9	6 47
T 24	14 27	13 13	3 17	22 57	2 39	27 23	3 58	2 41	1 0	23 40	0 13	17 29	1 46	16 36	0 18	14 40	1 45	24 6	13 29	2 10	2 48	11 12	14 8	6 48
F 25	14 46	9 54	2 16	22 59	2 35	27 25	3 58	2 56	1 0	23 40	0 13	17 30	1 46	16 37	0 18	14 41	1 45	24 6	13 29	2 10	2 49	11 14	14 7	6 49
S 26	15 5	5 56	1 6	22 58	2 29	27 27	3 58	3 12	0 59	23 40	0 13	17 32	1 46	16 38	0 18	14 42	1 45	24 6	13 28	2 9	2 50	11 15	14 7	6 49
S 27	15 24	1 31	0s11	22 54	2 22	27 28	3 57	3 27	0 59	23 39	0 13	17 34	1 46	16 39	0 17	14 42	1 45	24 6	13 28	2 9	2 52	11 17	14 6	6 50
M28	15 43	3n 8	1 29	22 47	2 13	27 28	3 57	3 43	0 59	23 39	0 13	17 35	1 46	16 40	0 17	14 43	1 45	24 5	13 28	2 10	2 53	11 18	14 5	6 51
T 29	16 1	7 41	2 43	22 37	2 3	27 28	3 56	3 58	0 58	23 39	0 13	17 37	1 46	16 41	0 17	14 44	1 45	24 5	13 28	2 11	2 54	11 20	14 4	6 51
W30	16 19	11 48	3 46	22 23	1 51	27 27	3 55	4 14	0 58	23 38	0 13	17 39	1 46	16 42	0 17	14 44	1 45	24 5	13 27	2 13	2 55	11 21	14 4	6 52
T 31	16s37	15n 8	4s33	22s 6	1s38	27s25	3s54	4s29	0n58	23s38	0s13	17s41	1n46	16s43	0n17	14s45	1n45	24s 5	13s27	2n16	2n57	11s23	14n 3	6s53

Julian Day Number = 2199078.5, Delta T = 10m11s
Ecliptic obliquity = 23°31'36, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°05'58, Lahiri = 14°12'58 Julian Calendar 1 Oct. 1308 == Greg. Calendar 9 Oct. 1308

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ASTRODIENST EPHEMERIS for the year 1308
geocentric

NOVEMBER 1308 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	3 12 23	16♏44'49	12♊10	0°R46	1♑45	14♎13	5♑41	26♏23	17♏10	15♏ 7	29°R53	24°R10	22♍33	10♏33	27°R10	F 1
S 2	3 16 20	17°45'25	27° 2	0♐ 4	2°32	14°52	5°53	26°30	17°13	15° 9	29♒53	24♍ 2	22°30	10°39	27♋10	S 2
S 3	3 20 16	18°46'03	11♋27	29♏11	3°18	15°31	6° 4	26°37	17°17	15°12	29°53	23°55	22°27	10°46	27°10	S 3
M 4	3 24 13	19°46'43	25°24	28° 8	4° 4	16°10	6°16	26°44	17°21	15°14	29°53	23°50	22°24	10°53	27° 9	M 4
T 5	3 28 10	20°47'24	8♌50	26°58	4°48	16°49	6°28	26°51	17°25	15°16	29°D53	23°47	22°20	11° 0	27° 9	T 5
W 6	3 32 6	21°48'07	21°49	25°41	5°31	17°28	6°39	26°58	17°28	15°19	29°53	23°D47	22°17	11° 6	27° 9	W 6
T 7	3 36 3	22°48'52	4♍24	24°21	6°14	18° 7	6°51	27° 5	17°32	15°21	29°53	23°47	22°14	11°13	27° 8	T 7
F 8	3 39 59	23°49'38	16°41	22°58	6°55	18°46	7° 3	27°12	17°36	15°23	29°53	23°48	22°11	11°20	27° 7	F 8
S 9	3 43 56	24°50'26	28°44	21°37	7°35	19°25	7°15	27°19	17°39	15°25	29°53	23°R48	22° 8	11°26	27° 6	S 9
S 10	3 47 52	25°51'15	10♎38	20°21	8°14	20° 4	7°28	27°26	17°43	15°27	29°53	23°46	22° 5	11°33	27° 6	S 10
M11	3 51 49	26°52'06	22°28	19°10	8°52	20°43	7°40	27°34	17°47	15°30	29°53	23°42	22° 1	11°40	27° 5	M11
T 12	3 55 45	27°52'58	4♏16	18° 8	9°28	21°22	7°52	27°41	17°50	15°32	29°54	23°35	21°58	11°46	27° 3	T 12
W13	3 59 42	28°53'52	16° 6	17°16	10° 4	22° 1	8° 4	27°48	17°54	15°34	29°54	23°26	21°55	11°53	27° 2	W13
T 14	4 3 39	29°54'46	27°59	16°36	10°37	22°40	8°17	27°55	17°58	15°36	29°54	23°14	21°52	12° 0	27° 1	T 14
F 15	4 7 35	0♐55'42	9♐57	16° 6	11° 9	23°19	8°29	28° 2	18° 1	15°39	29°54	23° 0	21°49	12° 6	27° 0	F 15
S 16	4 11 32	1°56'39	22° 1	15°48	11°40	23°59	8°42	28° 9	18° 5	15°41	29°54	22°47	21°45	12°13	26°58	S 16
S 17	4 15 28	2°57'37	4♑12	15°D42	12° 9	24°38	8°54	28°16	18° 9	15°43	29°55	22°34	21°42	12°20	26°57	S 17
M18	4 19 25	3°58'36	16°31	15°45	12°37	25°17	9° 7	28°23	18°12	15°45	29°55	22°23	21°39	12°27	26°55	M18
T 19	4 23 21	4°59'36	29° 0	15°59	13° 3	25°56	9°20	28°30	18°16	15°47	29°55	22°15	21°36	12°33	26°53	T 19
W20	4 27 18	6° 0'36	11♒42	16°22	13°27	26°35	9°33	28°37	18°20	15°49	29°56	22°10	21°33	12°40	26°51	W20
T 21	4 31 14	7° 1'37	24°40	16°52	13°49	27°14	9°46	28°44	18°23	15°52	29°56	22° 8	21°30	12°47	26°49	T 21
F 22	4 35 11	8° 2'38	7♓56	17°30	14° 9	27°53	9°59	28°51	18°27	15°54	29°56	22°D 7	21°26	12°53	26°47	F 22
S 23	4 39 8	9° 3'41	21°33	18°15	14°28	28°33	10°12	28°58	18°30	15°56	29°57	22°R 8	21°23	13° 0	26°45	S 23
S 24	4 43 4	10° 4'43	5♈34	19° 5	14°44	29°12	10°25	29° 5	18°34	15°58	29°57	22° 7	21°20	13° 7	26°43	S 24
M25	4 47 1	11° 5'46	19°59	20° 0	14°58	29°51	10°38	29°12	18°37	16° 0	29°58	22° 5	21°17	13°13	26°41	M25
T 26	4 50 57	12° 6'50	4♉45	21° 0	15°10	0♏30	10°51	29°19	18°41	16° 2	29°58	22° 0	21°14	13°20	26°38	T 26
W27	4 54 54	13° 7'54	19°48	22° 3	15°20	1° 9	11° 4	29°26	18°44	16° 4	29°59	21°52	21°11	13°27	26°36	W27
T 28	4 58 50	14° 8'58	4♊58	23°10	15°27	1°49	11°17	29°33	18°48	16° 6	29°59	21°41	21° 7	13°33	26°33	T 28
F 29	5 2 47	15°10'04	20° 6	24°20	15°33	2°28	11°31	29°40	18°51	16° 8	0♓ 0	21°29	21° 4	13°40	26°30	F 29
S 30	5 6 43	16♐11'10	5♋ 1	25♏32	15♑35	3♏ 7	11♑44	29♏47	18♏55	16♏10	0♓ 1	21♍18	21♍ 1	13♏47	26♋28	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	16s54	17n23	5s 0	21s44	1s23	27s24	3s53	4s44	0n58	23s37	0s13	17s42	1n46	16s44	0n17	14s46	1n45	24s 5	13s27	2n19	2n58	11s24	14n 2	6s53
S 2	17 11	18 24	5 6	21 19	1 7	27 21	3 51	5 0	0 57	23 37	0 13	17 44	1 46	16 46	0 17	14 46	1 45	24 4	13 26	2 23	2 59	11 26	14 2	6 54
S 3	17 28	18 11	4 52	20 51	0 49	27 18	3 49	5 15	0 57	23 37	0 13	17 46	1 45	16 47	0 17	14 47	1 45	24 4	13 26	2 25	3 0	11 27	14 1	6 55
M 4	17 45	16 51	4 21	20 18	0 30	27 15	3 47	5 30	0 57	23 36	0 13	17 47	1 45	16 48	0 17	14 48	1 45	24 4	13 26	2 27	3 2	11 29	14 0	6 56
T 5	18 1	14 37	3 37	19 43	0 10	27 11	3 45	5 46	0 57	23 36	0 13	17 49	1 45	16 49	0 17	14 48	1 45	24 4	13 26	2 28	3 3	11 30	14 0	6 56
W 6	18 17	11 43	2 43	19 5	0n11	27 6	3 42	6 1	0 56	23 35	0 14	17 51	1 45	16 50	0 17	14 49	1 45	24 3	13 25	2 29	3 4	11 32	13 59	6 57
T 7	18 33	8 21	1 42	18 25	0 31	27 2	3 39	6 16	0 56	23 35	0 14	17 52	1 45	16 51	0 17	14 50	1 45	24 3	13 25	2 29	3 6	11 33	13 59	6 58
F 8	18 48	4 41	0 38	17 45	0 51	26 56	3 36	6 31	0 56	23 34	0 14	17 54	1 45	16 52	0 17	14 50	1 45	24 3	13 25	2 28	3 7	11 35	13 58	6 58
S 9	19 3	0 54	0n26	17 6	1 11	26 51	3 32	6 46	0 55	23 33	0 14	17 56	1 45	16 53	0 17	14 51	1 45	24 3	13 24	2 28	3 8	11 36	13 58	6 59
S 10	19 17	2s52	1 29	16 28	1 29	26 44	3 29	7 1	0 55	23 33	0 14	17 57	1 45	16 54	0 17	14 52	1 45	24 2	13 24	2 29	3 9	11 38	13 57	7 0
M11	19 32	6 30	2 27	15 54	1 45	26 38	3 24	7 16	0 55	23 32	0 14	17 59	1 45	16 55	0 17	14 52	1 45	24 2	13 24	2 31	3 11	11 39	13 57	7 0
T 12	19 46	9 53	3 18	15 23	1 59	26 31	3 20	7 31	0 54	23 32	0 14	18 1	1 45	16 56	0 17	14 53	1 45	24 2	13 24	2 33	3 12	11 41	13 56	7 1
W13	19 59	12 52	4 1	14 57	2 11	26 23	3 15	7 46	0 54	23 31	0 14	18 2	1 45	16 57	0 17	14 54	1 45	24 1	13 23	2 37	3 13	11 42	13 56	7 2
T 14	20 12	15 20	4 33	14 36	2 21	26 15	3 10	8 1	0 54	23 30	0 14	18 4	1 45	16 58	0 17	14 54	1 45	24 1	13 23	2 42	3 14	11 44	13 55	7 2
F 15	20 25	17 11	4 54	14 20	2 29	26 7	3 5	8 16	0 53	23 29	0 14	18 5	1 45	16 59	0 17	14 55	1 45	24 1	13 23	2 47	3 16	11 45	13 55	7 3
S 16	20 38	18 16	5 1	14 10	2 35	25 59	2 59	8 31	0 53	23 29	0 14	18 7	1 45	17 0	0 17	14 55	1 45	24 0	13 22	2 53	3 17	11 46	13 55	7 4
S 17	20 50	18 32	4 55	14 4	2 39	25 50	2 53	8 45	0 53	23 28	0 14	18 9	1 45	17 1	0 17	14 56	1 45	24 0	13 22	2 58	3 18	11 48	13 54	7 4
M18	21 1	17 56	4 36	14 3	2 41	25 41	2 46	9 0	0 52	23 27	0 15	18 10	1 45	17 2	0 17	14 57	1 45	23 59	13 22	3 2	3 19	11 49	13 54	7 5
T 19	21 12	16 29	4 2	14 6	2 41	25 31	2 39	9 15	0 52	23 26	0 15	18 12	1 45	17 3	0 17	14 57	1 45	23 59	13 22	3 5	3 21	11 51	13 54	7 5
W20	21 23	14 11	3 17	14 14	2 41	25 22	2 32	9 29	0 52	23 26	0 15	18 13	1 45	17 4	0 17	14 58	1 45	23 59	13 21	3 7	3 22	11 52	13 53	7 6
T 21	21 34	11 9	2 20	14 24	2 39	25 12	2 24	9 44	0 51	23 25	0 15	18 15	1 45	17 5	0 17	14 58	1 45	23 58	13 21	3 8	3 23	11 54	13 53	7 7
F 22	21 44	7 28	1 15	14 38	2 36	25 1	2 16	9 58	0 51	23 24	0 15	18 16	1 45	17 6	0 17	14 59	1 45	23 58	13 21	3 8	3 24	11 55	13 53	7 7
S 23	21 53	3 19	0 3	14 54	2 32	24 51	2 7	10 12	0 51	23 23	0 15	18 18	1 45	17 7	0 17	15 0	1 45	23 57	13 20	3 8	3 26	11 57	13 53	7 8
S 24	22 3	1n 8	1s11	15 12	2 27	24 40	1 58	10 27	0 50	23 22	0 15	18 20	1 45	17 8	0 17	15 0	1 45	23 57	13 20	3 8	3 27	11 58	13 53	7 8
M25	22 11	5 39	2 22	15 32	2 22	24 29	1 49	10 41	0 50	23 21	0 15	18 21	1 45	17 9	0 17	15 1	1 45	23 57	13 20	3 9	3 28	12 0	13 52	7 9
T 26	22 20	9 56	3 25	15 53	2 16	24 18	1 39	10 55	0 49	23 20	0 15	18 23	1 45	17 10	0 17	15 1	1 45	23 56	13 20	3 11	3 29	12 1	13 52	7 10
W27	22 27	13 39	4 15	16 15	2 10	24 7	1 29	11 9	0 49	23 19	0 15	18 24	1 45	17 11	0 17	15 2	1 45	23 56	13 19	3 14	3 31	12 3	13 52	7 10
T 28	22 35	16 29	4 48	16 39	2 3	23 55	1 18	11 23	0 49	23 18	0 15	18 26	1 45	17 12	0 17	15 2	1 45	23 55	13 19	3 18	3 32	12 4	13 52	7 11
F 29	22 42	18 10	5 0	17 3	1 56	23 43	1 7	11 37	0 48	23 17	0 15	18 27	1 45	17 13	0 17	15 3	1 45	23 55	13 19	3 23	3 33	12 6	13 52	7 11
S 30	22s48	18n34	4s52	17s27	1n49	23s32	0s55	11s51	0n48	23s16	0s15	18s28	1n45	17s14	0n17	15s 4	1n45	23s54	13s18	3n28	3n34	12s 7	13n52	7s12

Julian Day Number = 2199109.5, Delta T = 10m11s
Ecliptic obliquity = 23°31'35, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°06'02, Lahiri = 14°13'03 Julian Calendar 1 Nov. 1308 == Greg. Calendar 9 Nov. 1308

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ASTRODIENST EPHEMERIS for the year 1308
geocentric

DECEMBER 1308 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	5 10 40	17♐12'16	19♋33	26♏47	15°R36	3♏46	11♑57	29♏54	18♏58	16♏12	0♓ 1	21°R 7	20♍58	13♏54	26°R25	S 1
M 2	5 14 37	18°13'24	3♌38	28° 4	15♑34	4°26	12°11	0♐ 1	19° 1	16°14	0° 2	20♍59	20°55	14° 0	26♋22	M 2
T 3	5 18 33	19°14'32	17°12	29°22	15°29	5° 5	12°24	0° 7	19° 5	16°16	0° 3	20°54	20°51	14° 7	26°19	T 3
W 4	5 22 30	20°15'40	0♍18	0♐42	15°22	5°44	12°38	0°14	19° 8	16°18	0° 3	20°51	20°48	14°14	26°16	W 4
T 5	5 26 26	21°16'49	12°58	2° 3	15°12	6°24	12°51	0°21	19°11	16°20	0° 4	20°50	20°45	14°20	26°13	T 5
F 6	5 30 23	22°17'59	25°17	3°26	15° 0	7° 3	13° 5	0°28	19°15	16°22	0° 5	20°50	20°42	14°27	26°10	F 6
S 7	5 34 19	23°19'10	7♎20	4°49	14°45	7°42	13°19	0°35	19°18	16°24	0° 6	20°49	20°39	14°34	26° 6	S 7
S 8	5 38 16	24°20'21	19°14	6°14	14°28	8°22	13°32	0°41	19°21	16°26	0° 6	20°47	20°36	14°40	26° 3	S 8
M 9	5 42 12	25°21'33	1♏ 2	7°39	14° 9	9° 1	13°46	0°48	19°24	16°28	0° 7	20°43	20°32	14°47	26° 0	M 9
T 10	5 46 9	26°22'45	12°51	9° 5	13°47	9°41	14° 0	0°55	19°28	16°30	0° 8	20°35	20°29	14°54	25°56	T 10
W11	5 50 6	27°23'57	24°42	10°32	13°24	10°20	14°14	1° 1	19°31	16°31	0° 9	20°25	20°26	15° 0	25°53	W11
T 12	5 54 2	28°25'10	6♐40	11°59	12°58	10°59	14°27	1° 8	19°34	16°33	0°10	20°12	20°23	15° 7	25°49	T 12
F 13	5 57 59	29°26'23	18°47	13°27	12°30	11°39	14°41	1°14	19°37	16°35	0°11	19°58	20°20	15°14	25°45	F 13
S 14	6 1 55	0♑27'36	1♑ 2	14°56	12° 0	12°18	14°55	1°21	19°40	16°37	0°12	19°43	20°17	15°21	25°42	S 14
S 15	6 5 52	1°28'49	13°27	16°25	11°29	12°58	15° 9	1°27	19°43	16°38	0°13	19°30	20°13	15°27	25°38	S 15
M16	6 9 48	2°30'02	26° 2	17°54	10°56	13°37	15°23	1°34	19°46	16°40	0°13	19°18	20°10	15°34	25°34	M16
T 17	6 13 45	3°31'15	8♒47	19°24	10°22	14°17	15°37	1°40	19°49	16°42	0°14	19° 9	20° 7	15°41	25°30	T 17
W18	6 17 41	4°32'27	21°43	20°54	9°47	14°56	15°51	1°46	19°52	16°44	0°15	19° 3	20° 4	15°47	25°26	W18
T 19	6 21 38	5°33'40	4♓50	22°25	9°11	15°35	16° 5	1°53	19°55	16°45	0°17	19° 0	20° 1	15°54	25°22	T 19
F 20	6 25 35	6°34'51	18°11	23°56	8°35	16°15	16°19	1°59	19°58	16°47	0°18	18°D59	19°57	16° 1	25°18	F 20
S 21	6 29 31	7°36'03	1♈47	25°28	7°58	16°54	16°33	2° 5	20° 0	16°48	0°19	19°R 0	19°54	16° 7	25°14	S 21
S 22	6 33 28	8°37'13	15°39	27° 0	7°21	17°34	16°47	2°11	20° 3	16°50	0°20	19° 0	19°51	16°14	25°10	S 22
M23	6 37 24	9°38'23	29°48	28°33	6°44	18°13	17° 1	2°17	20° 6	16°52	0°21	18°58	19°48	16°21	25° 6	M23
T 24	6 41 21	10°39'33	14♉13	0♑ 6	6° 8	18°53	17°15	2°24	20° 9	16°53	0°22	18°54	19°45	16°28	25° 2	T 24
W25	6 45 17	11°40'42	28°51	1°39	5°33	19°32	17°29	2°30	20°11	16°55	0°23	18°47	19°42	16°34	24°57	W25
T 26	6 49 14	12°41'50	13♊37	3°13	4°59	20°12	17°43	2°36	20°14	16°56	0°24	18°38	19°38	16°41	24°53	T 26
F 27	6 53 11	13°42'58	28°23	4°48	4°25	20°51	17°57	2°41	20°17	16°57	0°25	18°28	19°35	16°48	24°49	F 27
S 28	6 57 7	14°44'05	13♋ 1	6°22	3°53	21°31	18°12	2°47	20°19	16°59	0°27	18°17	19°32	16°54	24°45	S 28
S 29	7 1 4	15°45'12	27°23	7°58	3°23	22°10	18°26	2°53	20°22	17° 0	0°28	18° 8	19°29	17° 1	24°40	S 29
M30	7 5 0	16°46'18	11♌23	9°34	2°55	22°50	18°40	2°59	20°24	17° 2	0°29	18° 0	19°26	17° 8	24°36	M30
T 31	7 8 57	17♑47'24	24♌58	11♑10	2♑28	23♏30	18♑54	3♐ 5	20♏27	17♏ 3	0♓30	17♍55	19♍23	17♏15	24♋32	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22s55	17n44	4s25	17s52	1n42	23s19	0s43	12s 5	0n47	23s15	0s16	18s30	1n45	17s15	0n17	15s 4	1n45	23s54	13s18	3n32	3n36	12s 8	13n52	7s12
M 2	23 0	15 49	3 42	18 16	1 34	23 7	0 31	12 18	0 47	23 14	0 16	18 31	1 45	17 16	0 17	15 5	1 45	23 53	13 18	3 35	3 37	12 10	13 52	7 13
T 3	23 5	13 4	2 48	18 41	1 27	22 55	0 18	12 32	0 47	23 12	0 16	18 33	1 45	17 17	0 17	15 5	1 45	23 53	13 18	3 37	3 38	12 11	13 52	7 13
W 4	23 10	9 45	1 46	19 5	1 19	22 43	0 4	12 45	0 46	23 11	0 16	18 34	1 45	17 18	0 17	15 6	1 45	23 52	13 17	3 38	3 39	12 13	13 52	7 14
T 5	23 14	6 5	0 42	19 29	1 11	22 30	0n 9	12 59	0 46	23 10	0 16	18 36	1 45	17 18	0 17	15 6	1 45	23 52	13 17	3 39	3 41	12 14	13 52	7 14
F 6	23 18	2 15	0n24	19 53	1 3	22 17	0 24	13 12	0 45	23 9	0 16	18 37	1 45	17 19	0 17	15 7	1 45	23 51	13 17	3 39	3 42	12 16	13 52	7 15
S 7	23 21	1s36	1 26	20 16	0 55	22 5	0 38	13 25	0 45	23 7	0 16	18 38	1 45	17 20	0 17	15 7	1 45	23 51	13 17	3 39	3 43	12 17	13 53	7 15
S 8	23 24	5 20	2 24	20 39	0 47	21 52	0 53	13 39	0 44	23 6	0 16	18 40	1 45	17 21	0 17	15 8	1 45	23 50	13 16	3 40	3 44	12 19	13 53	7 16
M 9	23 27	8 49	3 15	21 1	0 40	21 39	1 8	13 52	0 44	23 5	0 16	18 41	1 45	17 22	0 17	15 8	1 45	23 50	13 16	3 42	3 46	12 20	13 53	7 16
T 10	23 29	11 58	3 58	21 22	0 32	21 26	1 23	14 5	0 44	23 3	0 16	18 42	1 45	17 23	0 17	15 9	1 45	23 49	13 16	3 44	3 47	12 22	13 53	7 16
W11	23 30	14 38	4 31	21 42	0 24	21 13	1 39	14 17	0 43	23 2	0 16	18 44	1 45	17 24	0 17	15 9	1 45	23 49	13 16	3 49	3 48	12 23	13 53	7 17
T 12	23 31	16 43	4 52	22 2	0 17	21 0	1 54	14 30	0 43	23 1	0 16	18 45	1 45	17 25	0 17	15 10	1 45	23 48	13 15	3 54	3 49	12 24	13 54	7 17
F 13	23 31	18 4	5 0	22 21	0 9	20 47	2 10	14 43	0 42	22 59	0 17	18 46	1 45	17 25	0 17	15 10	1 45	23 47	13 15	3 59	3 51	12 26	13 54	7 18
S 14	23 32	18 37	4 54	22 38	0 2	20 34	2 25	14 55	0 42	22 58	0 17	18 48	1 45	17 26	0 17	15 11	1 45	23 47	13 15	4 5	3 52	12 27	13 54	7 18
S 15	23 31	18 17	4 35	22 55	0s 6	20 21	2 41	15 8	0 41	22 56	0 17	18 49	1 45	17 27	0 17	15 11	1 46	23 46	13 15	4 10	3 53	12 29	13 54	7 18
M16	23 30	17 4	4 1	23 11	0 13	20 9	2 57	15 20	0 41	22 55	0 17	18 50	1 45	17 28	0 17	15 12	1 46	23 46	13 14	4 15	3 54	12 30	13 55	7 19
T 17	23 29	14 59	3 16	23 26	0 20	19 56	3 12	15 32	0 40	22 53	0 17	18 51	1 45	17 29	0 17	15 12	1 46	23 45	13 14	4 19	3 56	12 32	13 55	7 19
W18	23 27	12 7	2 19	23 39	0 27	19 43	3 27	15 45	0 40	22 52	0 17	18 53	1 45	17 29	0 17	15 12	1 46	23 44	13 14	4 21	3 57	12 33	13 56	7 19
T 19	23 25	8 37	1 14	23 52	0 33	19 31	3 42	15 57	0 39	22 50	0 17	18 54	1 45	17 30	0 17	15 13	1 46	23 44	13 14	4 22	3 58	12 34	13 56	7 20
F 20	23 22	4 37	0 4	24 3	0 40	19 19	3 56	16 8	0 39	22 49	0 17	18 55	1 45	17 31	0 17	15 13	1 46	23 43	13 13	4 22	3 59	12 36	13 56	7 20
S 21	23 18	0 19	1s 7	24 13	0 46	19 7	4 10	16 20	0 38	22 47	0 17	18 56	1 45	17 32	0 17	15 14	1 46	23 43	13 13	4 22	4 1	12 37	13 57	7 20
S 22	23 15	4n 5	2 17	24 22	0 52	18 56	4 24	16 32	0 38	22 45	0 17	18 57	1 45	17 33	0 17	15 14	1 46	23 42	13 13	4 22	4 2	12 39	13 57	7 21
M23	23 10	8 20	3 19	24 30	0 58	18 45	4 37	16 43	0 37	22 44	0 17	18 59	1 45	17 33	0 17	15 15	1 46	23 41	13 13	4 23	4 3	12 40	13 58	7 21
T 24	23 6	12 11	4 10	24 36	1 4	18 34	4 49	16 55	0 37	22 42	0 18	19 0	1 45	17 34	0 17	15 15	1 46	23 41	13 13	4 24	4 4	12 42	13 58	7 21
W25	23 1	15 20	4 45	24 41	1 10	18 24	5 1	17 6	0 36	22 40	0 18	19 1	1 45	17 35	0 17	15 15	1 46	23 40	13 12	4 27	4 6	12 43	13 59	7 21
T 26	22 55	17 32	5 2	24 45	1 15	18 14	5 12	17 17	0 35	22 38	0 18	19 2	1 45	17 35	0 17	15 16	1 46	23 40	13 12	4 31	4 7	12 44	13 59	7 21
F 27	22 49	18 33	4 58	24 47	1 20	18 5	5 22	17 28	0 35	22 37	0 18	19 3	1 45	17 36	0 17	15 16	1 46	23 39	13 12	4 35	4 8	12 46	14 0	7 22
S 28	22 43	18 19	4 35	24 48	1 25	17 56	5 32	17 39	0 34	22 35	0 18	19 4	1 45	17 37	0 17	15 16	1 46	23 38	13 12	4 39	4 9	12 47	14 0	7 22
S 29	22 36	16 55	3 55	24 47	1 30	17 48	5 41	17 50	0 34	22 33	0 18	19 5	1 46	17 37	0 17	15 17	1 46	23 38	13 12	4 43	4 11	12 49	14 1	7 22
M30	22 28	14 31	3 2	24 45	1 35	17 41	5 49	18 1	0 33	22 31	0 18	19 6	1 46	17 38	0 17	15 17	1 46	23 37	13 11	4 46	4 12	12 50	14 2	7 22
T 31	22s20	11n22	1s59	24s42	1s39	17s34	5n56	18s11	0n33	22s29	0s18	19s 7	1n46	17s39	0n17	15s17	1n46	23s37	13s11	4n47	4n13	12s51	14n 2	7s22

Julian Day Number = 2199139.5, Delta T = 10m10s
Ecliptic obliquity = 23°31'35, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°06'06, Lahiri = 14°13'07 Julian Calendar 1 Dec. 1308 == Greg. Calendar 9 Dec. 1308

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ASTRODIENST EPHEMERIS for the year 1309
geocentric

JANUARY 1309 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	7 12 53	18♑48'29	8♍ 7	12♑47	2°R 4	24♏ 9	19♑ 8	3♐10	20♏29	17♏ 4	0♓32	17°R53	19♍19	17♏21	24°R27	W 1
T 2	7 16 50	19°49'33	20°52	14°24	1♑42	24°49	19°22	3°16	20°31	17° 6	0°33	17°D52	19°16	17°28	24♋23	T 2
F 3	7 20 46	20°50'38	3♎15	16° 2	1°22	25°28	19°36	3°21	20°34	17° 7	0°34	17♍53	19°13	17°35	24°18	F 3
S 4	7 24 43	21°51'41	15°23	17°41	1° 5	26° 8	19°50	3°27	20°36	17° 8	0°36	17°54	19°10	17°41	24°14	S 4
S 5	7 28 40	22°52'45	27°19	19°20	0°50	26°48	20° 5	3°32	20°38	17° 9	0°37	17°R54	19° 7	17°48	24° 9	S 5
M 6	7 32 36	23°53'47	9♏10	21° 0	0°37	27°27	20°19	3°38	20°40	17°10	0°38	17°53	19° 3	17°55	24° 5	M 6
T 7	7 36 33	24°54'50	21° 0	22°41	0°27	28° 7	20°33	3°43	20°42	17°11	0°40	17°49	19° 0	18° 1	24° 1	T 7
W 8	7 40 29	25°55'51	2♐54	24°22	0°20	28°46	20°47	3°48	20°44	17°13	0°41	17°43	18°57	18° 8	23°56	W 8
T 9	7 44 26	26°56'52	14°56	26° 3	0°15	29°26	21° 1	3°53	20°46	17°14	0°42	17°35	18°54	18°15	23°52	T 9
F 10	7 48 22	27°57'52	27°10	27°46	0°12	0♐ 6	21°15	3°59	20°48	17°15	0°44	17°26	18°51	18°22	23°47	F 10
S 11	7 52 19	28°58'51	9♑35	29°29	0°D12	0°45	21°29	4° 4	20°50	17°16	0°45	17°16	18°48	18°28	23°43	S 11
S 12	7 56 15	29°59'50	22°15	1♒13	0°14	1°25	21°43	4° 9	20°52	17°17	0°47	17° 7	18°44	18°35	23°38	S 12
M13	8 0 12	1♒ 0'47	5♒ 9	2°57	0°19	2° 5	21°57	4°13	20°54	17°18	0°48	16°59	18°41	18°42	23°34	M13
T 14	8 4 9	2° 1'43	18°15	4°42	0°26	2°44	22°12	4°18	20°56	17°19	0°50	16°54	18°38	18°48	23°30	T 14
W15	8 8 5	3° 2'38	1♓34	6°28	0°35	3°24	22°26	4°23	20°58	17°19	0°51	16°50	18°35	18°55	23°25	W15
T 16	8 12 2	4° 3'32	15° 3	8°14	0°47	4° 4	22°40	4°28	20°59	17°20	0°52	16°D49	18°32	19° 2	23°21	T 16
F 17	8 15 58	5° 4'24	28°43	10° 1	1° 0	4°43	22°54	4°32	21° 1	17°21	0°54	16°50	18°28	19° 8	23°16	F 17
S 18	8 19 55	6° 5'15	12♈31	11°48	1°16	5°23	23° 8	4°37	21° 3	17°22	0°55	16°51	18°25	19°15	23°12	S 18
S 19	8 23 51	7° 6'04	26°28	13°35	1°34	6° 3	23°22	4°41	21° 4	17°23	0°57	16°52	18°22	19°22	23° 8	S 19
M20	8 27 48	8° 6'52	10♉34	15°24	1°54	6°42	23°36	4°46	21° 6	17°23	0°58	16°R53	18°19	19°29	23° 4	M20
T 21	8 31 44	9° 7'38	24°46	17°12	2°15	7°22	23°49	4°50	21° 7	17°24	1° 0	16°52	18°16	19°35	22°59	T 21
W22	8 35 41	10° 8'23	9♊ 3	19° 0	2°39	8° 2	24° 3	4°54	21° 8	17°25	1° 2	16°49	18°13	19°42	22°55	W22
T 23	8 39 38	11° 9'06	23°21	20°49	3° 4	8°41	24°17	4°58	21°10	17°25	1° 3	16°45	18° 9	19°49	22°51	T 23
F 24	8 43 34	12° 9'47	7♋38	22°37	3°31	9°21	24°31	5° 2	21°11	17°26	1° 5	16°39	18° 6	19°55	22°47	F 24
S 25	8 47 31	13°10'27	21°47	24°25	3°59	10° 1	24°45	5° 6	21°12	17°26	1° 6	16°34	18° 3	20° 2	22°43	S 25
S 26	8 51 27	14°11'05	5♌44	26°12	4°29	10°40	24°59	5°10	21°13	17°27	1° 8	16°29	18° 0	20° 9	22°39	S 26
M27	8 55 24	15°11'42	19°26	27°59	5° 1	11°20	25°12	5°14	21°15	17°27	1° 9	16°25	17°57	20°16	22°35	M27
T 28	8 59 20	16°12'17	2♍48	29°44	5°34	12° 0	25°26	5°18	21°16	17°28	1°11	16°23	17°54	20°22	22°31	T 28
W29	9 3 17	17°12'50	15°50	1♓27	6° 8	12°40	25°40	5°22	21°17	17°28	1°12	16°D22	17°50	20°29	22°27	W29
T 30	9 7 13	18°13'23	28°33	3° 9	6°44	13°19	25°53	5°25	21°18	17°29	1°14	16°22	17°47	20°36	22°23	T 30
F 31	9 11 10	19♒13'53	10♎57	4♓48	7♑21	13♐59	26♑ 7	5♐29	21♏19	17♏29	1♓16	16♍24	17♍44	20♏42	22♋19	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	22s12	7n45	0s52	24s37	1s43	17s28	6n 3	18s22	0n32	22s27	0s18	19s 8	1n46	17s39	0n17	15s18	1n46	23s36	13s11	4n48	4n14	12s53	14n 3	7s22
T 2	22 3	3 53	0n16	24 30	1 46	17 22	6 9	18 32	0 31	22 26	0 18	19 9	1 46	17 40	0 17	15 18	1 46	23 35	13 11	4 49	4 16	12 54	14 3	7 22
F 3	21 54	0s 3	1 22	24 22	1 50	17 17	6 14	18 42	0 31	22 24	0 18	19 10	1 46	17 41	0 17	15 18	1 46	23 35	13 11	4 48	4 17	12 56	14 4	7 23
S 4	21 45	3 54	2 22	24 13	1 53	17 13	6 18	18 52	0 30	22 22	0 19	19 11	1 46	17 41	0 17	15 19	1 46	23 34	13 10	4 48	4 18	12 57	14 5	7 23
S 5	21 35	7 31	3 15	24 2	1 55	17 9	6 22	19 2	0 29	22 20	0 19	19 12	1 46	17 42	0 17	15 19	1 46	23 33	13 10	4 48	4 19	12 58	14 5	7 23
M 6	21 24	10 49	4 0	23 49	1 58	17 6	6 25	19 12	0 29	22 18	0 19	19 13	1 46	17 42	0 17	15 19	1 47	23 33	13 10	4 49	4 21	13 0	14 6	7 23
T 7	21 13	13 40	4 34	23 35	2 0	17 4	6 28	19 21	0 28	22 16	0 19	19 14	1 46	17 43	0 17	15 19	1 47	23 32	13 10	4 50	4 22	13 1	14 7	7 23
W 8	21 2	15 58	4 56	23 19	2 1	17 2	6 29	19 31	0 28	22 14	0 19	19 15	1 46	17 43	0 17	15 20	1 47	23 31	13 10	4 52	4 23	13 3	14 8	7 23
T 9	20 51	17 36	5 6	23 1	2 3	17 1	6 31	19 40	0 27	22 11	0 19	19 16	1 46	17 44	0 17	15 20	1 47	23 31	13 10	4 55	4 24	13 4	14 8	7 23
F 10	20 39	18 28	5 2	22 42	2 4	17 0	6 31	19 49	0 26	22 9	0 19	19 17	1 46	17 44	0 17	15 20	1 47	23 30	13 10	4 59	4 26	13 5	14 9	7 23
S 11	20 26	18 28	4 44	22 21	2 4	17 0	6 31	19 58	0 26	22 7	0 19	19 18	1 47	17 45	0 17	15 20	1 47	23 29	13 9	5 3	4 27	13 7	14 10	7 23
S 12	20 13	17 33	4 11	21 59	2 4	17 0	6 31	20 7	0 25	22 5	0 19	19 18	1 47	17 45	0 17	15 21	1 47	23 29	13 9	5 6	4 28	13 8	14 11	7 23
M13	20 0	15 43	3 26	21 34	2 4	17 1	6 30	20 15	0 24	22 3	0 19	19 19	1 47	17 46	0 17	15 21	1 47	23 28	13 9	5 9	4 29	13 10	14 11	7 23
T 14	19 47	13 4	2 28	21 9	2 3	17 2	6 29	20 24	0 23	22 1	0 20	19 20	1 47	17 46	0 17	15 21	1 47	23 27	13 9	5 12	4 31	13 11	14 12	7 22
W15	19 33	9 41	1 22	20 41	2 1	17 4	6 27	20 32	0 23	21 59	0 20	19 21	1 47	17 47	0 17	15 21	1 47	23 27	13 9	5 13	4 32	13 12	14 13	7 22
T 16	19 19	5 46	0 10	20 12	2 0	17 6	6 25	20 41	0 22	21 56	0 20	19 21	1 47	17 47	0 17	15 21	1 47	23 26	13 9	5 13	4 33	13 14	14 14	7 22
F 17	19 4	1 30	1s 4	19 41	1 57	17 9	6 23	20 49	0 21	21 54	0 20	19 22	1 47	17 48	0 17	15 22	1 47	23 26	13 9	5 13	4 34	13 15	14 15	7 22
S 18	18 49	2n54	2 15	19 9	1 54	17 11	6 20	20 56	0 21	21 52	0 20	19 23	1 47	17 48	0 17	15 22	1 47	23 25	13 9	5 13	4 36	13 16	14 16	7 22
S 19	18 34	7 10	3 19	18 34	1 51	17 14	6 17	21 4	0 20	21 50	0 20	19 24	1 47	17 49	0 17	15 22	1 47	23 24	13 8	5 12	4 37	13 18	14 16	7 22
M20	18 18	11 4	4 11	17 59	1 47	17 17	6 14	21 12	0 19	21 47	0 20	19 24	1 47	17 49	0 17	15 22	1 47	23 24	13 8	5 12	4 38	13 19	14 17	7 22
T 21	18 2	14 22	4 48	17 21	1 42	17 21	6 10	21 19	0 18	21 45	0 20	19 25	1 47	17 49	0 17	15 22	1 47	23 23	13 8	5 12	4 39	13 21	14 18	7 21
W22	17 46	16 49	5 8	16 43	1 37	17 24	6 6	21 26	0 18	21 43	0 20	19 26	1 48	17 50	0 17	15 22	1 47	23 22	13 8	5 13	4 41	13 22	14 19	7 21
T 23	17 30	18 13	5 9	16 3	1 31	17 28	6 2	21 33	0 17	21 40	0 21	19 26	1 48	17 50	0 17	15 22	1 48	23 22	13 8	5 15	4 42	13 23	14 20	7 21
F 24	17 13	18 28	4 51	15 21	1 24	17 32	5 57	21 40	0 16	21 38	0 21	19 27	1 48	17 50	0 17	15 23	1 48	23 21	13 8	5 17	4 43	13 25	14 21	7 21
S 25	16 55	17 34	4 15	14 38	1 17	17 35	5 53	21 47	0 15	21 36	0 21	19 28	1 48	17 51	0 17	15 23	1 48	23 20	13 8	5 19	4 44	13 26	14 22	7 21
S 26	16 38	15 37	3 24	13 54	1 9	17 39	5 48	21 53	0 14	21 33	0 21	19 28	1 48	17 51	0 17	15 23	1 48	23 20	13 8	5 21	4 46	13 27	14 22	7 20
M27	16 20	12 48	2 22	13 10	1 0	17 43	5 43	22 0	0 14	21 31	0 21	19 29	1 48	17 51	0 17	15 23	1 48	23 19	13 8	5 23	4 47	13 29	14 23	7 20
T 28	16 2	9 22	1 14	12 24	0 51	17 47	5 38	22 6	0 13	21 29	0 21	19 29	1 48	17 52	0 18	15 23	1 48	23 18	13 8	5 24	4 48	13 30	14 24	7 20
W29	15 44	5 34	0 3	11 38	0 40	17 51	5 33	22 12	0 12	21 26	0 21	19 30	1 48	17 52	0 18	15 23	1 48	23 18	13 8	5 24	4 49	13 31	14 25	7 19
T 30	15 25	1 36	1n 6	10 51	0 30	17 54	5 27	22 18	0 11	21 24	0 21	19 30	1 48	17 52	0 18	15 23	1 48	23 17	13 8	5 24	4 51	13 33	14 26	7 19
F 31	15s 7	2s21	2n11	10s 4	0s18	17s58	5n22	22s24	0n10	21s21	0s21	19s31	1n49	17s52	0n18	15s23	1n48	23s17	13s 8	5n23	4n52	13s34	14n27	7s19

Julian Day Number = 2199170.5, Delta T = 10m10s
Ecliptic obliquity = 23°31'35, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°06'11, Lahiri = 14°13'11 Julian Calendar 1 Jan. 1309 == Greg. Calendar 9 Jan. 1309

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ASTRODIENST EPHEMERIS for the year 1309
geocentric

FEBRUARY 1309 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	9 15 7	20♒14'23	23♎ 7	6♓23	8♑ 0	14♐39	26♑21	5♐32	21♏19	17♏29	1♓17	16♍26	17♍41	20♏49	22°R16	S 1
S 2	9 19 3	21°14'51	5♏ 6	7°56	8°39	15°18	26°34	5°35	21°20	17°29	1°19	16°27	17°38	20°56	22♋12	S 2
M 3	9 23 0	22°15'17	16°59	9°24	9°20	15°58	26°48	5°39	21°21	17°30	1°20	16°R28	17°34	21° 2	22° 9	M 3
T 4	9 26 56	23°15'43	28°51	10°47	10° 2	16°38	27° 1	5°42	21°22	17°30	1°22	16°28	17°31	21° 9	22° 5	T 4
W 5	9 30 53	24°16'07	10♐47	12° 5	10°45	17°18	27°14	5°45	21°22	17°30	1°24	16°27	17°28	21°16	22° 2	W 5
T 6	9 34 49	25°16'29	22°50	13°17	11°29	17°57	27°28	5°48	21°23	17°30	1°25	16°25	17°25	21°23	21°58	T 6
F 7	9 38 46	26°16'50	5♑ 6	14°22	12°14	18°37	27°41	5°51	21°23	17°30	1°27	16°22	17°22	21°29	21°55	F 7
S 8	9 42 42	27°17'09	17°38	15°20	13° 0	19°17	27°54	5°54	21°24	17°30	1°29	16°19	17°19	21°36	21°52	S 8
S 9	9 46 39	28°17'27	0♒27	16° 9	13°47	19°56	28° 8	5°56	21°24	17°30	1°30	16°16	17°15	21°43	21°48	S 9
M10	9 50 35	29°17'43	13°35	16°51	14°35	20°36	28°21	5°59	21°25	17°R30	1°32	16°14	17°12	21°49	21°45	M10
T 11	9 54 32	0♓17'58	27° 2	17°23	15°23	21°16	28°34	6° 1	21°25	17°30	1°33	16°12	17° 9	21°56	21°42	T 11
W12	9 58 29	1°18'10	10♓45	17°47	16°12	21°55	28°47	6° 4	21°25	17°30	1°35	16°D12	17° 6	22° 3	21°39	W12
T 13	10 2 25	2°18'21	24°41	18° 1	17° 2	22°35	29° 0	6° 6	21°26	17°30	1°37	16°12	17° 3	22°10	21°36	T 13
F 14	10 6 22	3°18'29	8♈48	18°R 5	17°53	23°15	29°13	6° 8	21°26	17°30	1°38	16°12	17° 0	22°16	21°33	F 14
S 15	10 10 18	4°18'36	23° 2	18° 1	18°45	23°54	29°26	6°10	21°26	17°30	1°40	16°13	16°56	22°23	21°31	S 15
S 16	10 14 15	5°18'40	7♉19	17°47	19°37	24°34	29°39	6°12	21°R26	17°30	1°42	16°14	16°53	22°30	21°28	S 16
M17	10 18 11	6°18'42	21°35	17°24	20°29	25°14	29°51	6°14	21°26	17°30	1°43	16°15	16°50	22°36	21°26	M17
T 18	10 22 8	7°18'42	5♊48	16°54	21°23	25°53	0♒ 4	6°16	21°26	17°29	1°45	16°R15	16°47	22°43	21°23	T 18
W19	10 26 4	8°18'40	19°56	16°16	22°17	26°33	0°17	6°18	21°26	17°29	1°46	16°15	16°44	22°50	21°21	W19
T 20	10 30 1	9°18'36	3♋57	15°32	23°11	27°13	0°29	6°20	21°26	17°29	1°48	16°15	16°40	22°57	21°18	T 20
F 21	10 33 58	10°18'29	17°48	14°43	24° 7	27°52	0°42	6°21	21°25	17°28	1°50	16°14	16°37	23° 3	21°16	F 21
S 22	10 37 54	11°18'20	1♌28	13°49	25° 2	28°32	0°54	6°23	21°25	17°28	1°51	16°13	16°34	23°10	21°14	S 22
S 23	10 41 51	12°18'09	14°57	12°53	25°58	29°11	1° 6	6°24	21°25	17°27	1°53	16°13	16°31	23°17	21°12	S 23
M24	10 45 47	13°17'56	28°12	11°56	26°55	29°51	1°19	6°25	21°24	17°27	1°55	16°13	16°28	23°23	21°10	M24
T 25	10 49 44	14°17'40	11♍13	10°58	27°52	0♑31	1°31	6°26	21°24	17°27	1°56	16°D12	16°25	23°30	21° 8	T 25
W26	10 53 40	15°17'23	23°59	10° 1	28°50	1°10	1°43	6°27	21°23	17°26	1°58	16°12	16°21	23°37	21° 6	W26
T 27	10 57 37	16°17'03	6♎32	9° 7	29°48	1°50	1°55	6°28	21°23	17°25	1°59	16°R12	16°18	23°44	21° 5	T 27
F 28	11 1 33	17♓16'42	18♎51	8♓16	0♒46	2♑29	2♒ 7	6♐29	21♏22	17♏25	2♓ 1	16♍12	16♍15	23♏50	21♋ 3	F 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14s47	6s 6	3n 8	9s17	0s 6	18s 2	5n16	22s29	0n 9	21s19	0s22	19s31	1n49	17s53	0n18	15s23	1n48	23s16	13s 8	5n22	4n53	13s36	14n28	7s18
S 2	14 28	9 33	3 57	8 31	0n 7	18 5	5 10	22 34	0 8	21 16	0 22	19 32	1 49	17 53	0 18	15 23	1 48	23 15	13 8	5 22	4 54	13 37	14 29	7 18
M 3	14 9	12 35	4 34	7 45	0 21	18 8	5 4	22 39	0 8	21 14	0 22	19 32	1 49	17 53	0 18	15 23	1 48	23 15	13 8	5 21	4 56	13 38	14 30	7 18
T 4	13 49	15 6	5 0	7 1	0 35	18 11	4 58	22 44	0 7	21 11	0 22	19 33	1 49	17 53	0 18	15 23	1 48	23 14	13 8	5 21	4 57	13 40	14 31	7 17
W 5	13 29	16 58	5 13	6 18	0 49	18 14	4 52	22 49	0 6	21 9	0 22	19 33	1 49	17 53	0 18	15 23	1 48	23 14	13 8	5 22	4 58	13 41	14 32	7 17
T 6	13 9	18 8	5 13	5 37	1 4	18 16	4 46	22 54	0 5	21 6	0 22	19 33	1 49	17 53	0 18	15 23	1 48	23 13	13 8	5 23	4 59	13 42	14 33	7 17
F 7	12 48	18 28	4 58	4 58	1 19	18 19	4 40	22 58	0 4	21 4	0 22	19 34	1 49	17 54	0 18	15 23	1 48	23 12	13 8	5 24	5 1	13 44	14 33	7 16
S 8	12 28	17 55	4 29	4 22	1 34	18 21	4 34	23 2	0 3	21 1	0 22	19 34	1 50	17 54	0 18	15 23	1 48	23 12	13 8	5 25	5 2	13 45	14 34	7 16
S 9	12 7	16 26	3 46	3 49	1 49	18 22	4 28	23 7	0 2	20 59	0 23	19 35	1 50	17 54	0 18	15 23	1 49	23 11	13 8	5 26	5 3	13 46	14 35	7 15
M10	11 46	14 5	2 51	3 19	2 3	18 24	4 21	23 10	0 1	20 56	0 23	19 35	1 50	17 54	0 18	15 23	1 49	23 11	13 8	5 27	5 4	13 48	14 36	7 15
T 11	11 24	10 55	1 44	2 53	2 18	18 25	4 15	23 14	0 0	20 54	0 23	19 35	1 50	17 54	0 18	15 23	1 49	23 10	13 8	5 28	5 6	13 49	14 37	7 14
W12	11 3	7 6	0 30	2 31	2 32	18 26	4 8	23 18	0s 1	20 51	0 23	19 35	1 50	17 54	0 18	15 23	1 49	23 9	13 8	5 28	5 7	13 50	14 38	7 14
T 13	10 41	2 50	0s47	2 14	2 45	18 26	4 2	23 21	0 2	20 49	0 23	19 36	1 50	17 54	0 18	15 23	1 49	23 9	13 8	5 28	5 8	13 52	14 39	7 13
F 14	10 20	1n38	2 2	2 1	2 57	18 26	3 56	23 24	0 3	20 46	0 23	19 36	1 50	17 54	0 18	15 23	1 49	23 8	13 8	5 28	5 9	13 53	14 40	7 13
S 15	9 58	6 3	3 10	1 52	3 8	18 26	3 49	23 27	0 4	20 44	0 23	19 36	1 50	17 54	0 18	15 22	1 49	23 8	13 8	5 27	5 11	13 54	14 41	7 12
S 16	9 36	10 7	4 7	1 48	3 18	18 25	3 43	23 30	0 5	20 41	0 24	19 36	1 51	17 54	0 18	15 22	1 49	23 7	13 8	5 27	5 12	13 56	14 42	7 12
M17	9 14	13 35	4 48	1 49	3 26	18 24	3 36	23 32	0 6	20 38	0 24	19 37	1 51	17 54	0 18	15 22	1 49	23 7	13 8	5 27	5 13	13 57	14 43	7 11
T 18	8 51	16 14	5 12	1 55	3 33	18 22	3 30	23 35	0 7	20 36	0 24	19 37	1 51	17 54	0 18	15 22	1 49	23 6	13 8	5 27	5 14	13 58	14 44	7 11
W19	8 29	17 53	5 16	2 5	3 38	18 20	3 23	23 37	0 8	20 33	0 24	19 37	1 51	17 54	0 18	15 22	1 49	23 5	13 8	5 27	5 15	13 59	14 44	7 10
T 20	8 6	18 26	5 2	2 20	3 41	18 18	3 17	23 39	0 9	20 31	0 24	19 37	1 51	17 54	0 18	15 22	1 49	23 5	13 8	5 27	5 17	14 1	14 45	7 10
F 21	7 44	17 52	4 30	2 38	3 42	18 15	3 10	23 41	0 10	20 28	0 24	19 37	1 51	17 54	0 18	15 22	1 49	23 4	13 8	5 27	5 18	14 2	14 46	7 9
S 22	7 21	16 16	3 43	2 59	3 41	18 11	3 4	23 42	0 11	20 26	0 24	19 37	1 51	17 54	0 18	15 21	1 49	23 4	13 8	5 27	5 19	14 3	14 47	7 9
S 23	6 58	13 47	2 45	3 24	3 38	18 8	2 57	23 44	0 12	20 23	0 24	19 37	1 52	17 54	0 18	15 21	1 49	23 3	13 8	5 28	5 20	14 5	14 48	7 8
M24	6 35	10 36	1 38	3 50	3 33	18 3	2 51	23 45	0 13	20 20	0 25	19 38	1 52	17 54	0 18	15 21	1 49	23 3	13 8	5 28	5 22	14 6	14 49	7 7
T 25	6 12	6 58	0 28	4 18	3 26	17 59	2 44	23 46	0 15	20 18	0 25	19 38	1 52	17 54	0 18	15 21	1 49	23 2	13 9	5 28	5 23	14 7	14 50	7 7
W26	5 49	3 3	0n43	4 48	3 17	17 53	2 38	23 47	0 16	20 15	0 25	19 38	1 52	17 53	0 18	15 21	1 49	23 2	13 9	5 28	5 24	14 9	14 50	7 6
T 27	5 26	0s55	1 50	5 18	3 7	17 48	2 32	23 48	0 17	20 13	0 25	19 38	1 52	17 53	0 18	15 21	1 50	23 1	13 9	5 28	5 25	14 10	14 51	7 6
F 28	5s 3	4s46	2n51	5s47	2n55	17s42	2n25	23s48	0s18	20s10	0s25	19s38	1n52	17s53	0n18	15s20	1n50	23s 1	13s 9	5n28	5n27	14s11	14n52	7s 5

Julian Day Number = 2199201.5, Delta T = 10m10s
Ecliptic obliquity = 23°31'35, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°06'15, Lahiri = 14°13'15 Julian Calendar 1 Feb. 1309 == Greg. Calendar 9 Feb. 1309

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ASTRODIENST EPHEMERIS for the year 1309
geocentric

MARCH 1309 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	11 5 30	18♓16'19	0♏58	7°R28	1♒45	3♑ 9	2♒19	6♐30	21°R22	17°R24	2♓ 3	16°R12	16♍12	23♏57	21°R 2	S 1
S 2	11 9 27	19°15'53	12°57	6♓46	2°45	3°48	2°31	6°31	21♏21	17♏24	2° 4	16♍12	16° 9	24° 4	21♋ 0	S 2
M 3	11 13 23	20°15'26	24°51	6° 9	3°44	4°28	2°43	6°31	21°20	17°23	2° 6	16°11	16° 5	24°10	20°59	M 3
T 4	11 17 20	21°14'58	6♐43	5°37	4°45	5° 8	2°54	6°32	21°19	17°22	2° 7	16°11	16° 2	24°17	20°58	T 4
W 5	11 21 16	22°14'27	18°39	5°12	5°45	5°47	3° 6	6°32	21°19	17°22	2° 9	16°D11	15°59	24°24	20°57	W 5
T 6	11 25 13	23°13'55	0♑41	4°52	6°46	6°27	3°17	6°32	21°18	17°21	2°10	16°11	15°56	24°31	20°56	T 6
F 7	11 29 9	24°13'21	12°56	4°38	7°47	7° 6	3°29	6°32	21°17	17°20	2°12	16°11	15°53	24°37	20°55	F 7
S 8	11 33 6	25°12'45	25°27	4°31	8°48	7°45	3°40	6°R32	21°16	17°19	2°13	16°12	15°50	24°44	20°54	S 8
S 9	11 37 2	26°12'07	8♒18	4°D29	9°50	8°25	3°51	6°32	21°15	17°18	2°15	16°13	15°46	24°51	20°53	S 9
M10	11 40 59	27°11'27	21°32	4°33	10°52	9° 4	4° 3	6°32	21°14	17°17	2°16	16°14	15°43	24°57	20°53	M10
T 11	11 44 55	28°10'46	5♓10	4°42	11°55	9°44	4°14	6°32	21°13	17°17	2°18	16°15	15°40	25° 4	20°52	T 11
W12	11 48 52	29°10'02	19°10	4°57	12°57	10°23	4°25	6°32	21°11	17°16	2°19	16°R15	15°37	25°11	20°52	W12
T 13	11 52 49	0♈ 9'16	3♈29	5°17	14° 0	11° 2	4°35	6°31	21°10	17°15	2°21	16°14	15°34	25°17	20°52	T 13
F 14	11 56 45	1° 8'28	18° 4	5°41	15° 3	11°42	4°46	6°31	21° 9	17°14	2°22	16°13	15°31	25°24	20°51	F 14
S 15	12 0 42	2° 7'38	2♉46	6°10	16° 7	12°21	4°57	6°30	21° 8	17°13	2°24	16°11	15°27	25°31	20°D51	S 15
S 16	12 4 38	3° 6'46	17°30	6°44	17°11	13° 0	5° 7	6°29	21° 6	17°12	2°25	16° 9	15°24	25°38	20°51	S 16
M17	12 8 35	4° 5'52	2♊ 8	7°21	18°14	13°39	5°18	6°29	21° 5	17°11	2°27	16° 7	15°21	25°44	20°52	M17
T 18	12 12 31	5° 4'55	16°35	8° 3	19°19	14°19	5°28	6°28	21° 3	17° 9	2°28	16° 5	15°18	25°51	20°52	T 18
W19	12 16 28	6° 3'56	0♋47	8°48	20°23	14°58	5°39	6°27	21° 2	17° 8	2°29	16°D 5	15°15	25°58	20°52	W19
T 20	12 20 24	7° 2'55	14°42	9°36	21°27	15°37	5°49	6°25	21° 0	17° 7	2°31	16° 5	15°11	26° 4	20°52	T 20
F 21	12 24 21	8° 1'51	28°20	10°28	22°32	16°16	5°59	6°24	20°59	17° 6	2°32	16° 6	15° 8	26°11	20°53	F 21
S 22	12 28 18	9° 0'45	11♌41	11°23	23°37	16°55	6° 9	6°23	20°57	17° 5	2°34	16° 7	15° 5	26°18	20°54	S 22
S 23	12 32 14	9°59'36	24°46	12°20	24°42	17°34	6°18	6°21	20°56	17° 4	2°35	16° 8	15° 2	26°25	20°54	S 23
M24	12 36 11	10°58'25	7♍38	13°21	25°48	18°13	6°28	6°20	20°54	17° 2	2°36	16°10	14°59	26°31	20°55	M24
T 25	12 40 7	11°57'12	20°17	14°24	26°53	18°52	6°38	6°18	20°52	17° 1	2°38	16°R10	14°56	26°38	20°56	T 25
W26	12 44 4	12°55'57	2♎45	15°30	27°59	19°31	6°47	6°17	20°50	17° 0	2°39	16° 9	14°52	26°45	20°57	W26
T 27	12 48 0	13°54'40	15° 3	16°39	29° 5	20°10	6°56	6°15	20°49	16°59	2°40	16° 6	14°49	26°51	20°58	T 27
F 28	12 51 57	14°53'21	27°13	17°50	0♓11	20°49	7° 6	6°13	20°47	16°57	2°42	16° 2	14°46	26°58	21° 0	F 28
S 29	12 55 53	15°52'00	9♏15	19° 3	1°17	21°28	7°15	6°11	20°45	16°56	2°43	15°58	14°43	27° 5	21° 1	S 29
S 30	12 59 50	16°50'37	21°11	20°18	2°23	22° 7	7°24	6° 9	20°43	16°55	2°44	15°52	14°40	27°12	21° 2	S 30
M31	13 3 47	17♈49'12	3♐ 4	21♓35	3♓30	22♑45	7♒33	6♐ 7	20♏41	16♏53	2♓45	15♍47	14♍36	27♏18	21♋ 4	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	4s39	8s22	3n44	6s17	2n43	17s35	2n19	23s49	0s19	20s 8	0s25	19s38	1n52	17s53	0n18	15s20	1n50	23s 0	13s 9	5n28	5n28	14s13	14n53	7s 4
S 2	4 16	11 34	4 25	6 45	2 29	17 28	2 13	23 49	0 20	20 5	0 26	19 38	1 52	17 53	0 18	15 20	1 50	23 0	13 9	5 28	5 29	14 14	14 54	7 4
M 3	3 52	14 16	4 55	7 12	2 15	17 20	2 7	23 49	0 22	20 2	0 26	19 38	1 53	17 53	0 18	15 20	1 50	22 59	13 9	5 28	5 30	14 15	14 55	7 3
T 4	3 29	16 22	5 13	7 37	2 0	17 12	2 0	23 48	0 23	20 0	0 26	19 38	1 53	17 52	0 18	15 19	1 50	22 59	13 9	5 28	5 32	14 16	14 55	7 3
W 5	3 5	17 47	5 17	8 0	1 45	17 3	1 54	23 48	0 24	19 57	0 26	19 38	1 53	17 52	0 18	15 19	1 50	22 58	13 9	5 28	5 33	14 18	14 56	7 2
T 6	2 42	18 24	5 7	8 22	1 30	16 54	1 48	23 47	0 25	19 55	0 26	19 37	1 53	17 52	0 18	15 19	1 50	22 58	13 10	5 28	5 34	14 19	14 57	7 1
F 7	2 18	18 12	4 43	8 41	1 15	16 45	1 42	23 47	0 27	19 52	0 26	19 37	1 53	17 52	0 18	15 19	1 50	22 58	13 10	5 28	5 35	14 20	14 58	7 1
S 8	1 55	17 6	4 6	8 58	1 0	16 35	1 36	23 46	0 28	19 50	0 26	19 37	1 53	17 51	0 18	15 18	1 50	22 57	13 10	5 28	5 37	14 22	14 58	7 0
S 9	1 31	15 7	3 15	9 12	0 45	16 24	1 30	23 45	0 29	19 47	0 27	19 37	1 53	17 51	0 18	15 18	1 50	22 57	13 10	5 27	5 38	14 23	14 59	6 59
M10	1 7	12 17	2 13	9 24	0 31	16 13	1 24	23 43	0 30	19 45	0 27	19 37	1 54	17 51	0 18	15 18	1 50	22 56	13 10	5 27	5 39	14 24	15 0	6 59
T 11	0 44	8 42	1 1	9 34	0 17	16 1	1 19	23 42	0 32	19 42	0 27	19 37	1 54	17 51	0 18	15 17	1 50	22 56	13 10	5 27	5 40	14 25	15 1	6 58
W12	0 20	4 33	0s16	9 41	0 3	15 49	1 13	23 40	0 33	19 40	0 27	19 37	1 54	17 50	0 18	15 17	1 50	22 56	13 11	5 27	5 41	14 27	15 1	6 57
T 13	0n 4	0 3	1 34	9 46	0s11	15 37	1 7	23 38	0 34	19 38	0 27	19 36	1 54	17 50	0 18	15 17	1 50	22 55	13 11	5 27	5 43	14 28	15 2	6 57
F 14	0 27	4n32	2 47	9 49	0 23	15 24	1 1	23 36	0 36	19 35	0 27	19 36	1 54	17 50	0 18	15 17	1 50	22 55	13 11	5 27	5 44	14 29	15 3	6 56
S 15	0 51	8 53	3 50	9 50	0 36	15 11	0 56	23 34	0 37	19 33	0 28	19 36	1 54	17 49	0 18	15 16	1 50	22 54	13 11	5 28	5 45	14 31	15 3	6 55
S 16	1 15	12 41	4 37	9 48	0 47	14 57	0 50	23 32	0 38	19 30	0 28	19 36	1 54	17 49	0 18	15 16	1 50	22 54	13 11	5 29	5 46	14 32	15 4	6 55
M17	1 38	15 40	5 6	9 45	0 58	14 42	0 45	23 29	0 40	19 28	0 28	19 35	1 54	17 48	0 18	15 16	1 50	22 54	13 12	5 30	5 48	14 33	15 5	6 54
T 18	2 2	17 37	5 15	9 39	1 9	14 28	0 40	23 26	0 41	19 25	0 28	19 35	1 54	17 48	0 18	15 15	1 50	22 53	13 12	5 30	5 49	14 34	15 5	6 53
W19	2 25	18 26	5 5	9 31	1 19	14 12	0 34	23 23	0 43	19 23	0 28	19 35	1 55	17 48	0 18	15 15	1 50	22 53	13 12	5 31	5 50	14 36	15 6	6 53
T 20	2 48	18 7	4 37	9 22	1 28	13 57	0 29	23 20	0 44	19 21	0 28	19 35	1 55	17 47	0 18	15 14	1 51	22 53	13 12	5 31	5 51	14 37	15 7	6 52
F 21	3 12	16 45	3 54	9 10	1 37	13 41	0 24	23 17	0 46	19 18	0 29	19 34	1 55	17 47	0 18	15 14	1 51	22 52	13 12	5 30	5 53	14 38	15 7	6 51
S 22	3 35	14 29	2 59	8 57	1 45	13 24	0 19	23 14	0 47	19 16	0 29	19 34	1 55	17 46	0 18	15 14	1 51	22 52	13 13	5 30	5 54	14 39	15 8	6 51
S 23	3 58	11 30	1 55	8 42	1 53	13 7	0 14	23 10	0 48	19 14	0 29	19 34	1 55	17 46	0 18	15 13	1 51	22 52	13 13	5 29	5 55	14 41	15 8	6 50
M24	4 21	8 1	0 47	8 25	2 0	12 50	0 9	23 6	0 50	19 12	0 29	19 33	1 55	17 46	0 18	15 13	1 51	22 51	13 13	5 29	5 56	14 42	15 9	6 49
T 25	4 45	4 13	0n23	8 6	2 6	12 32	0 4	23 3	0 52	19 9	0 29	19 33	1 55	17 45	0 18	15 13	1 51	22 51	13 13	5 29	5 58	14 43	15 9	6 49
W26	5 8	0 16	1 30	7 46	2 12	12 14	0s 1	22 59	0 53	19 7	0 29	19 32	1 55	17 45	0 18	15 12	1 51	22 51	13 13	5 29	5 59	14 44	15 10	6 48
T 27	5 30	3s37	2 32	7 24	2 18	11 55	0 5	22 54	0 55	19 5	0 30	19 32	1 56	17 44	0 18	15 12	1 51	22 51	13 14	5 30	6 0	14 46	15 10	6 47
F 28	5 53	7 19	3 26	7 1	2 22	11 36	0 10	22 50	0 56	19 3	0 30	19 32	1 56	17 44	0 18	15 11	1 51	22 50	13 14	5 32	6 1	14 47	15 11	6 47
S 29	6 16	10 40	4 10	6 36	2 26	11 17	0 14	22 45	0 58	19 1	0 30	19 31	1 56	17 43	0 18	15 11	1 51	22 50	13 14	5 33	6 2	14 48	15 11	6 46
S 30	6 39	13 34	4 44	6 9	2 30	10 57	0 19	22 41	0 59	18 59	0 30	19 31	1 56	17 43	0 18	15 11	1 51	22 50	13 14	5 36	6 4	14 49	15 12	6 45
M31	7n 1	15s52	5n 4	5s41	2s33	10s37	0s23	22s36	1s 1	18s57	0s30	19s30	1n56	17s42	0n18	15s10	1n51	22s50	13s15	5n38	6n 5	14s51	15n12	6s45

Julian Day Number = 2199229.5, Delta T = 10m10s
Ecliptic obliquity = 23°31'36, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°06'19, Lahiri = 14°13'19 Julian Calendar 1 March 1309 == Greg. Calendar 9 March 1309

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ASTRODIENST EPHEMERIS for the year 1309
geocentric

APRIL 1309 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	13 7 43	18♈47'46	14♐56	22♓55	4♓36	23♉24	7♒41	6°R 5	20°R39	16°R52	2♓46	15°R42	14♍33	27♏25	21♋ 5	T 1
W 2	13 11 40	19°46'17	26°51	24°16	5°43	24° 3	7°50	6♐ 2	20♏37	16♏51	2°48	15♍38	14°30	27°32	21° 7	W 2
T 3	13 15 36	20°44'47	8♉52	25°40	6°50	24°42	7°58	6° 0	20°35	16°49	2°49	15°36	14°27	27°39	21° 9	T 3
F 4	13 19 33	21°43'16	21° 4	27° 5	7°57	25°20	8° 7	5°58	20°33	16°48	2°50	15°D35	14°24	27°45	21°11	F 4
S 5	13 23 29	22°41'43	3♒32	28°33	9° 5	25°59	8°15	5°55	20°31	16°46	2°51	15°35	14°21	27°52	21°13	S 5
S 6	13 27 26	23°40'08	16°19	0♈ 2	10°12	26°37	8°23	5°52	20°29	16°45	2°52	15°37	14°17	27°59	21°15	S 6
M 7	13 31 22	24°38'31	29°30	1°33	11°19	27°16	8°31	5°50	20°27	16°43	2°53	15°38	14°14	28° 5	21°17	M 7
T 8	13 35 19	25°36'53	13♓ 8	3° 6	12°27	27°54	8°39	5°47	20°25	16°42	2°55	15°R39	14°11	28°12	21°19	T 8
W 9	13 39 15	26°35'13	27°13	4°41	13°35	28°32	8°46	5°44	20°22	16°40	2°56	15°38	14° 8	28°19	21°22	W 9
T 10	13 43 12	27°33'32	11♈44	6°17	14°43	29°11	8°54	5°41	20°20	16°39	2°57	15°36	14° 5	28°26	21°24	T 10
F 11	13 47 9	28°31'49	26°35	7°56	15°51	29°49	9° 1	5°38	20°18	16°37	2°58	15°32	14° 2	28°32	21°27	F 11
S 12	13 51 5	29°30'04	11♉39	9°36	16°59	0♒27	9° 8	5°35	20°16	16°36	2°59	15°26	13°58	28°39	21°30	S 12
S 13	13 55 2	0♉28'17	26°47	11°18	18° 7	1° 5	9°15	5°32	20°13	16°34	3° 0	15°19	13°55	28°46	21°32	S 13
M14	13 58 58	1°26'28	11♊48	13° 2	19°15	1°43	9°22	5°29	20°11	16°33	3° 1	15°13	13°52	28°52	21°35	M14
T 15	14 2 55	2°24'38	26°34	14°47	20°23	2°21	9°29	5°25	20° 9	16°31	3° 2	15° 7	13°49	28°59	21°38	T 15
W16	14 6 51	3°22'45	10♋59	16°35	21°32	2°59	9°36	5°22	20° 6	16°30	3° 3	15° 3	13°46	29° 6	21°41	W16
T 17	14 10 48	4°20'50	24°59	18°24	22°40	3°37	9°42	5°19	20° 4	16°28	3° 4	15° 1	13°42	29°13	21°44	T 17
F 18	14 14 44	5°18'54	8♌35	20°15	23°49	4°14	9°49	5°15	20° 2	16°27	3° 4	15°D 1	13°39	29°19	21°48	F 18
S 19	14 18 41	6°16'55	21°48	22° 8	24°58	4°52	9°55	5°12	19°59	16°25	3° 5	15° 1	13°36	29°26	21°51	S 19
S 20	14 22 38	7°14'55	4♍42	24° 3	26° 6	5°29	10° 1	5° 8	19°57	16°23	3° 6	15° 2	13°33	29°33	21°54	S 20
M21	14 26 34	8°12'52	17°18	25°59	27°15	6° 7	10° 7	5° 4	19°54	16°22	3° 7	15°R 3	13°30	29°39	21°58	M21
T 22	14 30 31	9°10'48	29°42	27°58	28°24	6°44	10°12	5° 1	19°52	16°20	3° 8	15° 2	13°27	29°46	22° 1	T 22
W23	14 34 27	10° 8'42	11♎55	29°58	29°33	7°22	10°18	4°57	19°50	16°19	3° 9	14°58	13°23	29°53	22° 5	W23
T 24	14 38 24	11° 6'34	24° 1	2♌ 0	0♈42	7°59	10°23	4°53	19°47	16°17	3° 9	14°52	13°20	29°59	22° 9	T 24
F 25	14 42 20	12° 4'25	6♏ 1	4° 3	1°52	8°36	10°28	4°49	19°45	16°15	3°10	14°44	13°17	0♐ 6	22°13	F 25
S 26	14 46 17	13° 2'14	17°57	6° 8	3° 1	9°13	10°33	4°45	19°42	16°14	3°11	14°34	13°14	0°13	22°16	S 26
S 27	14 50 13	14° 0'01	29°51	8°15	4°10	9°50	10°38	4°41	19°40	16°12	3°12	14°23	13°11	0°20	22°20	S 27
M28	14 54 10	14°57'48	11♐43	10°22	5°20	10°27	10°43	4°37	19°37	16°10	3°12	14°12	13° 8	0°26	22°24	M28
T 29	14 58 7	15°55'33	23°36	12°31	6°29	11° 4	10°47	4°33	19°35	16° 9	3°13	14° 1	13° 4	0°33	22°29	T 29
W30	15 2 3	16♉53'16	5♉32	14♉41	7♈39	11♒40	10♒52	4♐29	19♏32	16♏ 7	3♓14	13♍53	13♍ 1	0♐40	22♋33	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	7n23	17s31	5n12	5s12	2s36	10s17	0s27	22s31	1s 3	18s54	0s31	19s30	1n56	17s42	0n18	15s10	1n51	22s49	13s15	5n40	6n 6	14s52	15n13	6s44
W 2	7 46	18 24	5 6	4 41	2 37	9 56	0 31	22 26	1 4	18 52	0 31	19 29	1 56	17 41	0 18	15 9	1 51	22 49	13 15	5 41	6 7	14 53	15 13	6 43
T 3	8 8	18 28	4 47	4 9	2 39	9 35	0 35	22 21	1 6	18 50	0 31	19 29	1 56	17 41	0 18	15 9	1 51	22 49	13 15	5 42	6 9	14 54	15 14	6 42
F 4	8 30	17 41	4 14	3 36	2 40	9 13	0 39	22 15	1 7	18 48	0 31	19 28	1 56	17 40	0 18	15 9	1 51	22 49	13 16	5 42	6 10	14 55	15 14	6 42
S 5	8 52	16 3	3 29	3 2	2 40	8 52	0 43	22 10	1 9	18 46	0 31	19 28	1 56	17 39	0 18	15 8	1 51	22 49	13 16	5 42	6 11	14 57	15 14	6 41
S 6	9 13	13 34	2 33	2 26	2 40	8 30	0 47	22 4	1 11	18 45	0 32	19 27	1 56	17 39	0 18	15 8	1 51	22 48	13 16	5 42	6 12	14 58	15 15	6 40
M 7	9 35	10 20	1 27	1 49	2 39	8 7	0 51	21 58	1 13	18 43	0 32	19 27	1 57	17 38	0 18	15 7	1 51	22 48	13 17	5 41	6 14	14 59	15 15	6 40
T 8	9 56	6 26	0 14	1 10	2 37	7 45	0 54	21 52	1 14	18 41	0 32	19 26	1 57	17 38	0 18	15 7	1 51	22 48	13 17	5 41	6 15	15 0	15 15	6 39
W 9	10 17	2 4	1s 2	0 31	2 36	7 22	0 58	21 46	1 16	18 39	0 32	19 26	1 57	17 37	0 18	15 6	1 51	22 48	13 17	5 41	6 16	15 2	15 16	6 39
T 10	10 39	2n34	2 17	0n10	2 33	6 59	1 1	21 40	1 18	18 37	0 32	19 25	1 57	17 37	0 18	15 6	1 51	22 48	13 17	5 42	6 17	15 3	15 16	6 38
F 11	10 59	7 8	3 23	0 52	2 30	6 35	1 4	21 34	1 20	18 35	0 33	19 24	1 57	17 36	0 18	15 5	1 51	22 48	13 18	5 43	6 18	15 4	15 16	6 37
S 12	11 20	11 19	4 17	1 34	2 27	6 12	1 8	21 27	1 21	18 34	0 33	19 24	1 57	17 35	0 18	15 5	1 51	22 48	13 18	5 46	6 20	15 5	15 16	6 37
S 13	11 41	14 46	4 52	2 18	2 22	5 48	1 11	21 21	1 23	18 32	0 33	19 23	1 57	17 35	0 18	15 5	1 51	22 48	13 18	5 48	6 21	15 6	15 17	6 36
M14	12 1	17 12	5 8	3 3	2 18	5 24	1 14	21 14	1 25	18 30	0 33	19 23	1 57	17 34	0 18	15 4	1 51	22 47	13 19	5 51	6 22	15 8	15 17	6 35
T 15	12 21	18 27	5 2	3 48	2 13	5 0	1 17	21 7	1 27	18 29	0 33	19 22	1 57	17 34	0 18	15 4	1 51	22 47	13 19	5 53	6 23	15 9	15 17	6 35
W16	12 41	18 28	4 37	4 35	2 7	4 35	1 19	21 0	1 29	18 27	0 34	19 21	1 57	17 33	0 18	15 3	1 51	22 47	13 19	5 55	6 25	15 10	15 17	6 34
T 17	13 1	17 20	3 57	5 22	2 1	4 10	1 22	20 53	1 31	18 26	0 34	19 21	1 57	17 32	0 18	15 3	1 51	22 47	13 20	5 55	6 26	15 11	15 17	6 33
F 18	13 20	15 14	3 3	6 11	1 54	3 46	1 25	20 46	1 33	18 24	0 34	19 20	1 57	17 32	0 18	15 2	1 51	22 47	13 20	5 56	6 27	15 12	15 17	6 33
S 19	13 40	12 22	2 2	6 59	1 47	3 20	1 27	20 39	1 34	18 23	0 34	19 19	1 57	17 31	0 18	15 2	1 51	22 47	13 20	5 55	6 28	15 14	15 18	6 32
S 20	13 59	8 58	0 55	7 49	1 40	2 55	1 29	20 31	1 36	18 21	0 34	19 19	1 57	17 30	0 18	15 1	1 51	22 47	13 20	5 55	6 29	15 15	15 18	6 31
M21	14 18	5 13	0n12	8 39	1 32	2 30	1 32	20 24	1 38	18 20	0 35	19 18	1 57	17 30	0 18	15 1	1 51	22 47	13 21	5 55	6 31	15 16	15 18	6 31
T 22	14 36	1 19	1 18	9 29	1 23	2 4	1 34	20 16	1 40	18 19	0 35	19 17	1 57	17 29	0 18	15 0	1 51	22 47	13 21	5 55	6 32	15 17	15 18	6 30
W23	14 55	2s36	2 19	10 20	1 14	1 39	1 36	20 9	1 42	18 17	0 35	19 16	1 57	17 28	0 18	15 0	1 51	22 47	13 21	5 56	6 33	15 18	15 18	6 30
T 24	15 13	6 22	3 13	11 11	1 5	1 13	1 38	20 1	1 44	18 16	0 35	19 16	1 57	17 28	0 18	14 59	1 51	22 47	13 22	5 59	6 34	15 20	15 18	6 29
F 25	15 31	9 50	3 58	12 3	0 56	0 47	1 40	19 53	1 46	18 15	0 36	19 15	1 57	17 27	0 18	14 59	1 51	22 47	13 22	6 2	6 36	15 21	15 18	6 28
S 26	15 49	12 53	4 32	12 54	0 46	0 21	1 42	19 45	1 48	18 14	0 36	19 14	1 57	17 26	0 18	14 59	1 51	22 47	13 22	6 6	6 37	15 22	15 18	6 28
S 27	16 6	15 24	4 54	13 44	0 36	0n 5	1 44	19 37	1 50	18 13	0 36	19 14	1 58	17 26	0 18	14 58	1 51	22 47	13 23	6 10	6 38	15 23	15 18	6 27
M28	16 23	17 16	5 3	14 35	0 25	0 31	1 45	19 29	1 53	18 12	0 36	19 13	1 58	17 25	0 18	14 58	1 51	22 47	13 23	6 14	6 39	15 24	15 18	6 27
T 29	16 40	18 23	4 59	15 25	0 15	0 57	1 47	19 21	1 55	18 11	0 36	19 12	1 58	17 24	0 18	14 57	1 51	22 47	13 23	6 18	6 40	15 26	15 18	6 26
W30	16n57	18s42	4n42	16n14	0s 4	1n23	1s48	19s13	1s57	18s10	0s37	19s11	1n58	17s24	0n18	14s57	1n51	22s47	13s24	6n22	6n42	15s27	15n18	6s26

Julian Day Number = 2199260.5, Delta T = 10m10s
Ecliptic obliquity = 23°31'36, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°06'23, Lahiri = 14°13'23 Julian Calendar 1 Apr. 1309 == Greg. Calendar 9 Apr. 1309

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ASTRODIENST EPHEMERIS for the year 1309
geocentric

MAY 1309 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	15 6 0	17♉50'59	17♋35	16♉52	8♈48	12♒17	10♒56	4°R25	19°R30	16°R 6	3♓14	13°R46	12♍58	0♐47	22♋37	T 1
F 2	15 9 56	18°48'40	29°46	19° 3	9°58	12°53	11° 0	4♐21	19♏27	16♏ 4	3°15	13♍42	12°55	0°53	22°41	F 2
S 3	15 13 53	19°46'21	12♒11	21°14	11° 8	13°29	11° 4	4°17	19°25	16° 2	3°15	13°40	12°52	1° 0	22°46	S 3
S 4	15 17 49	20°44'00	24°55	23°26	12°18	14° 6	11° 7	4°13	19°22	16° 1	3°16	13°D40	12°48	1° 7	22°50	S 4
M 5	15 21 46	21°41'38	8♓ 0	25°37	13°27	14°42	11°11	4° 8	19°20	15°59	3°16	13°R41	12°45	1°14	22°55	M 5
T 6	15 25 42	22°39'15	21°32	27°48	14°37	15°18	11°14	4° 4	19°17	15°57	3°17	13°40	12°42	1°20	23° 0	T 6
W 7	15 29 39	23°36'51	5♈32	29°58	15°47	15°53	11°17	4° 0	19°15	15°56	3°17	13°39	12°39	1°27	23° 4	W 7
T 8	15 33 36	24°34'26	20° 0	2♊ 7	16°57	16°29	11°20	3°55	19°12	15°54	3°18	13°35	12°36	1°34	23° 9	T 8
F 9	15 37 32	25°32'01	4♉53	4°14	18° 8	17° 5	11°23	3°51	19°10	15°53	3°18	13°28	12°33	1°40	23°14	F 9
S 10	15 41 29	26°29'34	20° 4	6°20	19°18	17°40	11°25	3°47	19° 7	15°51	3°19	13°19	12°29	1°47	23°19	S 10
S 11	15 45 25	27°27'06	5♊23	8°24	20°28	18°15	11°28	3°42	19° 5	15°49	3°19	13° 9	12°26	1°54	23°24	S 11
M12	15 49 22	28°24'37	20°38	10°26	21°38	18°50	11°30	3°38	19° 2	15°48	3°19	12°59	12°23	2° 1	23°29	M12
T 13	15 53 18	29°22'07	5♋39	12°26	22°49	19°25	11°32	3°34	19° 0	15°46	3°20	12°50	12°20	2° 7	23°34	T 13
W14	15 57 15	0♊19'36	20°17	14°24	23°59	20° 0	11°34	3°29	18°57	15°45	3°20	12°43	12°17	2°14	23°40	W14
T 15	16 1 11	1°17'03	4♌28	16°20	25°10	20°34	11°35	3°25	18°55	15°43	3°20	12°38	12°14	2°21	23°45	T 15
F 16	16 5 8	2°14'29	18° 9	18°13	26°20	21° 9	11°37	3°20	18°53	15°42	3°21	12°36	12°10	2°27	23°50	F 16
S 17	16 9 5	3°11'54	1♍24	20° 4	27°31	21°43	11°38	3°16	18°50	15°40	3°21	12°D36	12° 7	2°34	23°56	S 17
S 18	16 13 1	4° 9'18	14°15	21°52	28°41	22°17	11°39	3°11	18°48	15°39	3°21	12°R36	12° 4	2°41	24° 1	S 18
M19	16 16 58	5° 6'40	26°46	23°37	29°52	22°51	11°40	3° 7	18°45	15°37	3°21	12°35	12° 1	2°48	24° 7	M19
T 20	16 20 54	6° 4'01	9♎ 2	25°20	1♉ 2	23°25	11°41	3° 3	18°43	15°36	3°21	12°33	11°58	2°54	24°12	T 20
W21	16 24 51	7° 1'21	21° 7	27° 0	2°13	23°58	11°41	2°58	18°41	15°34	3°22	12°28	11°54	3° 1	24°18	W21
T 22	16 28 47	7°58'40	3♏ 6	28°38	3°24	24°31	11°41	2°54	18°38	15°33	3°22	12°21	11°51	3° 8	24°24	T 22
F 23	16 32 44	8°55'59	15° 0	0♋12	4°35	25° 4	11°R41	2°49	18°36	15°31	3°22	12°11	11°48	3°15	24°29	F 23
S 24	16 36 40	9°53'16	26°52	1°44	5°46	25°37	11°41	2°45	18°34	15°30	3°22	11°58	11°45	3°21	24°35	S 24
S 25	16 40 37	10°50'33	8♐45	3°14	6°56	26°10	11°41	2°41	18°32	15°28	3°22	11°45	11°42	3°28	24°41	S 25
M26	16 44 34	11°47'49	20°39	4°40	8° 7	26°42	11°41	2°36	18°29	15°27	3°22	11°31	11°39	3°35	24°47	M26
T 27	16 48 30	12°45'04	2♑36	6° 4	9°18	27°15	11°40	2°32	18°27	15°25	3°R22	11°18	11°35	3°41	24°53	T 27
W28	16 52 27	13°42'19	14°37	7°25	10°29	27°47	11°39	2°28	18°25	15°24	3°22	11° 7	11°32	3°48	24°59	W28
T 29	16 56 23	14°39'33	26°45	8°43	11°40	28°18	11°38	2°23	18°23	15°23	3°22	10°59	11°29	3°55	25° 5	T 29
F 30	17 0 20	15°36'47	9♒ 2	9°58	12°52	28°50	11°37	2°19	18°21	15°21	3°22	10°53	11°26	4° 2	25°11	F 30
S 31	17 4 16	16♊34'01	21♒30	11♋10	14♉ 3	29♒21	11♒35	2♐15	18♏19	15♏20	3♓22	10♍50	11♍23	4♐ 8	25♋18	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17n13	18s11	4n13	17n 2	0n 6	1n50	1s49	19s 5	1s59	18s 9	0s37	19s11	1n58	17s23	0n18	14s56	1n51	22s48	13s24	6n24	6n43	15s28	15n17	6s25
F 2	17 29	16 50	3 31	17 49	0 17	2 16	1 51	18 56	2 1	18 8	0 37	19 10	1 58	17 22	0 18	14 56	1 51	22 48	13 25	6 26	6 44	15 29	15 17	6 24
S 3	17 45	14 39	2 39	18 34	0 27	2 42	1 52	18 48	2 3	18 7	0 37	19 9	1 58	17 22	0 18	14 55	1 51	22 48	13 25	6 27	6 45	15 30	15 17	6 24
S 4	18 0	11 43	1 38	19 18	0 37	3 9	1 53	18 40	2 5	18 6	0 38	19 8	1 58	17 21	0 18	14 55	1 51	22 48	13 25	6 27	6 47	15 31	15 17	6 23
M 5	18 15	8 8	0 30	20 0	0 47	3 35	1 54	18 31	2 8	18 5	0 38	19 8	1 58	17 20	0 18	14 54	1 51	22 48	13 26	6 26	6 48	15 33	15 17	6 23
T 6	18 30	4 0	0s42	20 40	0 57	4 1	1 54	18 22	2 10	18 5	0 38	19 7	1 58	17 20	0 18	14 54	1 51	22 48	13 26	6 27	6 49	15 34	15 17	6 22
W 7	18 45	0n28	1 53	21 17	1 6	4 28	1 55	18 14	2 12	18 4	0 38	19 6	1 57	17 19	0 18	14 53	1 51	22 48	13 26	6 27	6 50	15 35	15 16	6 22
T 8	18 59	5 4	3 0	21 53	1 15	4 54	1 56	18 5	2 14	18 4	0 39	19 5	1 57	17 18	0 18	14 53	1 51	22 48	13 27	6 29	6 51	15 36	15 16	6 21
F 9	19 13	9 29	3 56	22 26	1 23	5 20	1 56	17 57	2 17	18 3	0 39	19 4	1 57	17 18	0 18	14 53	1 51	22 49	13 27	6 31	6 53	15 37	15 16	6 21
S 10	19 26	13 22	4 37	22 56	1 31	5 47	1 57	17 48	2 19	18 3	0 39	19 4	1 57	17 17	0 18	14 52	1 51	22 49	13 27	6 35	6 54	15 38	15 15	6 20
S 11	19 40	16 23	4 59	23 24	1 38	6 13	1 57	17 39	2 21	18 2	0 39	19 3	1 57	17 16	0 18	14 52	1 51	22 49	13 28	6 39	6 55	15 39	15 15	6 20
M12	19 53	18 14	4 59	23 49	1 44	6 39	1 58	17 30	2 24	18 2	0 40	19 2	1 57	17 16	0 18	14 51	1 51	22 49	13 28	6 42	6 56	15 41	15 15	6 19
T 13	20 5	18 46	4 38	24 11	1 50	7 5	1 58	17 22	2 26	18 1	0 40	19 1	1 57	17 15	0 18	14 51	1 51	22 49	13 28	6 46	6 58	15 42	15 14	6 19
W14	20 18	18 2	4 0	24 31	1 55	7 31	1 58	17 13	2 28	18 1	0 40	19 1	1 57	17 14	0 18	14 50	1 51	22 50	13 29	6 49	6 59	15 43	15 14	6 18
T 15	20 30	16 11	3 7	24 48	1 59	7 57	1 58	17 4	2 31	18 1	0 40	19 0	1 57	17 14	0 18	14 50	1 51	22 50	13 29	6 50	7 0	15 44	15 14	6 18
F 16	20 41	13 27	2 6	25 2	2 2	8 22	1 58	16 55	2 33	18 1	0 41	18 59	1 57	17 13	0 17	14 49	1 51	22 50	13 29	6 51	7 1	15 45	15 13	6 17
S 17	20 52	10 6	0 59	25 14	2 5	8 48	1 58	16 46	2 36	18 1	0 41	18 58	1 57	17 12	0 17	14 49	1 51	22 50	13 30	6 51	7 2	15 46	15 13	6 17
S 18	21 3	6 21	0n 9	25 23	2 7	9 13	1 57	16 37	2 38	18 1	0 41	18 57	1 57	17 12	0 17	14 49	1 51	22 50	13 30	6 51	7 4	15 47	15 12	6 16
M19	21 14	2 26	1 14	25 30	2 8	9 38	1 57	16 29	2 41	18 1	0 41	18 57	1 57	17 11	0 17	14 48	1 51	22 51	13 31	6 52	7 5	15 49	15 12	6 16
T 20	21 24	1s32	2 15	25 35	2 9	10 3	1 57	16 20	2 43	18 1	0 42	18 56	1 57	17 11	0 17	14 48	1 51	22 51	13 31	6 53	7 6	15 50	15 11	6 15
W21	21 34	5 21	3 9	25 38	2 8	10 28	1 56	16 11	2 46	18 1	0 42	18 55	1 57	17 10	0 17	14 47	1 51	22 51	13 31	6 54	7 7	15 51	15 11	6 15
T 22	21 43	8 56	3 53	25 38	2 7	10 53	1 56	16 2	2 48	18 1	0 42	18 54	1 57	17 9	0 17	14 47	1 51	22 52	13 32	6 57	7 8	15 52	15 10	6 14
F 23	21 52	12 8	4 27	25 37	2 5	11 17	1 55	15 53	2 51	18 1	0 42	18 54	1 57	17 9	0 17	14 47	1 51	22 52	13 32	7 1	7 10	15 53	15 10	6 14
S 24	22 1	14 50	4 49	25 34	2 3	11 42	1 54	15 44	2 53	18 1	0 43	18 53	1 57	17 8	0 17	14 46	1 51	22 52	13 32	7 6	7 11	15 54	15 9	6 14
S 25	22 9	16 55	4 59	25 29	1 59	12 6	1 53	15 36	2 56	18 2	0 43	18 52	1 56	17 7	0 17	14 46	1 51	22 52	13 33	7 11	7 12	15 55	15 9	6 13
M26	22 17	18 17	4 56	25 22	1 55	12 29	1 53	15 27	2 58	18 2	0 43	18 51	1 56	17 7	0 17	14 45	1 51	22 53	13 33	7 16	7 13	15 56	15 8	6 13
T 27	22 25	18 51	4 40	25 14	1 51	12 53	1 52	15 18	3 1	18 3	0 43	18 51	1 56	17 6	0 17	14 45	1 51	22 53	13 33	7 21	7 15	15 58	15 7	6 12
W28	22 32	18 34	4 11	25 4	1 45	13 16	1 51	15 9	3 4	18 3	0 44	18 50	1 56	17 6	0 17	14 45	1 51	22 53	13 34	7 25	7 16	15 59	15 7	6 12
T 29	22 38	17 27	3 30	24 53	1 39	13 39	1 49	15 1	3 6	18 4	0 44	18 49	1 56	17 5	0 17	14 44	1 51	22 54	13 34	7 29	7 17	16 0	15 6	6 12
F 30	22 45	15 30	2 39	24 41	1 32	14 2	1 48	14 52	3 9	18 4	0 44	18 48	1 56	17 5	0 17	14 44	1 51	22 54	13 35	7 31	7 18	16 1	15 5	6 11
S 31	22n51	12s48	1n40	24n28	1n25	14n25	1s47	14s44	3s12	18s 5	0s44	18s48	1n56	17s 4	0n17	14s44	1n51	22s55	13s35	7n32	7n19	16s 2	15n 5	6s11

Julian Day Number = 2199290.5, Delta T = 10m10s
Ecliptic obliquity = 23°31'35, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°06'27, Lahiri = 14°13'28 Julian Calendar 1 May 1309 == Greg. Calendar 9 May 1309

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ASTRODIENST EPHEMERIS for the year 1309
geocentric

JUNE 1309 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	17 8 13	17♊31'14	4♓14	12♋19	15♉14	29♒52	11°R34	2°R11	18°R16	15°R19	3°R22	10°R49	11♍19	4♐15	25♋24	S 1
M 2	17 12 9	18°28'28	17°17	13°25	16°25	0♓23	11♒32	2♐ 6	18♏14	15♏17	3♓21	10♍49	11°16	4°22	25°30	M 2
T 3	17 16 6	19°25'41	0♈43	14°28	17°37	0°53	11°30	2° 2	18°12	15°16	3°21	10°49	11°13	4°28	25°36	T 3
W 4	17 20 3	20°22'54	14°34	15°27	18°48	1°24	11°28	1°58	18°10	15°15	3°21	10°47	11°10	4°35	25°43	W 4
T 5	17 23 59	21°20'06	28°52	16°24	19°59	1°53	11°25	1°54	18° 8	15°14	3°21	10°43	11° 7	4°42	25°49	T 5
F 6	17 27 56	22°17'19	13♉35	17°16	21°11	2°23	11°23	1°50	18° 6	15°12	3°21	10°37	11° 4	4°49	25°56	F 6
S 7	17 31 52	23°14'32	28°37	18° 6	22°22	2°52	11°20	1°46	18° 5	15°11	3°20	10°28	11° 0	4°55	26° 2	S 7
S 8	17 35 49	24°11'45	13♊51	18°51	23°34	3°21	11°17	1°42	18° 3	15°10	3°20	10°18	10°57	5° 2	26° 9	S 8
M 9	17 39 45	25° 8'57	29° 4	19°33	24°45	3°50	11°14	1°38	18° 1	15° 9	3°20	10° 8	10°54	5° 9	26°15	M 9
T 10	17 43 42	26° 6'10	14♋ 8	20°11	25°57	4°18	11°11	1°35	17°59	15° 8	3°19	9°58	10°51	5°16	26°22	T 10
W11	17 47 38	27° 3'22	28°51	20°45	27° 9	4°46	11° 7	1°31	17°57	15° 6	3°19	9°51	10°48	5°22	26°29	W11
T 12	17 51 35	28° 0'33	13♌ 8	21°15	28°20	5°13	11° 4	1°27	17°56	15° 5	3°19	9°46	10°45	5°29	26°35	T 12
F 13	17 55 32	28°57'45	26°56	21°40	29°32	5°41	11° 0	1°23	17°54	15° 4	3°18	9°44	10°41	5°36	26°42	F 13
S 14	17 59 28	29°54'56	10♍16	22° 2	0♊44	6° 7	10°56	1°20	17°52	15° 3	3°18	9°D43	10°38	5°42	26°49	S 14
S 15	18 3 25	0♋52'06	23°10	22°18	1°55	6°34	10°52	1°16	17°51	15° 2	3°17	9°44	10°35	5°49	26°56	S 15
M16	18 7 21	1°49'16	5♎42	22°30	3° 7	7° 0	10°47	1°13	17°49	15° 1	3°17	9°R44	10°32	5°56	27° 3	M16
T 17	18 11 18	2°46'26	17°58	22°38	4°19	7°25	10°43	1° 9	17°48	15° 0	3°17	9°42	10°29	6° 3	27° 9	T 17
W18	18 15 14	3°43'36	0♏ 1	22°R41	5°31	7°51	10°38	1° 6	17°46	14°59	3°16	9°39	10°25	6° 9	27°16	W18
T 19	18 19 11	4°40'46	11°57	22°39	6°43	8°15	10°33	1° 3	17°45	14°58	3°15	9°34	10°22	6°16	27°23	T 19
F 20	18 23 7	5°37'56	23°49	22°33	7°55	8°40	10°28	0°59	17°43	14°58	3°15	9°26	10°19	6°23	27°30	F 20
S 21	18 27 4	6°35'05	5♐41	22°21	9° 7	9° 4	10°23	0°56	17°42	14°57	3°14	9°16	10°16	6°30	27°37	S 21
S 22	18 31 1	7°32'15	17°35	22° 6	10°19	9°27	10°18	0°53	17°41	14°56	3°14	9° 5	10°13	6°36	27°44	S 22
M23	18 34 57	8°29'25	29°34	21°46	11°31	9°50	10°13	0°50	17°39	14°55	3°13	8°54	10°10	6°43	27°51	M23
T 24	18 38 54	9°26'35	11♑38	21°21	12°43	10°13	10° 7	0°47	17°38	14°54	3°13	8°43	10° 6	6°50	27°58	T 24
W25	18 42 50	10°23'46	23°49	20°53	13°55	10°35	10° 1	0°44	17°37	14°53	3°12	8°34	10° 3	6°56	28° 6	W25
T 26	18 46 47	11°20'56	6♒ 7	20°22	15° 7	10°56	9°55	0°41	17°36	14°53	3°11	8°28	10° 0	7° 3	28°13	T 26
F 27	18 50 43	12°18'08	18°36	19°48	16°20	11°17	9°49	0°38	17°35	14°52	3°11	8°23	9°57	7°10	28°20	F 27
S 28	18 54 40	13°15'19	1♓15	19°11	17°32	11°38	9°43	0°36	17°34	14°51	3°10	8°21	9°54	7°17	28°27	S 28
S 29	18 58 37	14°12'32	14° 8	18°32	18°44	11°58	9°37	0°33	17°33	14°51	3° 9	8°D21	9°51	7°23	28°34	S 29
M30	19 2 33	15♋ 9'45	27♓16	17♋51	19♊57	12♓18	9♒31	0♐31	17♏32	14♏50	3♓ 8	8♍22	9♍47	7♐30	28♋41	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n56	9s27	0n35	24n13	1n17	14n47	1s46	14s35	3s14	18s 5	0s45	18s47	1n56	17s 3	0n17	14s43	1n51	22s55	13s35	7n32	7n21	16s 3	15n 4	6s10
M 2	23 1	5 34	0s34	23 58	1 8	15 9	1 44	14 27	3 17	18 6	0 45	18 46	1 56	17 3	0 17	14 43	1 51	22 55	13 36	7 32	7 22	16 4	15 3	6 10
T 3	23 6	1 18	1 43	23 42	0 58	15 30	1 43	14 19	3 20	18 7	0 45	18 46	1 55	17 2	0 17	14 43	1 51	22 56	13 36	7 32	7 23	16 5	15 2	6 10
W 4	23 11	3n11	2 48	23 26	0 48	15 51	1 41	14 10	3 23	18 8	0 45	18 45	1 55	17 2	0 17	14 42	1 51	22 56	13 36	7 33	7 24	16 6	15 2	6 9
T 5	23 15	7 36	3 45	23 8	0 38	16 12	1 40	14 2	3 25	18 9	0 46	18 44	1 55	17 1	0 17	14 42	1 51	22 56	13 37	7 34	7 25	16 7	15 1	6 9
F 6	23 18	11 42	4 29	22 50	0 26	16 32	1 38	13 54	3 28	18 10	0 46	18 43	1 55	17 1	0 17	14 42	1 51	22 57	13 37	7 37	7 27	16 9	15 0	6 9
S 7	23 21	15 8	4 55	22 32	0 15	16 52	1 36	13 46	3 31	18 11	0 46	18 43	1 55	17 0	0 17	14 41	1 50	22 57	13 37	7 40	7 28	16 10	14 59	6 8
S 8	23 24	17 34	5 1	22 14	0 2	17 12	1 35	13 38	3 34	18 12	0 46	18 42	1 55	17 0	0 17	14 41	1 50	22 58	13 38	7 44	7 29	16 11	14 58	6 8
M 9	23 26	18 46	4 45	21 55	0s11	17 31	1 33	13 30	3 37	18 13	0 47	18 42	1 55	16 59	0 17	14 41	1 50	22 58	13 38	7 48	7 30	16 12	14 57	6 8
T 10	23 28	18 38	4 10	21 36	0 24	17 50	1 31	13 22	3 40	18 14	0 47	18 41	1 55	16 59	0 17	14 40	1 50	22 59	13 38	7 51	7 31	16 13	14 56	6 7
W11	23 30	17 13	3 19	21 18	0 38	18 9	1 29	13 15	3 43	18 15	0 47	18 40	1 54	16 58	0 17	14 40	1 50	22 59	13 39	7 54	7 33	16 14	14 55	6 7
T 12	23 31	14 46	2 16	20 59	0 52	18 27	1 27	13 7	3 45	18 16	0 47	18 40	1 54	16 58	0 17	14 40	1 50	22 59	13 39	7 56	7 34	16 15	14 54	6 7
F 13	23 31	11 31	1 7	20 41	1 7	18 44	1 25	13 0	3 48	18 18	0 47	18 39	1 54	16 57	0 17	14 40	1 50	23 0	13 39	7 57	7 35	16 16	14 54	6 7
S 14	23 32	7 47	0n 3	20 23	1 21	19 1	1 23	12 53	3 51	18 19	0 48	18 39	1 54	16 57	0 17	14 39	1 50	23 0	13 40	7 57	7 36	16 17	14 53	6 6
S 15	23 31	3 48	1 11	20 5	1 36	19 18	1 21	12 45	3 54	18 20	0 48	18 38	1 54	16 56	0 17	14 39	1 50	23 1	13 40	7 57	7 38	16 18	14 52	6 6
M16	23 31	0s14	2 14	19 48	1 52	19 34	1 19	12 38	3 57	18 22	0 48	18 37	1 54	16 56	0 17	14 39	1 50	23 1	13 40	7 57	7 39	16 19	14 50	6 6
T 17	23 30	4 10	3 9	19 32	2 7	19 50	1 17	12 32	4 0	18 23	0 48	18 37	1 53	16 56	0 17	14 39	1 50	23 2	13 41	7 57	7 40	16 20	14 49	6 6
W18	23 28	7 52	3 54	19 16	2 23	20 5	1 14	12 25	4 3	18 25	0 49	18 36	1 53	16 55	0 17	14 38	1 50	23 2	13 41	7 59	7 41	16 21	14 48	6 5
T 19	23 27	11 12	4 29	19 1	2 38	20 19	1 12	12 18	4 6	18 26	0 49	18 36	1 53	16 55	0 17	14 38	1 50	23 3	13 41	8 1	7 42	16 23	14 47	6 5
F 20	23 24	14 5	4 52	18 47	2 53	20 34	1 10	12 12	4 9	18 28	0 49	18 35	1 53	16 54	0 17	14 38	1 50	23 3	13 42	8 4	7 44	16 24	14 46	6 5
S 21	23 22	16 22	5 3	18 34	3 8	20 47	1 8	12 5	4 12	18 30	0 49	18 35	1 53	16 54	0 17	14 38	1 50	23 4	13 42	8 7	7 45	16 25	14 45	6 5
S 22	23 19	17 58	5 0	18 23	3 22	21 0	1 5	11 59	4 15	18 31	0 50	18 34	1 53	16 54	0 17	14 38	1 50	23 4	13 42	8 12	7 46	16 26	14 44	6 4
M23	23 15	18 48	4 44	18 12	3 36	21 13	1 3	11 53	4 18	18 33	0 50	18 34	1 52	16 53	0 17	14 37	1 50	23 5	13 43	8 16	7 47	16 27	14 43	6 4
T 24	23 11	18 47	4 15	18 3	3 49	21 24	1 0	11 48	4 21	18 35	0 50	18 34	1 52	16 53	0 17	14 37	1 50	23 5	13 43	8 20	7 48	16 28	14 42	6 4
W25	23 7	17 54	3 35	17 55	4 1	21 36	0 58	11 42	4 24	18 36	0 50	18 33	1 52	16 53	0 17	14 37	1 50	23 6	13 43	8 23	7 50	16 29	14 40	6 4
T 26	23 2	16 10	2 44	17 49	4 13	21 47	0 55	11 37	4 27	18 38	0 50	18 33	1 52	16 52	0 17	14 37	1 50	23 6	13 44	8 26	7 51	16 30	14 39	6 4
F 27	22 57	13 40	1 44	17 44	4 23	21 57	0 53	11 31	4 31	18 40	0 51	18 32	1 52	16 52	0 17	14 37	1 50	23 7	13 44	8 27	7 52	16 31	14 38	6 3
S 28	22 52	10 29	0 38	17 40	4 32	22 6	0 50	11 26	4 34	18 42	0 51	18 32	1 51	16 52	0 17	14 37	1 49	23 8	13 44	8 28	7 53	16 32	14 37	6 3
S 29	22 46	6 45	0s31	17 38	4 39	22 15	0 48	11 21	4 37	18 44	0 51	18 32	1 51	16 52	0 17	14 36	1 49	23 8	13 44	8 28	7 54	16 33	14 36	6 3
M30	22n40	2s37	1s40	17n37	4s45	22n24	0s45	11s17	4s40	18s46	0s51	18s31	1n51	16s51	0n17	14s36	1n49	23s 9	13s45	8n28	7n56	16s34	14n34	6s 3

Julian Day Number = 2199321.5, Delta T = 10m10s
Ecliptic obliquity = 23°31'35, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°06'31, Lahiri = 14°13'32 Julian Calendar 1 June 1309 == Greg. Calendar 9 June 1309

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ASTRODIENST EPHEMERIS for the year 1309
geocentric

JULY 1309 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	19 6 30	16♋ 6'58	10♈43	17°R11	21♊ 9	12♓36	9°R24	0°R28	17°R31	14°R50	3°R 8	8°R23	9♍44	7♐37	28♋49	T 1
W 2	19 10 26	17° 4'13	24°30	16♋30	22°22	12°55	9♒18	0♐26	17♏30	14♏49	3♓ 7	8♍23	9°41	7°43	28°56	W 2
T 3	19 14 23	18° 1'28	8♉38	15°50	23°34	13°12	9°11	0°24	17°29	14°48	3° 6	8°21	9°38	7°50	29° 3	T 3
F 4	19 18 19	18°58'45	23° 6	15°11	24°47	13°30	9° 4	0°21	17°28	14°48	3° 5	8°17	9°35	7°57	29°10	F 4
S 5	19 22 16	19°56'02	7♊50	14°35	25°59	13°46	8°57	0°19	17°27	14°47	3° 4	8°12	9°31	8° 4	29°18	S 5
S 6	19 26 12	20°53'20	22°44	14° 2	27°12	14° 2	8°50	0°17	17°27	14°47	3° 3	8° 5	9°28	8°10	29°25	S 6
M 7	19 30 9	21°50'39	7♋41	13°32	28°24	14°17	8°43	0°15	17°26	14°47	3° 3	7°58	9°25	8°17	29°32	M 7
T 8	19 34 6	22°47'59	22°31	13° 6	29°37	14°32	8°36	0°13	17°26	14°46	3° 2	7°52	9°22	8°24	29°40	T 8
W 9	19 38 2	23°45'19	7♌ 7	12°45	0♋50	14°46	8°29	0°12	17°25	14°46	3° 1	7°47	9°19	8°31	29°47	W 9
T 10	19 41 59	24°42'40	21°20	12°29	2° 3	14°59	8°21	0°10	17°25	14°46	3° 0	7°44	9°16	8°37	29°54	T 10
F 11	19 45 55	25°40'02	5♍ 9	12°18	3°16	15°11	8°14	0° 8	17°24	14°45	2°59	7°D43	9°12	8°44	0♌ 2	F 11
S 12	19 49 52	26°37'24	18°31	12°D14	4°28	15°23	8° 6	0° 7	17°24	14°45	2°58	7°43	9° 9	8°51	0° 9	S 12
S 13	19 53 48	27°34'47	1♎29	12°15	5°41	15°34	7°59	0° 6	17°23	14°45	2°57	7°45	9° 6	8°57	0°17	S 13
M14	19 57 45	28°32'11	14° 5	12°22	6°54	15°44	7°51	0° 4	17°23	14°45	2°56	7°46	9° 3	9° 4	0°24	M14
T 15	20 1 41	29°29'35	26°22	12°36	8° 7	15°54	7°44	0° 3	17°23	14°44	2°55	7°R47	9° 0	9°11	0°31	T 15
W16	20 5 38	0♌27'00	8♏27	12°56	9°20	16° 3	7°36	0° 2	17°23	14°44	2°54	7°46	8°57	9°18	0°39	W16
T 17	20 9 35	1°24'26	20°24	13°22	10°33	16°11	7°28	0° 1	17°23	14°44	2°53	7°45	8°53	9°24	0°46	T 17
F 18	20 13 31	2°21'52	2♐17	13°55	11°46	16°18	7°21	29♏59	17°23	14°44	2°52	7°41	8°50	9°31	0°53	F 18
S 19	20 17 28	3°19'19	14°10	14°35	12°59	16°25	7°13	29°59	17°D23	14°D44	2°51	7°37	8°47	9°38	1° 1	S 19
S 20	20 21 24	4°16'47	26° 7	15°21	14°13	16°30	7° 5	29°58	17°23	14°44	2°50	7°31	8°44	9°45	1° 8	S 20
M21	20 25 21	5°14'16	8♑11	16°13	15°26	16°35	6°57	29°58	17°23	14°44	2°49	7°26	8°41	9°51	1°16	M21
T 22	20 29 17	6°11'46	20°23	17°11	16°39	16°40	6°49	29°57	17°23	14°44	2°48	7°20	8°37	9°58	1°23	T 22
W23	20 33 14	7° 9'17	2♒46	18°16	17°52	16°43	6°42	29°57	17°23	14°44	2°47	7°16	8°34	10° 5	1°30	W23
T 24	20 37 10	8° 6'50	15°20	19°26	19° 6	16°46	6°34	29°56	17°23	14°45	2°45	7°13	8°31	10°11	1°38	T 24
F 25	20 41 7	9° 4'23	28° 6	20°42	20°19	16°47	6°26	29°56	17°23	14°45	2°44	7°11	8°28	10°18	1°45	F 25
S 26	20 45 4	10° 1'58	11♓ 4	22° 3	21°32	16°48	6°18	29°56	17°24	14°45	2°43	7°D11	8°25	10°25	1°53	S 26
S 27	20 49 0	10°59'34	24°15	23°30	22°46	16°R48	6°10	29°D56	17°24	14°45	2°42	7°12	8°22	10°32	2° 0	S 27
M28	20 52 57	11°57'11	7♈40	25° 1	23°59	16°48	6° 3	29°56	17°25	14°45	2°41	7°13	8°18	10°38	2° 7	M28
T 29	20 56 53	12°54'50	21°17	26°37	25°13	16°46	5°55	29°56	17°25	14°46	2°40	7°15	8°15	10°45	2°15	T 29
W30	21 0 50	13°52'31	5♉ 8	28°17	26°26	16°44	5°47	29°56	17°26	14°46	2°39	7°16	8°12	10°52	2°22	W30
T 31	21 4 46	14♌50'13	19♉12	0♌ 0	27♋40	16♓40	5♒39	29♏56	17♏26	14♏46	2♓37	7°R16	8♍ 9	10♐58	2♌29	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n33	1n44	2s45	17n38	4s49	22n31	0s43	11s12	4s43	18s48	0s52	18s31	1n51	16s51	0n17	14s36	1n49	23s 9	13s45	8n27	7n57	16s35	14n33	6s 3
W 2	22 26	6 5	3 42	17 40	4 52	22 38	0 40	11 8	4 46	18 50	0 52	18 31	1 51	16 51	0 17	14 36	1 49	23 10	13 45	8 27	7 58	16 36	14 32	6 3
T 3	22 18	10 12	4 27	17 44	4 53	22 45	0 37	11 4	4 49	18 51	0 52	18 30	1 50	16 51	0 17	14 36	1 49	23 10	13 46	8 28	7 59	16 37	14 30	6 3
F 4	22 11	13 49	4 57	17 49	4 52	22 51	0 35	11 0	4 52	18 54	0 52	18 30	1 50	16 51	0 17	14 36	1 49	23 11	13 46	8 29	8 0	16 38	14 29	6 3
S 5	22 2	16 38	5 7	17 56	4 50	22 56	0 32	10 57	4 55	18 56	0 52	18 30	1 50	16 50	0 17	14 36	1 49	23 11	13 46	8 32	8 2	16 39	14 28	6 2
S 6	21 54	18 22	4 58	18 3	4 45	23 0	0 29	10 53	4 58	18 58	0 53	18 30	1 50	16 50	0 17	14 36	1 49	23 12	13 46	8 34	8 3	16 40	14 26	6 2
M 7	21 45	18 51	4 27	18 12	4 40	23 4	0 27	10 50	5 1	19 0	0 53	18 30	1 50	16 50	0 16	14 36	1 49	23 13	13 47	8 37	8 4	16 41	14 25	6 2
T 8	21 35	18 2	3 40	18 22	4 32	23 8	0 24	10 47	5 4	19 2	0 53	18 29	1 49	16 50	0 16	14 36	1 49	23 13	13 47	8 39	8 5	16 42	14 23	6 2
W 9	21 26	16 1	2 38	18 32	4 24	23 10	0 21	10 45	5 7	19 4	0 53	18 29	1 49	16 50	0 16	14 36	1 49	23 14	13 47	8 41	8 6	16 43	14 22	6 2
T 10	21 16	13 3	1 28	18 44	4 14	23 12	0 19	10 42	5 11	19 6	0 53	18 29	1 49	16 50	0 16	14 35	1 49	23 14	13 47	8 42	8 8	16 44	14 21	6 2
F 11	21 5	9 26	0 14	18 56	4 3	23 13	0 16	10 40	5 14	19 8	0 53	18 29	1 49	16 50	0 16	14 35	1 49	23 15	13 48	8 42	8 9	16 45	14 19	6 2
S 12	20 54	5 27	0n58	19 8	3 50	23 14	0 13	10 38	5 16	19 10	0 54	18 29	1 49	16 49	0 16	14 35	1 49	23 15	13 48	8 42	8 10	16 46	14 18	6 2
S 13	20 43	1 20	2 5	19 21	3 37	23 14	0 11	10 37	5 19	19 12	0 54	18 29	1 48	16 49	0 16	14 35	1 49	23 16	13 48	8 42	8 11	16 47	14 16	6 2
M14	20 32	2s44	3 5	19 34	3 24	23 13	0 8	10 35	5 22	19 14	0 54	18 29	1 48	16 49	0 16	14 35	1 49	23 17	13 48	8 41	8 12	16 48	14 15	6 2
T 15	20 20	6 35	3 54	19 47	3 9	23 11	0 5	10 34	5 25	19 16	0 54	18 29	1 48	16 49	0 16	14 35	1 48	23 17	13 48	8 41	8 14	16 49	14 13	6 2
W16	20 8	10 5	4 32	20 1	2 54	23 9	0 3	10 33	5 28	19 19	0 54	18 29	1 48	16 49	0 16	14 35	1 48	23 18	13 49	8 41	8 15	16 50	14 12	6 2
T 17	19 55	13 8	4 57	20 13	2 38	23 6	0 0	10 33	5 31	19 21	0 54	18 29	1 47	16 49	0 16	14 36	1 48	23 18	13 49	8 42	8 16	16 51	14 10	6 2
F 18	19 42	15 38	5 10	20 26	2 23	23 3	0n 3	10 32	5 34	19 23	0 55	18 29	1 47	16 49	0 16	14 36	1 48	23 19	13 49	8 43	8 17	16 52	14 9	6 2
S 19	19 29	17 28	5 9	20 37	2 7	22 59	0 5	10 32	5 36	19 25	0 55	18 29	1 47	16 49	0 16	14 36	1 48	23 19	13 49	8 45	8 18	16 53	14 7	6 2
S 20	19 16	18 33	4 55	20 48	1 51	22 54	0 8	10 33	5 39	19 27	0 55	18 29	1 47	16 49	0 16	14 36	1 48	23 20	13 50	8 47	8 20	16 54	14 5	6 2
M21	19 2	18 49	4 28	20 58	1 35	22 48	0 10	10 33	5 42	19 29	0 55	18 29	1 46	16 49	0 16	14 36	1 48	23 21	13 50	8 49	8 21	16 55	14 4	6 2
T 22	18 48	18 13	3 48	21 6	1 19	22 42	0 13	10 34	5 44	19 31	0 55	18 29	1 46	16 49	0 16	14 36	1 48	23 21	13 50	8 51	8 22	16 56	14 2	6 2
W23	18 33	16 44	2 57	21 14	1 4	22 35	0 15	10 35	5 47	19 34	0 55	18 29	1 46	16 49	0 16	14 36	1 48	23 22	13 50	8 52	8 23	16 57	14 1	6 2
T 24	18 18	14 26	1 57	21 19	0 48	22 27	0 18	10 36	5 49	19 36	0 55	18 29	1 46	16 50	0 16	14 36	1 48	23 22	13 50	8 54	8 24	16 58	13 59	6 2
F 25	18 3	11 24	0 50	21 22	0 33	22 19	0 20	10 38	5 52	19 38	0 55	18 29	1 46	16 50	0 16	14 36	1 48	23 23	13 50	8 54	8 26	16 59	13 57	6 2
S 26	17 48	7 46	0s21	21 24	0 19	22 10	0 23	10 39	5 54	19 40	0 56	18 30	1 45	16 50	0 16	14 36	1 48	23 24	13 51	8 54	8 27	17 0	13 56	6 2
S 27	17 32	3 42	1 32	21 23	0 5	22 1	0 25	10 41	5 56	19 42	0 56	18 30	1 45	16 50	0 16	14 36	1 48	23 24	13 51	8 54	8 28	17 1	13 54	6 2
M28	17 16	0n36	2 40	21 20	0n 8	21 51	0 28	10 44	5 59	19 44	0 56	18 30	1 45	16 50	0 16	14 36	1 48	23 25	13 51	8 54	8 29	17 2	13 52	6 2
T 29	17 0	4 57	3 39	21 15	0 20	21 40	0 30	10 46	6 1	19 46	0 56	18 30	1 45	16 50	0 16	14 37	1 48	23 25	13 51	8 53	8 30	17 3	13 51	6 2
W30	16 43	9 5	4 27	21 6	0 32	21 28	0 32	10 49	6 3	19 48	0 56	18 31	1 44	16 50	0 16	14 37	1 48	23 26	13 51	8 53	8 31	17 4	13 49	6 2
T 31	16n27	12n47	4s59	20n56	0n43	21n16	0n35	10s52	6s 4	19s50	0s56	18s31	1n44	16s51	0n16	14s37	1n47	23s26	13s51	8n53	8n33	17s 5	13n47	6s 2

Julian Day Number = 2199351.5, Delta T = 10m09s
Ecliptic obliquity = 23°31'35, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°06'35, Lahiri = 14°13'36 Julian Calendar 1 July 1309 == Greg. Calendar 9 July 1309

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1309
geocentric

AUGUST 1309 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	21 8 43	15♌47'58	3♊29	1♌47	28♋53	16°R36	5°R32	29♏57	17♏27	14♏47	2°R36	7°R15	8♍ 6	11♐ 5	2♌37	F 1
S 2	21 12 39	16°45'43	17°54	3°37	0♌ 7	16♓31	5♒24	29°57	17°28	14°47	2♓35	7♍13	8° 3	11°12	2°44	S 2
S 3	21 16 36	17°43'31	2♋24	5°30	1°21	16°26	5°17	29°58	17°28	14°48	2°34	7°11	7°59	11°19	2°51	S 3
M 4	21 20 33	18°41'20	16°55	7°24	2°35	16°19	5° 9	29°59	17°29	14°48	2°33	7° 8	7°56	11°25	2°59	M 4
T 5	21 24 29	19°39'11	1♌21	9°20	3°48	16°12	5° 2	29°59	17°30	14°49	2°31	7° 6	7°53	11°32	3° 6	T 5
W 6	21 28 26	20°37'04	15°35	11°18	5° 2	16° 4	4°55	0♐ 0	17°31	14°49	2°30	7° 5	7°50	11°39	3°13	W 6
T 7	21 32 22	21°34'58	29°34	13°16	6°16	15°55	4°48	0° 1	17°32	14°50	2°29	7° 4	7°47	11°46	3°20	T 7
F 8	21 36 19	22°32'53	13♍12	15°15	7°30	15°45	4°40	0° 2	17°33	14°50	2°28	7°D 4	7°43	11°52	3°27	F 8
S 9	21 40 15	23°30'50	26°30	17°14	8°44	15°35	4°33	0° 4	17°34	14°51	2°26	7° 4	7°40	11°59	3°35	S 9
S 10	21 44 12	24°28'48	9♎26	19°13	9°58	15°24	4°26	0° 5	17°35	14°52	2°25	7° 5	7°37	12° 6	3°42	S 10
M11	21 48 8	25°26'48	22° 3	21°12	11°12	15°13	4°20	0° 6	17°36	14°52	2°24	7° 6	7°34	12°12	3°49	M11
T 12	21 52 5	26°24'49	4♏23	23°11	12°26	15° 0	4°13	0° 8	17°37	14°53	2°23	7° 7	7°31	12°19	3°56	T 12
W13	21 56 1	27°22'52	16°30	25° 9	13°40	14°48	4° 6	0° 9	17°39	14°54	2°22	7° 8	7°28	12°26	4° 3	W13
T 14	21 59 58	28°20'56	28°28	27° 6	14°54	14°34	4° 0	0°11	17°40	14°55	2°20	7°R 8	7°24	12°33	4°10	T 14
F 15	22 3 55	29°19'01	10♐21	29° 2	16° 8	14°20	3°53	0°13	17°41	14°56	2°19	7° 8	7°21	12°39	4°17	F 15
S 16	22 7 51	0♍17'08	22°15	0♍58	17°22	14° 6	3°47	0°14	17°43	14°56	2°18	7° 7	7°18	12°46	4°24	S 16
S 17	22 11 48	1°15'17	4♑14	2°52	18°36	13°51	3°41	0°16	17°44	14°57	2°16	7° 7	7°15	12°53	4°31	S 17
M18	22 15 44	2°13'27	16°21	4°45	19°51	13°36	3°35	0°18	17°46	14°58	2°15	7° 6	7°12	13° 0	4°38	M18
T 19	22 19 41	3°11'38	28°41	6°38	21° 5	13°21	3°29	0°20	17°47	14°59	2°14	7° 6	7° 8	13° 6	4°45	T 19
W20	22 23 37	4° 9'51	11♒14	8°29	22°19	13° 5	3°23	0°23	17°49	15° 0	2°13	7° 5	7° 5	13°13	4°52	W20
T 21	22 27 34	5° 8'06	24° 4	10°19	23°33	12°49	3°18	0°25	17°51	15° 1	2°11	7° 5	7° 2	13°20	4°59	T 21
F 22	22 31 30	6° 6'23	7♓ 9	12° 8	24°48	12°32	3°12	0°27	17°52	15° 2	2°10	7°D 5	6°59	13°26	5° 5	F 22
S 23	22 35 27	7° 4'41	20°31	13°56	26° 2	12°16	3° 7	0°30	17°54	15° 3	2° 9	7°R 5	6°56	13°33	5°12	S 23
S 24	22 39 24	8° 3'01	4♈ 7	15°42	27°16	11°59	3° 2	0°32	17°56	15° 4	2° 8	7° 5	6°53	13°40	5°19	S 24
M25	22 43 20	9° 1'23	17°56	17°28	28°31	11°42	2°57	0°35	17°58	15° 6	2° 6	7° 5	6°49	13°47	5°26	M25
T 26	22 47 17	9°59'48	1♉55	19°12	29°45	11°25	2°52	0°38	18° 0	15° 7	2° 5	7° 5	6°46	13°53	5°32	T 26
W27	22 51 13	10°58'14	16° 2	20°56	1♍ 0	11° 9	2°48	0°41	18° 1	15° 8	2° 4	7° 4	6°43	14° 0	5°39	W27
T 28	22 55 10	11°56'43	0♊13	22°38	2°14	10°52	2°43	0°44	18° 3	15° 9	2° 3	7° 4	6°40	14° 7	5°46	T 28
F 29	22 59 6	12°55'14	14°27	24°19	3°29	10°35	2°39	0°47	18° 5	15°10	2° 2	7°D 4	6°37	14°13	5°52	F 29
S 30	23 3 3	13°53'47	28°40	25°59	4°43	10°18	2°35	0°50	18° 7	15°12	2° 0	7° 4	6°34	14°20	5°59	S 30
S 31	23 6 59	14♍52'23	12♋50	27♍38	5♍58	10♓ 2	2♒31	0♐53	18♏10	15♏13	1♓59	7♍ 5	6♍30	14♐27	6♌ 5	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	16n 9	15n47	5s14	20n42	0n53	21n 4	0n37	10s55	6s 6	19s52	0s56	18s31	1n44	16s51	0n16	14s37	1n47	23s27	13s52	8n53	8n34	17s 6	13n46	6s 2	F 1
S 2	15 52	17 50	5 9	20 26	1 3	20 50	0 39	10 59	6 8	19 54	0 56	18 31	1 44	16 51	0 16	14 37	1 47	23 28	13 52	8 53	8 35	17 7	13 44	6 3	S 2
S 3	15 35	18 45	4 45	20 7	1 11	20 36	0 41	11 2	6 9	19 56	0 56	18 32	1 44	16 51	0 16	14 38	1 47	23 28	13 52	8 54	8 36	17 8	13 42	6 3	S 3
M 4	15 17	18 27	4 2	19 45	1 18	20 22	0 44	11 6	6 11	19 58	0 56	18 32	1 43	16 52	0 16	14 38	1 47	23 29	13 52	8 55	8 37	17 9	13 40	6 3	M 4
T 5	14 59	16 56	3 5	19 21	1 25	20 7	0 46	11 10	6 12	19 59	0 57	18 33	1 43	16 52	0 16	14 38	1 47	23 29	13 52	8 56	8 39	17 10	13 39	6 3	T 5
W 6	14 40	14 23	1 56	18 54	1 31	19 51	0 48	11 14	6 13	20 1	0 57	18 33	1 43	16 52	0 16	14 38	1 47	23 30	13 52	8 57	8 40	17 11	13 37	6 3	W 6
T 7	14 22	11 1	0 41	18 25	1 35	19 35	0 50	11 19	6 14	20 3	0 57	18 33	1 43	16 52	0 16	14 38	1 47	23 30	13 52	8 57	8 41	17 11	13 35	6 3	T 7
F 8	14 3	7 9	0n34	17 54	1 39	19 18	0 52	11 23	6 15	20 5	0 57	18 34	1 42	16 53	0 16	14 39	1 47	23 31	13 52	8 57	8 42	17 12	13 33	6 3	F 8
S 9	13 44	3 0	1 45	17 21	1 42	19 0	0 54	11 28	6 16	20 7	0 57	18 34	1 42	16 53	0 16	14 39	1 47	23 31	13 52	8 57	8 43	17 13	13 32	6 4	S 9
S 10	13 25	1s 9	2 50	16 46	1 44	18 42	0 56	11 33	6 16	20 8	0 57	18 35	1 42	16 53	0 16	14 39	1 47	23 32	13 53	8 56	8 45	17 14	13 30	6 4	S 10
M11	13 5	5 9	3 44	16 9	1 46	18 24	0 57	11 38	6 17	20 10	0 57	18 35	1 42	16 54	0 16	14 39	1 47	23 33	13 53	8 56	8 46	17 15	13 28	6 4	M11
T 12	12 45	8 51	4 27	15 31	1 47	18 5	0 59	11 43	6 17	20 12	0 57	18 36	1 41	16 54	0 16	14 40	1 47	23 33	13 53	8 56	8 47	17 16	13 26	6 4	T 12
W13	12 26	12 5	4 56	14 52	1 47	17 45	1 1	11 48	6 17	20 13	0 57	18 36	1 41	16 54	0 16	14 40	1 47	23 34	13 53	8 55	8 48	17 17	13 24	6 4	W13
T 14	12 5	14 48	5 13	14 11	1 46	17 25	1 3	11 53	6 17	20 15	0 57	18 37	1 41	16 55	0 16	14 40	1 47	23 34	13 53	8 55	8 49	17 18	13 23	6 5	T 14
F 15	11 45	16 52	5 16	13 29	1 45	17 5	1 4	11 58	6 17	20 16	0 57	18 38	1 41	16 55	0 16	14 41	1 47	23 35	13 53	8 55	8 50	17 19	13 21	6 5	F 15
S 16	11 25	18 13	5 6	12 47	1 43	16 44	1 6	12 3	6 16	20 18	0 57	18 38	1 41	16 56	0 16	14 41	1 46	23 35	13 53	8 56	8 52	17 20	13 19	6 5	S 16
S 17	11 4	18 46	4 42	12 3	1 41	16 22	1 7	12 9	6 16	20 19	0 57	18 39	1 40	16 56	0 16	14 41	1 46	23 36	13 53	8 56	8 53	17 21	13 17	6 5	S 17
M18	10 43	18 27	4 6	11 19	1 38	16 0	1 9	12 14	6 15	20 21	0 57	18 39	1 40	16 56	0 16	14 41	1 46	23 36	13 53	8 56	8 54	17 22	13 15	6 6	M18
T 19	10 22	17 17	3 17	10 34	1 34	15 38	1 10	12 19	6 14	20 22	0 57	18 40	1 40	16 57	0 15	14 42	1 46	23 37	13 53	8 56	8 55	17 23	13 13	6 6	T 19
W20	10 1	15 15	2 18	9 49	1 31	15 15	1 12	12 24	6 13	20 24	0 57	18 41	1 40	16 57	0 15	14 42	1 46	23 37	13 53	8 56	8 56	17 23	13 12	6 6	W20
T 21	9 40	12 25	1 12	9 4	1 27	14 52	1 13	12 29	6 12	20 25	0 57	18 42	1 39	16 58	0 15	14 43	1 46	23 38	13 53	8 57	8 58	17 24	13 10	6 6	T 21
F 22	9 18	8 55	0s 0	8 18	1 22	14 28	1 14	12 34	6 10	20 26	0 57	18 42	1 39	16 58	0 15	14 43	1 46	23 38	13 53	8 57	8 59	17 25	13 8	6 7	F 22
S 23	8 57	4 54	1 14	7 32	1 17	14 4	1 15	12 39	6 8	20 27	0 57	18 43	1 39	16 59	0 15	14 43	1 46	23 39	13 53	8 57	9 0	17 26	13 6	6 7	S 23
S 24	8 35	0 34	2 24	6 46	1 12	13 39	1 16	12 44	6 6	20 29	0 57	18 44	1 39	16 59	0 15	14 44	1 46	23 39	13 53	8 57	9 1	17 27	13 4	6 7	S 24
M25	8 13	3n52	3 28	5 59	1 7	13 15	1 17	12 48	6 4	20 30	0 57	18 44	1 39	17 0	0 15	14 44	1 46	23 40	13 53	8 57	9 2	17 28	13 2	6 7	M25
T 26	7 51	8 8	4 19	5 13	1 1	12 49	1 18	12 53	6 2	20 31	0 57	18 45	1 38	17 1	0 15	14 44	1 46	23 40	13 53	8 57	9 3	17 29	13 0	6 8	T 26
W27	7 29	11 58	4 56	4 27	0 55	12 24	1 19	12 57	6 0	20 32	0 57	18 46	1 38	17 1	0 15	14 45	1 46	23 40	13 53	8 57	9 5	17 30	12 59	6 8	W27
T 28	7 6	15 9	5 15	3 41	0 49	11 58	1 20	13 1	5 57	20 33	0 57	18 47	1 38	17 2	0 15	14 45	1 46	23 41	13 53	8 57	9 6	17 31	12 57	6 8	T 28
F 29	6 44	17 25	5 14	2 55	0 42	11 31	1 21	13 5	5 55	20 34	0 57	18 48	1 38	17 2	0 15	14 46	1 46	23 41	13 53	8 57	9 7	17 31	12 55	6 9	F 29
S 30	6 21	18 36	4 55	2 9	0 36	11 5	1 22	13 9	5 52	20 35	0 57	18 49	1 37	17 3	0 15	14 46	1 46	23 42	13 53	8 57	9 8	17 32	12 53	6 9	S 30
S 31	5n59	18n38	4s17	1n23	0n29	10n38	1n22	13s12	5s49	20s36	0s57	18s49	1n37	17s 3	0n15	14s46	1n46	23s42	13s53	8n57	9n 9	17s33	12n51	6s 9	S 31

Julian Day Number = 2199382.5, Delta T = 10m09s
Ecliptic obliquity = 23°31'35, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°06'40, Lahiri = 14°13'40 Julian Calendar 1 Aug. 1309 == Greg. Calendar 9 Aug. 1309

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ASTRODIENST EPHEMERIS for the year 1309
geocentric

SEPTEMBER 1309 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	23 10 56	15♍51'01	26♋55	29♍16	7♍13	9°R46	2°R27	0♐56	18♏12	15♏14	1°R58	7♍ 5	6♍27	14♐34	6♌11	M 1
T 2	23 14 53	16°49'41	10♌52	0♎53	8°27	9♓30	2♒23	0°59	18°14	15°16	1♓57	7° 6	6°24	14°40	6°18	T 2
W 3	23 18 49	17°48'23	24°39	2°29	9°42	9°14	2°20	1° 3	18°16	15°17	1°55	7° 7	6°21	14°47	6°24	W 3
T 4	23 22 46	18°47'07	8♍14	4° 4	10°57	8°59	2°17	1° 6	18°18	15°18	1°54	7°R 7	6°18	14°54	6°30	T 4
F 5	23 26 42	19°45'53	21°34	5°38	12°12	8°44	2°13	1°10	18°21	15°20	1°53	7° 7	6°14	15° 1	6°36	F 5
S 6	23 30 39	20°44'41	4♎38	7°11	13°26	8°30	2°11	1°14	18°23	15°21	1°52	7° 5	6°11	15° 7	6°43	S 6
S 7	23 34 35	21°43'31	17°26	8°44	14°41	8°16	2° 8	1°17	18°25	15°23	1°51	7° 4	6° 8	15°14	6°49	S 7
M 8	23 38 32	22°42'23	29°59	10°15	15°56	8° 3	2° 5	1°21	18°28	15°24	1°50	7° 1	6° 5	15°21	6°55	M 8
T 9	23 42 28	23°41'17	12♏17	11°45	17°11	7°50	2° 3	1°25	18°30	15°26	1°48	6°59	6° 2	15°27	7° 1	T 9
W10	23 46 25	24°40'13	24°23	13°14	18°26	7°38	2° 1	1°29	18°33	15°27	1°47	6°57	5°59	15°34	7° 7	W10
T 11	23 50 21	25°39'11	6♐21	14°43	19°40	7°26	1°59	1°33	18°35	15°29	1°46	6°55	5°55	15°41	7°13	T 11
F 12	23 54 18	26°38'10	18°14	16°10	20°55	7°16	1°57	1°37	18°38	15°31	1°45	6°54	5°52	15°48	7°18	F 12
S 13	23 58 15	27°37'11	0♑ 7	17°37	22°10	7° 5	1°56	1°42	18°41	15°32	1°44	6°D53	5°49	15°54	7°24	S 13
S 14	0 2 11	28°36'15	12° 5	19° 2	23°25	6°56	1°54	1°46	18°43	15°34	1°43	6°54	5°46	16° 1	7°30	S 14
M15	0 6 8	29°35'19	24°12	20°27	24°40	6°47	1°53	1°50	18°46	15°36	1°42	6°55	5°43	16° 8	7°35	M15
T 16	0 10 4	0♎34'26	6♒33	21°50	25°55	6°39	1°52	1°55	18°49	15°37	1°41	6°57	5°40	16°14	7°41	T 16
W17	0 14 1	1°33'35	19°12	23°13	27°10	6°32	1°52	1°59	18°52	15°39	1°40	6°59	5°36	16°21	7°47	W17
T 18	0 17 57	2°32'45	2♓11	24°34	28°25	6°25	1°51	2° 4	18°54	15°41	1°38	6°R59	5°33	16°28	7°52	T 18
F 19	0 21 54	3°31'57	15°32	25°54	29°40	6°20	1°51	2° 9	18°57	15°43	1°37	6°59	5°30	16°35	7°57	F 19
S 20	0 25 50	4°31'11	29°15	27°13	0♎55	6°15	1°D51	2°13	19° 0	15°44	1°36	6°58	5°27	16°41	8° 3	S 20
S 21	0 29 47	5°30'28	13♈18	28°31	2°10	6°11	1°51	2°18	19° 3	15°46	1°35	6°55	5°24	16°48	8° 8	S 21
M22	0 33 44	6°29'46	27°36	29°47	3°25	6° 7	1°51	2°23	19° 6	15°48	1°34	6°51	5°20	16°55	8°13	M22
T 23	0 37 40	7°29'07	12♉ 4	1♏ 2	4°40	6° 5	1°51	2°28	19° 9	15°50	1°33	6°46	5°17	17° 1	8°18	T 23
W24	0 41 37	8°28'30	26°35	2°15	5°55	6° 3	1°52	2°33	19°12	15°52	1°32	6°42	5°14	17° 8	8°23	W24
T 25	0 45 33	9°27'55	11♊ 5	3°27	7°10	6° 2	1°53	2°38	19°15	15°54	1°32	6°38	5°11	17°15	8°28	T 25
F 26	0 49 30	10°27'23	25°27	4°37	8°25	6°D 2	1°54	2°43	19°18	15°55	1°31	6°36	5° 8	17°22	8°33	F 26
S 27	0 53 26	11°26'53	9♋40	5°46	9°40	6° 2	1°55	2°48	19°21	15°57	1°30	6°D35	5° 5	17°28	8°38	S 27
S 28	0 57 23	12°26'25	23°40	6°52	10°55	6° 3	1°57	2°54	19°24	15°59	1°29	6°35	5° 1	17°35	8°43	S 28
M29	1 1 19	13°26'00	7♌27	7°56	12°11	6° 5	1°58	2°59	19°27	16° 1	1°28	6°37	4°58	17°42	8°47	M29
T 30	1 5 16	14♎25'37	21♌ 1	8♏57	13♎26	6♓ 8	2♒ 0	3♐ 4	19♏31	16♏ 3	1♓27	6♍38	4♍55	17♐49	8♌52	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	5n36	17n30	3s25	0n38	0n22	10n11	1n23	13s15	5s45	20s37	0s57	18s50	1n37	17s 4	0n15	14s47	1n46	23s43	13s53	8n56	9n11	17s34	12n49	6s10
T 2	5 13	15 19	2 20	0s 7	0 15	9 43	1 24	13 18	5 42	20 37	0 57	18 51	1 37	17 5	0 15	14 47	1 46	23 43	13 53	8 56	9 12	17 35	12 47	6 10
W 3	4 50	12 17	1 8	0 52	0 8	9 15	1 24	13 21	5 38	20 38	0 57	18 52	1 37	17 5	0 15	14 48	1 45	23 43	13 53	8 56	9 13	17 36	12 45	6 10
T 4	4 27	8 37	0n 6	1 36	0 1	8 47	1 25	13 24	5 35	20 39	0 57	18 53	1 36	17 6	0 15	14 48	1 45	23 44	13 53	8 56	9 14	17 37	12 43	6 11
F 5	4 4	4 34	1 19	2 21	0s 6	8 19	1 25	13 26	5 31	20 40	0 57	18 54	1 36	17 7	0 15	14 49	1 45	23 44	13 53	8 56	9 15	17 38	12 42	6 11
S 6	3 41	0 23	2 26	3 4	0 14	7 51	1 25	13 28	5 27	20 40	0 57	18 55	1 36	17 7	0 15	14 49	1 45	23 45	13 53	8 56	9 16	17 38	12 40	6 12
S 7	3 18	3s43	3 25	3 47	0 21	7 22	1 25	13 29	5 23	20 41	0 57	18 56	1 36	17 8	0 15	14 50	1 45	23 45	13 52	8 57	9 18	17 39	12 38	6 12
M 8	2 54	7 34	4 12	4 30	0 28	6 53	1 26	13 30	5 19	20 41	0 57	18 57	1 36	17 9	0 15	14 50	1 45	23 45	13 52	8 58	9 19	17 40	12 36	6 12
T 9	2 31	11 2	4 47	5 13	0 36	6 24	1 26	13 31	5 15	20 42	0 57	18 58	1 35	17 9	0 15	14 51	1 45	23 46	13 52	8 59	9 20	17 41	12 34	6 13
W10	2 8	13 58	5 8	5 54	0 43	5 54	1 26	13 32	5 11	20 42	0 57	18 59	1 35	17 10	0 15	14 51	1 45	23 46	13 52	9 0	9 21	17 42	12 32	6 13
T 11	1 44	16 16	5 15	6 36	0 51	5 25	1 26	13 32	5 6	20 43	0 57	19 0	1 35	17 11	0 15	14 52	1 45	23 46	13 52	9 0	9 22	17 43	12 30	6 14
F 12	1 21	17 52	5 9	7 16	0 58	4 55	1 26	13 32	5 2	20 43	0 57	19 1	1 35	17 12	0 15	14 52	1 45	23 47	13 52	9 1	9 24	17 43	12 29	6 14
S 13	0 57	18 42	4 50	7 57	1 5	4 25	1 25	13 32	4 57	20 43	0 56	19 2	1 35	17 12	0 15	14 53	1 45	23 47	13 52	9 1	9 25	17 44	12 27	6 15
S 14	0 33	18 42	4 18	8 36	1 13	3 55	1 25	13 31	4 53	20 43	0 56	19 3	1 34	17 13	0 15	14 53	1 45	23 47	13 52	9 1	9 26	17 45	12 25	6 15
M15	0 10	17 50	3 34	9 15	1 20	3 25	1 25	13 30	4 48	20 44	0 56	19 4	1 34	17 14	0 15	14 54	1 45	23 48	13 52	9 0	9 27	17 46	12 23	6 15
T 16	0s14	16 8	2 40	9 53	1 27	2 55	1 24	13 29	4 43	20 44	0 56	19 5	1 34	17 15	0 15	14 54	1 45	23 48	13 52	8 59	9 28	17 47	12 21	6 16
W17	0 37	13 36	1 36	10 31	1 34	2 25	1 24	13 27	4 39	20 44	0 56	19 6	1 34	17 15	0 15	14 55	1 45	23 48	13 51	8 59	9 29	17 48	12 19	6 16
T 18	1 1	10 19	0 26	11 7	1 41	1 55	1 24	13 25	4 34	20 44	0 56	19 7	1 34	17 16	0 15	14 55	1 45	23 48	13 51	8 59	9 31	17 48	12 18	6 17
F 19	1 25	6 26	0s47	11 43	1 48	1 24	1 23	13 23	4 29	20 44	0 56	19 8	1 34	17 17	0 15	14 56	1 45	23 49	13 51	8 59	9 32	17 49	12 16	6 17
S 20	1 48	2 7	1 59	12 18	1 55	0 54	1 22	13 21	4 24	20 44	0 56	19 9	1 33	17 18	0 15	14 56	1 45	23 49	13 51	8 59	9 33	17 50	12 14	6 18
S 21	2 12	2n25	3 6	12 53	2 2	0 23	1 22	13 18	4 20	20 44	0 56	19 11	1 33	17 19	0 15	14 57	1 45	23 49	13 51	9 0	9 34	17 51	12 12	6 18
M22	2 35	6 53	4 2	13 26	2 8	0s 8	1 21	13 15	4 15	20 44	0 56	19 12	1 33	17 19	0 15	14 58	1 45	23 49	13 51	9 2	9 35	17 52	12 10	6 19
T 23	2 59	11 0	4 44	13 58	2 14	0 38	1 20	13 11	4 10	20 44	0 56	19 13	1 33	17 20	0 15	14 58	1 45	23 50	13 50	9 3	9 36	17 53	12 9	6 19
W24	3 22	14 29	5 7	14 30	2 20	1 9	1 19	13 7	4 5	20 43	0 56	19 14	1 33	17 21	0 15	14 59	1 45	23 50	13 50	9 5	9 38	17 53	12 7	6 20
T 25	3 46	17 3	5 11	15 0	2 26	1 39	1 18	13 3	4 0	20 43	0 56	19 15	1 32	17 22	0 15	14 59	1 45	23 50	13 50	9 6	9 39	17 54	12 5	6 20
F 26	4 9	18 32	4 55	15 29	2 32	2 10	1 17	12 59	3 56	20 43	0 56	19 16	1 32	17 23	0 15	15 0	1 44	23 50	13 50	9 7	9 40	17 55	12 3	6 21
S 27	4 33	18 49	4 22	15 57	2 37	2 41	1 16	12 54	3 51	20 42	0 56	19 17	1 32	17 24	0 15	15 0	1 44	23 50	13 50	9 8	9 41	17 56	12 2	6 21
S 28	4 56	17 57	3 33	16 24	2 42	3 11	1 15	12 49	3 46	20 42	0 55	19 19	1 32	17 24	0 15	15 1	1 44	23 50	13 50	9 8	9 42	17 57	12 0	6 22
M29	5 19	16 1	2 32	16 50	2 47	3 42	1 14	12 44	3 41	20 42	0 55	19 20	1 32	17 25	0 15	15 2	1 44	23 51	13 49	9 7	9 43	17 57	11 58	6 23
T 30	5s42	13n13	1s24	17s14	2s51	4s12	1n13	12s39	3s37	20s41	0s55	19s21	1n32	17s26	0n15	15s 2	1n44	23s51	13s49	9n 7	9n45	17s58	11n56	6s23

Julian Day Number = 2199413.5, Delta T = 10m09s
Ecliptic obliquity = 23°31'36, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°06'44, Lahiri = 14°13'44 Julian Calendar 1 Sept. 1309 == Greg. Calendar 9 Sept. 1309

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ASTRODIENST EPHEMERIS for the year 1309
geocentric

OCTOBER 1309 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	1 9 13	15♎25'16	4♍22	9♏56	14♎41	6♓12	2♒ 2	3♐10	19♏34	16♏ 5	1°R26	6°R39	4♍52	17♐55	8♌56	W 1
T 2	1 13 9	16°24'57	17°32	10°52	15°56	6°16	2° 5	3°15	19°37	16° 7	1♓25	6♍38	4°49	18° 2	9° 1	T 2
F 3	1 17 6	17°24'41	0♎29	11°45	17°11	6°22	2° 7	3°21	19°40	16° 9	1°25	6°36	4°45	18° 9	9° 5	F 3
S 4	1 21 2	18°24'27	13°15	12°34	18°27	6°28	2°10	3°26	19°44	16°11	1°24	6°31	4°42	18°15	9° 9	S 4
S 5	1 24 59	19°24'14	25°50	13°19	19°42	6°34	2°12	3°32	19°47	16°13	1°23	6°25	4°39	18°22	9°14	S 5
M 6	1 28 55	20°24'04	8♏12	13°59	20°57	6°42	2°15	3°38	19°50	16°15	1°22	6°17	4°36	18°29	9°18	M 6
T 7	1 32 52	21°23'56	20°25	14°35	22°12	6°50	2°19	3°44	19°54	16°18	1°21	6° 8	4°33	18°36	9°22	T 7
W 8	1 36 48	22°23'50	2♐27	15° 6	23°27	6°59	2°22	3°49	19°57	16°20	1°21	6° 0	4°30	18°42	9°26	W 8
T 9	1 40 45	23°23'45	14°23	15°30	24°43	7° 9	2°26	3°55	20° 0	16°22	1°20	5°52	4°26	18°49	9°30	T 9
F 10	1 44 41	24°23'42	26°14	15°48	25°58	7°19	2°29	4° 1	20° 4	16°24	1°19	5°46	4°23	18°56	9°33	F 10
S 11	1 48 38	25°23'41	8♑ 5	15°59	27°13	7°30	2°33	4° 7	20° 7	16°26	1°19	5°42	4°20	19° 2	9°37	S 11
S 12	1 52 35	26°23'42	20° 0	16°R 2	28°28	7°42	2°37	4°13	20°11	16°28	1°18	5°40	4°17	19° 9	9°41	S 12
M13	1 56 31	27°23'44	2♒ 3	15°57	29°44	7°54	2°42	4°19	20°14	16°30	1°18	5°D40	4°14	19°16	9°44	M13
T 14	2 0 28	28°23'48	14°21	15°42	0♏59	8° 7	2°46	4°26	20°18	16°32	1°17	5°41	4°11	19°23	9°47	T 14
W15	2 4 24	29°23'53	26°58	15°19	2°14	8°21	2°51	4°32	20°21	16°35	1°16	5°42	4° 7	19°29	9°51	W15
T 16	2 8 21	0♏24'00	9♓58	14°46	3°29	8°35	2°56	4°38	20°25	16°37	1°16	5°R42	4° 4	19°36	9°54	T 16
F 17	2 12 17	1°24'09	23°24	14° 3	4°45	8°50	3° 1	4°44	20°28	16°39	1°15	5°41	4° 1	19°43	9°57	F 17
S 18	2 16 14	2°24'19	7♈18	13°11	6° 0	9° 5	3° 6	4°50	20°32	16°41	1°15	5°37	3°58	19°49	10° 0	S 18
S 19	2 20 10	3°24'31	21°38	12°11	7°15	9°21	3°12	4°57	20°35	16°43	1°14	5°31	3°55	19°56	10° 3	S 19
M20	2 24 7	4°24'44	6♉19	11° 2	8°31	9°38	3°17	5° 3	20°39	16°46	1°14	5°22	3°51	20° 3	10° 6	M20
T 21	2 28 4	5°25'00	21°14	9°48	9°46	9°55	3°23	5°10	20°43	16°48	1°13	5°13	3°48	20°10	10° 8	T 21
W22	2 32 0	6°25'18	6♊13	8°30	11° 1	10°13	3°29	5°16	20°46	16°50	1°13	5° 3	3°45	20°16	10°11	W22
T 23	2 35 57	7°25'37	21° 8	7°10	12°16	10°31	3°35	5°22	20°50	16°52	1°13	4°55	3°42	20°23	10°14	T 23
F 24	2 39 53	8°25'58	5♋50	5°51	13°32	10°50	3°41	5°29	20°53	16°54	1°12	4°49	3°39	20°30	10°16	F 24
S 25	2 43 50	9°26'22	20°14	4°36	14°47	11° 9	3°48	5°36	20°57	16°57	1°12	4°45	3°36	20°36	10°18	S 25
S 26	2 47 46	10°26'47	4♌17	3°26	16° 2	11°28	3°54	5°42	21° 1	16°59	1°12	4°43	3°32	20°43	10°21	S 26
M27	2 51 43	11°27'14	17°59	2°25	17°18	11°49	4° 1	5°49	21° 4	17° 1	1°11	4°D43	3°29	20°50	10°23	M27
T 28	2 55 39	12°27'43	1♍21	1°33	18°33	12° 9	4° 8	5°55	21° 8	17° 3	1°11	4°R44	3°26	20°57	10°25	T 28
W29	2 59 36	13°28'14	14°26	0°52	19°48	12°30	4°15	6° 2	21°12	17° 6	1°11	4°43	3°23	21° 3	10°27	W29
T 30	3 3 33	14°28'47	27°17	0°23	21° 4	12°52	4°22	6° 9	21°15	17° 8	1°11	4°41	3°20	21°10	10°29	T 30
F 31	3 7 29	15♏29'22	9♎55	0♏ 5	22♏19	13♓14	4♒29	6♐16	21♏19	17♏10	1♓10	4♍36	3♍16	21♐17	10♌30	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	6s 6	9n45	0s12	17s36	2s55	4s42	1n12	12s33	3s32	20s41	0s55	19s22	1n31	17s27	0n15	15s 3	1n44	23s51	13s49	9n 6	9n46	17s59	11n55	6s24
T 2	6 29	5 51	0n59	17 57	2 58	5 13	1 10	12 27	3 27	20 40	0 55	19 23	1 31	17 28	0 15	15 3	1 44	23 51	13 49	9 6	9 47	18 0	11 53	6 24
F 3	6 52	1 44	2 6	18 16	3 1	5 43	1 9	12 21	3 23	20 39	0 55	19 25	1 31	17 29	0 15	15 4	1 44	23 51	13 49	9 7	9 48	18 1	11 51	6 25
S 4	7 14	2s25	3 5	18 34	3 3	6 13	1 7	12 14	3 18	20 39	0 55	19 26	1 31	17 30	0 15	15 5	1 44	23 51	13 48	9 9	9 49	18 1	11 50	6 25
S 5	7 37	6 22	3 54	18 49	3 4	6 43	1 6	12 8	3 14	20 38	0 55	19 27	1 31	17 31	0 15	15 5	1 44	23 51	13 48	9 11	9 50	18 2	11 48	6 26
M 6	8 0	10 0	4 32	19 2	3 5	7 13	1 4	12 1	3 9	20 37	0 55	19 28	1 31	17 32	0 15	15 6	1 44	23 51	13 48	9 14	9 52	18 3	11 47	6 27
T 7	8 22	13 9	4 56	19 13	3 5	7 42	1 3	11 53	3 5	20 36	0 55	19 29	1 31	17 33	0 15	15 7	1 44	23 51	13 48	9 18	9 53	18 4	11 45	6 27
W 8	8 45	15 43	5 7	19 21	3 4	8 12	1 1	11 46	3 0	20 36	0 55	19 31	1 30	17 33	0 15	15 7	1 44	23 51	13 47	9 21	9 54	18 4	11 43	6 28
T 9	9 7	17 35	5 4	19 27	3 2	8 41	0 59	11 38	2 56	20 35	0 55	19 32	1 30	17 34	0 15	15 8	1 44	23 52	13 47	9 24	9 55	18 5	11 42	6 28
F 10	9 29	18 40	4 48	19 29	2 59	9 10	0 58	11 31	2 52	20 34	0 55	19 33	1 30	17 35	0 15	15 8	1 44	23 52	13 47	9 26	9 56	18 6	11 40	6 29
S 11	9 51	18 57	4 20	19 28	2 55	9 39	0 56	11 22	2 47	20 33	0 54	19 34	1 30	17 36	0 15	15 9	1 44	23 52	13 47	9 27	9 57	18 7	11 39	6 30
S 12	10 13	18 24	3 40	19 24	2 49	10 8	0 54	11 14	2 43	20 32	0 54	19 36	1 30	17 37	0 14	15 10	1 44	23 52	13 47	9 28	9 59	18 7	11 37	6 30
M13	10 35	17 0	2 51	19 16	2 42	10 36	0 52	11 6	2 39	20 31	0 54	19 37	1 30	17 38	0 14	15 10	1 44	23 52	13 46	9 28	10 0	18 8	11 36	6 31
T 14	10 57	14 48	1 52	19 3	2 34	11 4	0 50	10 57	2 35	20 29	0 54	19 38	1 30	17 39	0 14	15 11	1 44	23 52	13 46	9 28	10 1	18 9	11 34	6 31
W15	11 18	11 50	0 47	18 47	2 24	11 32	0 48	10 48	2 31	20 28	0 54	19 39	1 29	17 40	0 14	15 12	1 44	23 52	13 46	9 27	10 2	18 10	11 33	6 32
T 16	11 39	8 13	0s23	18 26	2 12	12 0	0 47	10 39	2 27	20 27	0 54	19 41	1 29	17 41	0 14	15 12	1 44	23 52	13 46	9 27	10 3	18 10	11 31	6 33
F 17	12 0	4 4	1 33	18 0	1 58	12 27	0 45	10 30	2 23	20 26	0 54	19 42	1 29	17 42	0 14	15 13	1 44	23 51	13 45	9 28	10 4	18 11	11 30	6 33
S 18	12 21	0n27	2 41	17 29	1 43	12 54	0 42	10 20	2 19	20 25	0 54	19 43	1 29	17 43	0 14	15 13	1 44	23 51	13 45	9 29	10 5	18 12	11 28	6 34
S 19	12 42	5 4	3 40	16 55	1 26	13 21	0 40	10 11	2 15	20 23	0 54	19 45	1 29	17 44	0 14	15 14	1 44	23 51	13 45	9 31	10 7	18 13	11 27	6 35
M20	13 2	9 29	4 26	16 16	1 8	13 47	0 38	10 1	2 12	20 22	0 54	19 46	1 29	17 45	0 14	15 15	1 44	23 51	13 44	9 35	10 8	18 13	11 26	6 35
T 21	13 23	13 23	4 55	15 34	0 48	14 13	0 36	9 51	2 8	20 20	0 54	19 47	1 29	17 46	0 14	15 15	1 44	23 51	13 44	9 38	10 9	18 14	11 24	6 36
W22	13 43	16 26	5 4	14 50	0 28	14 39	0 34	9 41	2 4	20 19	0 54	19 48	1 29	17 47	0 14	15 16	1 44	23 51	13 44	9 42	10 10	18 15	11 23	6 37
T 23	14 2	18 23	4 52	14 4	0 7	15 4	0 32	9 31	2 1	20 18	0 54	19 50	1 28	17 48	0 14	15 17	1 44	23 51	13 44	9 45	10 11	18 16	11 22	6 37
F 24	14 22	19 3	4 21	13 19	0n13	15 29	0 30	9 20	1 57	20 16	0 53	19 51	1 28	17 49	0 14	15 17	1 44	23 51	13 43	9 47	10 12	18 16	11 20	6 38
S 25	14 41	18 28	3 34	12 35	0 33	15 54	0 27	9 10	1 54	20 14	0 53	19 52	1 28	17 50	0 14	15 18	1 44	23 51	13 43	9 48	10 14	18 17	11 19	6 39
S 26	15 1	16 45	2 35	11 53	0 52	16 18	0 25	8 59	1 50	20 13	0 53	19 53	1 28	17 51	0 14	15 19	1 44	23 51	13 43	9 49	10 15	18 18	11 18	6 39
M27	15 19	14 6	1 28	11 16	1 10	16 42	0 23	8 48	1 47	20 11	0 53	19 55	1 28	17 52	0 14	15 19	1 44	23 50	13 43	9 49	10 16	18 18	11 17	6 40
T 28	15 38	10 45	0 18	10 43	1 26	17 5	0 20	8 37	1 43	20 9	0 53	19 56	1 28	17 53	0 14	15 20	1 44	23 50	13 42	9 49	10 17	18 19	11 16	6 41
W29	15 56	6 56	0n51	10 15	1 40	17 28	0 18	8 26	1 40	20 8	0 53	19 57	1 28	17 54	0 14	15 20	1 44	23 50	13 42	9 49	10 18	18 20	11 14	6 41
T 30	16 14	2 52	1 57	9 53	1 53	17 50	0 16	8 15	1 37	20 6	0 53	19 58	1 28	17 55	0 14	15 21	1 44	23 50	13 42	9 50	10 19	18 21	11 13	6 42
F 31	16s32	1s16	2n55	9s38	2n 3	18s12	0n13	8s 3	1s34	20s 4	0s53	20s 0	1n28	17s56	0n14	15s22	1n44	23s50	13s41	9n52	10n20	18s21	11n12	6s43

Julian Day Number = 2199443.5, Delta T = 10m09s
Ecliptic obliquity = 23°31'36, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°06'48, Lahiri = 14°13'49 Julian Calendar 1 Oct. 1309 == Greg. Calendar 9 Oct. 1309

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ASTRODIENST EPHEMERIS for the year 1309
geocentric

NOVEMBER 1309 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	3 11 26	16♏29'58	22♎23	29°D59	23♏34	13♓36	4♒37	6♐22	21♏23	17♏12	1°R10	4°R28	3♍13	21♐23	10♌32	S 1
S 2	3 15 22	17°30'36	4♏42	0♏ 4	24°50	13°59	4°45	6°29	21°27	17°15	1♓10	4♍17	3°10	21°30	10°33	S 2
M 3	3 19 19	18°31'16	16°53	0°20	26° 5	14°22	4°52	6°36	21°30	17°17	1°10	4° 4	3° 7	21°37	10°35	M 3
T 4	3 23 15	19°31'57	28°57	0°45	27°20	14°46	5° 0	6°43	21°34	17°19	1°10	3°50	3° 4	21°44	10°36	T 4
W 5	3 27 12	20°32'39	10♐55	1°18	28°36	15°10	5° 8	6°50	21°38	17°21	1°10	3°36	3° 1	21°50	10°37	W 5
T 6	3 31 8	21°33'23	22°47	2° 0	29°51	15°35	5°17	6°57	21°41	17°24	1°10	3°23	2°57	21°57	10°38	T 6
F 7	3 35 5	22°34'08	4♑37	2°48	1♐ 6	15°59	5°25	7° 3	21°45	17°26	1°D10	3°12	2°54	22° 4	10°39	F 7
S 8	3 39 2	23°34'54	16°27	3°42	2°22	16°25	5°34	7°10	21°49	17°28	1°10	3° 3	2°51	22°11	10°40	S 8
S 9	3 42 58	24°35'42	28°20	4°42	3°37	16°50	5°42	7°17	21°53	17°30	1°10	2°58	2°48	22°17	10°41	S 9
M10	3 46 55	25°36'30	10♒20	5°46	4°52	17°16	5°51	7°24	21°56	17°33	1°10	2°56	2°45	22°24	10°42	M10
T 11	3 50 51	26°37'19	22°33	6°54	6° 8	17°42	6° 0	7°31	22° 0	17°35	1°10	2°55	2°42	22°31	10°42	T 11
W12	3 54 48	27°38'10	5♓ 4	8° 6	7°23	18° 9	6° 9	7°38	22° 4	17°37	1°10	2°55	2°38	22°37	10°43	W12
T 13	3 58 44	28°39'01	17°57	9°21	8°38	18°36	6°19	7°45	22° 7	17°39	1°10	2°54	2°35	22°44	10°43	T 13
F 14	4 2 41	29°39'53	1♈18	10°38	9°54	19° 3	6°28	7°52	22°11	17°42	1°10	2°52	2°32	22°51	10°43	F 14
S 15	4 6 37	0♐40'46	15° 9	11°57	11° 9	19°30	6°37	7°59	22°15	17°44	1°11	2°47	2°29	22°58	10°43	S 15
S 16	4 10 34	1°41'39	29°31	13°19	12°24	19°58	6°47	8° 6	22°18	17°46	1°11	2°40	2°26	23° 4	10°R43	S 16
M17	4 14 31	2°42'34	14♉19	14°42	13°39	20°26	6°57	8°13	22°22	17°48	1°11	2°30	2°22	23°11	10°43	M17
T 18	4 18 27	3°43'30	29°28	16° 6	14°55	20°54	7° 7	8°20	22°26	17°50	1°11	2°18	2°19	23°18	10°43	T 18
W19	4 22 24	4°44'27	14♊46	17°31	16°10	21°23	7°17	8°27	22°29	17°53	1°12	2° 7	2°16	23°24	10°43	W19
T 20	4 26 20	5°45'24	0♋ 2	18°58	17°25	21°52	7°27	8°34	22°33	17°55	1°12	1°56	2°13	23°31	10°42	T 20
F 21	4 30 17	6°46'23	15° 5	20°25	18°41	22°21	7°37	8°41	22°37	17°57	1°12	1°48	2°10	23°38	10°42	F 21
S 22	4 34 13	7°47'23	29°48	21°53	19°56	22°50	7°47	8°49	22°40	17°59	1°13	1°42	2° 7	23°45	10°41	S 22
S 23	4 38 10	8°48'24	14♌ 4	23°22	21°11	23°20	7°58	8°56	22°44	18° 1	1°13	1°39	2° 3	23°51	10°40	S 23
M24	4 42 6	9°49'26	27°54	24°51	22°26	23°50	8° 8	9° 3	22°47	18° 3	1°13	1°D39	2° 0	23°58	10°40	M24
T 25	4 46 3	10°50'30	11♍18	26°21	23°42	24°20	8°19	9°10	22°51	18° 6	1°14	1°R39	1°57	24° 5	10°39	T 25
W26	4 50 0	11°51'34	24°19	27°51	24°57	24°50	8°30	9°17	22°55	18° 8	1°14	1°38	1°54	24°11	10°38	W26
T 27	4 53 56	12°52'39	7♎ 1	29°21	26°12	25°20	8°41	9°24	22°58	18°10	1°15	1°36	1°51	24°18	10°36	T 27
F 28	4 57 53	13°53'45	19°28	0♐52	27°28	25°51	8°52	9°31	23° 2	18°12	1°15	1°31	1°48	24°25	10°35	F 28
S 29	5 1 49	14°54'52	1♏44	2°23	28°43	26°22	9° 3	9°38	23° 5	18°14	1°16	1°23	1°44	24°32	10°34	S 29
S 30	5 5 46	15♐56'00	13♏51	3♐55	29♐58	26♓53	9♒14	9♐45	23♏ 9	18♏16	1♓17	1♍13	1♍41	24♐38	10♌32	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	16s50	5s17	3n44	9s28	2n11	18s33	0n11	7s52	1s31	20s 2	0s53	20s 1	1n27	17s57	0n14	15s22	1n44	23s49	13s41	9n54	10n22	18s22	11n11	6s43
S 2	17 7	9 1	4 22	9 24	2 18	18 54	0 9	7 40	1 28	20 0	0 53	20 2	1 27	17 58	0 14	15 23	1 44	23 49	13 41	9 58	10 23	18 23	11 10	6 44
M 3	17 24	12 21	4 47	9 24	2 22	19 15	0 6	7 28	1 25	19 58	0 53	20 3	1 27	17 59	0 14	15 24	1 44	23 49	13 41	10 3	10 24	18 23	11 9	6 45
T 4	17 41	15 8	4 59	9 30	2 25	19 34	0 4	7 16	1 22	19 56	0 53	20 5	1 27	18 0	0 14	15 24	1 44	23 49	13 40	10 8	10 25	18 24	11 8	6 45
W 5	17 57	17 15	4 58	9 40	2 27	19 54	0 1	7 4	1 19	19 54	0 53	20 6	1 27	18 0	0 14	15 25	1 44	23 49	13 40	10 14	10 26	18 25	11 7	6 46
T 6	18 13	18 37	4 43	9 54	2 28	20 13	0s 1	6 52	1 16	19 52	0 53	20 7	1 27	18 1	0 14	15 26	1 44	23 48	13 40	10 18	10 27	18 25	11 6	6 47
F 7	18 29	19 10	4 17	10 11	2 27	20 31	0 3	6 40	1 13	19 50	0 53	20 8	1 27	18 2	0 14	15 26	1 44	23 48	13 39	10 22	10 29	18 26	11 5	6 47
S 8	18 44	18 53	3 39	10 31	2 25	20 48	0 6	6 28	1 10	19 48	0 52	20 10	1 27	18 3	0 14	15 27	1 44	23 48	13 39	10 25	10 30	18 27	11 4	6 48
S 9	18 59	17 46	2 52	10 54	2 23	21 5	0 8	6 15	1 7	19 46	0 52	20 11	1 27	18 4	0 14	15 27	1 44	23 47	13 39	10 27	10 31	18 27	11 3	6 49
M10	19 14	15 51	1 56	11 18	2 19	21 22	0 11	6 2	1 5	19 43	0 52	20 12	1 27	18 5	0 14	15 28	1 44	23 47	13 39	10 28	10 32	18 28	11 3	6 49
T 11	19 28	13 11	0 55	11 45	2 15	21 37	0 13	5 50	1 2	19 41	0 52	20 13	1 27	18 6	0 14	15 29	1 44	23 47	13 38	10 28	10 33	18 29	11 2	6 50
W12	19 42	9 52	0s11	12 12	2 10	21 53	0 16	5 37	1 0	19 39	0 52	20 14	1 26	18 7	0 14	15 29	1 44	23 47	13 38	10 28	10 34	18 29	11 1	6 51
T 13	19 56	5 59	1 19	12 41	2 5	22 7	0 18	5 24	0 57	19 36	0 52	20 16	1 26	18 8	0 14	15 30	1 44	23 46	13 38	10 29	10 35	18 30	11 0	6 51
F 14	20 9	1 41	2 24	13 10	2 0	22 21	0 20	5 11	0 54	19 34	0 52	20 17	1 26	18 9	0 14	15 31	1 44	23 46	13 37	10 29	10 37	18 31	11 0	6 52
S 15	20 22	2n52	3 23	13 40	1 54	22 34	0 23	4 58	0 52	19 31	0 52	20 18	1 26	18 10	0 14	15 31	1 44	23 46	13 37	10 31	10 38	18 31	10 59	6 53
S 16	20 35	7 25	4 12	14 11	1 48	22 47	0 25	4 45	0 50	19 29	0 52	20 19	1 26	18 11	0 14	15 32	1 44	23 45	13 37	10 34	10 39	18 32	10 58	6 53
M17	20 47	11 39	4 45	14 42	1 41	22 59	0 28	4 32	0 47	19 26	0 52	20 20	1 26	18 12	0 14	15 32	1 44	23 45	13 36	10 37	10 40	18 33	10 58	6 54
T 18	20 58	15 14	5 0	15 13	1 34	23 10	0 30	4 18	0 45	19 24	0 52	20 22	1 26	18 13	0 14	15 33	1 44	23 44	13 36	10 41	10 41	18 33	10 57	6 55
W19	21 10	17 48	4 53	15 43	1 27	23 20	0 32	4 5	0 43	19 21	0 52	20 23	1 26	18 14	0 14	15 34	1 44	23 44	13 36	10 46	10 42	18 34	10 57	6 56
T 20	21 21	19 6	4 25	16 14	1 20	23 30	0 35	3 51	0 40	19 19	0 52	20 24	1 26	18 15	0 14	15 34	1 44	23 44	13 36	10 49	10 43	18 35	10 56	6 56
F 21	21 31	19 2	3 39	16 44	1 13	23 39	0 37	3 38	0 38	19 16	0 52	20 25	1 26	18 16	0 14	15 35	1 44	23 43	13 35	10 52	10 45	18 35	10 55	6 57
S 22	21 41	17 40	2 40	17 14	1 6	23 48	0 39	3 24	0 36	19 13	0 52	20 26	1 26	18 17	0 14	15 35	1 44	23 43	13 35	10 54	10 46	18 36	10 55	6 57
S 23	21 51	15 12	1 31	17 44	0 59	23 55	0 41	3 10	0 34	19 10	0 52	20 27	1 26	18 18	0 14	15 36	1 44	23 42	13 35	10 55	10 47	18 37	10 55	6 58
M24	22 0	11 56	0 20	18 13	0 51	24 2	0 44	2 57	0 32	19 8	0 52	20 29	1 26	18 19	0 14	15 36	1 44	23 42	13 34	10 56	10 48	18 37	10 54	6 59
T 25	22 9	8 8	0n51	18 42	0 44	24 8	0 46	2 43	0 30	19 5	0 52	20 30	1 26	18 19	0 14	15 37	1 44	23 42	13 34	10 56	10 49	18 38	10 54	6 59
W26	22 18	4 3	1 57	19 9	0 37	24 14	0 48	2 29	0 28	19 2	0 51	20 31	1 26	18 20	0 14	15 38	1 44	23 41	13 34	10 56	10 50	18 38	10 53	7 0
T 27	22 26	0s 7	2 55	19 36	0 30	24 18	0 50	2 15	0 26	18 59	0 51	20 32	1 26	18 21	0 14	15 38	1 44	23 41	13 33	10 57	10 51	18 39	10 53	7 1
F 28	22 33	4 11	3 44	20 3	0 22	24 22	0 52	2 1	0 24	18 56	0 51	20 33	1 25	18 22	0 14	15 39	1 44	23 40	13 33	10 58	10 53	18 40	10 53	7 1
S 29	22 40	8 1	4 22	20 28	0 15	24 25	0 54	1 47	0 22	18 53	0 51	20 34	1 25	18 23	0 14	15 39	1 44	23 40	13 33	11 1	10 54	18 40	10 53	7 2
S 30	22s47	11s29	4n47	20s53	0n 8	24s28	0s56	1s33	0s20	18s50	0s51	20s35	1n25	18s24	0n14	15s40	1n44	23s39	13s33	11n 5	10n55	18s41	10n52	7s 3

Julian Day Number = 2199474.5, Delta T = 10m09s
Ecliptic obliquity = 23°31'36, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°06'52, Lahiri = 14°13'53 Julian Calendar 1 Nov. 1309 == Greg. Calendar 9 Nov. 1309

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ASTRODIENST EPHEMERIS for the year 1309
geocentric

DECEMBER 1309 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	5 9 42	16♐57'09	25♏52	5♐26	1♑13	27♓24	9♒25	9♐52	23♏12	18♏18	1♓17	1°R 0	1♍38	24♐45	10°R31	M 1
T 2	5 13 39	17°58'18	7♐48	6°58	2°29	27°56	9°37	9°59	23°16	18°20	1°18	0♍45	1°35	24°52	10♌29	T 2
W 3	5 17 35	18°59'28	19°41	8°30	3°44	28°27	9°48	10° 6	23°19	18°22	1°18	0°31	1°32	24°58	10°27	W 3
T 4	5 21 32	20° 0'38	1♑33	10° 3	4°59	28°59	10° 0	10°13	23°23	18°24	1°19	0°18	1°28	25° 5	10°25	T 4
F 5	5 25 29	21° 1'49	13°23	11°35	6°14	29°31	10°11	10°20	23°26	18°26	1°20	0° 7	1°25	25°12	10°23	F 5
S 6	5 29 25	22° 3'00	25°15	13° 8	7°30	0♈ 3	10°23	10°27	23°29	18°28	1°20	29♌58	1°22	25°18	10°21	S 6
S 7	5 33 22	23° 4'11	7♒11	14°41	8°45	0°36	10°35	10°34	23°33	18°30	1°21	29°53	1°19	25°25	10°19	S 7
M 8	5 37 18	24° 5'23	19°13	16°14	10° 0	1° 8	10°47	10°41	23°36	18°32	1°22	29°50	1°16	25°32	10°17	M 8
T 9	5 41 15	25° 6'34	1♓26	17°48	11°15	1°41	10°59	10°48	23°39	18°34	1°23	29°D50	1°13	25°39	10°15	T 9
W10	5 45 11	26° 7'45	13°55	19°21	12°30	2°14	11°11	10°55	23°43	18°36	1°23	29°50	1° 9	25°45	10°12	W10
T 11	5 49 8	27° 8'56	26°43	20°55	13°46	2°47	11°23	11° 2	23°46	18°38	1°24	29°R51	1° 6	25°52	10°10	T 11
F 12	5 53 4	28°10'07	9♈55	22°30	15° 1	3°20	11°36	11° 8	23°49	18°39	1°25	29°50	1° 3	25°59	10° 7	F 12
S 13	5 57 1	29°11'18	23°35	24° 4	16°16	3°53	11°48	11°15	23°52	18°41	1°26	29°47	1° 0	26° 5	10° 4	S 13
S 14	6 0 58	0♑12'29	7♉45	25°39	17°31	4°26	12° 0	11°22	23°56	18°43	1°27	29°42	0°57	26°12	10° 1	S 14
M15	6 4 54	1°13'39	22°23	27°14	18°46	5° 0	12°13	11°29	23°59	18°45	1°28	29°35	0°54	26°19	9°59	M15
T 16	6 8 51	2°14'50	7♊25	28°50	20° 1	5°34	12°26	11°36	24° 2	18°47	1°29	29°26	0°50	26°26	9°56	T 16
W17	6 12 47	3°16'00	22°42	0♑25	21°16	6° 7	12°38	11°42	24° 5	18°48	1°30	29°17	0°47	26°32	9°53	W17
T 18	6 16 44	4°17'10	8♋ 3	2° 2	22°31	6°41	12°51	11°49	24° 8	18°50	1°31	29° 9	0°44	26°39	9°49	T 18
F 19	6 20 40	5°18'20	23°16	3°38	23°46	7°15	13° 4	11°56	24°11	18°52	1°32	29° 2	0°41	26°46	9°46	F 19
S 20	6 24 37	6°19'30	8♌12	5°15	25° 2	7°49	13°17	12° 3	24°14	18°54	1°33	28°58	0°38	26°52	9°43	S 20
S 21	6 28 34	7°20'40	22°44	6°53	26°17	8°24	13°30	12° 9	24°17	18°55	1°34	28°D56	0°34	26°59	9°40	S 21
M22	6 32 30	8°21'50	6♍47	8°31	27°32	8°58	13°43	12°16	24°20	18°57	1°35	28°56	0°31	27° 6	9°36	M22
T 23	6 36 27	9°22'59	20°21	10° 9	28°47	9°32	13°56	12°22	24°23	18°58	1°36	28°58	0°28	27°13	9°33	T 23
W24	6 40 23	10°24'09	3♎29	11°48	0♒ 2	10° 7	14° 9	12°29	24°26	19° 0	1°37	28°59	0°25	27°19	9°29	W24
T 25	6 44 20	11°25'19	16°14	13°27	1°17	10°42	14°22	12°35	24°28	19° 2	1°38	28°R59	0°22	27°26	9°25	T 25
F 26	6 48 16	12°26'28	28°40	15° 6	2°32	11°16	14°35	12°42	24°31	19° 3	1°39	28°57	0°19	27°33	9°22	F 26
S 27	6 52 13	13°27'38	10♏52	16°46	3°47	11°51	14°49	12°48	24°34	19° 5	1°40	28°53	0°15	27°39	9°18	S 27
S 28	6 56 9	14°28'47	22°53	18°27	5° 1	12°26	15° 2	12°55	24°37	19° 6	1°42	28°48	0°12	27°46	9°14	S 28
M29	7 0 6	15°29'56	4♐48	20° 8	6°16	13° 1	15°15	13° 1	24°39	19° 8	1°43	28°40	0° 9	27°53	9°10	M29
T 30	7 4 3	16°31'05	16°40	21°49	7°31	13°36	15°29	13° 7	24°42	19° 9	1°44	28°32	0° 6	28° 0	9° 6	T 30
W31	7 7 59	17♑32'13	28♐31	23♑31	8♒46	14♈12	15♒42	13♐14	24♏45	19♏10	1♓45	28♌23	0♍ 3	28♐ 6	9♌ 2	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	22s53	14s27	4n59	21s16	0n 1	24s30	0s58	1s19	0s18	18s47	0s51	20s36	1n25	18s25	0n14	15s40	1n44	23s39	13s32	11n10	10n56	18s41	10n52	7s 3
T 2	22 59	16 47	4 58	21 39	0s 6	24 30	1 0	1 4	0 16	18 44	0 51	20 37	1 25	18 26	0 14	15 41	1 44	23 38	13 32	11 15	10 57	18 42	10 52	7 4
W 3	23 4	18 24	4 44	22 1	0 13	24 31	1 2	0 50	0 14	18 41	0 51	20 38	1 25	18 27	0 14	15 41	1 44	23 38	13 32	11 20	10 58	18 43	10 52	7 4
T 4	23 9	19 13	4 18	22 22	0 20	24 30	1 4	0 36	0 12	18 38	0 51	20 39	1 25	18 27	0 14	15 42	1 44	23 37	13 32	11 24	10 59	18 43	10 52	7 5
F 5	23 13	19 12	3 40	22 42	0 27	24 29	1 6	0 21	0 11	18 34	0 51	20 40	1 25	18 28	0 14	15 42	1 44	23 37	13 31	11 28	11 0	18 44	10 52	7 6
S 6	23 17	18 20	2 53	23 0	0 33	24 26	1 8	0 7	0 9	18 31	0 51	20 41	1 25	18 29	0 14	15 43	1 44	23 36	13 31	11 31	11 2	18 44	10 52	7 6
S 7	23 21	16 39	1 58	23 18	0 39	24 24	1 10	0n 7	0 7	18 28	0 51	20 42	1 25	18 30	0 14	15 43	1 44	23 36	13 31	11 33	11 3	18 45	10 52	7 7
M 8	23 24	14 13	0 56	23 34	0 46	24 20	1 11	0 22	0 6	18 25	0 51	20 43	1 25	18 31	0 14	15 44	1 44	23 35	13 30	11 34	11 4	18 46	10 52	7 7
T 9	23 26	11 8	0s 9	23 49	0 52	24 16	1 13	0 36	0 4	18 21	0 51	20 44	1 25	18 32	0 14	15 44	1 44	23 35	13 30	11 34	11 5	18 46	10 52	7 8
W10	23 28	7 30	1 14	24 3	0 58	24 10	1 15	0 51	0 3	18 18	0 51	20 45	1 25	18 33	0 14	15 45	1 44	23 34	13 30	11 34	11 6	18 47	10 52	7 8
T 11	23 30	3 26	2 18	24 16	1 3	24 4	1 16	1 6	0 1	18 15	0 51	20 46	1 25	18 33	0 14	15 45	1 44	23 34	13 30	11 34	11 7	18 47	10 52	7 9
F 12	23 31	0n55	3 17	24 28	1 9	23 58	1 18	1 20	0n 1	18 11	0 51	20 47	1 25	18 34	0 14	15 46	1 44	23 33	13 29	11 34	11 8	18 48	10 53	7 9
S 13	23 31	5 22	4 7	24 38	1 14	23 50	1 19	1 35	0 2	18 8	0 51	20 48	1 25	18 35	0 14	15 46	1 44	23 33	13 29	11 35	11 10	18 49	10 53	7 10
S 14	23 32	9 41	4 43	24 47	1 20	23 42	1 20	1 50	0 4	18 4	0 51	20 49	1 25	18 36	0 14	15 47	1 45	23 32	13 29	11 37	11 11	18 49	10 53	7 10
M15	23 31	13 33	5 3	24 54	1 25	23 33	1 22	2 4	0 5	18 1	0 51	20 50	1 25	18 37	0 14	15 47	1 45	23 31	13 29	11 40	11 12	18 50	10 53	7 11
T 16	23 30	16 40	5 2	25 1	1 29	23 24	1 23	2 19	0 6	17 57	0 51	20 51	1 25	18 37	0 14	15 48	1 45	23 31	13 28	11 43	11 13	18 50	10 54	7 11
W17	23 29	18 40	4 40	25 5	1 34	23 14	1 24	2 34	0 8	17 53	0 51	20 52	1 25	18 38	0 14	15 48	1 45	23 30	13 28	11 46	11 14	18 51	10 54	7 12
T 18	23 27	19 19	3 58	25 9	1 38	23 3	1 26	2 48	0 9	17 50	0 51	20 53	1 25	18 39	0 14	15 49	1 45	23 30	13 28	11 49	11 15	18 51	10 54	7 12
F 19	23 25	18 34	2 59	25 11	1 42	22 51	1 27	3 3	0 11	17 46	0 51	20 54	1 25	18 40	0 14	15 49	1 45	23 29	13 28	11 51	11 16	18 52	10 55	7 13
S 20	23 22	16 31	1 49	25 11	1 46	22 39	1 28	3 18	0 12	17 42	0 51	20 55	1 25	18 40	0 14	15 49	1 45	23 28	13 27	11 52	11 17	18 52	10 55	7 13
S 21	23 19	13 28	0 33	25 10	1 49	22 26	1 29	3 33	0 13	17 39	0 51	20 56	1 25	18 41	0 14	15 50	1 45	23 28	13 27	11 53	11 19	18 53	10 56	7 14
M22	23 16	9 42	0n42	25 7	1 52	22 12	1 30	3 47	0 15	17 35	0 51	20 57	1 25	18 42	0 14	15 50	1 45	23 27	13 27	11 53	11 20	18 53	10 56	7 14
T 23	23 12	5 34	1 53	25 3	1 55	21 57	1 31	4 2	0 16	17 31	0 51	20 57	1 25	18 42	0 14	15 51	1 45	23 27	13 27	11 53	11 21	18 54	10 57	7 14
W24	23 7	1 17	2 55	24 57	1 58	21 42	1 31	4 17	0 17	17 27	0 51	20 58	1 25	18 43	0 14	15 51	1 45	23 26	13 27	11 52	11 22	18 55	10 57	7 15
T 25	23 2	2s55	3 47	24 50	2 0	21 27	1 32	4 32	0 18	17 23	0 51	20 59	1 25	18 44	0 14	15 51	1 45	23 25	13 26	11 52	11 23	18 55	10 58	7 15
F 26	22 57	6 53	4 27	24 41	2 2	21 10	1 33	4 46	0 19	17 20	0 51	21 0	1 25	18 45	0 14	15 52	1 45	23 25	13 26	11 53	11 24	18 56	10 58	7 15
S 27	22 51	10 29	4 53	24 30	2 3	20 53	1 33	5 1	0 21	17 16	0 51	21 1	1 25	18 45	0 14	15 52	1 45	23 24	13 26	11 54	11 25	18 56	10 59	7 16
S 28	22 44	13 37	5 7	24 18	2 4	20 36	1 34	5 16	0 22	17 12	0 51	21 1	1 25	18 46	0 14	15 53	1 45	23 24	13 26	11 56	11 26	18 57	11 0	7 16
M29	22 37	16 9	5 7	24 4	2 5	20 18	1 34	5 31	0 23	17 8	0 51	21 2	1 25	18 47	0 14	15 53	1 45	23 23	13 25	11 59	11 28	18 57	11 0	7 16
T 30	22 30	17 59	4 53	23 49	2 5	19 59	1 35	5 45	0 24	17 4	0 51	21 3	1 25	18 47	0 14	15 53	1 45	23 22	13 25	12 2	11 29	18 58	11 1	7 17
W31	22s22	19s 4	4n27	23s31	2s 5	19s40	1s35	6n 0	0n25	17s 0	0s51	21s 4	1n25	18s48	0n14	15s54	1n45	23s22	13s25	12n 5	11n30	18s58	11n 2	7s17

Julian Day Number = 2199504.5, Delta T = 10m09s
Ecliptic obliquity = 23°31'35, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°06'56, Lahiri = 14°13'57 Julian Calendar 1 Dec. 1309 == Greg. Calendar 9 Dec. 1309

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ASTRODIENST EPHEMERIS for the year 1310
geocentric

JANUARY 1310 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	7 11 56	18♉33'21	10♉22	25♉14	10♒ 1	14♈47	15♒56	13♐20	24♏47	19♏12	1♓46	28°R16	29♌59	28♐13	8°R58	T 1
F 2	7 15 52	19°34'28	22°16	26°56	11°16	15°22	16°10	13°26	24°50	19°13	1°48	28♌ 9	29°56	28°20	8♌54	F 2
S 3	7 19 49	20°35'34	4♒15	28°39	12°31	15°58	16°23	13°32	24°52	19°14	1°49	28° 4	29°53	28°26	8°50	S 3
S 4	7 23 45	21°36'40	16°19	0♒22	13°46	16°33	16°37	13°38	24°55	19°16	1°50	28° 2	29°50	28°33	8°45	S 4
M 5	7 27 42	22°37'45	28°32	2° 5	15° 0	17° 9	16°51	13°44	24°57	19°17	1°51	28°D 1	29°47	28°40	8°41	M 5
T 6	7 31 38	23°38'48	10♓54	3°49	16°15	17°45	17° 5	13°50	25° 0	19°18	1°53	28° 2	29°44	28°46	8°37	T 6
W 7	7 35 35	24°39'51	23°29	5°32	17°30	18°20	17°18	13°56	25° 2	19°19	1°54	28° 3	29°40	28°53	8°33	W 7
T 8	7 39 32	25°40'52	6♈21	7°15	18°45	18°56	17°32	14° 2	25° 4	19°21	1°55	28° 5	29°37	29° 0	8°28	T 8
F 9	7 43 28	26°41'53	19°32	8°58	19°59	19°32	17°46	14° 8	25° 6	19°22	1°57	28° 6	29°34	29° 7	8°24	F 9
S 10	7 47 25	27°42'52	3♉ 4	10°40	21°14	20° 8	18° 0	14°14	25° 9	19°23	1°58	28°R 6	29°31	29°13	8°19	S 10
S 11	7 51 21	28°43'50	17° 1	12°21	22°29	20°44	18°14	14°19	25°11	19°24	2° 0	28° 5	29°28	29°20	8°15	S 11
M12	7 55 18	29°44'46	1♊21	14° 1	23°43	21°20	18°28	14°25	25°13	19°25	2° 1	28° 2	29°25	29°27	8°10	M12
T 13	7 59 14	0♒45'42	16° 2	15°40	24°58	21°56	18°42	14°31	25°15	19°26	2° 2	27°59	29°21	29°33	8° 6	T 13
W14	8 3 11	1°46'36	0♋59	17°17	26°12	22°32	18°56	14°36	25°17	19°27	2° 4	27°55	29°18	29°40	8° 1	W14
T 15	8 7 7	2°47'29	16° 4	18°52	27°27	23° 9	19°11	14°42	25°19	19°28	2° 5	27°51	29°15	29°47	7°57	T 15
F 16	8 11 4	3°48'20	1♌ 8	20°24	28°41	23°45	19°25	14°47	25°21	19°29	2° 7	27°49	29°12	29°54	7°52	F 16
S 17	8 15 1	4°49'11	16° 1	21°53	29°56	24°21	19°39	14°52	25°23	19°30	2° 8	27°47	29° 9	0♉ 0	7°48	S 17
S 18	8 18 57	5°50'00	0♍35	23°18	1♓10	24°58	19°53	14°58	25°24	19°31	2°10	27°D47	29° 6	0° 7	7°43	S 18
M19	8 22 54	6°50'48	14°46	24°38	2°24	25°34	20° 7	15° 3	25°26	19°31	2°11	27°47	29° 2	0°14	7°38	M19
T 20	8 26 50	7°51'35	28°30	25°53	3°39	26°10	20°22	15° 8	25°28	19°32	2°13	27°49	28°59	0°20	7°34	T 20
W21	8 30 47	8°52'21	11♎47	27° 2	4°53	26°47	20°36	15°13	25°30	19°33	2°14	27°50	28°56	0°27	7°29	W21
T 22	8 34 43	9°53'05	24°40	28° 5	6° 7	27°23	20°50	15°18	25°31	19°34	2°16	27°52	28°53	0°34	7°25	T 22
F 23	8 38 40	10°53'49	7♏12	29° 0	7°21	28° 0	21° 5	15°23	25°33	19°34	2°17	27°R52	28°50	0°40	7°20	F 23
S 24	8 42 36	11°54'32	19°26	29°47	8°36	28°37	21°19	15°28	25°34	19°35	2°19	27°52	28°46	0°47	7°15	S 24
S 25	8 46 33	12°55'13	1♐28	0♓25	9°50	29°13	21°33	15°33	25°36	19°36	2°20	27°51	28°43	0°54	7°11	S 25
M26	8 50 30	13°55'54	13°22	0°53	11° 4	29°50	21°48	15°38	25°37	19°36	2°22	27°50	28°40	1° 1	7° 6	M26
T 27	8 54 26	14°56'33	25°13	1°12	12°18	0♉27	22° 2	15°43	25°39	19°37	2°23	27°48	28°37	1° 7	7° 2	T 27
W28	8 58 23	15°57'11	7♉ 3	1°R20	13°32	1° 4	22°16	15°47	25°40	19°37	2°25	27°46	28°34	1°14	6°57	W28
T 29	9 2 19	16°57'48	18°57	1°18	14°46	1°40	22°31	15°52	25°41	19°38	2°26	27°44	28°31	1°21	6°53	T 29
F 30	9 6 16	17°58'23	0♒56	1° 5	16° 0	2°17	22°45	15°56	25°42	19°38	2°28	27°43	28°27	1°27	6°48	F 30
S 31	9 10 12	18♒58'56	13♒ 4	0♓42	17♓14	2♉54	23♒ 0	16♐ 1	25♏44	19♏39	2♓30	27♌42	28♌24	1♉34	6♌44	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	22s14	19s18	3n50	23s12	2s 5	19s20	1s36	6n15	0n26	16s56	0s51	21s 5	1n25	18s48	0n14	15s54	1n45	23s21	13s25	12n 7	11n31	18s59	11n 3	7s17	
F 2	22 6	18 41	3 2	22 52	2 3	19 0	1 36	6 30	0 27	16 52	0 51	21 5	1 25	18 49	0 14	15 54	1 45	23 20	13 25	12 10	11 32	18 59	11 3	7 18	
S 3	21 57	17 14	2 6	22 29	2 2	18 39	1 36	6 44	0 28	16 47	0 51	21 6	1 25	18 50	0 14	15 55	1 45	23 20	13 25	12 11	11 33	19 0	11 4	7 18	
S 4	21 47	15 0	1 3	22 5	2 0	18 17	1 36	6 59	0 29	16 43	0 51	21 7	1 25	18 50	0 14	15 55	1 45	23 19	13 24	12 12	11 34	19 0	11 5	7 18	
M 5	21 37	12 4	0s 3	21 40	1 57	17 55	1 36	7 14	0 30	16 39	0 51	21 7	1 25	18 51	0 14	15 55	1 45	23 18	13 24	12 12	11 35	19 1	11 6	7 18	
T 6	21 27	8 35	1 10	21 12	1 53	17 33	1 36	7 28	0 31	16 35	0 51	21 8	1 25	18 51	0 14	15 55	1 46	23 18	13 24	12 12	11 37	19 1	11 7	7 18	
W 7	21 16	4 39	2 15	20 43	1 49	17 10	1 36	7 43	0 32	16 31	0 51	21 9	1 25	18 52	0 14	15 56	1 46	23 17	13 24	12 12	11 38	19 2	11 8	7 19	
T 8	21 5	0 27	3 14	20 13	1 45	16 46	1 36	7 57	0 33	16 26	0 51	21 9	1 25	18 53	0 14	15 56	1 46	23 17	13 24	12 11	11 39	19 2	11 9	7 19	
F 9	20 54	3n53	4 5	19 41	1 40	16 23	1 35	8 12	0 34	16 22	0 51	21 10	1 25	18 53	0 14	15 56	1 46	23 16	13 24	12 11	11 40	19 3	11 10	7 19	
S 10	20 42	8 8	4 44	19 7	1 34	15 58	1 35	8 26	0 35	16 18	0 51	21 11	1 25	18 54	0 14	15 56	1 46	23 15	13 23	12 11	11 41	19 3	11 11	7 19	
S 11	20 29	12 3	5 8	18 33	1 27	15 33	1 34	8 41	0 36	16 14	0 51	21 11	1 25	18 54	0 14	15 57	1 46	23 15	13 23	12 11	11 42	19 4	11 12	7 19	
M12	20 17	15 24	5 13	17 57	1 19	15 8	1 34	8 55	0 37	16 9	0 51	21 12	1 25	18 55	0 14	15 57	1 46	23 14	13 23	12 12	11 43	19 4	11 13	7 19	
T 13	20 4	17 51	4 58	17 20	1 11	14 43	1 33	9 10	0 38	16 5	0 51	21 13	1 25	18 55	0 14	15 57	1 46	23 13	13 23	12 13	11 44	19 5	11 14	7 19	
W14	19 50	19 8	4 23	16 42	1 2	14 17	1 33	9 24	0 39	16 0	0 51	21 13	1 25	18 56	0 14	15 57	1 46	23 13	13 23	12 14	11 45	19 5	11 15	7 19	
T 15	19 36	19 5	3 30	16 3	0 52	13 50	1 32	9 38	0 40	15 56	0 51	21 14	1 25	18 56	0 14	15 58	1 46	23 12	13 23	12 16	11 47	19 5	11 16	7 19	
F 16	19 22	17 41	2 22	15 24	0 41	13 24	1 31	9 52	0 40	15 52	0 51	21 14	1 25	18 57	0 14	15 58	1 46	23 11	13 23	12 17	11 48	19 6	11 17	7 19	
S 17	19 8	15 4	1 4	14 44	0 30	12 57	1 30	10 7	0 41	15 47	0 51	21 15	1 26	18 57	0 14	15 58	1 46	23 11	13 22	12 17	11 49	19 6	11 18	7 19	
S 18	18 53	11 33	0n15	14 5	0 18	12 29	1 29	10 21	0 42	15 43	0 51	21 15	1 26	18 57	0 14	15 58	1 46	23 10	13 22	12 17	11 50	19 7	11 19	7 19	
M19	18 38	7 26	1 32	13 26	0 4	12 2	1 28	10 35	0 43	15 38	0 51	21 16	1 26	18 58	0 14	15 58	1 46	23 9	13 22	12 17	11 51	19 7	11 20	7 19	
T 20	18 22	3 4	2 42	12 47	0n 9	11 34	1 27	10 49	0 44	15 34	0 51	21 17	1 26	18 58	0 14	15 58	1 46	23 9	13 22	12 17	11 52	19 8	11 22	7 19	
W21	18 6	1s19	3 40	12 10	0 24	11 5	1 26	11 3	0 44	15 29	0 51	21 17	1 26	18 59	0 14	15 59	1 46	23 8	13 22	12 16	11 53	19 8	11 23	7 19	
T 22	17 50	5 29	4 25	11 34	0 39	10 37	1 25	11 17	0 45	15 25	0 51	21 18	1 26	18 59	0 14	15 59	1 46	23 7	13 22	12 16	11 54	19 9	11 24	7 19	
F 23	17 34	9 18	4 56	11 1	0 55	10 8	1 23	11 31	0 46	15 20	0 51	21 18	1 26	18 59	0 14	15 59	1 46	23 7	13 22	12 15	11 55	19 9	11 25	7 19	
S 24	17 17	12 38	5 13	10 29	1 11	9 39	1 22	11 45	0 46	15 16	0 51	21 19	1 26	19 0	0 14	15 59	1 47	23 6	13 22	12 15	11 57	19 9	11 26	7 19	
S 25	17 0	15 23	5 16	10 0	1 27	9 9	1 21	11 58	0 47	15 11	0 51	21 19	1 26	19 0	0 14	15 59	1 47	23 5	13 22	12 16	11 58	19 10	11 28	7 19	
M26	16 42	17 27	5 5	9 35	1 44	8 40	1 19	12 12	0 48	15 6	0 51	21 19	1 26	19 0	0 14	15 59	1 47	23 5	13 22	12 16	11 59	19 10	11 29	7 19	
T 27	16 25	18 46	4 41	9 13	2 0	8 10	1 18	12 26	0 49	15 2	0 52	21 20	1 26	19 1	0 14	15 59	1 47	23 4	13 22	12 17	12 0	19 11	11 30	7 19	
W28	16 7	19 15	4 5	8 55	2 16	7 40	1 16	12 39	0 49	14 57	0 52	21 20	1 26	19 1	0 14	15 59	1 47	23 4	13 21	12 18	12 1	19 11	11 31	7 19	
T 29	15 49	18 54	3 19	8 41	2 32	7 10	1 14	12 53	0 50	14 52	0 52	21 21	1 26	19 1	0 14	15 59	1 47	23 3	13 21	12 18	12 2	19 12	11 33	7 18	
F 30	15 30	17 42	2 23	8 32	2 46	6 39	1 12	13 6	0 50	14 48	0 52	21 21	1 26	19 2	0 14	16 0	1 47	23 2	13 21	12 19	12 3	19 12	11 34	7 18	
S 31	15s11	15s40	1n20	8s27	3n 0	6s 9	1s10	13n19	0n51	14s43	0s52	21s22	1n26	19s 2	0n14	16s 0	1n47	23s 2	13s21	12n19	12n 4	19s12	11n35	7s18	

Julian Day Number = 2199535.5, Delta T = 10m09s
Ecliptic obliquity = 23°31'35, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°07'01, Lahiri = 14°14'01 Julian Calendar 1 Jan. 1310 == Greg. Calendar 9 Jan. 1310

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ASTRODIENST EPHEMERIS for the year 1310
geocentric

FEBRUARY 1310 JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	9 14 9	19♒59'29	25♒21	0°R10	18♓28	3♉31	23♒14	16♐ 5	25♏45	19♏39	2♓31	27°D42	28♌21	1♑41	6°R39	S 1
M 2	9 18 5	20°59'59	7♓49	29♒29	19°42	4° 8	23°28	16° 9	25°46	19°39	2°33	27♌42	28°18	1°47	6♌35	M 2
T 3	9 22 2	22° 0'28	20°30	28°40	20°55	4°45	23°43	16°13	25°47	19°40	2°34	27°42	28°15	1°54	6°31	T 3
W 4	9 25 59	23° 0'54	3♈23	27°45	22° 9	5°22	23°57	16°18	25°48	19°40	2°36	27°43	28°12	2° 1	6°26	W 4
T 5	9 29 55	24° 1'19	16°30	26°45	23°23	5°59	24°12	16°22	25°49	19°40	2°38	27°43	28° 8	2° 8	6°22	T 5
F 6	9 33 52	25° 1'42	29°51	25°42	24°36	6°36	24°26	16°25	25°49	19°41	2°39	27°43	28° 5	2°14	6°18	F 6
S 7	9 37 48	26° 2'03	13♉28	24°37	25°50	7°13	24°41	16°29	25°50	19°41	2°41	27°44	28° 2	2°21	6°13	S 7
S 8	9 41 45	27° 2'22	27°21	23°32	27° 3	7°50	24°55	16°33	25°51	19°41	2°42	27°44	27°59	2°28	6° 9	S 8
M 9	9 45 41	28° 2'40	11♊28	22°28	28°17	8°27	25°10	16°37	25°52	19°41	2°44	27°44	27°56	2°34	6° 5	M 9
T 10	9 49 38	29° 2'54	25°49	21°27	29°30	9° 5	25°24	16°40	25°52	19°41	2°46	27°44	27°52	2°41	6° 1	T 10
W11	9 53 34	0♓ 3'07	10♋21	20°31	0♈44	9°42	25°38	16°44	25°53	19°41	2°47	27°44	27°49	2°48	5°57	W11
T 12	9 57 31	1° 3'18	24°58	19°39	1°57	10°19	25°53	16°47	25°53	19°R41	2°49	27°44	27°46	2°54	5°53	T 12
F 13	10 1 28	2° 3'27	9♌36	18°53	3°10	10°56	26° 7	16°51	25°54	19°41	2°51	27°44	27°43	3° 1	5°49	F 13
S 14	10 5 24	3° 3'34	24° 8	18°14	4°23	11°33	26°22	16°54	25°54	19°41	2°52	27°R45	27°40	3° 8	5°45	S 14
S 15	10 9 21	4° 3'38	8♍29	17°41	5°36	12°11	26°36	16°57	25°55	19°41	2°54	27°45	27°37	3°15	5°42	S 15
M16	10 13 17	5° 3'41	22°32	17°15	6°49	12°48	26°50	17° 0	25°55	19°41	2°55	27°44	27°33	3°21	5°38	M16
T 17	10 17 14	6° 3'42	6♎15	16°56	8° 2	13°25	27° 5	17° 3	25°55	19°41	2°57	27°43	27°30	3°28	5°34	T 17
W18	10 21 10	7° 3'41	19°35	16°44	9°15	14° 2	27°19	17° 6	25°55	19°41	2°59	27°42	27°27	3°35	5°31	W18
T 19	10 25 7	8° 3'39	2♏33	16°D38	10°28	14°40	27°33	17° 9	25°55	19°40	3° 0	27°41	27°24	3°41	5°27	T 19
F 20	10 29 3	9° 3'35	15°10	16°39	11°41	15°17	27°48	17°12	25°56	19°40	3° 2	27°39	27°21	3°48	5°24	F 20
S 21	10 33 0	10° 3'29	27°28	16°46	12°54	15°54	28° 2	17°14	25°R56	19°40	3° 3	27°39	27°17	3°55	5°20	S 21
S 22	10 36 56	11° 3'21	9♐33	16°58	14° 6	16°32	28°16	17°17	25°56	19°39	3° 5	27°D38	27°14	4° 1	5°17	S 22
M23	10 40 53	12° 3'12	21°29	17°16	15°19	17° 9	28°30	17°19	25°56	19°39	3° 7	27°38	27°11	4° 8	5°14	M23
T 24	10 44 50	13° 3'01	3♑20	17°40	16°31	17°46	28°45	17°22	25°55	19°39	3° 8	27°39	27° 8	4°15	5°11	T 24
W25	10 48 46	14° 2'48	15°11	18° 8	17°44	18°24	28°59	17°24	25°55	19°38	3°10	27°41	27° 5	4°21	5° 8	W25
T 26	10 52 43	15° 2'34	27° 7	18°40	18°56	19° 1	29°13	17°26	25°55	19°38	3°12	27°42	27° 2	4°28	5° 5	T 26
F 27	10 56 39	16° 2'17	9♒11	19°17	20° 8	19°39	29°27	17°28	25°55	19°37	3°13	27°43	26°58	4°35	5° 2	F 27
S 28	11 0 36	17♓ 1'59	21♒27	19♒58	21♈21	20♉16	29♒41	17♐30	25♏54	19♏37	3♓15	27°R44	26♌55	4♑42	4♌59	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14s52	12s55	0n13	8s27	3n12	5s38	1s 9	13n33	0n52	14s38	0s52	21s22	1n26	19s 2	0n14	16s 0	1n47	23s 1	13s21	12n19	12n 5	19s13	11n36	7s18
M 2	14 33	9 32	0s56	8 32	3 23	5 7	1 7	13 46	0 52	14 34	0 52	21 22	1 26	19 2	0 14	16 0	1 47	23 0	13 21	12 19	12 7	19 13	11 38	7 18
T 3	14 13	5 40	2 3	8 40	3 32	4 36	1 5	13 59	0 53	14 29	0 52	21 23	1 26	19 3	0 14	16 0	1 47	23 0	13 21	12 19	12 8	19 14	11 39	7 17
W 4	13 54	1 29	3 5	8 53	3 39	4 5	1 2	14 12	0 53	14 24	0 52	21 23	1 27	19 3	0 14	16 0	1 47	22 59	13 21	12 19	12 9	19 14	11 40	7 17
T 5	13 34	2n50	3 59	9 9	3 43	3 34	1 0	14 25	0 54	14 19	0 52	21 23	1 27	19 3	0 14	16 0	1 47	22 58	13 21	12 19	12 10	19 14	11 42	7 17
F 6	13 14	7 5	4 41	9 28	3 46	3 2	0 58	14 38	0 55	14 15	0 52	21 24	1 27	19 3	0 14	16 0	1 47	22 58	13 21	12 18	12 11	19 15	11 43	7 16
S 7	12 53	11 3	5 8	9 49	3 46	2 31	0 56	14 50	0 55	14 10	0 52	21 24	1 27	19 3	0 14	16 0	1 47	22 57	13 21	12 18	12 12	19 15	11 44	7 16
S 8	12 33	14 29	5 18	10 12	3 44	1 59	0 53	15 3	0 56	14 5	0 52	21 24	1 27	19 4	0 14	16 0	1 47	22 57	13 21	12 18	12 13	19 16	11 46	7 16
M 9	12 12	17 9	5 9	10 37	3 39	1 28	0 51	15 16	0 56	14 0	0 52	21 25	1 27	19 4	0 14	16 0	1 47	22 56	13 21	12 18	12 14	19 16	11 47	7 15
T 10	11 51	18 47	4 40	11 2	3 33	0 56	0 48	15 28	0 57	13 55	0 52	21 25	1 27	19 4	0 14	16 0	1 48	22 55	13 21	12 18	12 15	19 16	11 48	7 15
W11	11 30	19 14	3 54	11 27	3 25	0 25	0 46	15 41	0 57	13 51	0 52	21 25	1 27	19 4	0 14	16 0	1 48	22 55	13 21	12 18	12 16	19 17	11 50	7 15
T 12	11 8	18 24	2 52	11 52	3 16	0n 7	0 43	15 53	0 58	13 46	0 53	21 25	1 27	19 4	0 14	16 0	1 48	22 54	13 21	12 18	12 18	19 17	11 51	7 14
F 13	10 47	16 19	1 39	12 17	3 5	0 39	0 41	16 5	0 58	13 41	0 53	21 26	1 27	19 4	0 14	16 0	1 48	22 54	13 21	12 18	12 19	19 17	11 52	7 14
S 14	10 25	13 13	0 20	12 40	2 54	1 10	0 38	16 17	0 59	13 36	0 53	21 26	1 27	19 4	0 14	15 59	1 48	22 53	13 21	12 18	12 20	19 18	11 54	7 13
S 15	10 3	9 20	0n59	13 2	2 41	1 42	0 35	16 29	0 59	13 31	0 53	21 26	1 27	19 5	0 14	15 59	1 48	22 53	13 21	12 18	12 21	19 18	11 55	7 13
M16	9 41	5 1	2 13	13 22	2 28	2 13	0 32	16 41	1 0	13 26	0 53	21 26	1 27	19 5	0 14	15 59	1 48	22 52	13 21	12 18	12 22	19 18	11 56	7 13
T 17	9 19	0 32	3 18	13 41	2 14	2 45	0 30	16 53	1 0	13 22	0 53	21 27	1 27	19 5	0 14	15 59	1 48	22 51	13 21	12 19	12 23	19 19	11 57	7 12
W18	8 57	3s50	4 10	13 58	2 1	3 16	0 27	17 4	1 1	13 17	0 53	21 27	1 28	19 5	0 14	15 59	1 48	22 51	13 21	12 19	12 24	19 19	11 59	7 12
T 19	8 35	7 54	4 47	14 13	1 47	3 48	0 24	17 16	1 1	13 12	0 53	21 27	1 28	19 5	0 14	15 59	1 48	22 50	13 21	12 19	12 25	19 20	12 0	7 11
F 20	8 12	11 31	5 9	14 26	1 33	4 19	0 21	17 27	1 1	13 7	0 53	21 27	1 28	19 5	0 14	15 59	1 48	22 50	13 22	12 20	12 26	19 20	12 1	7 11
S 21	7 49	14 31	5 17	14 37	1 19	4 50	0 18	17 39	1 2	13 2	0 53	21 27	1 28	19 5	0 14	15 59	1 48	22 49	13 22	12 20	12 27	19 20	12 3	7 10
S 22	7 27	16 51	5 10	14 46	1 5	5 21	0 15	17 50	1 2	12 57	0 53	21 28	1 28	19 5	0 14	15 59	1 48	22 49	13 22	12 20	12 29	19 21	12 4	7 10
M23	7 4	18 26	4 50	14 54	0 52	5 52	0 12	18 1	1 3	12 52	0 53	21 28	1 28	19 5	0 14	15 58	1 48	22 48	13 22	12 20	12 30	19 21	12 5	7 9
T 24	6 41	19 12	4 18	14 59	0 38	6 23	0 9	18 12	1 3	12 47	0 54	21 28	1 28	19 5	0 14	15 58	1 48	22 48	13 22	12 20	12 31	19 21	12 6	7 9
W25	6 18	19 7	3 34	15 3	0 26	6 54	0 5	18 23	1 3	12 43	0 54	21 28	1 28	19 5	0 14	15 58	1 48	22 47	13 22	12 19	12 32	19 22	12 8	7 8
T 26	5 55	18 10	2 41	15 5	0 13	7 24	0 2	18 34	1 4	12 38	0 54	21 28	1 28	19 5	0 14	15 58	1 48	22 47	13 22	12 19	12 33	19 22	12 9	7 7
F 27	5 32	16 24	1 41	15 5	0 1	7 55	0n 1	18 44	1 4	12 33	0 54	21 28	1 28	19 4	0 14	15 58	1 48	22 46	13 22	12 18	12 34	19 22	12 10	7 7
S 28	5s 8	13s51	0n35	15s 3	0s11	8n25	0n 4	18n55	1n 5	12s28	0s54	21s28	1n28	19s 4	0n14	15s58	1n49	22s46	13s22	12n18	12n35	19s22	12n11	7s 6

Julian Day Number = 2199566.5, Delta T = 10m09s
Ecliptic obliquity = 23°31'36, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°07'05, Lahiri = 14°14'05 Julian Calendar 1 Feb. 1310 == Greg. Calendar 9 Feb. 1310

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ASTRODIENST EPHEMERIS for the year 1310
geocentric

MARCH 1310 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	11 4 32	18♓ 1'39	3♓57	20♒43	22♈33	20♉53	29♒55	17♐32	25°R54	19°R36	3♓16	27°R44	26♌52	4♑48	4°R56	S 1
M 2	11 8 29	19° 1'16	16°43	21°31	23°45	21°31	0♓10	17°34	25♏54	19♏36	3°18	27♌43	26°49	4°55	4♌53	M 2
T 3	11 12 25	20° 0'52	29°46	22°23	24°57	22° 8	0°24	17°36	25°53	19°35	3°19	27°41	26°46	5° 2	4°51	T 3
W 4	11 16 22	21° 0'26	13♈ 3	23°18	26° 9	22°46	0°38	17°37	25°53	19°35	3°21	27°38	26°43	5° 8	4°48	W 4
T 5	11 20 19	21°59'57	26°35	24°15	27°21	23°23	0°52	17°39	25°52	19°34	3°23	27°34	26°39	5°15	4°46	T 5
F 6	11 24 15	22°59'26	10♉19	25°16	28°32	24° 1	1° 5	17°40	25°51	19°33	3°24	27°31	26°36	5°22	4°44	F 6
S 7	11 28 12	23°58'53	24°13	26°19	29°44	24°38	1°19	17°42	25°51	19°32	3°26	27°27	26°33	5°28	4°42	S 7
S 8	11 32 8	24°58'18	8♊15	27°24	0♉56	25°16	1°33	17°43	25°50	19°32	3°27	27°25	26°30	5°35	4°39	S 8
M 9	11 36 5	25°57'40	22°22	28°32	2° 7	25°53	1°47	17°44	25°49	19°31	3°29	27°D24	26°27	5°42	4°38	M 9
T 10	11 40 1	26°57'00	6♋33	29°42	3°18	26°31	2° 1	17°45	25°48	19°30	3°30	27°24	26°23	5°48	4°36	T 10
W11	11 43 58	27°56'18	20°45	0♓54	4°30	27° 8	2°15	17°46	25°47	19°29	3°32	27°26	26°20	5°55	4°34	W11
T 12	11 47 54	28°55'33	4♌57	2° 8	5°41	27°46	2°28	17°47	25°46	19°28	3°33	27°27	26°17	6° 2	4°32	T 12
F 13	11 51 51	29°54'46	19° 7	3°25	6°52	28°23	2°42	17°47	25°45	19°28	3°35	27°28	26°14	6° 9	4°31	F 13
S 14	11 55 48	0♈53'56	3♍11	4°43	8° 3	29° 1	2°55	17°48	25°44	19°27	3°36	27°R28	26°11	6°15	4°29	S 14
S 15	11 59 44	1°53'04	17° 6	6° 3	9°14	29°38	3° 9	17°48	25°43	19°26	3°38	27°27	26° 8	6°22	4°28	S 15
M16	12 3 41	2°52'10	0♎50	7°25	10°25	0♊16	3°22	17°49	25°42	19°25	3°39	27°24	26° 4	6°29	4°26	M16
T 17	12 7 37	3°51'14	14°18	8°48	11°35	0°53	3°36	17°49	25°41	19°24	3°41	27°19	26° 1	6°35	4°25	T 17
W18	12 11 34	4°50'16	27°30	10°14	12°46	1°31	3°49	17°49	25°40	19°23	3°42	27°13	25°58	6°42	4°24	W18
T 19	12 15 30	5°49'16	10♏23	11°40	13°56	2° 8	4° 3	17°50	25°38	19°22	3°43	27° 6	25°55	6°49	4°23	T 19
F 20	12 19 27	6°48'14	22°59	13° 9	15° 7	2°46	4°16	17°R50	25°37	19°21	3°45	27° 0	25°52	6°55	4°22	F 20
S 21	12 23 23	7°47'10	5♐18	14°39	16°17	3°23	4°29	17°50	25°36	19°20	3°46	26°54	25°48	7° 2	4°21	S 21
S 22	12 27 20	8°46'05	17°24	16°11	17°27	4° 1	4°42	17°49	25°34	19°18	3°48	26°50	25°45	7° 9	4°21	S 22
M23	12 31 16	9°44'58	29°20	17°45	18°37	4°38	4°56	17°49	25°33	19°17	3°49	26°47	25°42	7°15	4°20	M23
T 24	12 35 13	10°43'49	11♑12	19°20	19°47	5°16	5° 9	17°49	25°31	19°16	3°50	26°D47	25°39	7°22	4°20	T 24
W25	12 39 10	11°42'38	23° 3	20°56	20°57	5°53	5°22	17°48	25°30	19°15	3°52	26°47	25°36	7°29	4°19	W25
T 26	12 43 6	12°41'25	4♒59	22°34	22° 7	6°31	5°35	17°48	25°28	19°14	3°53	26°49	25°33	7°36	4°19	T 26
F 27	12 47 3	13°40'11	17° 6	24°14	23°16	7° 8	5°47	17°47	25°27	19°12	3°54	26°50	25°29	7°42	4°19	F 27
S 28	12 50 59	14°38'54	29°27	25°55	24°26	7°46	6° 0	17°46	25°25	19°11	3°56	26°R50	25°26	7°49	4°D19	S 28
S 29	12 54 56	15°37'36	12♓ 6	27°38	25°35	8°24	6°13	17°45	25°23	19°10	3°57	26°49	25°23	7°56	4°19	S 29
M30	12 58 52	16°36'16	25° 6	29°23	26°44	9° 1	6°26	17°45	25°22	19° 9	3°58	26°46	25°20	8° 2	4°19	M30
T 31	13 2 49	17♈34'54	8♈27	1♈ 9	27♉53	9♊39	6♓38	17♐43	25♏20	19♏ 7	3♓59	26♌40	25♌17	8♑ 9	4♌19	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	4s45	10s38	0s34	14s59	0s22	8n55	0n 7	19n 5	1n 5	12s23	0s54	21s28	1n28	19s 4	0n14	15s57	1n49	22s45	13s22	12n18	12n36	19s23	12n13	7s 6
M 2	4 22	6 50	1 43	14 54	0 33	9 25	0 11	19 15	1 5	12 18	0 54	21 28	1 29	19 4	0 14	15 57	1 49	22 45	13 22	12 19	12 37	19 23	12 14	7 5
T 3	3 58	2 39	2 47	14 47	0 43	9 55	0 14	19 26	1 6	12 13	0 54	21 29	1 29	19 4	0 14	15 57	1 49	22 44	13 23	12 19	12 38	19 23	12 15	7 4
W 4	3 35	1n44	3 44	14 38	0 53	10 24	0 17	19 36	1 6	12 8	0 54	21 29	1 29	19 4	0 14	15 57	1 49	22 44	13 23	12 20	12 39	19 24	12 16	7 4
T 5	3 11	6 6	4 29	14 28	1 2	10 53	0 21	19 45	1 6	12 3	0 55	21 29	1 29	19 4	0 14	15 57	1 49	22 43	13 23	12 22	12 40	19 24	12 17	7 3
F 6	2 48	10 13	5 0	14 16	1 11	11 22	0 24	19 55	1 7	11 59	0 55	21 29	1 29	19 4	0 14	15 56	1 49	22 43	13 23	12 23	12 42	19 24	12 18	7 3
S 7	2 24	13 50	5 13	14 2	1 19	11 51	0 28	20 5	1 7	11 54	0 55	21 29	1 29	19 3	0 14	15 56	1 49	22 42	13 23	12 24	12 43	19 25	12 20	7 2
S 8	2 0	16 41	5 8	13 47	1 27	12 19	0 31	20 14	1 7	11 49	0 55	21 29	1 29	19 3	0 14	15 56	1 49	22 42	13 23	12 25	12 44	19 25	12 21	7 1
M 9	1 37	18 34	4 45	13 30	1 35	12 47	0 34	20 23	1 7	11 44	0 55	21 29	1 29	19 3	0 14	15 56	1 49	22 41	13 23	12 25	12 45	19 25	12 22	7 1
T 10	1 13	19 19	4 4	13 12	1 42	13 15	0 38	20 33	1 8	11 39	0 55	21 29	1 29	19 3	0 14	15 55	1 49	22 41	13 24	12 25	12 46	19 25	12 23	7 0
W11	0 49	18 50	3 8	12 53	1 48	13 43	0 41	20 42	1 8	11 34	0 55	21 29	1 29	19 3	0 14	15 55	1 49	22 40	13 24	12 25	12 47	19 26	12 24	6 59
T 12	0 26	17 9	2 0	12 32	1 54	14 10	0 45	20 51	1 8	11 30	0 55	21 29	1 29	19 2	0 14	15 55	1 49	22 40	13 24	12 24	12 48	19 26	12 25	6 59
F 13	0 2	14 25	0 46	12 9	2 0	14 37	0 48	20 59	1 9	11 25	0 55	21 29	1 29	19 2	0 14	15 54	1 49	22 40	13 24	12 24	12 49	19 26	12 26	6 58
S 14	0n22	10 52	0n31	11 45	2 5	15 3	0 52	21 8	1 9	11 20	0 56	21 29	1 30	19 2	0 14	15 54	1 49	22 39	13 24	12 24	12 50	19 26	12 27	6 57
S 15	0 45	6 43	1 45	11 20	2 9	15 29	0 55	21 16	1 9	11 15	0 56	21 29	1 30	19 2	0 14	15 54	1 49	22 39	13 24	12 24	12 51	19 27	12 28	6 56
M16	1 9	2 18	2 52	10 53	2 13	15 55	0 58	21 25	1 9	11 10	0 56	21 29	1 30	19 1	0 14	15 54	1 49	22 39	13 25	12 25	12 52	19 27	12 29	6 56
T 17	1 32	2s10	3 48	10 25	2 17	16 21	1 2	21 33	1 10	11 6	0 56	21 29	1 30	19 1	0 14	15 53	1 49	22 38	13 25	12 27	12 53	19 27	12 30	6 55
W18	1 56	6 25	4 30	9 55	2 20	16 46	1 5	21 41	1 10	11 1	0 56	21 29	1 30	19 1	0 14	15 53	1 49	22 38	13 25	12 29	12 55	19 27	12 31	6 54
T 19	2 19	10 17	4 57	9 24	2 23	17 10	1 9	21 49	1 10	10 56	0 56	21 28	1 30	19 1	0 14	15 53	1 49	22 37	13 25	12 31	12 56	19 28	12 32	6 54
F 20	2 43	13 36	5 9	8 52	2 25	17 35	1 12	21 56	1 10	10 51	0 56	21 28	1 30	19 0	0 14	15 52	1 49	22 37	13 25	12 34	12 57	19 28	12 33	6 53
S 21	3 6	16 14	5 7	8 19	2 26	17 58	1 15	22 4	1 11	10 47	0 57	21 28	1 30	19 0	0 14	15 52	1 50	22 37	13 26	12 35	12 58	19 28	12 34	6 52
S 22	3 29	18 6	4 50	7 44	2 27	18 22	1 19	22 11	1 11	10 42	0 57	21 28	1 30	19 0	0 14	15 52	1 50	22 36	13 26	12 37	12 59	19 28	12 35	6 51
M23	3 53	19 10	4 22	7 8	2 28	18 45	1 22	22 18	1 11	10 37	0 57	21 28	1 30	18 59	0 14	15 51	1 50	22 36	13 26	12 38	13 0	19 29	12 36	6 51
T 24	4 16	19 22	3 42	6 30	2 28	19 7	1 26	22 25	1 11	10 33	0 57	21 28	1 30	18 59	0 14	15 51	1 50	22 36	13 26	12 38	13 1	19 29	12 36	6 50
W25	4 39	18 43	2 53	5 52	2 28	19 29	1 29	22 32	1 11	10 28	0 57	21 28	1 30	18 59	0 14	15 51	1 50	22 35	13 26	12 38	13 2	19 29	12 37	6 49
T 26	5 2	17 13	1 56	5 12	2 27	19 51	1 32	22 39	1 12	10 23	0 57	21 28	1 30	18 58	0 14	15 50	1 50	22 35	13 27	12 37	13 3	19 29	12 38	6 48
F 27	5 25	14 56	0 53	4 31	2 25	20 12	1 35	22 46	1 12	10 19	0 57	21 28	1 31	18 58	0 14	15 50	1 50	22 35	13 27	12 37	13 4	19 30	12 39	6 48
S 28	5 48	11 56	0s14	3 49	2 23	20 32	1 39	22 52	1 12	10 14	0 58	21 27	1 31	18 57	0 14	15 49	1 50	22 35	13 27	12 37	13 5	19 30	12 39	6 47
S 29	6 10	8 18	1 21	3 6	2 21	20 52	1 42	22 58	1 12	10 9	0 58	21 27	1 31	18 57	0 14	15 49	1 50	22 34	13 27	12 37	13 6	19 30	12 40	6 46
M30	6 33	4 11	2 26	2 21	2 18	21 12	1 45	23 4	1 12	10 5	0 58	21 27	1 31	18 57	0 14	15 49	1 50	22 34	13 28	12 38	13 7	19 30	12 41	6 45
T 31	6n56	0n14	3s25	1s36	2s14	21n31	1n48	23n10	1n12	10s 0	0s58	21s27	1n31	18s56	0n14	15s48	1n50	22s34	13s28	12n40	13n 9	19s30	12n42	6s45

Julian Day Number = 2199594.5, Delta T = 10m08s
Ecliptic obliquity = 23°31'37, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°07'09, Lahiri = 14°14'09 Julian Calendar 1 March 1310 == Greg. Calendar 9 March 1310

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ASTRODIENST EPHEMERIS for the year 1310
geocentric

APRIL 1310 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	13 6 45	18♈33'31	22♈ 9	2♈57	29♉ 2	10♊16	6♓51	17°R42	25°R18	19°R 6	4♓ 1	26°R33	25♌14	8♑16	4♌20	W 1
T 2	13 10 42	19°32'05	6♉ 8	4°46	0♊11	10°54	7° 3	17♐41	25♏16	19♏ 5	4° 2	26♌24	25°10	8°22	4°20	T 2
F 3	13 14 39	20°30'37	20°20	6°37	1°20	11°31	7°16	17°40	25°14	19° 3	4° 3	26°16	25° 7	8°29	4°21	F 3
S 4	13 18 35	21°29'08	4♊40	8°29	2°28	12° 9	7°28	17°38	25°12	19° 2	4° 4	26° 8	25° 4	8°36	4°22	S 4
S 5	13 22 32	22°27'36	19° 1	10°24	3°37	12°46	7°40	17°37	25°11	19° 1	4° 5	26° 2	25° 1	8°42	4°22	S 5
M 6	13 26 28	23°26'02	3♋21	12°19	4°45	13°24	7°53	17°35	25° 9	18°59	4° 7	25°58	24°58	8°49	4°23	M 6
T 7	13 30 25	24°24'26	17°34	14°17	5°53	14° 1	8° 5	17°34	25° 7	18°58	4° 8	25°56	24°54	8°56	4°24	T 7
W 8	13 34 21	25°22'47	1♌41	16°16	7° 1	14°39	8°17	17°32	25° 5	18°56	4° 9	25°D56	24°51	9° 2	4°26	W 8
T 9	13 38 18	26°21'07	15°38	18°16	8° 9	15°17	8°29	17°30	25° 3	18°55	4°10	25°57	24°48	9° 9	4°27	T 9
F 10	13 42 14	27°19'24	29°27	20°18	9°16	15°54	8°41	17°28	25° 0	18°53	4°11	25°R57	24°45	9°16	4°28	F 10
S 11	13 46 11	28°17'39	13♍ 6	22°22	10°24	16°32	8°52	17°26	24°58	18°52	4°12	25°56	24°42	9°22	4°30	S 11
S 12	13 50 8	29°15'52	26°35	24°27	11°31	17° 9	9° 4	17°24	24°56	18°50	4°13	25°52	24°39	9°29	4°31	S 12
M13	13 54 4	0♎14'04	9♎54	26°33	12°38	17°47	9°16	17°22	24°54	18°49	4°14	25°46	24°35	9°36	4°33	M13
T 14	13 58 1	1°12'13	23° 2	28°40	13°45	18°24	9°27	17°19	24°52	18°47	4°15	25°37	24°32	9°43	4°35	T 14
W15	14 1 57	2°10'20	5♏56	0♎48	14°51	19° 2	9°38	17°17	24°50	18°46	4°16	25°26	24°29	9°49	4°36	W15
T 16	14 5 54	3° 8'26	18°37	2°57	15°58	19°39	9°50	17°14	24°47	18°44	4°17	25°14	24°26	9°56	4°38	T 16
F 17	14 9 50	4° 6'30	1♐ 5	5° 7	17° 4	20°17	10° 1	17°12	24°45	18°43	4°18	25° 3	24°23	10° 3	4°40	F 17
S 18	14 13 47	5° 4'33	13°19	7°17	18°10	20°54	10°12	17° 9	24°43	18°41	4°19	24°52	24°20	10° 9	4°43	S 18
S 19	14 17 43	6° 2'34	25°22	9°27	19°16	21°32	10°23	17° 7	24°41	18°40	4°20	24°43	24°16	10°16	4°45	S 19
M20	14 21 40	7° 0'34	7♑17	11°37	20°22	22° 9	10°34	17° 4	24°38	18°38	4°21	24°37	24°13	10°23	4°47	M20
T 21	14 25 37	7°58'32	19° 7	13°46	21°27	22°47	10°45	17° 1	24°36	18°36	4°22	24°33	24°10	10°29	4°50	T 21
W22	14 29 33	8°56'29	0♒57	15°55	22°33	23°24	10°56	16°58	24°34	18°35	4°22	24°32	24° 7	10°36	4°52	W22
T 23	14 33 30	9°54'25	12°53	18° 3	23°38	24° 2	11° 6	16°55	24°31	18°33	4°23	24°D31	24° 4	10°43	4°55	T 23
F 24	14 37 26	10°52'19	24°59	20° 9	24°43	24°39	11°17	16°52	24°29	18°32	4°24	24°R32	24° 0	10°49	4°58	F 24
S 25	14 41 23	11°50'12	7♓20	22°14	25°47	25°17	11°27	16°49	24°26	18°30	4°25	24°31	23°57	10°56	5° 1	S 25
S 26	14 45 19	12°48'03	20° 3	24°17	26°52	25°54	11°38	16°46	24°24	18°28	4°26	24°29	23°54	11° 3	5° 4	S 26
M27	14 49 16	13°45'54	3♈ 9	26°18	27°56	26°32	11°48	16°42	24°21	18°27	4°26	24°24	23°51	11° 9	5° 7	M27
T 28	14 53 12	14°43'43	16°42	28°17	29° 0	27° 9	11°58	16°39	24°19	18°25	4°27	24°17	23°48	11°16	5°10	T 28
W29	14 57 9	15°41'31	0♉40	0♊13	0♋ 3	27°47	12° 8	16°35	24°17	18°23	4°28	24° 7	23°45	11°23	5°13	W29
T 30	15 1 5	16♉39'17	15♉ 0	2♊ 7	1♋ 7	28♊24	12♓18	16♐32	24♏14	18♏22	4♓28	23♌56	23♌41	11♑29	5♌16	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	7n18	4n45	4s13	0s49	2s10	21n49	1n51	23n16	1n13	9s56	0s58	21s27	1n31	18s56	0n14	15s48	1n50	22s34	13s28	12n43	13n10	19s31	12n42	6s44
T 2	7 40	9 6	4 47	0 1	2 6	22 7	1 54	23 22	1 13	9 51	0 58	21 27	1 31	18 55	0 14	15 48	1 50	22 33	13 28	12 46	13 11	19 31	12 43	6 43
F 3	8 2	13 0	5 4	0n47	2 1	22 25	1 57	23 27	1 13	9 47	0 59	21 26	1 31	18 55	0 14	15 47	1 50	22 33	13 29	12 49	13 12	19 31	12 43	6 42
S 4	8 24	16 11	5 2	1 37	1 55	22 41	2 0	23 32	1 13	9 42	0 59	21 26	1 31	18 54	0 14	15 47	1 50	22 33	13 29	12 51	13 13	19 31	12 44	6 42
S 5	8 46	18 24	4 42	2 27	1 49	22 58	2 3	23 37	1 13	9 38	0 59	21 26	1 31	18 54	0 14	15 46	1 50	22 33	13 29	12 53	13 14	19 31	12 45	6 41
M 6	9 8	19 26	4 3	3 19	1 43	23 13	2 6	23 42	1 13	9 34	0 59	21 26	1 31	18 53	0 14	15 46	1 50	22 33	13 29	12 55	13 15	19 32	12 45	6 40
T 7	9 30	19 13	3 10	4 11	1 36	23 28	2 8	23 47	1 14	9 29	0 59	21 26	1 31	18 53	0 14	15 45	1 50	22 32	13 30	12 55	13 16	19 32	12 46	6 39
W 8	9 51	17 49	2 6	5 4	1 28	23 43	2 11	23 52	1 14	9 25	0 59	21 25	1 31	18 52	0 14	15 45	1 50	22 32	13 30	12 55	13 17	19 32	12 46	6 38
T 9	10 12	15 20	0 55	5 57	1 20	23 57	2 14	23 56	1 14	9 21	1 0	21 25	1 31	18 52	0 14	15 45	1 50	22 32	13 30	12 55	13 18	19 32	12 47	6 38
F 10	10 33	12 0	0n19	6 51	1 12	24 10	2 16	24 0	1 14	9 16	1 0	21 25	1 31	18 51	0 14	15 44	1 50	22 32	13 31	12 55	13 19	19 32	12 47	6 37
S 11	10 54	8 3	1 30	7 46	1 3	24 23	2 19	24 4	1 14	9 12	1 0	21 25	1 32	18 51	0 14	15 44	1 50	22 32	13 31	12 55	13 20	19 32	12 47	6 36
S 12	11 15	3 45	2 36	8 41	0 54	24 35	2 21	24 8	1 14	9 8	1 0	21 24	1 32	18 50	0 14	15 43	1 50	22 32	13 31	12 57	13 21	19 33	12 48	6 35
M13	11 36	0s42	3 32	9 36	0 44	24 46	2 24	24 12	1 14	9 4	1 0	21 24	1 32	18 50	0 14	15 43	1 50	22 32	13 31	12 59	13 22	19 33	12 48	6 35
T 14	11 56	5 2	4 15	10 30	0 34	24 57	2 26	24 15	1 14	8 59	1 1	21 24	1 32	18 49	0 14	15 43	1 50	22 32	13 32	13 2	13 23	19 33	12 48	6 34
W15	12 16	9 4	4 45	11 25	0 24	25 7	2 28	24 18	1 14	8 55	1 1	21 24	1 32	18 49	0 14	15 42	1 50	22 31	13 32	13 5	13 25	19 33	12 49	6 33
T 16	12 36	12 37	5 0	12 20	0 14	25 16	2 30	24 22	1 15	8 51	1 1	21 23	1 32	18 48	0 14	15 42	1 50	22 31	13 32	13 9	13 26	19 33	12 49	6 32
F 17	12 56	15 33	5 1	13 13	0 3	25 25	2 32	24 25	1 15	8 47	1 1	21 23	1 32	18 48	0 14	15 41	1 50	22 31	13 33	13 13	13 27	19 33	12 49	6 32
S 18	13 16	17 44	4 47	14 7	0n 7	25 34	2 34	24 27	1 15	8 43	1 1	21 23	1 32	18 47	0 14	15 41	1 50	22 31	13 33	13 17	13 28	19 33	12 50	6 31
S 19	13 35	19 6	4 21	14 59	0 18	25 41	2 36	24 30	1 15	8 39	1 2	21 22	1 32	18 47	0 14	15 40	1 50	22 31	13 33	13 20	13 29	19 34	12 50	6 30
M20	13 54	19 37	3 43	15 50	0 29	25 48	2 38	24 32	1 15	8 35	1 2	21 22	1 32	18 46	0 14	15 40	1 50	22 31	13 34	13 22	13 30	19 34	12 50	6 29
T 21	14 13	19 15	2 56	16 39	0 39	25 54	2 40	24 35	1 15	8 31	1 2	21 22	1 32	18 46	0 14	15 39	1 50	22 31	13 34	13 23	13 31	19 34	12 50	6 29
W22	14 32	18 2	2 2	17 27	0 49	26 0	2 41	24 37	1 15	8 27	1 2	21 22	1 32	18 45	0 14	15 39	1 50	22 31	13 34	13 24	13 32	19 34	12 50	6 28
T 23	14 50	16 2	1 1	18 13	0 59	26 5	2 43	24 39	1 15	8 23	1 2	21 21	1 32	18 44	0 14	15 39	1 50	22 31	13 35	13 24	13 33	19 34	12 50	6 27
F 24	15 9	13 17	0s 2	18 57	1 9	26 9	2 44	24 40	1 15	8 19	1 3	21 21	1 32	18 44	0 14	15 38	1 50	22 31	13 35	13 24	13 34	19 34	12 50	6 26
S 25	15 26	9 53	1 7	19 39	1 18	26 13	2 45	24 42	1 15	8 16	1 3	21 21	1 32	18 43	0 14	15 38	1 50	22 31	13 35	13 24	13 35	19 34	12 50	6 26
S 26	15 44	5 58	2 11	20 19	1 27	26 16	2 47	24 43	1 15	8 12	1 3	21 20	1 32	18 43	0 14	15 37	1 50	22 31	13 36	13 25	13 36	19 34	12 50	6 25
M27	16 2	1 38	3 9	20 56	1 35	26 18	2 48	24 44	1 15	8 8	1 3	21 20	1 32	18 42	0 14	15 37	1 50	22 31	13 36	13 26	13 37	19 34	12 50	6 24
T 28	16 19	2n54	3 59	21 31	1 43	26 20	2 49	24 45	1 15	8 4	1 3	21 20	1 32	18 42	0 14	15 36	1 50	22 31	13 36	13 29	13 38	19 35	12 50	6 24
W29	16 36	7 26	4 36	22 3	1 50	26 21	2 50	24 46	1 15	8 1	1 4	21 19	1 32	18 41	0 14	15 36	1 50	22 31	13 37	13 32	13 39	19 35	12 50	6 23
T 30	16n53	11n39	4s57	22n33	1n56	26n22	2n50	24n46	1n15	7s57	1s 4	21s19	1n32	18s40	0n14	15s35	1n50	22s31	13s37	13n35	13n40	19s35	12n50	6s22

Julian Day Number = 2199625.5, Delta T = 10m08s
Ecliptic obliquity = 23°31'37, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°07'13, Lahiri = 14°14'14 Julian Calendar 1 Apr. 1310 == Greg. Calendar 9 Apr. 1310

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ASTRODIENST EPHEMERIS for the year 1310
geocentric

MAY 1310 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	15 5 2	17♉37'02	29♉37	3♊58	2♋10	29♊ 2	12♓28	16°R28	24°R12	18°R20	4♓29	23°R45	23♌38	11♑36	5♌20	F 1
S 2	15 8 59	18°34'46	14♊22	5°46	3°13	29°39	12°38	16♐25	24♏ 9	18♏19	4°30	23♌34	23°35	11°43	5°23	S 2
S 3	15 12 55	19°32'28	29° 8	7°32	4°15	0♋17	12°47	16°21	24° 7	18°17	4°30	23°26	23°32	11°49	5°27	S 3
M 4	15 16 52	20°30'09	13♋48	9°14	5°18	0°54	12°56	16°18	24° 4	18°15	4°31	23°20	23°29	11°56	5°31	M 4
T 5	15 20 48	21°27'48	28°15	10°53	6°20	1°32	13° 6	16°14	24° 2	18°14	4°31	23°17	23°25	12° 3	5°35	T 5
W 6	15 24 45	22°25'25	12♌27	12°29	7°21	2° 9	13°15	16°10	23°59	18°12	4°32	23°16	23°22	12°10	5°38	W 6
T 7	15 28 41	23°23'01	26°22	14° 2	8°23	2°47	13°24	16° 6	23°57	18°10	4°32	23°16	23°19	12°16	5°42	T 7
F 8	15 32 38	24°20'36	10♍ 1	15°31	9°24	3°24	13°33	16° 2	23°54	18° 9	4°33	23°16	23°16	12°23	5°46	F 8
S 9	15 36 34	25°18'08	23°25	16°58	10°24	4° 2	13°42	15°58	23°52	18° 7	4°33	23°14	23°13	12°30	5°51	S 9
S 10	15 40 31	26°15'40	6♎36	18°21	11°25	4°39	13°50	15°54	23°49	18° 6	4°34	23° 9	23°10	12°36	5°55	S 10
M11	15 44 28	27°13'10	19°35	19°41	12°24	5°17	13°59	15°50	23°47	18° 4	4°34	23° 2	23° 6	12°43	5°59	M11
T 12	15 48 24	28°10'38	2♏22	20°57	13°24	5°54	14° 7	15°46	23°44	18° 2	4°35	22°52	23° 3	12°50	6° 4	T 12
W13	15 52 21	29° 8'06	14°58	22°10	14°23	6°32	14°16	15°42	23°42	18° 1	4°35	22°40	23° 0	12°56	6° 8	W13
T 14	15 56 17	0♐ 5'33	27°23	23°19	15°22	7° 9	14°24	15°38	23°39	17°59	4°35	22°27	22°57	13° 3	6°13	T 14
F 15	16 0 14	1° 2'58	9♐39	24°25	16°20	7°47	14°32	15°34	23°37	17°58	4°36	22°14	22°54	13°10	6°17	F 15
S 16	16 4 10	2° 0'23	21°44	25°28	17°18	8°24	14°40	15°30	23°34	17°56	4°36	22° 2	22°51	13°16	6°22	S 16
S 17	16 8 7	2°57'46	3♑42	26°26	18°16	9° 2	14°47	15°25	23°32	17°55	4°36	21°52	22°47	13°23	6°27	S 17
M18	16 12 3	3°55'09	15°34	27°21	19°13	9°39	14°55	15°21	23°30	17°53	4°36	21°45	22°44	13°30	6°32	M18
T 19	16 16 0	4°52'31	27°22	28°12	20° 9	10°17	15° 2	15°17	23°27	17°51	4°37	21°40	22°41	13°36	6°37	T 19
W20	16 19 57	5°49'53	9♒11	28°59	21° 5	10°54	15°10	15°12	23°25	17°50	4°37	21°38	22°38	13°43	6°42	W20
T 21	16 23 53	6°47'13	21° 6	29°43	22° 1	11°32	15°17	15° 8	23°22	17°48	4°37	21°D37	22°35	13°50	6°47	T 21
F 22	16 27 50	7°44'33	3♓10	0♋22	22°56	12° 9	15°24	15° 4	23°20	17°47	4°37	21°R37	22°31	13°56	6°52	F 22
S 23	16 31 46	8°41'53	15°30	0°57	23°50	12°47	15°31	14°59	23°18	17°45	4°37	21°37	22°28	14° 3	6°57	S 23
S 24	16 35 43	9°39'12	28°11	1°27	24°44	13°24	15°37	14°55	23°15	17°44	4°37	21°36	22°25	14°10	7° 3	S 24
M25	16 39 39	10°36'31	11♈17	1°54	25°38	14° 2	15°44	14°51	23°13	17°42	4°38	21°32	22°22	14°16	7° 8	M25
T 26	16 43 36	11°33'49	24°51	2°16	26°31	14°39	15°50	14°46	23°10	17°41	4°38	21°26	22°19	14°23	7°13	T 26
W27	16 47 32	12°31'07	8♉54	2°33	27°23	15°17	15°57	14°42	23° 8	17°40	4°38	21°18	22°16	14°30	7°19	W27
T 28	16 51 29	13°28'24	23°24	2°46	28°14	15°54	16° 3	14°37	23° 6	17°38	4°R38	21° 9	22°12	14°36	7°25	T 28
F 29	16 55 26	14°25'41	8♊14	2°54	29° 5	16°32	16° 9	14°33	23° 4	17°37	4°38	20°59	22° 9	14°43	7°30	F 29
S 30	16 59 22	15°22'58	23°18	2°R58	29°56	17° 9	16°14	14°29	23° 1	17°35	4°38	20°50	22° 6	14°50	7°36	S 30
S 31	17 3 19	16♊20'14	8♋24	2♋57	0♌45	17♋47	16♓20	14♐24	22♏59	17♏34	4♓38	20♌43	22♌ 3	14♑56	7♌42	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	17n 9	15n16	4s59	23n 1	2n 2	26n22	2n51	24n47	1n15	7s54	1s 4	21s18	1n32	18s40	0n14	15s35	1n50	22s31	13s37	13n39	13n41	19s35	12n50	6s21
S 2	17 25	17 57	4 41	23 25	2 6	26 21	2 52	24 47	1 16	7 50	1 4	21 18	1 32	18 39	0 14	15 35	1 50	22 31	13 38	13 43	13 42	19 35	12 50	6 21
S 3	17 41	19 27	4 5	23 47	2 10	26 19	2 52	24 47	1 16	7 47	1 5	21 18	1 32	18 39	0 14	15 34	1 50	22 31	13 38	13 45	13 44	19 35	12 50	6 20
M 4	17 56	19 37	3 12	24 7	2 14	26 17	2 52	24 47	1 16	7 43	1 5	21 17	1 32	18 38	0 14	15 34	1 50	22 32	13 38	13 47	13 45	19 35	12 50	6 19
T 5	18 12	18 30	2 8	24 24	2 16	26 15	2 52	24 47	1 16	7 40	1 5	21 17	1 32	18 37	0 14	15 33	1 50	22 32	13 39	13 48	13 46	19 35	12 49	6 19
W 6	18 27	16 13	0 57	24 39	2 18	26 11	2 52	24 46	1 16	7 37	1 5	21 17	1 32	18 37	0 14	15 33	1 50	22 32	13 39	13 49	13 47	19 35	12 49	6 18
T 7	18 41	13 2	0n16	24 52	2 19	26 8	2 52	24 45	1 16	7 33	1 6	21 16	1 32	18 36	0 14	15 32	1 50	22 32	13 39	13 49	13 48	19 35	12 49	6 17
F 8	18 56	9 11	1 27	25 2	2 19	26 3	2 52	24 45	1 16	7 30	1 6	21 16	1 32	18 35	0 14	15 32	1 50	22 32	13 40	13 49	13 49	19 35	12 49	6 17
S 9	19 10	4 57	2 32	25 10	2 18	25 58	2 52	24 44	1 16	7 27	1 6	21 15	1 32	18 35	0 14	15 31	1 50	22 32	13 40	13 50	13 50	19 35	12 48	6 16
S 10	19 23	0 33	3 28	25 17	2 16	25 52	2 51	24 42	1 16	7 24	1 6	21 15	1 32	18 34	0 14	15 31	1 50	22 32	13 40	13 51	13 51	19 35	12 48	6 15
M11	19 37	3s49	4 11	25 21	2 14	25 46	2 50	24 41	1 16	7 21	1 7	21 15	1 32	18 34	0 14	15 31	1 50	22 33	13 41	13 53	13 52	19 36	12 47	6 14
T 12	19 50	7 56	4 42	25 23	2 11	25 40	2 49	24 39	1 16	7 18	1 7	21 14	1 32	18 33	0 14	15 30	1 50	22 33	13 41	13 57	13 53	19 36	12 47	6 14
W13	20 2	11 38	4 58	25 24	2 6	25 32	2 48	24 37	1 16	7 15	1 7	21 14	1 32	18 32	0 14	15 30	1 50	22 33	13 41	14 0	13 54	19 36	12 47	6 13
T 14	20 15	14 47	4 59	25 23	2 2	25 24	2 47	24 35	1 16	7 12	1 7	21 13	1 32	18 32	0 14	15 29	1 50	22 33	13 42	14 5	13 55	19 36	12 46	6 13
F 15	20 27	17 15	4 47	25 20	1 56	25 16	2 46	24 33	1 16	7 9	1 8	21 13	1 32	18 31	0 14	15 29	1 50	22 33	13 42	14 9	13 56	19 36	12 46	6 12
S 16	20 38	18 55	4 22	25 16	1 49	25 7	2 45	24 31	1 16	7 6	1 8	21 13	1 32	18 31	0 14	15 28	1 50	22 34	13 43	14 13	13 57	19 36	12 45	6 11
S 17	20 50	19 44	3 45	25 10	1 42	24 58	2 43	24 28	1 16	7 3	1 8	21 12	1 32	18 30	0 14	15 28	1 50	22 34	13 43	14 16	13 58	19 36	12 45	6 11
M18	21 1	19 39	2 59	25 4	1 34	24 48	2 41	24 26	1 16	7 1	1 8	21 12	1 32	18 29	0 14	15 28	1 50	22 34	13 43	14 19	13 59	19 36	12 44	6 10
T 19	21 11	18 43	2 5	24 55	1 25	24 38	2 39	24 23	1 16	6 58	1 9	21 11	1 32	18 29	0 14	15 27	1 50	22 34	13 44	14 20	14 0	19 36	12 43	6 9
W20	21 21	16 58	1 6	24 46	1 15	24 27	2 37	24 20	1 15	6 56	1 9	21 11	1 32	18 28	0 14	15 27	1 50	22 35	13 44	14 21	14 1	19 36	12 43	6 9
T 21	21 31	14 29	0 3	24 36	1 4	24 16	2 35	24 17	1 15	6 53	1 9	21 10	1 32	18 28	0 14	15 26	1 50	22 35	13 44	14 21	14 2	19 36	12 42	6 8
F 22	21 41	11 20	1s 1	24 25	0 53	24 4	2 32	24 13	1 15	6 51	1 9	21 10	1 32	18 27	0 14	15 26	1 50	22 35	13 45	14 21	14 3	19 36	12 41	6 8
S 23	21 50	7 38	2 3	24 12	0 41	23 52	2 29	24 10	1 15	6 48	1 10	21 10	1 32	18 26	0 14	15 26	1 50	22 35	13 45	14 21	14 4	19 36	12 41	6 7
S 24	21 59	3 30	3 2	23 59	0 28	23 40	2 27	24 6	1 15	6 46	1 10	21 9	1 32	18 26	0 14	15 25	1 50	22 36	13 45	14 21	14 5	19 36	12 40	6 6
M25	22 7	0n55	3 52	23 46	0 15	23 27	2 23	24 2	1 15	6 43	1 10	21 9	1 32	18 25	0 14	15 25	1 50	22 36	13 46	14 23	14 6	19 36	12 39	6 6
T 26	22 15	5 27	4 31	23 31	0 1	23 13	2 20	23 58	1 15	6 41	1 11	21 8	1 32	18 25	0 14	15 24	1 50	22 36	13 46	14 24	14 7	19 36	12 38	6 5
W27	22 23	9 50	4 56	23 16	0s14	23 0	2 17	23 54	1 15	6 39	1 11	21 8	1 32	18 24	0 14	15 24	1 50	22 37	13 47	14 27	14 9	19 36	12 38	6 5
T 28	22 30	13 48	5 3	23 1	0 29	22 46	2 13	23 49	1 15	6 37	1 11	21 7	1 31	18 24	0 14	15 24	1 50	22 37	13 47	14 30	14 10	19 36	12 37	6 4
F 29	22 37	17 0	4 50	22 45	0 45	22 31	2 9	23 44	1 15	6 35	1 11	21 7	1 31	18 23	0 14	15 23	1 50	22 37	13 47	14 33	14 11	19 36	12 36	6 4
S 30	22 43	19 5	4 16	22 29	1 1	22 17	2 5	23 40	1 15	6 33	1 12	21 6	1 31	18 22	0 14	15 23	1 50	22 38	13 48	14 36	14 12	19 36	12 35	6 3
S 31	22n49	19n51	3s25	22n13	1s17	22n 2	2n 1	23n35	1n15	6s31	1s12	21s 6	1n31	18s22	0n14	15s23	1n50	22s38	13s48	14n39	14n13	19s36	12n34	6s 2

Julian Day Number = 2199655.5, Delta T = 10m08s
Ecliptic obliquity = 23°31'36, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°07'17, Lahiri = 14°14'18 Julian Calendar 1 May 1310 == Greg. Calendar 9 May 1310

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1310
geocentric

JUNE 1310 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	17 7 15	17♊17'29	23♋23	2°R52	1♌34	18♋24	16♓25	14°R20	22°R57	17°R33	4°R38	20°R38	22♌ 0	15♉ 3	7♌48	M 1
T 2	17 11 12	18°14'43	8♌ 8	2♋43	2°22	19° 2	16°31	14♐15	22♏55	17♏31	4♓37	20♌35	21°57	15°10	7°54	T 2
W 3	17 15 8	19°11'57	22°33	2°29	3° 9	19°40	16°36	14°11	22°53	17°30	4°37	20°D35	21°53	15°16	8° 0	W 3
T 4	17 19 5	20° 9'10	6♍36	2°11	3°56	20°17	16°40	14° 7	22°50	17°29	4°37	20°35	21°50	15°23	8° 6	T 4
F 5	17 23 2	21° 6'23	20°16	1°50	4°41	20°55	16°45	14° 2	22°48	17°27	4°37	20°R36	21°47	15°30	8°12	F 5
S 6	17 26 58	22° 3'34	3♎37	1°25	5°26	21°32	16°50	13°58	22°46	17°26	4°37	20°35	21°44	15°36	8°18	S 6
S 7	17 30 55	23° 0'45	16°38	0°57	6°10	22°10	16°54	13°53	22°44	17°25	4°37	20°32	21°41	15°43	8°24	S 7
M 8	17 34 51	23°57'56	29°24	0°26	6°53	22°47	16°58	13°49	22°42	17°23	4°36	20°28	21°37	15°50	8°31	M 8
T 9	17 38 48	24°55'06	11♏57	29♊53	7°35	23°25	17° 2	13°45	22°40	17°22	4°36	20°21	21°34	15°57	8°37	T 9
W10	17 42 44	25°52'16	24°18	29°18	8°16	24° 2	17° 6	13°41	22°38	17°21	4°36	20°12	21°31	16° 3	8°44	W10
T 11	17 46 41	26°49'25	6♐30	28°43	8°55	24°40	17°10	13°36	22°36	17°20	4°35	20° 2	21°28	16°10	8°50	T 11
F 12	17 50 37	27°46'35	18°34	28° 7	9°34	25°18	17°13	13°32	22°34	17°19	4°35	19°53	21°25	16°17	8°57	F 12
S 13	17 54 34	28°43'44	0♑31	27°31	10°11	25°55	17°17	13°28	22°33	17°18	4°35	19°44	21°22	16°23	9° 3	S 13
S 14	17 58 31	29°40'53	12°23	26°56	10°48	26°33	17°20	13°24	22°31	17°17	4°34	19°36	21°18	16°30	9°10	S 14
M15	18 2 27	0♋38'02	24°12	26°22	11°23	27°10	17°23	13°20	22°29	17°15	4°34	19°31	21°15	16°37	9°16	M15
T 16	18 6 24	1°35'11	6♒ 0	25°51	11°56	27°48	17°26	13°16	22°27	17°14	4°33	19°28	21°12	16°43	9°23	T 16
W17	18 10 20	2°32'20	17°51	25°21	12°29	28°26	17°28	13°12	22°26	17°13	4°33	19°D27	21° 9	16°50	9°30	W17
T 18	18 14 17	3°29'29	29°47	24°55	13° 0	29° 3	17°31	13° 8	22°24	17°12	4°33	19°28	21° 6	16°57	9°37	T 18
F 19	18 18 13	4°26'39	11♓53	24°33	13°29	29°41	17°33	13° 4	22°22	17°11	4°32	19°29	21° 3	17° 3	9°44	F 19
S 20	18 22 10	5°23'49	24°13	24°14	13°58	0♌18	17°35	13° 0	22°21	17°10	4°32	19°30	20°59	17°10	9°51	S 20
S 21	18 26 6	6°21'00	6♈52	24° 0	14°24	0°56	17°37	12°56	22°19	17° 9	4°31	19°R31	20°56	17°17	9°58	S 21
M22	18 30 3	7°18'10	19°55	23°50	14°49	1°34	17°38	12°52	22°18	17° 9	4°30	19°30	20°53	17°23	10° 5	M22
T 23	18 34 0	8°15'22	3♉24	23°D45	15°12	2°11	17°40	12°48	22°16	17° 8	4°30	19°27	20°50	17°30	10°12	T 23
W24	18 37 56	9°12'34	17°23	23°45	15°34	2°49	17°41	12°44	22°15	17° 7	4°29	19°23	20°47	17°37	10°19	W24
T 25	18 41 53	10° 9'46	1♊48	23°51	15°54	3°27	17°42	12°41	22°13	17° 6	4°29	19°18	20°43	17°43	10°26	T 25
F 26	18 45 49	11° 6'59	16°38	24° 1	16°12	4° 4	17°43	12°37	22°12	17° 5	4°28	19°13	20°40	17°50	10°33	F 26
S 27	18 49 46	12° 4'13	1♋44	24°17	16°28	4°42	17°44	12°34	22°11	17° 4	4°27	19° 7	20°37	17°57	10°40	S 27
S 28	18 53 42	13° 1'27	16°58	24°39	16°42	5°20	17°44	12°30	22° 9	17° 4	4°27	19° 3	20°34	18° 3	10°47	S 28
M29	18 57 39	13°58'42	2♌ 8	25° 6	16°54	5°57	17°44	12°27	22° 8	17° 3	4°26	19° 1	20°31	18°10	10°55	M29
T 30	19 1 35	14♋55'56	17♌ 7	25♊38	17♌ 4	6♌35	17°R44	12♐23	22♏ 7	17♏ 2	4♓25	19°D 0	20♌28	18♉17	11♌ 2	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	22n55	19n12	2s20	21n56	1s33	21n46	1n56	23n30	1n15	6s29	1s12	21s 6	1n31	18s21	0n14	15s22	1n50	22s38	13s48	14n40	14n14	19s36	12n33	6s 2
T 2	23 0	17 14	1 6	21 40	1 50	21 31	1 52	23 24	1 15	6 27	1 13	21 5	1 31	18 21	0 14	15 22	1 50	22 39	13 49	14 41	14 15	19 36	12 32	6 1
W 3	23 5	14 13	0n11	21 24	2 7	21 15	1 47	23 19	1 15	6 26	1 13	21 5	1 31	18 20	0 14	15 22	1 50	22 39	13 49	14 41	14 16	19 36	12 31	6 1
T 4	23 10	10 26	1 25	21 7	2 23	20 59	1 41	23 13	1 15	6 24	1 13	21 4	1 31	18 20	0 14	15 21	1 50	22 39	13 49	14 41	14 17	19 36	12 30	6 0
F 5	23 14	6 12	2 32	20 52	2 39	20 43	1 36	23 7	1 15	6 22	1 13	21 4	1 31	18 19	0 14	15 21	1 50	22 40	13 50	14 41	14 18	19 36	12 29	6 0
S 6	23 17	1 46	3 29	20 36	2 55	20 26	1 30	23 1	1 15	6 21	1 14	21 4	1 31	18 19	0 14	15 21	1 50	22 40	13 50	14 41	14 19	19 35	12 28	5 59
S 7	23 21	2s39	4 14	20 21	3 10	20 10	1 24	22 55	1 14	6 20	1 14	21 3	1 31	18 18	0 14	15 20	1 50	22 41	13 50	14 42	14 20	19 35	12 27	5 59
M 8	23 23	6 51	4 45	20 7	3 25	19 53	1 18	22 49	1 14	6 18	1 14	21 3	1 31	18 18	0 14	15 20	1 50	22 41	13 51	14 43	14 21	19 35	12 26	5 58
T 9	23 26	10 41	5 2	19 54	3 38	19 36	1 12	22 42	1 14	6 17	1 15	21 2	1 30	18 17	0 14	15 20	1 50	22 41	13 51	14 46	14 22	19 35	12 25	5 58
W10	23 28	13 59	5 5	19 41	3 51	19 19	1 5	22 36	1 14	6 16	1 15	21 2	1 30	18 17	0 14	15 19	1 49	22 42	13 51	14 48	14 23	19 35	12 23	5 57
T 11	23 29	16 39	4 53	19 29	4 2	19 2	0 58	22 29	1 14	6 14	1 15	21 1	1 30	18 16	0 14	15 19	1 49	22 42	13 52	14 51	14 24	19 35	12 22	5 57
F 12	23 30	18 34	4 29	19 19	4 12	18 45	0 51	22 22	1 14	6 13	1 16	21 1	1 30	18 16	0 14	15 19	1 49	22 43	13 52	14 54	14 25	19 35	12 21	5 56
S 13	23 31	19 39	3 52	19 9	4 21	18 27	0 44	22 15	1 14	6 12	1 16	21 1	1 30	18 15	0 14	15 19	1 49	22 43	13 53	14 57	14 26	19 35	12 20	5 56
S 14	23 32	19 51	3 6	19 1	4 28	18 10	0 36	22 8	1 14	6 11	1 16	21 0	1 30	18 15	0 13	15 18	1 49	22 44	13 53	14 59	14 27	19 35	12 19	5 56
M15	23 32	19 11	2 12	18 55	4 34	17 53	0 28	22 0	1 14	6 10	1 16	21 0	1 30	18 14	0 13	15 18	1 49	22 44	13 53	15 1	14 28	19 35	12 17	5 55
T 16	23 31	17 40	1 12	18 50	4 38	17 35	0 20	21 53	1 14	6 10	1 17	21 0	1 30	18 14	0 13	15 18	1 49	22 45	13 54	15 2	14 29	19 35	12 16	5 55
W17	23 30	15 24	0 9	18 46	4 41	17 18	0 11	21 45	1 14	6 9	1 17	20 59	1 29	18 14	0 13	15 18	1 49	22 45	13 54	15 2	14 30	19 35	12 15	5 54
T 18	23 29	12 28	0s56	18 44	4 42	17 1	0 2	21 37	1 13	6 8	1 17	20 59	1 29	18 13	0 13	15 17	1 49	22 46	13 54	15 2	14 31	19 35	12 13	5 54
F 19	23 27	8 57	1 59	18 44	4 41	16 44	0s 7	21 29	1 13	6 8	1 18	20 58	1 29	18 13	0 13	15 17	1 49	22 46	13 55	15 2	14 32	19 35	12 12	5 53
S 20	23 25	5 1	2 57	18 45	4 40	16 26	0 16	21 21	1 13	6 7	1 18	20 58	1 29	18 12	0 13	15 17	1 49	22 47	13 55	15 1	14 33	19 34	12 10	5 53
S 21	23 22	0 46	3 49	18 47	4 36	16 10	0 26	21 13	1 13	6 7	1 18	20 58	1 29	18 12	0 13	15 17	1 49	22 47	13 55	15 1	14 34	19 34	12 9	5 53
M22	23 19	3n38	4 30	18 52	4 32	15 53	0 36	21 4	1 13	6 6	1 19	20 57	1 29	18 12	0 13	15 16	1 49	22 48	13 55	15 2	14 35	19 34	12 7	5 52
T 23	23 16	8 1	4 59	18 57	4 26	15 36	0 46	20 56	1 13	6 6	1 19	20 57	1 29	18 11	0 13	15 16	1 49	22 48	13 56	15 2	14 36	19 34	12 6	5 52
W24	23 12	12 7	5 10	19 4	4 19	15 20	0 57	20 47	1 13	6 6	1 19	20 57	1 29	18 11	0 13	15 16	1 49	22 49	13 56	15 4	14 37	19 34	12 5	5 52
T 25	23 8	15 39	5 3	19 13	4 11	15 3	1 8	20 38	1 13	6 6	1 20	20 56	1 28	18 11	0 13	15 16	1 49	22 49	13 56	15 5	14 38	19 34	12 3	5 51
F 26	23 4	18 16	4 36	19 22	4 1	14 47	1 19	20 29	1 12	6 6	1 20	20 56	1 28	18 10	0 13	15 16	1 49	22 50	13 57	15 7	14 39	19 34	12 1	5 51
S 27	22 59	19 42	3 49	19 33	3 51	14 32	1 30	20 20	1 12	6 6	1 20	20 56	1 28	18 10	0 13	15 15	1 49	22 50	13 57	15 9	14 40	19 34	12 0	5 51
S 28	22 53	19 42	2 46	19 45	3 40	14 16	1 42	20 10	1 12	6 6	1 20	20 55	1 28	18 10	0 13	15 15	1 49	22 51	13 57	15 10	14 41	19 33	11 58	5 50
M29	22 47	18 17	1 31	19 58	3 29	14 1	1 54	20 1	1 12	6 6	1 21	20 55	1 28	18 9	0 13	15 15	1 49	22 51	13 58	15 11	14 42	19 33	11 57	5 50
T 30	22n41	15n36	0s10	20n11	3s17	13n46	2s 6	19n51	1n12	6s 6	1s21	20s55	1n28	18s 9	0n13	15s15	1n48	22s52	13s58	15n11	14n43	19s33	11n55	5s50

Julian Day Number = 2199686.5, Delta T = 10m08s
Ecliptic obliquity = 23°31'36, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°07'21, Lahiri = 14°14'22 Julian Calendar 1 June 1310 == Greg. Calendar 9 June 1310

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ASTRODIENST EPHEMERIS for the year 1310
geocentric

JULY 1310 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	19 5 32	15♋53'11	1♍46	26♊16	17♌12	7♌13	17°R44	12°R20	22°R 6	17°R 2	4°R25	19♌ 0	20♌24	18♉23	11♌ 9	W 1
T 2	19 9 29	16°50'26	16° 0	27° 0	17°18	7°51	17♓44	12♐17	22♏ 5	17♏ 1	4♓24	19° 2	20°21	18°30	11°17	T 2
F 3	19 13 25	17°47'42	29°50	27°48	17°22	8°28	17°44	12°13	22° 4	17° 0	4°23	19° 3	20°18	18°37	11°24	F 3
S 4	19 17 22	18°44'57	13♎14	28°42	17°R23	9° 6	17°43	12°10	22° 3	17° 0	4°22	19°R 4	20°15	18°43	11°32	S 4
S 5	19 21 18	19°42'13	26°15	29°41	17°22	9°44	17°42	12° 7	22° 2	16°59	4°21	19° 4	20°12	18°50	11°39	S 5
M 6	19 25 15	20°39'30	8♏57	0♋46	17°19	10°22	17°41	12° 4	22° 1	16°59	4°21	19° 3	20° 9	18°57	11°47	M 6
T 7	19 29 11	21°36'47	21°22	1°55	17°13	10°59	17°40	12° 1	22° 0	16°58	4°20	19° 0	20° 5	19° 3	11°54	T 7
W 8	19 33 8	22°34'04	3♐35	3°10	17° 5	11°37	17°38	11°59	21°59	16°58	4°19	18°56	20° 2	19°10	12° 2	W 8
T 9	19 37 4	23°31'22	15°37	4°29	16°54	12°15	17°36	11°56	21°58	16°57	4°18	18°52	19°59	19°17	12° 9	T 9
F 10	19 41 1	24°28'40	27°33	5°53	16°41	12°53	17°34	11°53	21°58	16°57	4°17	18°48	19°56	19°23	12°17	F 10
S 11	19 44 58	25°25'59	9♑25	7°21	16°26	13°31	17°32	11°51	21°57	16°57	4°16	18°45	19°53	19°30	12°25	S 11
S 12	19 48 54	26°23'19	21°14	8°54	16° 8	14° 8	17°30	11°48	21°56	16°56	4°15	18°42	19°49	19°37	12°32	S 12
M13	19 52 51	27°20'40	3♒ 3	10°31	15°48	14°46	17°28	11°46	21°56	16°56	4°14	18°40	19°46	19°43	12°40	M13
T 14	19 56 47	28°18'01	14°55	12°12	15°26	15°24	17°25	11°43	21°55	16°56	4°13	18°D39	19°43	19°50	12°48	T 14
W15	20 0 44	29°15'24	26°50	13°57	15° 2	16° 2	17°22	11°41	21°55	16°56	4°12	18°39	19°40	19°57	12°56	W15
T 16	20 4 40	0♌12'47	8♓53	15°45	14°35	16°40	17°19	11°39	21°54	16°55	4°11	18°40	19°37	20° 3	13° 3	T 16
F 17	20 8 37	1°10'12	21° 6	17°37	14° 7	17°18	17°16	11°37	21°54	16°55	4°10	18°41	19°34	20°10	13°11	F 17
S 18	20 12 33	2° 7'37	3♈31	19°30	13°37	17°56	17°13	11°35	21°54	16°55	4° 9	18°43	19°30	20°17	13°19	S 18
S 19	20 16 30	3° 5'05	16°13	21°27	13° 6	18°34	17° 9	11°33	21°53	16°55	4° 8	18°44	19°27	20°23	13°27	S 19
M20	20 20 27	4° 2'33	29°15	23°25	12°33	19°11	17° 5	11°31	21°53	16°55	4° 7	18°R44	19°24	20°30	13°35	M20
T 21	20 24 23	5° 0'03	12♉40	25°25	11°58	19°49	17° 1	11°29	21°53	16°55	4° 6	18°44	19°21	20°37	13°42	T 21
W22	20 28 20	5°57'34	26°30	27°27	11°23	20°27	16°57	11°27	21°53	16°D55	4° 5	18°44	19°18	20°43	13°50	W22
T 23	20 32 16	6°55'07	10♊44	29°29	10°47	21° 5	16°53	11°26	21°53	16°55	4° 4	18°43	19°14	20°50	13°58	T 23
F 24	20 36 13	7°52'41	25°20	1♌32	10°10	21°43	16°49	11°24	21°D53	16°55	4° 3	18°41	19°11	20°57	14° 6	F 24
S 25	20 40 9	8°50'16	10♋15	3°35	9°33	22°21	16°44	11°23	21°53	16°55	4° 2	18°40	19° 8	21° 3	14°14	S 25
S 26	20 44 6	9°47'53	25°20	5°38	8°56	22°59	16°39	11°22	21°53	16°55	4° 1	18°39	19° 5	21°10	14°22	S 26
M27	20 48 2	10°45'32	10♌28	7°41	8°19	23°38	16°34	11°20	21°53	16°55	4° 0	18°39	19° 2	21°17	14°30	M27
T 28	20 51 59	11°43'11	25°28	9°44	7°42	24°16	16°29	11°19	21°53	16°55	3°59	18°D39	18°59	21°23	14°38	T 28
W29	20 55 56	12°40'52	10♍13	11°46	7° 6	24°54	16°24	11°18	21°53	16°56	3°57	18°39	18°55	21°30	14°45	W29
T 30	20 59 52	13°38'34	24°36	13°47	6°31	25°32	16°18	11°17	21°54	16°56	3°56	18°39	18°52	21°37	14°53	T 30
F 31	21 3 49	14♌36'17	8♎35	15♌47	5♌56	26♌10	16♓13	11♐17	21♏54	16♏56	3♓55	18♌40	18♌49	21♉43	15♌ 1	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	22n35	11n58	1n 9	20n25	3s 4	13n32	2s18	19n41	1n12	6s 7	1s21	20s55	1n27	18s 9	0n13	15s15	1n48	22s52	13s58	15n11	14n44	19s33	11n53	5s49
T 2	22 28	7 44	2 22	20 39	2 50	13 18	2 31	19 32	1 12	6 7	1 22	20 54	1 27	18 9	0 13	15 15	1 48	22 53	13 59	15 10	14 45	19 33	11 52	5 49
F 3	22 20	3 12	3 25	20 54	2 37	13 5	2 44	19 22	1 11	6 8	1 22	20 54	1 27	18 8	0 13	15 15	1 48	22 53	13 59	15 10	14 46	19 33	11 50	5 49
S 4	22 13	1s20	4 15	21 8	2 23	12 52	2 57	19 11	1 11	6 8	1 22	20 54	1 27	18 8	0 13	15 15	1 48	22 54	13 59	15 10	14 47	19 33	11 48	5 48
S 5	22 4	5 41	4 49	21 23	2 9	12 39	3 11	19 1	1 11	6 9	1 23	20 54	1 27	18 8	0 13	15 14	1 48	22 55	13 59	15 10	14 48	19 32	11 47	5 48
M 6	21 56	9 39	5 9	21 37	1 54	12 28	3 24	18 51	1 11	6 9	1 23	20 53	1 27	18 8	0 13	15 14	1 48	22 55	14 0	15 10	14 49	19 32	11 45	5 48
T 7	21 47	13 8	5 13	21 51	1 40	12 16	3 38	18 40	1 11	6 10	1 23	20 53	1 26	18 7	0 13	15 14	1 48	22 56	14 0	15 11	14 50	19 32	11 43	5 47
W 8	21 38	15 59	5 4	22 4	1 26	12 6	3 52	18 30	1 11	6 11	1 24	20 53	1 26	18 7	0 13	15 14	1 48	22 56	14 0	15 12	14 51	19 32	11 41	5 47
T 9	21 28	18 6	4 40	22 16	1 11	11 55	4 5	18 19	1 10	6 12	1 24	20 53	1 26	18 7	0 13	15 14	1 48	22 57	14 0	15 13	14 52	19 32	11 39	5 47
F 10	21 18	19 25	4 5	22 27	0 57	11 46	4 19	18 8	1 10	6 13	1 24	20 53	1 26	18 7	0 13	15 14	1 48	22 57	14 1	15 15	14 53	19 32	11 37	5 47
S 11	21 8	19 52	3 20	22 36	0 43	11 37	4 33	17 57	1 10	6 14	1 24	20 52	1 26	18 7	0 13	15 14	1 48	22 58	14 1	15 16	14 54	19 31	11 36	5 46
S 12	20 57	19 27	2 25	22 44	0 30	11 29	4 47	17 46	1 10	6 15	1 25	20 52	1 26	18 7	0 13	15 14	1 48	22 59	14 1	15 17	14 55	19 31	11 34	5 46
M13	20 46	18 10	1 25	22 50	0 16	11 22	5 1	17 34	1 10	6 17	1 25	20 52	1 25	18 6	0 13	15 14	1 48	22 59	14 1	15 17	14 56	19 31	11 32	5 46
T 14	20 35	16 6	0 21	22 54	0 3	11 16	5 14	17 23	1 10	6 18	1 25	20 52	1 25	18 6	0 13	15 14	1 48	23 0	14 2	15 17	14 57	19 31	11 30	5 46
W15	20 23	13 19	0s45	22 57	0n 9	11 10	5 28	17 12	1 9	6 19	1 26	20 52	1 25	18 6	0 13	15 14	1 48	23 0	14 2	15 17	14 58	19 31	11 28	5 46
T 16	20 11	9 58	1 50	22 56	0 21	11 5	5 41	17 0	1 9	6 21	1 26	20 52	1 25	18 6	0 13	15 14	1 48	23 1	14 2	15 17	14 59	19 30	11 26	5 45
F 17	19 58	6 9	2 50	22 53	0 32	11 0	5 53	16 48	1 9	6 22	1 26	20 52	1 25	18 6	0 13	15 14	1 48	23 1	14 2	15 17	15 0	19 30	11 24	5 45
S 18	19 45	2 1	3 44	22 48	0 42	10 57	6 6	16 36	1 9	6 24	1 27	20 52	1 25	18 6	0 13	15 14	1 47	23 2	14 3	15 16	15 1	19 30	11 22	5 45
S 19	19 32	2n17	4 27	22 40	0 52	10 54	6 18	16 24	1 9	6 25	1 27	20 51	1 24	18 6	0 13	15 14	1 47	23 3	14 3	15 16	15 2	19 30	11 20	5 45
M20	19 19	6 35	4 59	22 29	1 1	10 52	6 29	16 12	1 8	6 27	1 27	20 51	1 24	18 6	0 13	15 14	1 47	23 3	14 3	15 16	15 3	19 30	11 18	5 45
T 21	19 5	10 41	5 15	22 16	1 9	10 51	6 40	16 0	1 8	6 29	1 27	20 51	1 24	18 6	0 13	15 14	1 47	23 4	14 3	15 16	15 4	19 29	11 16	5 44
W22	18 51	14 21	5 14	22 0	1 17	10 51	6 50	15 48	1 8	6 31	1 28	20 51	1 24	18 6	0 13	15 14	1 47	23 4	14 3	15 16	15 5	19 29	11 14	5 44
T 23	18 37	17 17	4 54	21 41	1 23	10 51	7 0	15 36	1 8	6 33	1 28	20 51	1 24	18 6	0 13	15 14	1 47	23 5	14 4	15 16	15 6	19 29	11 12	5 44
F 24	18 22	19 12	4 15	21 20	1 29	10 52	7 9	15 23	1 8	6 35	1 28	20 51	1 23	18 6	0 13	15 14	1 47	23 6	14 4	15 17	15 7	19 29	11 10	5 44
S 25	18 7	19 51	3 17	20 56	1 34	10 54	7 17	15 10	1 8	6 37	1 28	20 51	1 23	18 6	0 13	15 14	1 47	23 6	14 4	15 17	15 8	19 28	11 8	5 44
S 26	17 52	19 5	2 6	20 31	1 38	10 56	7 25	14 58	1 7	6 39	1 29	20 51	1 23	18 6	0 13	15 14	1 47	23 7	14 4	15 17	15 9	19 28	11 6	5 44
M27	17 36	16 57	0 45	20 2	1 41	10 59	7 31	14 45	1 7	6 41	1 29	20 51	1 23	18 6	0 13	15 15	1 47	23 7	14 4	15 18	15 10	19 28	11 4	5 44
T 28	17 20	13 40	0n38	19 32	1 43	11 3	7 37	14 32	1 7	6 43	1 29	20 51	1 23	18 6	0 13	15 15	1 47	23 8	14 4	15 18	15 11	19 28	11 1	5 44
W29	17 4	9 34	1 57	19 0	1 45	11 7	7 42	14 19	1 7	6 46	1 29	20 51	1 22	18 6	0 13	15 15	1 47	23 8	14 5	15 17	15 12	19 27	10 59	5 43
T 30	16 47	5 0	3 7	18 26	1 46	11 11	7 46	14 6	1 6	6 48	1 30	20 51	1 22	18 6	0 13	15 15	1 47	23 9	14 5	15 17	15 13	19 27	10 57	5 43
F 31	16n31	0n19	4n 3	17n51	1n46	11n16	7s49	13n53	1n 6	6s50	1s30	20s52	1n22	18s 6	0n13	15s15	1n47	23s10	14s 5	15n17	15n14	19s27	10n55	5s43

Julian Day Number = 2199716.5, Delta T = 10m08s
Ecliptic obliquity = 23°31'36, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°07'26, Lahiri = 14°14'26 Julian Calendar 1 July 1310 == Greg. Calendar 9 July 1310

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ASTRODIENST EPHEMERIS for the year 1310
geocentric

AUGUST 1310 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	21 7 45	15♌34'01	22♎ 6	17♌46	5°R23	26♌48	16°R 7	11°R16	21♏54	16♏56	3°R54	18♌40	18♌46	21♉50	15♌ 9	S 1
S 2	21 11 42	16°31'46	5♏12	19°44	4♌51	27°26	16♓ 1	11♐15	21°55	16°57	3♓53	18°40	18°43	21°56	15°17	S 2
M 3	21 15 38	17°29'32	17°56	21°41	4°21	28° 4	15°55	11°15	21°55	16°57	3°52	18°R40	18°40	22° 3	15°25	M 3
T 4	21 19 35	18°27'20	0♐20	23°36	3°52	28°43	15°49	11°14	21°56	16°58	3°50	18°D40	18°36	22°10	15°33	T 4
W 5	21 23 31	19°25'09	12°29	25°31	3°26	29°21	15°43	11°14	21°56	16°58	3°49	18°40	18°33	22°16	15°41	W 5
T 6	21 27 28	20°22'59	24°28	27°24	3° 1	29°59	15°36	11°14	21°57	16°58	3°48	18°41	18°30	22°23	15°49	T 6
F 7	21 31 25	21°20'51	6♑20	29°15	2°39	0♍37	15°30	11°13	21°58	16°59	3°47	18°41	18°27	22°30	15°57	F 7
S 8	21 35 21	22°18'43	18° 9	1♍ 6	2°18	1°15	15°23	11°D13	21°59	16°59	3°46	18°41	18°24	22°36	16° 5	S 8
S 9	21 39 18	23°16'38	29°58	2°55	2° 0	1°54	15°16	11°13	21°59	17° 0	3°44	18°42	18°20	22°43	16°13	S 9
M10	21 43 14	24°14'33	11♒50	4°43	1°45	2°32	15° 9	11°13	22° 0	17° 1	3°43	18°42	18°17	22°50	16°21	M10
T 11	21 47 11	25°12'30	23°49	6°29	1°31	3°10	15° 2	11°14	22° 1	17° 1	3°42	18°R42	18°14	22°56	16°28	T 11
W12	21 51 7	26°10'29	5♓54	8°14	1°20	3°49	14°55	11°14	22° 2	17° 2	3°41	18°42	18°11	23° 3	16°36	W12
T 13	21 55 4	27° 8'30	18°10	9°58	1°12	4°27	14°48	11°14	22° 3	17° 3	3°39	18°41	18° 8	23°10	16°44	T 13
F 14	21 59 0	28° 6'32	0♈36	11°41	1° 6	5° 5	14°41	11°15	22° 4	17° 3	3°38	18°40	18° 5	23°16	16°52	F 14
S 15	22 2 57	29° 4'36	13°15	13°22	1° 2	5°44	14°34	11°15	22° 5	17° 4	3°37	18°38	18° 1	23°23	17° 0	S 15
S 16	22 6 54	0♍ 2'42	26° 8	15° 2	1°D 1	6°22	14°26	11°16	22° 6	17° 5	3°36	18°37	17°58	23°30	17° 8	S 16
M17	22 10 50	1° 0'50	9♉17	16°41	1° 2	7° 0	14°19	11°17	22° 8	17° 6	3°34	18°36	17°55	23°36	17°16	M17
T 18	22 14 47	1°59'00	22°43	18°18	1° 6	7°39	14°11	11°18	22° 9	17° 7	3°33	18°35	17°52	23°43	17°23	T 18
W19	22 18 43	2°57'12	6♊27	19°55	1°11	8°17	14° 3	11°19	22°10	17° 7	3°32	18°D35	17°49	23°50	17°31	W19
T 20	22 22 40	3°55'26	20°29	21°30	1°19	8°56	13°56	11°20	22°12	17° 8	3°31	18°35	17°46	23°56	17°39	T 20
F 21	22 26 36	4°53'43	4♋49	23° 4	1°29	9°34	13°48	11°21	22°13	17° 9	3°29	18°36	17°42	24° 3	17°47	F 21
S 22	22 30 33	5°52'01	19°23	24°37	1°42	10°13	13°40	11°22	22°14	17°10	3°28	18°38	17°39	24°10	17°55	S 22
S 23	22 34 29	6°50'22	4♌ 8	26° 9	1°56	10°51	13°32	11°24	22°16	17°11	3°27	18°39	17°36	24°16	18° 2	S 23
M24	22 38 26	7°48'44	18°58	27°40	2°12	11°30	13°24	11°25	22°17	17°12	3°26	18°R39	17°33	24°23	18°10	M24
T 25	22 42 23	8°47'09	3♍45	29° 9	2°30	12° 9	13°16	11°27	22°19	17°13	3°24	18°38	17°30	24°30	18°18	T 25
W26	22 46 19	9°45'35	18°23	0♎37	2°50	12°47	13° 8	11°28	22°21	17°14	3°23	18°37	17°26	24°36	18°25	W26
T 27	22 50 16	10°44'04	2♎44	2° 4	3°12	13°26	13° 0	11°30	22°22	17°16	3°22	18°34	17°23	24°43	18°33	T 27
F 28	22 54 12	11°42'33	16°45	3°30	3°36	14° 5	12°52	11°32	22°24	17°17	3°21	18°31	17°20	24°50	18°41	F 28
S 29	22 58 9	12°41'05	0♏20	4°55	4° 1	14°43	12°44	11°34	22°26	17°18	3°19	18°28	17°17	24°56	18°48	S 29
S 30	23 2 5	13°39'39	13°31	6°18	4°28	15°22	12°36	11°36	22°28	17°19	3°18	18°24	17°14	25° 3	18°56	S 30
M31	23 6 2	14♍38'14	26♏18	7♎41	4♌57	16♍ 1	12♓28	11♐38	22♏30	17♏20	3♓17	18♌22	17♌11	25♉10	19♌ 3	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	16n14	4s14	4n44	17n15	1n46	11n22	7s52	13n40	1n 6	6s53	1s30	20s52	1n22	18s 6	0n13	15s15	1n47	23s10	14s 5	15n17	15n15	19s27	10n53	5s43
S 2	15 56	8 27	5 9	16 37	1 45	11 28	7 53	13 26	1 6	6 55	1 30	20 52	1 22	18 7	0 13	15 15	1 47	23 11	14 5	15 17	15 16	19 26	10 50	5 43
M 3	15 39	12 9	5 18	15 57	1 43	11 34	7 54	13 13	1 6	6 58	1 31	20 52	1 21	18 7	0 13	15 16	1 46	23 11	14 5	15 17	15 17	19 26	10 48	5 43
T 4	15 21	15 13	5 11	15 17	1 41	11 40	7 54	12 59	1 5	7 0	1 31	20 52	1 21	18 7	0 12	15 16	1 46	23 12	14 5	15 17	15 18	19 26	10 46	5 43
W 5	15 3	17 34	4 51	14 36	1 38	11 47	7 53	12 46	1 5	7 3	1 31	20 52	1 21	18 7	0 12	15 16	1 46	23 12	14 6	15 17	15 19	19 26	10 44	5 43
T 6	14 45	19 7	4 18	13 55	1 35	11 54	7 52	12 32	1 5	7 6	1 31	20 52	1 21	18 7	0 12	15 16	1 46	23 13	14 6	15 17	15 20	19 25	10 41	5 43
F 7	14 26	19 48	3 34	13 12	1 32	12 1	7 49	12 18	1 5	7 9	1 31	20 52	1 21	18 7	0 12	15 16	1 46	23 14	14 6	15 17	15 21	19 25	10 39	5 43
S 8	14 8	19 37	2 42	12 29	1 28	12 8	7 46	12 4	1 4	7 11	1 32	20 53	1 20	18 8	0 12	15 17	1 46	23 14	14 6	15 17	15 22	19 25	10 37	5 43
S 9	13 49	18 34	1 42	11 46	1 23	12 16	7 43	11 50	1 4	7 14	1 32	20 53	1 20	18 8	0 12	15 17	1 46	23 15	14 6	15 17	15 23	19 24	10 35	5 43
M10	13 29	16 42	0 38	11 2	1 18	12 23	7 39	11 36	1 4	7 17	1 32	20 53	1 20	18 8	0 12	15 17	1 46	23 15	14 6	15 17	15 24	19 24	10 32	5 43
T 11	13 10	14 5	0s28	10 18	1 13	12 30	7 34	11 22	1 4	7 20	1 32	20 53	1 20	18 8	0 12	15 17	1 46	23 16	14 6	15 17	15 25	19 24	10 30	5 43
W12	12 50	10 50	1 34	9 33	1 8	12 37	7 29	11 8	1 3	7 23	1 32	20 54	1 20	18 9	0 12	15 17	1 46	23 16	14 6	15 17	15 26	19 23	10 28	5 43
T 13	12 31	7 6	2 36	8 49	1 2	12 45	7 24	10 54	1 3	7 26	1 33	20 54	1 19	18 9	0 12	15 18	1 46	23 17	14 6	15 17	15 27	19 23	10 25	5 43
F 14	12 10	3 0	3 32	8 4	0 56	12 52	7 18	10 39	1 3	7 29	1 33	20 54	1 19	18 9	0 12	15 18	1 46	23 17	14 6	15 17	15 28	19 23	10 23	5 43
S 15	11 50	1n17	4 19	7 20	0 50	12 59	7 11	10 25	1 3	7 32	1 33	20 54	1 19	18 10	0 12	15 18	1 46	23 18	14 6	15 18	15 29	19 22	10 21	5 43
S 16	11 30	5 35	4 53	6 35	0 43	13 6	7 4	10 10	1 2	7 35	1 33	20 55	1 19	18 10	0 12	15 19	1 46	23 18	14 7	15 18	15 30	19 22	10 18	5 43
M17	11 9	9 42	5 13	5 50	0 36	13 12	6 57	9 56	1 2	7 38	1 33	20 55	1 19	18 10	0 12	15 19	1 46	23 19	14 7	15 18	15 31	19 22	10 16	5 43
T 18	10 48	13 25	5 16	5 6	0 29	13 19	6 50	9 41	1 2	7 41	1 33	20 55	1 18	18 11	0 12	15 19	1 46	23 20	14 7	15 19	15 32	19 21	10 14	5 43
W19	10 27	16 31	5 2	4 21	0 22	13 25	6 43	9 27	1 2	7 44	1 33	20 56	1 18	18 11	0 12	15 19	1 45	23 20	14 7	15 19	15 33	19 21	10 11	5 43
T 20	10 6	18 43	4 29	3 37	0 15	13 31	6 35	9 12	1 1	7 47	1 34	20 56	1 18	18 11	0 12	15 20	1 45	23 21	14 7	15 19	15 34	19 21	10 9	5 43
F 21	9 45	19 47	3 39	2 53	0 8	13 37	6 27	8 57	1 1	7 50	1 34	20 56	1 18	18 12	0 12	15 20	1 45	23 21	14 7	15 18	15 35	19 20	10 6	5 43
S 22	9 24	19 34	2 35	2 9	0 0	13 42	6 19	8 42	1 1	7 53	1 34	20 57	1 18	18 12	0 12	15 20	1 45	23 22	14 7	15 18	15 36	19 20	10 4	5 43
S 23	9 2	18 0	1 19	1 25	0s 7	13 47	6 10	8 27	1 1	7 56	1 34	20 57	1 17	18 12	0 12	15 21	1 45	23 22	14 7	15 18	15 37	19 20	10 2	5 44
M24	8 40	15 13	0n 2	0 42	0 15	13 52	6 2	8 12	1 0	8 0	1 34	20 57	1 17	18 13	0 12	15 21	1 45	23 22	14 7	15 17	15 38	19 19	9 59	5 44
T 25	8 18	11 27	1 22	0s 1	0 23	13 56	5 53	7 57	1 0	8 3	1 34	20 58	1 17	18 13	0 12	15 21	1 45	23 23	14 7	15 18	15 39	19 19	9 57	5 44
W26	7 56	7 1	2 37	0 43	0 31	14 0	5 45	7 42	1 0	8 6	1 34	20 58	1 17	18 14	0 12	15 22	1 45	23 23	14 7	15 18	15 40	19 19	9 54	5 44
T 27	7 34	2 16	3 40	1 25	0 39	14 4	5 36	7 27	0 59	8 9	1 34	20 59	1 17	18 14	0 12	15 22	1 45	23 24	14 7	15 19	15 41	19 18	9 52	5 44
F 28	7 12	2s29	4 28	2 7	0 47	14 7	5 27	7 12	0 59	8 12	1 34	20 59	1 16	18 15	0 12	15 23	1 45	23 24	14 7	15 20	15 42	19 18	9 49	5 44
S 29	6 49	6 58	4 59	2 48	0 55	14 10	5 18	6 57	0 59	8 15	1 34	21 0	1 16	18 15	0 12	15 23	1 45	23 25	14 7	15 21	15 43	19 18	9 47	5 44
S 30	6 27	10 58	5 13	3 28	1 3	14 12	5 9	6 41	0 59	8 18	1 34	21 0	1 16	18 16	0 12	15 23	1 45	23 25	14 7	15 22	15 44	19 17	9 45	5 44
M31	6n 4	14s21	5n12	4s 8	1s11	14n14	5s 1	6n26	0n58	8s21	1s34	21s 1	1n16	18s16	0n12	15s24	1n45	23s26	14s 7	15n23	15n45	19s17	9n42	5s45

Julian Day Number = 2199747.5, Delta T = 10m08s
Ecliptic obliquity = 23°31'37, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°07'30, Lahiri = 14°14'30 Julian Calendar 1 Aug. 1310 == Greg. Calendar 9 Aug. 1310

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ASTRODIENST EPHEMERIS for the year 1310
geocentric

SEPTEMBER 1310 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	23 9 58	15♍36'51	8♐44	9♎ 1	5♌27	16♍40	12°R20	11♐40	22♏32	17♏22	3°R16	18°R21	17♌ 7	25♉16	19♌11	T 1
W 2	23 13 55	16°35'30	20°54	10°21	5°58	17°18	12♓12	11°43	22°34	17°23	3♓15	18°D21	17° 4	25°23	19°18	W 2
T 3	23 17 51	17°34'10	2♉51	11°39	6°31	17°57	12° 4	11°45	22°36	17°24	3°13	18♌22	17° 1	25°30	19°26	T 3
F 4	23 21 48	18°32'52	14°42	12°56	7° 6	18°36	11°57	11°48	22°38	17°26	3°12	18°23	16°58	25°36	19°33	F 4
S 5	23 25 45	19°31'36	26°30	14°11	7°41	19°15	11°49	11°50	22°40	17°27	3°11	18°25	16°55	25°43	19°40	S 5
S 6	23 29 41	20°30'22	8♒21	15°25	8°18	19°54	11°41	11°53	22°42	17°28	3°10	18°26	16°52	25°50	19°48	S 6
M 7	23 33 38	21°29'09	20°18	16°37	8°56	20°33	11°33	11°56	22°44	17°30	3° 9	18°R27	16°48	25°56	19°55	M 7
T 8	23 37 34	22°27'59	2♓25	17°47	9°36	21°12	11°25	11°59	22°46	17°31	3° 7	18°26	16°45	26° 3	20° 2	T 8
W 9	23 41 31	23°26'50	14°43	18°55	10°16	21°50	11°18	12° 1	22°49	17°33	3° 6	18°23	16°42	26° 9	20° 9	W 9
T 10	23 45 27	24°25'43	27°15	20° 1	10°58	22°29	11°10	12° 4	22°51	17°34	3° 5	18°19	16°39	26°16	20°16	T 10
F 11	23 49 24	25°24'39	10♈ 1	21° 5	11°41	23° 8	11° 3	12° 8	22°53	17°36	3° 4	18°13	16°36	26°23	20°24	F 11
S 12	23 53 20	26°23'36	23° 1	22° 7	12°24	23°47	10°55	12°11	22°56	17°37	3° 3	18° 7	16°32	26°29	20°31	S 12
S 13	23 57 17	27°22'36	6♉14	23° 6	13° 9	24°26	10°48	12°14	22°58	17°39	3° 2	18° 0	16°29	26°36	20°38	S 13
M14	0 1 14	28°21'38	19°40	24° 3	13°55	25° 6	10°41	12°17	23° 1	17°40	3° 1	17°54	16°26	26°43	20°45	M14
T 15	0 5 10	29°20'42	3♊17	24°57	14°41	25°45	10°33	12°21	23° 3	17°42	2°59	17°50	16°23	26°49	20°52	T 15
W16	0 9 7	0♎19'49	17° 5	25°47	15°29	26°24	10°26	12°24	23° 6	17°44	2°58	17°47	16°20	26°56	20°59	W16
T 17	0 13 3	1°18'58	1♋ 3	26°34	16°17	27° 3	10°19	12°28	23° 8	17°45	2°57	17°D46	16°17	27° 3	21° 5	T 17
F 18	0 17 0	2°18'09	15°10	27°18	17° 6	27°42	10°13	12°32	23°11	17°47	2°56	17°47	16°13	27° 9	21°12	F 18
S 19	0 20 56	3°17'23	29°25	27°57	17°56	28°21	10° 6	12°36	23°14	17°49	2°55	17°48	16°10	27°16	21°19	S 19
S 20	0 24 53	4°16'39	13♌46	28°32	18°47	29° 1	9°59	12°39	23°16	17°51	2°54	17°R49	16° 7	27°23	21°26	S 20
M21	0 28 49	5°15'58	28°10	29° 1	19°38	29°40	9°53	12°43	23°19	17°52	2°53	17°49	16° 4	27°29	21°32	M21
T 22	0 32 46	6°15'19	12♍34	29°26	20°31	0♎19	9°46	12°47	23°22	17°54	2°52	17°46	16° 1	27°36	21°39	T 22
W23	0 36 43	7°14'41	26°51	29°44	21°24	0°59	9°40	12°52	23°25	17°56	2°51	17°42	15°57	27°43	21°45	W23
T 24	0 40 39	8°14'06	10♎58	29°57	22°17	1°38	9°34	12°56	23°27	17°58	2°50	17°35	15°54	27°49	21°52	T 24
F 25	0 44 36	9°13'33	24°48	0°R 2	23°11	2°17	9°28	13° 0	23°30	18° 0	2°49	17°26	15°51	27°56	21°58	F 25
S 26	0 48 32	10°13'03	8♏19	0♏ 0	24° 6	2°57	9°22	13° 4	23°33	18° 1	2°48	17°17	15°48	28° 3	22° 5	S 26
S 27	0 52 29	11°12'34	21°28	29♎51	25° 1	3°36	9°16	13° 9	23°36	18° 3	2°47	17° 8	15°45	28° 9	22°11	S 27
M28	0 56 25	12°12'07	4♐15	29°33	25°57	4°16	9°11	13°13	23°39	18° 5	2°46	17° 0	15°42	28°16	22°17	M28
T 29	1 0 22	13°11'41	16°42	29° 7	26°54	4°55	9° 6	13°18	23°42	18° 7	2°45	16°55	15°38	28°23	22°23	T 29
W30	1 4 18	14♎11'18	28♐52	28♎32	27♌51	5♎35	9♓ 0	13♐22	23♏45	18♏ 9	2♓45	16♌51	15♌35	28♉29	22♌29	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	5n42	16s59	4n55	4s48	1s19	14n16	4s52	6n10	0n58	8s25	1s34	21s 1	1n16	18s17	0n12	15s24	1n45	23s26	14s 7	15n23	15n46	19s16	9n40	5s45
W 2	5 19	18 48	4 25	5 26	1 27	14 17	4 43	5 55	0 58	8 28	1 34	21 2	1 16	18 17	0 12	15 25	1 45	23 26	14 7	15 23	15 47	19 16	9 37	5 45
T 3	4 56	19 45	3 45	6 5	1 35	14 17	4 34	5 40	0 57	8 31	1 34	21 2	1 15	18 18	0 12	15 25	1 45	23 27	14 7	15 23	15 48	19 16	9 35	5 45
F 4	4 33	19 49	2 55	6 42	1 43	14 17	4 25	5 24	0 57	8 34	1 34	21 3	1 15	18 18	0 12	15 25	1 45	23 27	14 6	15 22	15 49	19 15	9 32	5 45
S 5	4 10	19 0	1 57	7 18	1 50	14 17	4 16	5 8	0 57	8 37	1 34	21 3	1 15	18 19	0 12	15 26	1 45	23 28	14 6	15 22	15 49	19 15	9 30	5 46
S 6	3 47	17 21	0 55	7 54	1 58	14 16	4 8	4 53	0 56	8 40	1 34	21 4	1 15	18 19	0 12	15 26	1 44	23 28	14 6	15 21	15 50	19 14	9 27	5 46
M 7	3 23	14 56	0s10	8 29	2 5	14 15	3 59	4 37	0 56	8 43	1 34	21 4	1 15	18 20	0 12	15 27	1 44	23 28	14 6	15 21	15 51	19 14	9 25	5 46
T 8	3 0	11 50	1 16	9 3	2 13	14 13	3 50	4 22	0 56	8 46	1 34	21 5	1 14	18 21	0 12	15 27	1 44	23 29	14 6	15 22	15 52	19 14	9 23	5 46
W 9	2 37	8 10	2 19	9 36	2 20	14 11	3 42	4 6	0 56	8 49	1 34	21 5	1 14	18 21	0 12	15 28	1 44	23 29	14 6	15 22	15 53	19 13	9 20	5 46
T 10	2 13	4 5	3 16	10 7	2 27	14 8	3 33	3 50	0 55	8 51	1 34	21 6	1 14	18 22	0 12	15 28	1 44	23 30	14 6	15 24	15 54	19 13	9 18	5 47
F 11	1 50	0n14	4 4	10 38	2 34	14 4	3 24	3 34	0 55	8 54	1 34	21 7	1 14	18 22	0 12	15 29	1 44	23 30	14 6	15 25	15 55	19 12	9 15	5 47
S 12	1 26	4 38	4 41	11 8	2 41	14 0	3 16	3 19	0 55	8 57	1 34	21 7	1 14	18 23	0 12	15 29	1 44	23 30	14 6	15 27	15 56	19 12	9 13	5 47
S 13	1 3	8 52	5 4	11 36	2 47	13 56	3 8	3 3	0 54	9 0	1 34	21 8	1 13	18 24	0 12	15 29	1 44	23 31	14 6	15 29	15 57	19 11	9 10	5 47
M14	0 39	12 44	5 10	12 2	2 53	13 51	2 59	2 47	0 54	9 3	1 34	21 8	1 13	18 24	0 12	15 30	1 44	23 31	14 6	15 31	15 58	19 11	9 8	5 48
T 15	0 16	16 0	4 59	12 28	2 59	13 46	2 51	2 31	0 54	9 5	1 34	21 9	1 13	18 25	0 12	15 30	1 44	23 31	14 5	15 33	15 59	19 10	9 6	5 48
W16	0s 8	18 24	4 31	12 51	3 4	13 40	2 43	2 15	0 53	9 8	1 34	21 10	1 13	18 26	0 12	15 31	1 44	23 31	14 5	15 33	16 0	19 10	9 3	5 48
T 17	0 32	19 45	3 46	13 13	3 9	13 33	2 35	1 59	0 53	9 10	1 34	21 10	1 13	18 26	0 12	15 31	1 44	23 32	14 5	15 34	16 1	19 10	9 1	5 49
F 18	0 55	19 53	2 47	13 33	3 13	13 26	2 27	1 43	0 53	9 13	1 34	21 11	1 13	18 27	0 12	15 32	1 44	23 32	14 5	15 34	16 2	19 9	8 58	5 49
S 19	1 19	18 45	1 38	13 51	3 17	13 18	2 19	1 27	0 52	9 15	1 34	21 12	1 12	18 28	0 12	15 33	1 44	23 32	14 5	15 33	16 3	19 9	8 56	5 49
S 20	1 42	16 24	0 22	14 6	3 20	13 10	2 11	1 11	0 52	9 18	1 34	21 12	1 12	18 28	0 12	15 33	1 44	23 33	14 5	15 33	16 4	19 8	8 54	5 49
M21	2 6	13 1	0n56	14 19	3 23	13 2	2 3	0 55	0 52	9 20	1 34	21 13	1 12	18 29	0 12	15 34	1 44	23 33	14 5	15 33	16 5	19 8	8 51	5 50
T 22	2 30	8 52	2 9	14 29	3 24	12 52	1 56	0 39	0 51	9 23	1 33	21 14	1 12	18 30	0 12	15 34	1 44	23 33	14 5	15 34	16 6	19 7	8 49	5 50
W23	2 53	4 14	3 15	14 37	3 25	12 43	1 48	0 23	0 51	9 25	1 33	21 14	1 12	18 30	0 12	15 35	1 44	23 33	14 4	15 35	16 7	19 7	8 46	5 50
T 24	3 17	0s34	4 7	14 41	3 25	12 33	1 41	0 7	0 50	9 27	1 33	21 15	1 12	18 31	0 12	15 35	1 44	23 33	14 4	15 37	16 8	19 6	8 44	5 51
F 25	3 40	5 15	4 43	14 42	3 23	12 22	1 34	0s 9	0 50	9 29	1 33	21 16	1 11	18 32	0 12	15 36	1 44	23 34	14 4	15 40	16 9	19 6	8 42	5 51
S 26	4 4	9 33	5 3	14 39	3 21	12 11	1 26	0 25	0 50	9 31	1 33	21 16	1 11	18 33	0 11	15 36	1 44	23 34	14 4	15 43	16 10	19 5	8 39	5 51
S 27	4 27	13 17	5 5	14 32	3 17	11 59	1 19	0 41	0 49	9 33	1 33	21 17	1 11	18 33	0 11	15 37	1 44	23 34	14 4	15 45	16 10	19 5	8 37	5 52
M28	4 50	16 17	4 53	14 20	3 11	11 47	1 12	0 57	0 49	9 35	1 33	21 18	1 11	18 34	0 11	15 37	1 44	23 34	14 3	15 48	16 11	19 4	8 35	5 52
T 29	5 14	18 27	4 26	14 4	3 4	11 34	1 5	1 13	0 49	9 37	1 32	21 19	1 11	18 35	0 11	15 38	1 43	23 34	14 3	15 49	16 12	19 4	8 32	5 53
W30	5s37	19s43	3n48	13s44	2s56	11n21	0s59	1s29	0n48	9s39	1s32	21s19	1n11	18s36	0n11	15s39	1n43	23s35	14s 3	15n51	16n13	19s 3	8n30	5s53

Julian Day Number = 2199778.5, Delta T = 10m08s
Ecliptic obliquity = 23°31'37, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°07'34, Lahiri = 14°14'35 Julian Calendar 1 Sept. 1310 == Greg. Calendar 9 Sept. 1310

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ASTRODIENST EPHEMERIS for the year 1310
geocentric

OCTOBER 1310 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	1 8 15	15♎10'56	10♉50	27°R49	28♌49	6♎14	8°R55	13♐27	23♏48	18♏11	2°R44	16°D50	15♌32	28♉36	22♌35	T 1
F 2	1 12 11	16°10'37	22°40	26♎57	29°47	6°54	8♓50	13°32	23°51	18°13	2♓43	16♌50	15°29	28°42	22°41	F 2
S 3	1 16 8	17°10'19	4♒28	25°58	0♍45	7°33	8°46	13°37	23°54	18°15	2°42	16°51	15°26	28°49	22°47	S 3
S 4	1 20 5	18°10'02	16°20	24°52	1°44	8°13	8°41	13°42	23°58	18°17	2°41	16°R51	15°23	28°56	22°53	S 4
M 5	1 24 1	19° 9'48	28°20	23°41	2°44	8°53	8°37	13°46	24° 1	18°19	2°40	16°50	15°19	29° 2	22°59	M 5
T 6	1 27 58	20° 9'35	10♓33	22°26	3°44	9°32	8°33	13°52	24° 4	18°21	2°40	16°48	15°16	29° 9	23° 5	T 6
W 7	1 31 54	21° 9'24	23° 2	21°10	4°44	10°12	8°29	13°57	24° 7	18°23	2°39	16°42	15°13	29°16	23°10	W 7
T 8	1 35 51	22° 9'15	5♈50	19°55	5°45	10°52	8°25	14° 2	24°10	18°25	2°38	16°35	15°10	29°22	23°16	T 8
F 9	1 39 47	23° 9'08	18°56	18°43	6°46	11°32	8°21	14° 7	24°14	18°27	2°37	16°24	15° 7	29°29	23°21	F 9
S 10	1 43 44	24° 9'02	2♉20	17°37	7°48	12°11	8°18	14°12	24°17	18°29	2°37	16°13	15° 3	29°36	23°27	S 10
S 11	1 47 40	25° 8'59	15°59	16°38	8°50	12°51	8°15	14°18	24°20	18°31	2°36	16° 1	15° 0	29°42	23°32	S 11
M12	1 51 37	26° 8'58	29°50	15°47	9°52	13°31	8°12	14°23	24°24	18°33	2°35	15°51	14°57	29°49	23°37	M12
T 13	1 55 34	27° 8'59	13♊50	15° 8	10°55	14°11	8° 9	14°28	24°27	18°36	2°35	15°42	14°54	29°56	23°42	T 13
W14	1 59 30	28° 9'02	27°54	14°39	11°58	14°51	8° 6	14°34	24°30	18°38	2°34	15°36	14°51	0♒ 2	23°47	W14
T 15	2 3 27	29° 9'07	12♋ 0	14°22	13° 2	15°31	8° 4	14°40	24°34	18°40	2°33	15°33	14°48	0° 9	23°52	T 15
F 16	2 7 23	0♏ 9'15	26° 6	14°D17	14° 6	16°11	8° 2	14°45	24°37	18°42	2°33	15°D32	14°44	0°16	23°57	F 16
S 17	2 11 20	1° 9'24	10♌12	14°22	15°10	16°51	8° 0	14°51	24°41	18°44	2°32	15°R32	14°41	0°22	24° 2	S 17
S 18	2 15 16	2° 9'36	24°15	14°39	16°14	17°31	7°58	14°57	24°44	18°46	2°32	15°32	14°38	0°29	24° 7	S 18
M19	2 19 13	3° 9'50	8♍16	15° 5	17°19	18°11	7°56	15° 2	24°48	18°49	2°31	15°30	14°35	0°36	24°12	M19
T 20	2 23 9	4°10'06	22°13	15°41	18°24	18°51	7°55	15° 8	24°51	18°51	2°31	15°26	14°32	0°42	24°16	T 20
W21	2 27 6	5°10'23	6♎ 4	16°25	19°30	19°31	7°53	15°14	24°55	18°53	2°30	15°19	14°28	0°49	24°21	W21
T 22	2 31 3	6°10'43	19°46	17°16	20°35	20°12	7°52	15°20	24°58	18°55	2°30	15° 9	14°25	0°55	24°25	T 22
F 23	2 34 59	7°11'05	3♏16	18°14	21°41	20°52	7°52	15°26	25° 2	18°57	2°29	14°57	14°22	1° 2	24°29	F 23
S 24	2 38 56	8°11'28	16°32	19°18	22°47	21°32	7°51	15°32	25° 5	19° 0	2°29	14°43	14°19	1° 9	24°34	S 24
S 25	2 42 52	9°11'53	29°30	20°26	23°54	22°12	7°51	15°38	25° 9	19° 2	2°29	14°30	14°16	1°15	24°38	S 25
M26	2 46 49	10°12'20	12♐10	21°39	25° 0	22°53	7°D50	15°45	25°13	19° 4	2°28	14°18	14°13	1°22	24°42	M26
T 27	2 50 45	11°12'48	24°34	22°55	26° 7	23°33	7°50	15°51	25°16	19° 6	2°28	14° 8	14° 9	1°29	24°46	T 27
W28	2 54 42	12°13'18	6♑42	24°15	27°14	24°14	7°51	15°57	25°20	19° 9	2°28	14° 2	14° 6	1°35	24°49	W28
T 29	2 58 38	13°13'49	18°38	25°37	28°22	24°54	7°51	16° 3	25°23	19°11	2°27	13°58	14° 3	1°42	24°53	T 29
F 30	3 2 35	14°14'21	0♒28	27° 1	29°29	25°34	7°52	16°10	25°27	19°13	2°27	13°56	14° 0	1°49	24°57	F 30
S 31	3 6 32	15♏14'55	12♒15	28♎27	0♎37	26♎15	7♓53	16♐16	25♏31	19♏15	2♓27	13♌56	13♌57	1♒55	25♌ 0	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	6s 0	20s 5	3n 1	13s18	2s45	11n 7	0s52	1s45	0n48	9s41	1s32	21s20	1n10	18s36	0n11	15s39	1n43	23s35	14s 3	15n51	16n14	19s 3	8n28	5s53	T 1
F 2	6 23	19 33	2 6	12 48	2 33	10 53	0 45	2 1	0 47	9 42	1 32	21 21	1 10	18 37	0 11	15 40	1 43	23 35	14 3	15 51	16 15	19 2	8 25	5 54	F 2
S 3	6 46	18 9	1 6	12 13	2 19	10 38	0 39	2 17	0 47	9 44	1 32	21 21	1 10	18 38	0 11	15 40	1 43	23 35	14 2	15 51	16 16	19 2	8 23	5 54	S 3
S 4	7 9	15 57	0 3	11 34	2 3	10 23	0 32	2 33	0 47	9 45	1 32	21 22	1 10	18 39	0 11	15 41	1 43	23 35	14 2	15 51	16 17	19 1	8 21	5 55	S 4
M 5	7 32	13 3	1s 1	10 51	1 45	10 8	0 26	2 49	0 46	9 47	1 31	21 23	1 10	18 40	0 11	15 41	1 43	23 35	14 2	15 51	16 18	19 1	8 19	5 55	M 5
T 6	7 54	9 32	2 3	10 6	1 26	9 52	0 20	3 5	0 46	9 48	1 31	21 24	1 10	18 40	0 11	15 42	1 43	23 35	14 2	15 52	16 19	19 0	8 17	5 55	T 6
W 7	8 17	5 32	3 0	9 19	1 6	9 35	0 14	3 21	0 46	9 50	1 31	21 24	1 9	18 41	0 11	15 43	1 43	23 35	14 2	15 53	16 20	19 0	8 14	5 56	W 7
T 8	8 39	1 12	3 50	8 32	0 46	9 19	0 8	3 37	0 45	9 51	1 31	21 25	1 9	18 42	0 11	15 43	1 43	23 35	14 1	15 56	16 21	18 59	8 12	5 56	T 8
F 9	9 2	3n18	4 29	7 45	0 25	9 1	0 2	3 53	0 45	9 52	1 31	21 26	1 9	18 43	0 11	15 44	1 43	23 35	14 1	15 59	16 22	18 58	8 10	5 57	F 9
S 10	9 24	7 44	4 54	7 1	0 5	8 44	0n 3	4 9	0 44	9 53	1 31	21 27	1 9	18 44	0 11	15 44	1 43	23 36	14 1	16 2	16 23	18 58	8 8	5 57	S 10
S 11	9 46	11 51	5 2	6 20	0n15	8 25	0 9	4 25	0 44	9 54	1 30	21 28	1 9	18 45	0 11	15 45	1 43	23 36	14 1	16 5	16 24	18 57	8 6	5 58	S 11
M12	10 8	15 25	4 53	5 43	0 34	8 7	0 14	4 41	0 44	9 55	1 30	21 28	1 9	18 45	0 11	15 46	1 43	23 36	14 0	16 9	16 25	18 57	8 4	5 58	M12
T 13	10 30	18 7	4 27	5 11	0 51	7 48	0 20	4 57	0 43	9 56	1 30	21 29	1 9	18 46	0 11	15 46	1 43	23 36	14 0	16 11	16 26	18 56	8 1	5 58	T 13
W14	10 51	19 46	3 44	4 46	1 7	7 29	0 25	5 13	0 43	9 57	1 30	21 30	1 8	18 47	0 11	15 47	1 43	23 36	14 0	16 13	16 26	18 56	7 59	5 59	W14
T 15	11 13	20 12	2 48	4 26	1 22	7 9	0 30	5 29	0 42	9 57	1 29	21 31	1 8	18 48	0 11	15 47	1 43	23 36	14 0	16 14	16 27	18 55	7 57	5 59	T 15
F 16	11 34	19 21	1 41	4 12	1 34	6 49	0 35	5 45	0 42	9 58	1 29	21 31	1 8	18 49	0 11	15 48	1 43	23 36	13 59	16 14	16 28	18 55	7 55	6 0	F 16
S 17	11 55	17 18	0 28	4 4	1 45	6 29	0 40	6 0	0 41	9 59	1 29	21 32	1 8	18 50	0 11	15 49	1 43	23 36	13 59	16 14	16 29	18 54	7 53	6 0	S 17
S 18	12 16	14 13	0n46	4 3	1 54	6 8	0 44	6 16	0 41	9 59	1 29	21 33	1 8	18 50	0 11	15 49	1 43	23 36	13 59	16 14	16 30	18 53	7 51	6 1	S 18
M19	12 37	10 19	1 57	4 6	2 1	5 47	0 49	6 32	0 41	10 0	1 29	21 34	1 8	18 51	0 11	15 50	1 43	23 35	13 59	16 15	16 31	18 53	7 49	6 1	M19
T 20	12 57	5 52	3 1	4 15	2 7	5 25	0 53	6 48	0 40	10 0	1 28	21 35	1 8	18 52	0 11	15 50	1 43	23 35	13 58	16 16	16 32	18 52	7 47	6 2	T 20
W21	13 18	1 9	3 54	4 28	2 11	5 4	0 58	7 3	0 40	10 0	1 28	21 35	1 7	18 53	0 11	15 51	1 43	23 35	13 58	16 18	16 33	18 52	7 45	6 2	W21
T 22	13 38	3s34	4 32	4 45	2 14	4 42	1 2	7 19	0 39	10 0	1 28	21 36	1 7	18 54	0 11	15 52	1 43	23 35	13 58	16 21	16 34	18 51	7 43	6 3	T 22
F 23	13 58	8 2	4 54	5 5	2 16	4 19	1 6	7 34	0 39	10 0	1 28	21 37	1 7	18 55	0 11	15 52	1 43	23 35	13 58	16 25	16 35	18 50	7 41	6 3	F 23
S 24	14 17	12 3	5 0	5 29	2 16	3 57	1 10	7 50	0 38	10 0	1 27	21 38	1 7	18 56	0 11	15 53	1 43	23 35	13 57	16 29	16 36	18 50	7 40	6 4	S 24
S 25	14 37	15 23	4 50	5 55	2 16	3 34	1 14	8 5	0 38	10 0	1 27	21 38	1 7	18 57	0 11	15 54	1 43	23 35	13 57	16 33	16 37	18 49	7 38	6 4	S 25
M26	14 56	17 56	4 26	6 24	2 14	3 11	1 18	8 21	0 37	10 0	1 27	21 39	1 7	18 57	0 11	15 54	1 43	23 35	13 57	16 36	16 38	18 49	7 36	6 5	M26
T 27	15 15	19 35	3 50	6 54	2 12	2 47	1 21	8 36	0 37	10 0	1 27	21 40	1 7	18 58	0 11	15 55	1 43	23 35	13 56	16 39	16 39	18 48	7 34	6 6	T 27
W28	15 34	20 18	3 3	7 26	2 9	2 24	1 25	8 52	0 37	10 0	1 26	21 41	1 7	18 59	0 11	15 55	1 43	23 35	13 56	16 41	16 39	18 47	7 32	6 6	W28
T 29	15 52	20 5	2 10	7 59	2 5	2 0	1 28	9 7	0 36	9 59	1 26	21 41	1 6	19 0	0 11	15 56	1 43	23 34	13 56	16 42	16 40	18 47	7 31	6 7	T 29
F 30	16 10	18 58	1 11	8 34	2 1	1 36	1 31	9 22	0 36	9 59	1 26	21 42	1 6	19 1	0 11	15 57	1 43	23 34	13 56	16 42	16 41	18 46	7 29	6 7	F 30
S 31	16s28	17s 3	0n 9	9s 9	1n57	1n12	1n34	9s37	0n35	9s58	1s26	21s43	1n 6	19s 2	0n11	15s57	1n43	23s34	13s55	16n42	16n42	18s45	7n27	6s 8	S 31

Julian Day Number = 2199808.5, Delta T = 10m08s
Ecliptic obliquity = 23°31'37, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°07'38, Lahiri = 14°14'39 Julian Calendar 1 Oct. 1310 == Greg. Calendar 9 Oct. 1310

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ASTRODIENST EPHEMERIS for the year 1310
geocentric

NOVEMBER 1310 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	3 10 28	16♏15'30	24♒ 6	29♎55	1♎45	26♎55	7♓54	16♐22	25♏34	19♏18	2°R27	13°R56	13♌54	2♒ 2	25♌ 4	S 1
M 2	3 14 25	17°16'06	6♓ 6	1♏24	2°53	27°36	7°55	16°29	25°38	19°20	2♓27	13♌55	13°50	2° 9	25° 7	M 2
T 3	3 18 21	18°16'44	18°20	2°54	4° 2	28°16	7°56	16°35	25°42	19°22	2°26	13°52	13°47	2°15	25°10	T 3
W 4	3 22 18	19°17'22	0♈54	4°25	5°10	28°57	7°58	16°42	25°45	19°24	2°26	13°46	13°44	2°22	25°14	W 4
T 5	3 26 14	20°18'02	13°50	5°57	6°19	29°38	8° 0	16°48	25°49	19°27	2°26	13°38	13°41	2°29	25°17	T 5
F 6	3 30 11	21°18'43	27° 9	7°29	7°28	0♏18	8° 2	16°55	25°53	19°29	2°26	13°27	13°38	2°35	25°20	F 6
S 7	3 34 7	22°19'25	10♉52	9° 1	8°37	0°59	8° 4	17° 1	25°56	19°31	2°26	13°15	13°34	2°42	25°22	S 7
S 8	3 38 4	23°20'09	24°55	10°34	9°46	1°40	8° 7	17° 8	26° 0	19°33	2°26	13° 2	13°31	2°48	25°25	S 8
M 9	3 42 1	24°20'54	9♊14	12° 7	10°56	2°21	8° 9	17°15	26° 4	19°36	2°D26	12°51	13°28	2°55	25°28	M 9
T 10	3 45 57	25°21'41	23°41	13°41	12° 5	3° 1	8°12	17°21	26° 8	19°38	2°26	12°41	13°25	3° 2	25°30	T 10
W11	3 49 54	26°22'29	8♋11	15°14	13°15	3°42	8°15	17°28	26°11	19°40	2°26	12°35	13°22	3° 8	25°33	W11
T 12	3 53 50	27°23'18	22°38	16°48	14°25	4°23	8°18	17°35	26°15	19°42	2°26	12°31	13°19	3°15	25°35	T 12
F 13	3 57 47	28°24'09	6♌58	18°21	15°35	5° 4	8°22	17°42	26°19	19°45	2°26	12°D30	13°15	3°22	25°37	F 13
S 14	4 1 43	29°25'01	21° 8	19°55	16°46	5°45	8°26	17°48	26°22	19°47	2°26	12°30	13°12	3°28	25°39	S 14
S 15	4 5 40	0♐25'55	5♍ 7	21°29	17°56	6°26	8°29	17°55	26°26	19°49	2°27	12°R30	13° 9	3°35	25°41	S 15
M16	4 9 36	1°26'50	18°56	23° 3	19° 6	7° 7	8°33	18° 2	26°30	19°51	2°27	12°29	13° 6	3°42	25°43	M16
T 17	4 13 33	2°27'46	2♎34	24°37	20°17	7°48	8°38	18° 9	26°33	19°53	2°27	12°25	13° 3	3°48	25°45	T 17
W18	4 17 30	3°28'44	16° 2	26°11	21°28	8°29	8°42	18°16	26°37	19°56	2°27	12°19	13° 0	3°55	25°47	W18
T 19	4 21 26	4°29'43	29°19	27°44	22°39	9°10	8°47	18°23	26°41	19°58	2°27	12°10	12°56	4° 2	25°48	T 19
F 20	4 25 23	5°30'43	12♏25	29°18	23°50	9°51	8°51	18°30	26°44	20° 0	2°28	11°59	12°53	4° 8	25°50	F 20
S 21	4 29 19	6°31'44	25°19	0♐52	25° 1	10°32	8°56	18°37	26°48	20° 2	2°28	11°46	12°50	4°15	25°51	S 21
S 22	4 33 16	7°32'46	7♐59	2°26	26°12	11°14	9° 2	18°44	26°52	20° 4	2°28	11°34	12°47	4°22	25°52	S 22
M23	4 37 12	8°33'49	20°27	4° 0	27°24	11°55	9° 7	18°51	26°55	20° 7	2°29	11°23	12°44	4°28	25°53	M23
T 24	4 41 9	9°34'53	2♑41	5°34	28°35	12°36	9°12	18°58	26°59	20° 9	2°29	11°14	12°40	4°35	25°54	T 24
W25	4 45 5	10°35'58	14°44	7° 8	29°47	13°17	9°18	19° 5	27° 3	20°11	2°29	11° 8	12°37	4°41	25°55	W25
T 26	4 49 2	11°37'03	26°37	8°42	0♏59	13°59	9°24	19°12	27° 6	20°13	2°30	11° 4	12°34	4°48	25°56	T 26
F 27	4 52 59	12°38'09	8♒25	10°17	2°10	14°40	9°30	19°19	27°10	20°15	2°30	11°D 3	12°31	4°55	25°57	F 27
S 28	4 56 55	13°39'15	20°11	11°51	3°22	15°22	9°36	19°26	27°13	20°17	2°31	11° 3	12°28	5° 1	25°57	S 28
S 29	5 0 52	14°40'21	2♓ 0	13°25	4°34	16° 3	9°43	19°33	27°17	20°19	2°31	11° 4	12°25	5° 8	25°58	S 29
M30	5 4 48	15♐41'28	13♓58	15♐ 0	5♏46	16♏44	9♓49	19♐40	27♏21	20♏22	2♓32	11°R 5	12♌21	5♒15	25♌58	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	16s46	14s23	0s54	9s44	1n52	0n47	1n37	9s52	0n35	9s58	1s25	21s44	1n 6	19s 3	0n11	15s58	1n43	23s34	13s55	16n43	16n43	18s45	7n26	6s 8
M 2	17 3	11 5	1 55	10 20	1 46	0 23	1 40	10 8	0 34	9 57	1 25	21 45	1 6	19 4	0 11	15 58	1 43	23 34	13 55	16 43	16 44	18 44	7 24	6 9
T 3	17 20	7 15	2 52	10 57	1 41	0s 2	1 43	10 23	0 34	9 56	1 25	21 45	1 6	19 5	0 11	15 59	1 43	23 33	13 54	16 44	16 45	18 44	7 22	6 9
W 4	17 37	3 2	3 42	11 33	1 35	0 27	1 46	10 37	0 33	9 55	1 25	21 46	1 6	19 5	0 11	16 0	1 43	23 33	13 54	16 45	16 46	18 43	7 21	6 10
T 5	17 53	1n27	4 22	12 9	1 29	0 52	1 48	10 52	0 33	9 54	1 25	21 47	1 6	19 6	0 11	16 0	1 43	23 33	13 54	16 48	16 47	18 42	7 19	6 11
F 6	18 9	6 0	4 49	12 46	1 22	1 17	1 50	11 7	0 32	9 53	1 24	21 48	1 6	19 7	0 11	16 1	1 43	23 33	13 54	16 51	16 48	18 42	7 18	6 11
S 7	18 25	10 23	5 1	13 22	1 16	1 42	1 53	11 22	0 32	9 52	1 24	21 48	1 5	19 8	0 11	16 2	1 43	23 32	13 53	16 54	16 49	18 41	7 16	6 12
S 8	18 41	14 18	4 54	13 57	1 9	2 8	1 55	11 36	0 31	9 51	1 24	21 49	1 5	19 9	0 11	16 2	1 43	23 32	13 53	16 58	16 50	18 40	7 15	6 12
M 9	18 56	17 28	4 30	14 32	1 2	2 33	1 57	11 51	0 31	9 50	1 24	21 50	1 5	19 10	0 11	16 3	1 43	23 32	13 53	17 1	16 50	18 40	7 13	6 13
T 10	19 10	19 35	3 48	15 7	0 55	2 59	1 59	12 5	0 30	9 49	1 23	21 51	1 5	19 11	0 11	16 3	1 43	23 32	13 52	17 4	16 51	18 39	7 12	6 13
W11	19 25	20 26	2 51	15 41	0 49	3 24	2 0	12 20	0 30	9 47	1 23	21 51	1 5	19 12	0 11	16 4	1 43	23 31	13 52	17 6	16 52	18 38	7 11	6 14
T 12	19 39	19 55	1 43	16 15	0 42	3 50	2 2	12 34	0 29	9 46	1 23	21 52	1 5	19 12	0 11	16 5	1 43	23 31	13 52	17 7	16 53	18 37	7 9	6 15
F 13	19 53	18 8	0 29	16 48	0 35	4 15	2 4	12 48	0 29	9 44	1 23	21 53	1 5	19 13	0 11	16 5	1 43	23 31	13 51	17 7	16 54	18 37	7 8	6 15
S 14	20 6	15 14	0n46	17 20	0 28	4 41	2 5	13 3	0 28	9 43	1 22	21 53	1 5	19 14	0 11	16 6	1 43	23 30	13 51	17 7	16 55	18 36	7 7	6 16
S 15	20 19	11 29	1 57	17 52	0 21	5 7	2 6	13 17	0 28	9 41	1 22	21 54	1 5	19 15	0 11	16 6	1 43	23 30	13 51	17 7	16 56	18 35	7 6	6 16
M16	20 32	7 10	3 1	18 23	0 14	5 33	2 7	13 31	0 27	9 39	1 22	21 55	1 5	19 16	0 11	16 7	1 43	23 30	13 51	17 7	16 57	18 35	7 4	6 17
T 17	20 44	2 32	3 53	18 53	0 7	5 58	2 9	13 45	0 27	9 37	1 22	21 56	1 5	19 17	0 11	16 8	1 43	23 29	13 50	17 8	16 58	18 34	7 3	6 18
W18	20 56	2s 9	4 32	19 22	0s 0	6 24	2 9	13 58	0 26	9 36	1 21	21 56	1 4	19 18	0 11	16 8	1 43	23 29	13 50	17 10	16 59	18 33	7 2	6 18
T 19	21 7	6 40	4 55	19 50	0 7	6 50	2 10	14 12	0 26	9 34	1 21	21 57	1 4	19 19	0 11	16 9	1 43	23 29	13 50	17 13	16 59	18 33	7 1	6 19
F 20	21 18	10 49	5 3	20 18	0 14	7 15	2 11	14 26	0 25	9 32	1 21	21 58	1 4	19 19	0 11	16 9	1 43	23 28	13 49	17 16	17 0	18 32	7 0	6 19
S 21	21 29	14 24	4 54	20 44	0 20	7 41	2 12	14 39	0 24	9 30	1 21	21 58	1 4	19 20	0 11	16 10	1 43	23 28	13 49	17 19	17 1	18 31	6 59	6 20
S 22	21 39	17 15	4 32	21 10	0 27	8 6	2 12	14 52	0 24	9 27	1 20	21 59	1 4	19 21	0 11	16 10	1 43	23 27	13 49	17 23	17 2	18 30	6 58	6 21
M23	21 49	19 15	3 56	21 34	0 33	8 31	2 13	15 6	0 23	9 25	1 20	22 0	1 4	19 22	0 11	16 11	1 43	23 27	13 48	17 26	17 3	18 30	6 57	6 21
T 24	21 58	20 20	3 10	21 58	0 39	8 57	2 13	15 19	0 23	9 23	1 20	22 0	1 4	19 23	0 11	16 12	1 43	23 27	13 48	17 28	17 4	18 29	6 56	6 22
W25	22 7	20 27	2 16	22 20	0 46	9 22	2 13	15 32	0 22	9 20	1 20	22 1	1 4	19 24	0 11	16 12	1 43	23 26	13 48	17 30	17 5	18 28	6 55	6 22
T 26	22 16	19 39	1 17	22 41	0 52	9 47	2 13	15 45	0 22	9 18	1 19	22 2	1 4	19 24	0 11	16 13	1 43	23 26	13 48	17 31	17 6	18 27	6 55	6 23
F 27	22 24	18 0	0 14	23 1	0 58	10 11	2 13	15 58	0 21	9 16	1 19	22 2	1 4	19 25	0 11	16 13	1 43	23 25	13 47	17 31	17 7	18 27	6 54	6 24
S 28	22 31	15 35	0s49	23 20	1 3	10 36	2 13	16 10	0 21	9 13	1 19	22 3	1 4	19 26	0 11	16 14	1 43	23 25	13 47	17 31	17 8	18 26	6 53	6 24
S 29	22 39	12 31	1 50	23 38	1 9	11 0	2 13	16 23	0 20	9 10	1 19	22 3	1 4	19 27	0 11	16 14	1 43	23 24	13 47	17 31	17 8	18 25	6 52	6 25
M30	22s45	8s54	2s48	23s55	1s14	11s25	2n12	16s35	0n19	9s 8	1s19	22s 4	1n 3	19s28	0n11	16s15	1n43	23s24	13s46	17n31	17n 9	18s24	6n52	6s25

Julian Day Number = 2199839.5, Delta T = 10m07s
Ecliptic obliquity = 23°31'37, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°07'42, Lahiri = 14°14'43 Julian Calendar 1 Nov. 1310 == Greg. Calendar 9 Nov. 1310

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ASTRODIENST EPHEMERIS for the year 1310
geocentric

DECEMBER 1310 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	5 8 45	16♐42'35	26♓10	16♐35	6♏58	17♏26	9♓56	19♐47	27♏24	20♏24	2♓32	11°R 4	12♌18	5♒21	25♌58	T 1
W 2	5 12 41	17°43'43	8♈41	18°10	8°11	18° 7	10° 3	19°54	27°28	20°26	2°33	11♌ 2	12°15	5°28	25°R58	W 2
T 3	5 16 38	18°44'50	21°36	19°45	9°23	18°49	10°10	20° 1	27°31	20°28	2°34	10°57	12°12	5°35	25°58	T 3
F 4	5 20 34	19°45'58	4♉57	21°20	10°35	19°31	10°17	20° 8	27°35	20°30	2°34	10°51	12° 9	5°41	25°58	F 4
S 5	5 24 31	20°47'07	18°46	22°55	11°48	20°12	10°24	20°15	27°38	20°32	2°35	10°43	12° 6	5°48	25°58	S 5
S 6	5 28 28	21°48'15	3♊ 1	24°31	13° 0	20°54	10°32	20°22	27°42	20°34	2°35	10°34	12° 2	5°55	25°57	S 6
M 7	5 32 24	22°49'24	17°37	26° 7	14°13	21°36	10°40	20°29	27°45	20°36	2°36	10°26	11°59	6° 1	25°57	M 7
T 8	5 36 21	23°50'33	2♋27	27°43	15°25	22°17	10°47	20°36	27°49	20°38	2°37	10°20	11°56	6° 8	25°56	T 8
W 9	5 40 17	24°51'42	17°23	29°20	16°38	22°59	10°55	20°43	27°52	20°40	2°38	10°16	11°53	6°15	25°55	W 9
T 10	5 44 14	25°52'52	2♌16	0♏56	17°51	23°41	11° 3	20°50	27°55	20°42	2°38	10°14	11°50	6°21	25°55	T 10
F 11	5 48 10	26°54'02	16°59	2°33	19° 4	24°23	11°12	20°57	27°59	20°44	2°39	10°D14	11°46	6°28	25°54	F 11
S 12	5 52 7	27°55'12	1♍28	4°10	20°17	25° 5	11°20	21° 4	28° 2	20°45	2°40	10°15	11°43	6°34	25°53	S 12
S 13	5 56 3	28°56'23	15°38	5°48	21°30	25°46	11°29	21°11	28° 5	20°47	2°41	10°16	11°40	6°41	25°51	S 13
M14	6 0 0	29°57'34	29°29	7°25	22°43	26°28	11°37	21°18	28° 9	20°49	2°42	10°R17	11°37	6°48	25°50	M14
T 15	6 3 57	0♏58'46	13♎ 2	9° 3	23°56	27°10	11°46	21°25	28°12	20°51	2°43	10°16	11°34	6°54	25°49	T 15
W16	6 7 53	1°59'58	26°17	10°41	25° 9	27°52	11°55	21°32	28°15	20°53	2°43	10°13	11°31	7° 1	25°47	W16
T 17	6 11 50	3° 1'10	9♏17	12°19	26°22	28°34	12° 4	21°39	28°18	20°55	2°44	10° 9	11°27	7° 8	25°46	T 17
F 18	6 15 46	4° 2'22	22° 3	13°58	27°35	29°16	12°14	21°46	28°22	20°56	2°45	10° 3	11°24	7°14	25°44	F 18
S 19	6 19 43	5° 3'35	4♐37	15°36	28°49	29°59	12°23	21°53	28°25	20°58	2°46	9°57	11°21	7°21	25°42	S 19
S 20	6 23 39	6° 4'47	16°59	17°15	0♐ 2	0♐41	12°33	22° 0	28°28	21° 0	2°47	9°50	11°18	7°28	25°40	S 20
M21	6 27 36	7° 5'59	29°11	18°53	1°16	1°23	12°42	22° 7	28°31	21° 2	2°48	9°45	11°15	7°34	25°38	M21
T 22	6 31 32	8° 7'12	11♑14	20°31	2°29	2° 5	12°52	22°14	28°34	21° 3	2°49	9°40	11°12	7°41	25°36	T 22
W23	6 35 29	9° 8'24	23° 9	22° 9	3°42	2°47	13° 2	22°21	28°37	21° 5	2°50	9°37	11° 8	7°48	25°34	W23
T 24	6 39 26	10° 9'35	4♒59	23°46	4°56	3°30	13°12	22°28	28°40	21° 7	2°51	9°D36	11° 5	7°54	25°32	T 24
F 25	6 43 22	11°10'46	16°46	25°23	6°10	4°12	13°22	22°35	28°43	21° 8	2°52	9°36	11° 2	8° 1	25°29	F 25
S 26	6 47 19	12°11'57	28°32	26°59	7°23	4°54	13°32	22°42	28°46	21°10	2°54	9°37	10°59	8° 7	25°27	S 26
S 27	6 51 15	13°13'06	10♓22	28°34	8°37	5°37	13°43	22°48	28°49	21°11	2°55	9°39	10°56	8°14	25°24	S 27
M28	6 55 12	14°14'16	22°19	0♒ 8	9°50	6°19	13°53	22°55	28°52	21°13	2°56	9°41	10°52	8°21	25°21	M28
T 29	6 59 8	15°15'24	4♈29	1°40	11° 4	7° 1	14° 4	23° 2	28°55	21°15	2°57	9°42	10°49	8°27	25°18	T 29
W30	7 3 5	16°16'31	16°56	3°10	12°18	7°44	14°15	23° 8	28°57	21°16	2°58	9°R42	10°46	8°34	25°16	W30
T 31	7 7 1	17♑17'38	29♈44	4♒37	13♐31	8♐26	14♓26	23♐15	29♏ 0	21♏17	2♓59	9♌42	10♌43	8♒41	25♌13	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22s52	4s52	3s38	24s10	1s20	11s49	2n12	16s48	0n19	9s 5	1s18	22s 5	1n 3	19s29	0n11	16s15	1n43	23s23	13s46	17n31	17n10	18s24	6n51	6s26
W 2	22 57	0 32	4 20	24 24	1 25	12 13	2 11	17 0	0 18	9 2	1 18	22 5	1 3	19 29	0 11	16 16	1 43	23 23	13 46	17 31	17 11	18 23	6 51	6 26
T 3	23 3	3n58	4 50	24 37	1 30	12 36	2 11	17 12	0 18	8 59	1 18	22 6	1 3	19 30	0 11	16 16	1 43	23 22	13 46	17 33	17 12	18 22	6 50	6 27
F 4	23 8	8 25	5 6	24 48	1 34	13 0	2 10	17 24	0 17	8 56	1 18	22 6	1 3	19 31	0 11	16 17	1 43	23 22	13 45	17 35	17 13	18 21	6 50	6 28
S 5	23 12	12 35	5 4	24 59	1 39	13 23	2 9	17 36	0 16	8 53	1 17	22 7	1 3	19 32	0 11	16 17	1 43	23 21	13 45	17 37	17 14	18 21	6 49	6 28
S 6	23 16	16 11	4 45	25 7	1 43	13 45	2 8	17 47	0 16	8 50	1 17	22 8	1 3	19 33	0 11	16 18	1 43	23 21	13 45	17 39	17 15	18 20	6 49	6 29
M 7	23 20	18 52	4 6	25 15	1 47	14 8	2 7	17 59	0 15	8 47	1 17	22 8	1 3	19 33	0 11	16 18	1 43	23 20	13 44	17 41	17 16	18 19	6 48	6 29
T 8	23 23	20 20	3 10	25 21	1 50	14 30	2 6	18 10	0 15	8 44	1 17	22 9	1 3	19 34	0 11	16 19	1 43	23 20	13 44	17 43	17 17	18 18	6 48	6 30
W 9	23 26	20 24	2 1	25 25	1 54	14 52	2 5	18 22	0 14	8 41	1 17	22 9	1 3	19 35	0 11	16 19	1 43	23 19	13 44	17 44	17 17	18 17	6 48	6 30
T 10	23 28	19 2	0 43	25 28	1 57	15 14	2 4	18 33	0 13	8 37	1 16	22 10	1 3	19 36	0 11	16 20	1 43	23 19	13 44	17 45	17 18	18 17	6 47	6 31
F 11	23 29	16 23	0n37	25 29	1 59	15 35	2 3	18 44	0 13	8 34	1 16	22 10	1 3	19 36	0 11	16 20	1 43	23 18	13 43	17 45	17 19	18 16	6 47	6 32
S 12	23 31	12 45	1 53	25 29	2 2	15 56	2 1	18 55	0 12	8 31	1 16	22 11	1 3	19 37	0 11	16 21	1 43	23 18	13 43	17 44	17 20	18 15	6 47	6 32
S 13	23 31	8 27	3 0	25 28	2 4	16 16	2 0	19 5	0 11	8 27	1 16	22 11	1 3	19 38	0 11	16 21	1 43	23 17	13 43	17 44	17 21	18 14	6 47	6 33
M14	23 32	3 49	3 56	25 24	2 5	16 37	1 58	19 16	0 11	8 24	1 16	22 12	1 3	19 39	0 11	16 22	1 43	23 17	13 43	17 44	17 22	18 13	6 47	6 33
T 15	23 31	0s55	4 37	25 19	2 7	16 56	1 57	19 26	0 10	8 20	1 15	22 12	1 3	19 39	0 11	16 22	1 43	23 16	13 42	17 44	17 23	18 13	6 47	6 34
W16	23 31	5 29	5 2	25 13	2 8	17 16	1 55	19 36	0 10	8 16	1 15	22 13	1 3	19 40	0 11	16 23	1 44	23 16	13 42	17 45	17 24	18 12	6 47	6 34
T 17	23 30	9 43	5 11	25 5	2 8	17 35	1 53	19 46	0 9	8 13	1 15	22 13	1 2	19 41	0 11	16 23	1 44	23 15	13 42	17 46	17 24	18 11	6 47	6 35
F 18	23 28	13 27	5 4	24 55	2 8	17 53	1 51	19 56	0 8	8 9	1 15	22 14	1 2	19 42	0 11	16 23	1 44	23 14	13 41	17 47	17 25	18 10	6 47	6 35
S 19	23 26	16 30	4 43	24 44	2 8	18 11	1 49	20 6	0 8	8 5	1 15	22 14	1 2	19 42	0 11	16 24	1 44	23 14	13 41	17 49	17 26	18 9	6 47	6 36
S 20	23 23	18 46	4 9	24 30	2 7	18 29	1 47	20 15	0 7	8 1	1 14	22 15	1 2	19 43	0 11	16 24	1 44	23 13	13 41	17 51	17 27	18 8	6 47	6 36
M21	23 20	20 8	3 23	24 16	2 5	18 46	1 45	20 25	0 6	7 58	1 14	22 15	1 2	19 44	0 11	16 25	1 44	23 13	13 41	17 52	17 28	18 8	6 47	6 37
T 22	23 17	20 34	2 29	23 59	2 3	19 3	1 43	20 34	0 6	7 54	1 14	22 16	1 2	19 44	0 11	16 25	1 44	23 12	13 41	17 54	17 29	18 7	6 48	6 37
W23	23 13	20 4	1 29	23 41	2 1	19 19	1 41	20 43	0 5	7 50	1 14	22 16	1 2	19 45	0 11	16 26	1 44	23 11	13 40	17 55	17 30	18 6	6 48	6 38
T 24	23 8	18 41	0 25	23 21	1 57	19 34	1 39	20 52	0 4	7 46	1 14	22 17	1 2	19 46	0 11	16 26	1 44	23 11	13 40	17 55	17 31	18 5	6 48	6 38
F 25	23 3	16 30	0s39	23 0	1 54	19 50	1 37	21 0	0 4	7 42	1 14	22 17	1 2	19 46	0 11	16 26	1 44	23 10	13 40	17 55	17 31	18 4	6 49	6 39
S 26	22 58	13 38	1 42	22 37	1 49	20 4	1 34	21 9	0 3	7 37	1 13	22 17	1 2	19 47	0 11	16 27	1 44	23 10	13 40	17 55	17 32	18 3	6 49	6 39
S 27	22 52	10 12	2 42	22 13	1 44	20 18	1 32	21 17	0 2	7 33	1 13	22 18	1 2	19 48	0 11	16 27	1 44	23 9	13 39	17 54	17 33	18 2	6 50	6 39
M28	22 46	6 20	3 34	21 47	1 37	20 32	1 30	21 25	0 1	7 29	1 13	22 18	1 2	19 48	0 11	16 27	1 44	23 8	13 39	17 54	17 34	18 1	6 50	6 40
T 29	22 39	2 10	4 18	21 20	1 31	20 45	1 27	21 33	0 1	7 25	1 13	22 19	1 2	19 49	0 11	16 28	1 44	23 8	13 39	17 53	17 35	18 1	6 51	6 40
W30	22 32	2n11	4 51	20 52	1 23	20 57	1 25	21 41	0 0	7 20	1 13	22 19	1 2	19 50	0 11	16 28	1 44	23 7	13 39	17 53	17 36	18 0	6 51	6 41
T 31	22s24	6n34	5s11	20s23	1s14	21s 9	1n22	21s48	0s 1	7s16	1s13	22s19	1n 2	19s50	0n11	16s28	1n44	23s 6	13s39	17n53	17n37	17s59	6n52	6s41

Julian Day Number = 2199869.5, Delta T = 10m07s
Ecliptic obliquity = 23°31'37, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°07'47, Lahiri = 14°14'47 Julian Calendar 1 Dec. 1310 == Greg. Calendar 9 Dec. 1310

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ASTRODIENST EPHEMERIS for the year 1311
geocentric

JANUARY 1311 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	7 10 58	18♑18'44	12♉58	6♒ 2	14♐45	9♐ 9	14♓36	23♐22	29♏ 3	21♏19	3♓ 1	9°R40	10♌40	8♒47	25°R10	F 1
S 2	7 14 55	19°19'49	26°40	7°23	15°59	9°51	14°48	23°28	29° 6	21°20	3° 2	9♌38	10°37	8°54	25♌ 6	S 2
S 3	7 18 51	20°20'53	10♊51	8°40	17°13	10°34	14°59	23°35	29° 8	21°22	3° 3	9°35	10°33	9° 1	25° 3	S 3
M 4	7 22 48	21°21'56	25°27	9°51	18°27	11°17	15°10	23°42	29°11	21°23	3° 4	9°32	10°30	9° 7	25° 0	M 4
T 5	7 26 44	22°22'59	10♋23	10°58	19°40	11°59	15°21	23°48	29°14	21°24	3° 6	9°30	10°27	9°14	24°56	T 5
W 6	7 30 41	23°24'00	25°32	11°58	20°54	12°42	15°33	23°54	29°16	21°26	3° 7	9°29	10°24	9°21	24°53	W 6
T 7	7 34 37	24°25'01	10♌44	12°50	22° 8	13°25	15°44	24° 1	29°19	21°27	3° 8	9°D29	10°21	9°27	24°49	T 7
F 8	7 38 34	25°26'01	25°50	13°35	23°22	14° 7	15°56	24° 7	29°21	21°28	3° 9	9°29	10°18	9°34	24°46	F 8
S 9	7 42 31	26°27'00	10♍40	14°11	24°36	14°50	16° 8	24°14	29°24	21°29	3°11	9°30	10°14	9°41	24°42	S 9
S 10	7 46 27	27°27'58	25°10	14°37	25°50	15°33	16°19	24°20	29°26	21°31	3°12	9°31	10°11	9°47	24°38	S 10
M11	7 50 24	28°28'56	9♎15	14°52	27° 4	16°16	16°31	24°26	29°28	21°32	3°13	9°32	10° 8	9°54	24°34	M11
T 12	7 54 20	29°29'53	22°55	14°R57	28°18	16°59	16°43	24°32	29°31	21°33	3°15	9°33	10° 5	10° 0	24°31	T 12
W13	7 58 17	0♒30'49	6♏11	14°50	29°32	17°42	16°56	24°39	29°33	21°34	3°16	9°R33	10° 2	10° 7	24°27	W13
T 14	8 2 13	1°31'44	19° 6	14°33	0♑46	18°24	17° 8	24°45	29°35	21°35	3°18	9°32	9°58	10°14	24°23	T 14
F 15	8 6 10	2°32'39	1♐42	14° 4	2° 0	19° 7	17°20	24°51	29°37	21°36	3°19	9°31	9°55	10°20	24°18	F 15
S 16	8 10 6	3°33'33	14° 3	13°24	3°14	19°50	17°32	24°57	29°39	21°37	3°20	9°31	9°52	10°27	24°14	S 16
S 17	8 14 3	4°34'26	26°11	12°36	4°28	20°33	17°45	25° 3	29°41	21°38	3°22	9°30	9°49	10°34	24°10	S 17
M18	8 18 0	5°35'18	8♑11	11°39	5°43	21°17	17°57	25° 9	29°43	21°39	3°23	9°29	9°46	10°40	24° 6	M18
T 19	8 21 56	6°36'09	20° 4	10°35	6°57	22° 0	18°10	25°15	29°45	21°40	3°25	9°29	9°43	10°47	24° 2	T 19
W20	8 25 53	7°36'58	1♒53	9°27	8°11	22°43	18°22	25°21	29°47	21°41	3°26	9°29	9°39	10°54	23°57	W20
T 21	8 29 49	8°37'46	13°40	8°16	9°25	23°26	18°35	25°26	29°49	21°42	3°28	9°D29	9°36	11° 0	23°53	T 21
F 22	8 33 46	9°38'33	25°28	7° 4	10°39	24° 9	18°48	25°32	29°51	21°42	3°29	9°R29	9°33	11° 7	23°48	F 22
S 23	8 37 42	10°39'19	7♓18	5°54	11°53	24°52	19° 1	25°38	29°53	21°43	3°31	9°29	9°30	11°14	23°44	S 23
S 24	8 41 39	11°40'03	19°13	4°46	13° 7	25°36	19°14	25°43	29°55	21°44	3°32	9°28	9°27	11°20	23°39	S 24
M25	8 45 35	12°40'45	1♈15	3°43	14°22	26°19	19°27	25°49	29°56	21°45	3°34	9°28	9°23	11°27	23°35	M25
T 26	8 49 32	13°41'26	13°28	2°45	15°36	27° 2	19°40	25°55	29°58	21°45	3°35	9°28	9°20	11°33	23°30	T 26
W27	8 53 29	14°42'05	25°56	1°54	16°50	27°45	19°53	26° 0	29°59	21°46	3°37	9°27	9°17	11°40	23°26	W27
T 28	8 57 25	15°42'42	8♉41	1°11	18° 4	28°29	20° 6	26° 5	0♐ 1	21°46	3°38	9°27	9°14	11°47	23°21	T 28
F 29	9 1 22	16°43'18	21°48	0°35	19°18	29°12	20°19	26°11	0° 3	21°47	3°40	9°D27	9°11	11°53	23°16	F 29
S 30	9 5 18	17°43'52	5♊19	0° 7	20°32	29°55	20°33	26°16	0° 4	21°48	3°42	9°27	9° 8	12° 0	23°12	S 30
S 31	9 9 15	18♒44'24	19♊15	29♑46	21♑47	0♑39	20♓46	26♐21	0♐ 5	21♏48	3♓43	9♌28	9♌ 4	12♒ 7	23♌ 7	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22s16	10n47	5s15	19s53	1s 5	21s20	1n20	21s56	0s 1	7s12	1s12	22s20	1n 2	19s51	0n11	16s29	1n44	23s 6	13s38	17n54	17n38	17s58	6n52	6s41
S 2	22 8	14 35	5 2	19 22	0 54	21 31	1 17	22 3	0 2	7 7	1 12	22 20	1 2	19 51	0 11	16 29	1 44	23 5	13 38	17 54	17 38	17 57	6 53	6 42
S 3	21 59	17 41	4 30	18 51	0 43	21 41	1 14	22 10	0 3	7 3	1 12	22 20	1 2	19 52	0 11	16 29	1 44	23 4	13 38	17 55	17 39	17 56	6 54	6 42
M 4	21 49	19 47	3 40	18 20	0 31	21 50	1 12	22 16	0 4	6 58	1 12	22 21	1 2	19 53	0 11	16 30	1 44	23 4	13 38	17 56	17 40	17 55	6 55	6 42
T 5	21 40	20 33	2 34	17 49	0 17	21 59	1 9	22 23	0 4	6 54	1 12	22 21	1 2	19 53	0 11	16 30	1 44	23 3	13 38	17 56	17 41	17 54	6 55	6 43
W 6	21 29	19 51	1 17	17 19	0 3	22 7	1 6	22 29	0 5	6 49	1 12	22 21	1 2	19 54	0 11	16 30	1 44	23 3	13 37	17 57	17 42	17 53	6 56	6 43
T 7	21 19	17 43	0n 7	16 50	0n12	22 14	1 3	22 35	0 6	6 45	1 12	22 22	1 2	19 54	0 11	16 31	1 44	23 2	13 37	17 57	17 43	17 52	6 57	6 43
F 8	21 8	14 22	1 30	16 22	0 28	22 21	1 1	22 41	0 6	6 40	1 11	22 22	1 2	19 55	0 11	16 31	1 44	23 1	13 37	17 57	17 44	17 52	6 58	6 44
S 9	20 56	10 8	2 45	15 56	0 45	22 27	0 58	22 47	0 7	6 35	1 11	22 22	1 2	19 55	0 11	16 31	1 45	23 1	13 37	17 56	17 44	17 51	6 59	6 44
S 10	20 45	5 24	3 47	15 32	1 2	22 33	0 55	22 52	0 8	6 30	1 11	22 23	1 2	19 56	0 11	16 31	1 45	23 0	13 37	17 56	17 45	17 50	7 0	6 44
M11	20 32	0 32	4 35	15 10	1 19	22 38	0 52	22 58	0 9	6 26	1 11	22 23	1 2	19 56	0 11	16 32	1 45	22 59	13 37	17 56	17 46	17 49	7 1	6 44
T 12	20 20	4s14	5 5	14 52	1 37	22 42	0 49	23 3	0 9	6 21	1 11	22 23	1 2	19 57	0 11	16 32	1 45	22 59	13 36	17 56	17 47	17 48	7 2	6 45
W13	20 7	8 38	5 17	14 37	1 55	22 45	0 46	23 7	0 10	6 16	1 11	22 23	1 2	19 57	0 11	16 32	1 45	22 58	13 36	17 56	17 48	17 47	7 3	6 45
T 14	19 54	12 32	5 13	14 25	2 12	22 48	0 44	23 12	0 11	6 11	1 11	22 24	1 2	19 58	0 11	16 32	1 45	22 57	13 36	17 56	17 49	17 46	7 4	6 45
F 15	19 40	15 46	4 54	14 17	2 29	22 50	0 41	23 16	0 12	6 6	1 10	22 24	1 2	19 58	0 11	16 33	1 45	22 57	13 36	17 56	17 50	17 45	7 5	6 45
S 16	19 26	18 14	4 22	14 14	2 45	22 52	0 38	23 21	0 13	6 1	1 10	22 24	1 2	19 59	0 11	16 33	1 45	22 56	13 36	17 56	17 50	17 44	7 7	6 46
S 17	19 11	19 50	3 38	14 13	2 59	22 52	0 35	23 25	0 13	5 56	1 10	22 24	1 2	19 59	0 11	16 33	1 45	22 55	13 36	17 56	17 51	17 43	7 8	6 46
M18	18 57	20 31	2 46	14 17	3 12	22 52	0 32	23 28	0 14	5 51	1 10	22 25	1 2	20 0	0 11	16 33	1 45	22 55	13 36	17 57	17 52	17 42	7 9	6 46
T 19	18 41	20 16	1 46	14 24	3 23	22 52	0 29	23 32	0 15	5 46	1 10	22 25	1 2	20 0	0 11	16 33	1 45	22 54	13 36	17 57	17 53	17 41	7 10	6 46
W20	18 26	19 8	0 42	14 33	3 31	22 51	0 26	23 35	0 16	5 41	1 10	22 25	1 2	20 0	0 11	16 34	1 45	22 53	13 35	17 57	17 54	17 40	7 12	6 46
T 21	18 10	17 9	0s23	14 46	3 38	22 49	0 23	23 38	0 16	5 36	1 10	22 25	1 2	20 1	0 11	16 34	1 45	22 53	13 35	17 57	17 55	17 39	7 13	6 46
F 22	17 54	14 27	1 28	15 0	3 42	22 46	0 20	23 41	0 17	5 31	1 10	22 25	1 2	20 1	0 11	16 34	1 45	22 52	13 35	17 57	17 56	17 38	7 14	6 46
S 23	17 38	11 10	2 29	15 16	3 43	22 42	0 17	23 44	0 18	5 26	1 10	22 26	1 2	20 2	0 11	16 34	1 45	22 51	13 35	17 57	17 56	17 37	7 16	6 46
S 24	17 21	7 24	3 24	15 33	3 42	22 38	0 14	23 46	0 19	5 20	1 9	22 26	1 2	20 2	0 11	16 34	1 45	22 51	13 35	17 57	17 57	17 36	7 17	6 46
M25	17 4	3 19	4 10	15 51	3 39	22 34	0 11	23 48	0 20	5 15	1 9	22 26	1 2	20 2	0 11	16 34	1 45	22 50	13 35	17 57	17 58	17 35	7 18	6 47
T 26	16 47	0n57	4 46	16 9	3 34	22 28	0 8	23 50	0 20	5 10	1 9	22 26	1 2	20 3	0 11	16 34	1 45	22 49	13 35	17 57	17 59	17 34	7 20	6 47
W27	16 29	5 15	5 9	16 26	3 27	22 22	0 6	23 52	0 21	5 5	1 9	22 26	1 2	20 3	0 11	16 34	1 46	22 49	13 35	17 57	18 0	17 33	7 21	6 47
T 28	16 11	9 26	5 18	16 44	3 19	22 15	0 3	23 53	0 22	4 59	1 9	22 26	1 2	20 3	0 11	16 35	1 46	22 48	13 35	17 57	18 1	17 32	7 23	6 47
F 29	15 53	13 17	5 11	17 1	3 10	22 8	0s 0	23 54	0 23	4 54	1 9	22 27	1 2	20 4	0 11	16 35	1 46	22 47	13 35	17 57	18 2	17 31	7 24	6 47
S 30	15 34	16 34	4 46	17 17	2 59	22 0	0 3	23 55	0 24	4 49	1 9	22 27	1 2	20 4	0 11	16 35	1 46	22 47	13 35	17 57	18 2	17 30	7 26	6 46
S 31	15s16	19n 2	4s 5	17s32	2n48	21s51	0s 6	23s56	0s25	4s43	1s 9	22s27	1n 2	20s 4	0n11	16s35	1n46	22s46	13s34	17n57	18n 3	17s29	7n27	6s46

Julian Day Number = 2199900.5, Delta T = 10m07s
Ecliptic obliquity = 23°31'37, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°07'51, Lahiri = 14°14'51 Julian Calendar 1 Jan. 1311 == Greg. Calendar 9 Jan. 1311

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ASTRODIENST EPHEMERIS for the year 1311
geocentric

FEBRUARY 1311 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	9 13 11	19♒44'54	3♋37	29°R34	23♉ 1	1♉22	21♓ 0	26♐26	0♐ 7	21♏49	3♓45	9♌29	9♌ 1	12♒13	23°R 2	M 1
T 2	9 17 8	20°45'22	18°22	29°D28	24°15	2° 6	21°13	26°31	0° 8	21°49	3°46	9°30	8°58	12°20	22♌58	T 2
W 3	9 21 4	21°45'49	3♌25	29♉30	25°29	2°49	21°27	26°36	0° 9	21°49	3°48	9°R30	8°55	12°27	22°53	W 3
T 4	9 25 1	22°46'13	18°37	29°38	26°43	3°33	21°40	26°41	0°11	21°50	3°49	9°30	8°52	12°33	22°48	T 4
F 5	9 28 58	23°46'36	3♍50	29°52	27°58	4°16	21°54	26°46	0°12	21°50	3°51	9°29	8°49	12°40	22°44	F 5
S 6	9 32 54	24°46'57	18°53	0♒12	29°12	5° 0	22° 7	26°51	0°13	21°50	3°53	9°28	8°45	12°47	22°39	S 6
S 7	9 36 51	25°47'17	3♎38	0°38	0♒26	5°44	22°21	26°56	0°14	21°51	3°54	9°26	8°42	12°53	22°34	S 7
M 8	9 40 47	26°47'35	17°59	1° 8	1°40	6°27	22°35	27° 0	0°15	21°51	3°56	9°23	8°39	13° 0	22°30	M 8
T 9	9 44 44	27°47'52	1♏52	1°44	2°55	7°11	22°49	27° 5	0°16	21°51	3°57	9°21	8°36	13° 7	22°25	T 9
W10	9 48 40	28°48'07	15°17	2°23	4° 9	7°55	23° 3	27°10	0°17	21°51	3°59	9°20	8°33	13°13	22°20	W10
T 11	9 52 37	29°48'20	28°16	3° 7	5°23	8°38	23°16	27°14	0°17	21°51	4° 1	9°D19	8°29	13°20	22°15	T 11
F 12	9 56 33	0♓48'32	10♐51	3°54	6°37	9°22	23°30	27°18	0°18	21°52	4° 2	9°20	8°26	13°26	22°11	F 12
S 13	10 0 30	1°48'43	23° 8	4°45	7°51	10° 6	23°44	27°23	0°19	21°52	4° 4	9°21	8°23	13°33	22° 6	S 13
S 14	10 4 27	2°48'52	5♑11	5°39	9° 6	10°50	23°58	27°27	0°20	21°R52	4° 5	9°22	8°20	13°40	22° 2	S 14
M15	10 8 23	3°48'59	17° 4	6°36	10°20	11°33	24°12	27°31	0°20	21°52	4° 7	9°24	8°17	13°46	21°57	M15
T 16	10 12 20	4°49'05	28°52	7°35	11°34	12°17	24°26	27°35	0°21	21°52	4° 9	9°26	8°14	13°53	21°52	T 16
W17	10 16 16	5°49'09	10♒38	8°38	12°48	13° 1	24°41	27°39	0°21	21°52	4°10	9°R26	8°10	14° 0	21°48	W17
T 18	10 20 13	6°49'11	22°26	9°42	14° 3	13°45	24°55	27°43	0°22	21°51	4°12	9°25	8° 7	14° 6	21°43	T 18
F 19	10 24 9	7°49'11	4♓17	10°49	15°17	14°29	25° 9	27°47	0°22	21°51	4°13	9°23	8° 4	14°13	21°39	F 19
S 20	10 28 6	8°49'09	16°14	11°59	16°31	15°13	25°23	27°51	0°22	21°51	4°15	9°19	8° 1	14°20	21°35	S 20
S 21	10 32 2	9°49'05	28°19	13°10	17°45	15°57	25°37	27°54	0°23	21°51	4°17	9°14	7°58	14°26	21°30	S 21
M22	10 35 59	10°48'59	10♈33	14°23	19° 0	16°41	25°52	27°58	0°23	21°51	4°18	9° 9	7°55	14°33	21°26	M22
T 23	10 39 55	11°48'51	22°58	15°38	20°14	17°25	26° 6	28° 1	0°23	21°50	4°20	9° 3	7°51	14°40	21°22	T 23
W24	10 43 52	12°48'41	5♉35	16°55	21°28	18° 9	26°20	28° 5	0°23	21°50	4°22	8°58	7°48	14°46	21°17	W24
T 25	10 47 49	13°48'28	18°26	18°14	22°42	18°53	26°34	28° 8	0°23	21°50	4°23	8°54	7°45	14°53	21°13	T 25
F 26	10 51 45	14°48'14	1♊33	19°34	23°56	19°37	26°49	28°11	0°R23	21°49	4°25	8°51	7°42	14°59	21° 9	F 26
S 27	10 55 42	15°47'57	14°58	20°56	25°11	20°21	27° 3	28°14	0°23	21°49	4°26	8°D50	7°39	15° 6	21° 5	S 27
S 28	10 59 38	16♓47'38	28♊43	22♒19	26♒25	21♉ 5	27♓18	28♐17	0♐23	21♏49	4♓28	8♌51	7♌35	15♒13	21♌ 1	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	14s57	20n22	3s 7	17s46	2n36	21s42	0s 9	23s57	0s25	4s38	1s 9	22s27	1n 2	20s 5	0n11	16s35	1n46	22s46	13s34	17n57	18n 4	17s28	7n29	6s46
T 2	14 38	20 22	1 55	18 0	2 24	21 32	0 11	23 57	0 26	4 33	1 9	22 27	1 2	20 5	0 11	16 35	1 46	22 45	13 34	17 57	18 5	17 27	7 30	6 46
W 3	14 18	18 55	0 34	18 12	2 11	21 21	0 14	23 57	0 27	4 27	1 8	22 27	1 2	20 5	0 11	16 35	1 46	22 44	13 34	17 56	18 6	17 26	7 32	6 46
T 4	13 59	16 6	0n50	18 22	1 59	21 10	0 17	23 57	0 28	4 22	1 8	22 27	1 2	20 5	0 11	16 35	1 46	22 44	13 34	17 56	18 7	17 25	7 34	6 46
F 5	13 39	12 10	2 11	18 32	1 46	20 58	0 19	23 56	0 29	4 16	1 8	22 27	1 2	20 6	0 11	16 35	1 46	22 43	13 34	17 57	18 7	17 24	7 35	6 46
S 6	13 19	7 30	3 21	18 40	1 33	20 45	0 22	23 56	0 30	4 11	1 8	22 28	1 2	20 6	0 11	16 35	1 46	22 42	13 34	17 57	18 8	17 23	7 37	6 46
S 7	12 58	2 29	4 17	18 47	1 21	20 32	0 25	23 55	0 31	4 5	1 8	22 28	1 2	20 6	0 11	16 35	1 46	22 42	13 34	17 58	18 9	17 22	7 39	6 46
M 8	12 38	2s32	4 55	18 52	1 8	20 18	0 27	23 54	0 31	4 0	1 8	22 28	1 2	20 6	0 11	16 35	1 46	22 41	13 34	17 58	18 10	17 21	7 40	6 45
T 9	12 17	7 15	5 14	18 56	0 56	20 4	0 30	23 52	0 32	3 54	1 8	22 28	1 2	20 6	0 11	16 35	1 46	22 41	13 34	17 59	18 11	17 20	7 42	6 45
W10	11 56	11 27	5 15	18 59	0 44	19 49	0 32	23 51	0 33	3 49	1 8	22 28	1 2	20 7	0 11	16 35	1 46	22 40	13 34	17 59	18 12	17 19	7 44	6 45
T 11	11 35	14 59	4 59	19 0	0 33	19 33	0 35	23 49	0 34	3 43	1 8	22 28	1 2	20 7	0 11	16 35	1 46	22 39	13 34	17 59	18 12	17 18	7 45	6 45
F 12	11 14	17 42	4 30	19 0	0 21	19 17	0 37	23 47	0 35	3 37	1 8	22 28	1 2	20 7	0 11	16 35	1 46	22 39	13 34	17 59	18 13	17 17	7 47	6 45
S 13	10 52	19 33	3 49	18 59	0 10	19 0	0 39	23 44	0 36	3 32	1 8	22 28	1 2	20 7	0 11	16 35	1 46	22 38	13 34	17 59	18 14	17 16	7 49	6 44
S 14	10 30	20 28	2 58	18 56	0s 0	18 43	0 42	23 42	0 37	3 26	1 8	22 28	1 2	20 7	0 11	16 35	1 47	22 38	13 34	17 58	18 15	17 15	7 50	6 44
M15	10 9	20 27	2 0	18 52	0 11	18 25	0 44	23 39	0 38	3 21	1 8	22 28	1 2	20 7	0 11	16 35	1 47	22 37	13 34	17 58	18 16	17 14	7 52	6 44
T 16	9 47	19 31	0 58	18 46	0 21	18 7	0 46	23 36	0 38	3 15	1 8	22 28	1 2	20 7	0 11	16 35	1 47	22 36	13 34	17 58	18 17	17 12	7 54	6 43
W17	9 25	17 44	0s 7	18 39	0 30	17 48	0 49	23 32	0 39	3 9	1 8	22 28	1 2	20 8	0 11	16 35	1 47	22 36	13 34	17 57	18 17	17 11	7 56	6 43
T 18	9 2	15 12	1 11	18 31	0 40	17 29	0 51	23 29	0 40	3 4	1 7	22 28	1 2	20 8	0 11	16 35	1 47	22 35	13 34	17 58	18 18	17 10	7 57	6 43
F 19	8 40	12 2	2 12	18 21	0 48	17 9	0 53	23 25	0 41	2 58	1 7	22 28	1 2	20 8	0 11	16 35	1 47	22 35	13 34	17 58	18 19	17 9	7 59	6 42
S 20	8 18	8 21	3 8	18 10	0 57	16 49	0 55	23 21	0 42	2 52	1 7	22 28	1 2	20 8	0 11	16 35	1 47	22 34	13 34	17 59	18 20	17 8	8 1	6 42
S 21	7 55	4 17	3 57	17 58	1 5	16 28	0 57	23 17	0 43	2 47	1 7	22 28	1 2	20 8	0 11	16 34	1 47	22 34	13 35	18 1	18 21	17 7	8 2	6 42
M22	7 32	0 1	4 34	17 44	1 13	16 7	0 59	23 12	0 44	2 41	1 7	22 29	1 2	20 8	0 11	16 34	1 47	22 33	13 35	18 2	18 21	17 6	8 4	6 41
T 23	7 9	4n19	5 0	17 29	1 20	15 45	1 1	23 8	0 45	2 35	1 7	22 29	1 2	20 8	0 11	16 34	1 47	22 32	13 35	18 4	18 22	17 5	8 6	6 41
W24	6 47	8 32	5 11	17 12	1 27	15 23	1 3	23 3	0 46	2 29	1 7	22 29	1 2	20 8	0 11	16 34	1 47	22 32	13 35	18 5	18 23	17 4	8 8	6 40
T 25	6 23	12 27	5 8	16 54	1 33	15 1	1 4	22 58	0 47	2 24	1 7	22 29	1 2	20 8	0 11	16 34	1 47	22 31	13 35	18 6	18 24	17 3	8 9	6 40
F 26	6 0	15 51	4 48	16 34	1 39	14 38	1 6	22 52	0 48	2 18	1 7	22 29	1 2	20 8	0 11	16 34	1 47	22 31	13 35	18 7	18 25	17 1	8 11	6 40
S 27	5 37	18 30	4 12	16 14	1 45	14 14	1 8	22 47	0 48	2 12	1 7	22 29	1 2	20 8	0 11	16 34	1 47	22 30	13 35	18 7	18 26	17 0	8 13	6 39
S 28	5s14	20n10	3s21	15s51	1s50	13s51	1s 9	22s41	0s49	2s 6	1s 7	22s29	1n 2	20s 8	0n11	16s33	1n47	22s30	13s35	18n 7	18n26	16s59	8n14	6s39

Julian Day Number = 2199931.5, Delta T = 10m07s
Ecliptic obliquity = 23°31'38, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°07'55, Lahiri = 14°14'56 Julian Calendar 1 Feb. 1311 == Greg. Calendar 9 Feb. 1311

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ASTRODIENST EPHEMERIS for the year 1311
geocentric

MARCH 1311 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	11 3 35	17♓47'16	12♋49	23♒44	27♒39	21♉49	27♓32	28♐20	0°R23	21°R48	4♓29	8♌52	7♌32	15♒19	20°R57	M 1
T 2	11 7 31	18°46'52	27°14	25°10	28°53	22°33	27°46	28°23	0♐23	21♏48	4°31	8°53	7°29	15°26	20♌53	T 2
W 3	11 11 28	19°46'26	11♌57	26°38	0♈ 7	23°17	28° 1	28°26	0°23	21°47	4°33	8°R54	7°26	15°33	20°50	W 3
T 4	11 15 24	20°45'58	26°53	28° 7	1°22	24° 1	28°15	28°29	0°22	21°47	4°34	8°53	7°23	15°39	20°46	T 4
F 5	11 19 21	21°45'27	11♍53	29°38	2°36	24°46	28°30	28°31	0°22	21°46	4°36	8°49	7°20	15°46	20°42	F 5
S 6	11 23 18	22°44'54	26°51	1♈10	3°50	25°30	28°44	28°34	0°22	21°45	4°37	8°44	7°16	15°53	20°39	S 6
S 7	11 27 14	23°44'19	11♎37	2°43	5° 4	26°14	28°58	28°36	0°21	21°45	4°39	8°37	7°13	15°59	20°35	S 7
M 8	11 31 11	24°43'42	26° 2	4°18	6°18	26°58	29°13	28°39	0°21	21°44	4°40	8°30	7°10	16° 6	20°32	M 8
T 9	11 35 7	25°43'03	10♏ 3	5°54	7°32	27°42	29°27	28°41	0°20	21°43	4°42	8°23	7° 7	16°13	20°28	T 9
W10	11 39 4	26°42'22	23°35	7°31	8°46	28°27	29°42	28°43	0°19	21°43	4°43	8°17	7° 4	16°19	20°25	W10
T 11	11 43 0	27°41'40	6♐40	9°10	10° 1	29°11	29°56	28°45	0°19	21°42	4°45	8°13	7° 0	16°26	20°22	T 11
F 12	11 46 57	28°40'56	19°20	10°50	11°15	29°55	0♈11	28°47	0°18	21°41	4°46	8°10	6°57	16°33	20°19	F 12
S 13	11 50 53	29°40'10	1♑39	12°32	12°29	0♒39	0°25	28°49	0°17	21°40	4°48	8°D10	6°54	16°39	20°16	S 13
S 14	11 54 50	0♈39'22	13°42	14°14	13°43	1°24	0°40	28°51	0°17	21°39	4°49	8°11	6°51	16°46	20°13	S 14
M15	11 58 47	1°38'32	25°35	15°59	14°57	2° 8	0°54	28°52	0°16	21°39	4°51	8°12	6°48	16°52	20°10	M15
T 16	12 2 43	2°37'41	7♒22	17°44	16°11	2°52	1° 9	28°54	0°15	21°38	4°52	8°R12	6°45	16°59	20° 7	T 16
W17	12 6 40	3°36'47	19° 8	19°32	17°25	3°37	1°23	28°55	0°14	21°37	4°54	8°12	6°41	17° 6	20° 4	W17
T 18	12 10 36	4°35'52	0♓58	21°20	18°39	4°21	1°38	28°57	0°13	21°36	4°55	8° 9	6°38	17°12	20° 2	T 18
F 19	12 14 33	5°34'55	12°55	23°10	19°54	5° 5	1°52	28°58	0°12	21°35	4°57	8° 4	6°35	17°19	19°59	F 19
S 20	12 18 29	6°33'55	25° 1	25° 2	21° 8	5°50	2° 7	28°59	0°11	21°34	4°58	7°56	6°32	17°26	19°57	S 20
S 21	12 22 26	7°32'54	7♈19	26°55	22°22	6°34	2°21	29° 0	0°10	21°33	4°59	7°46	6°29	17°32	19°55	S 21
M22	12 26 22	8°31'51	19°49	28°49	23°36	7°19	2°36	29° 1	0° 8	21°32	5° 1	7°35	6°26	17°39	19°52	M22
T 23	12 30 19	9°30'45	2♉32	0♈45	24°50	8° 3	2°50	29° 2	0° 7	21°31	5° 2	7°24	6°22	17°46	19°50	T 23
W24	12 34 15	10°29'38	15°27	2°42	26° 4	8°47	3° 4	29° 3	0° 6	21°29	5° 4	7°14	6°19	17°52	19°48	W24
T 25	12 38 12	11°28'28	28°33	4°40	27°18	9°32	3°19	29° 4	0° 5	21°28	5° 5	7° 5	6°16	17°59	19°46	T 25
F 26	12 42 9	12°27'16	11♊52	6°40	28°32	10°16	3°33	29° 4	0° 3	21°27	5° 6	6°59	6°13	18° 6	19°45	F 26
S 27	12 46 5	13°26'02	25°23	8°42	29°46	11° 0	3°48	29° 5	0° 2	21°26	5° 8	6°55	6°10	18°12	19°43	S 27
S 28	12 50 2	14°24'46	9♋ 7	10°44	1♈ 0	11°45	4° 2	29° 5	0° 0	21°25	5° 9	6°D54	6° 6	18°19	19°41	S 28
M29	12 53 58	15°23'27	23° 4	12°48	2°14	12°29	4°16	29° 5	29♏59	21°24	5°10	6°54	6° 3	18°26	19°40	M29
T 30	12 57 55	16°22'06	7♌14	14°53	3°28	13°14	4°31	29° 6	29°57	21°22	5°12	6°R54	6° 0	18°32	19°38	T 30
W31	13 1 51	17♈20'43	21♌37	16♈59	4♈42	13♒58	4♈45	29♐ 6	29♏56	21♏21	5♓13	6♌53	5♌57	18♒39	19♌37	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	4s51	20n38	2s17	15s28	1s55	13s27	1s11	22s35	0s50	2s 1	1s 7	22s29	1n 2	20s 8	0n11	16s33	1n47	22s29	13s35	18n 6	18n27	16s58	8n16	6s38
T 2	4 27	19 45	1 3	15 3	1 59	13 2	1 12	22 29	0 51	1 55	1 7	22 29	1 2	20 8	0 11	16 33	1 47	22 29	13 35	18 6	18 28	16 57	8 18	6 38
W 3	4 4	17 32	0n17	14 37	2 3	12 37	1 14	22 22	0 52	1 49	1 7	22 29	1 2	20 8	0 11	16 33	1 47	22 28	13 35	18 6	18 29	16 56	8 19	6 37
T 4	3 40	14 6	1 36	14 9	2 7	12 12	1 15	22 15	0 53	1 43	1 7	22 29	1 2	20 8	0 11	16 33	1 48	22 28	13 36	18 6	18 30	16 55	8 21	6 37
F 5	3 17	9 44	2 49	13 40	2 10	11 47	1 17	22 8	0 54	1 38	1 7	22 29	1 3	20 8	0 11	16 33	1 48	22 27	13 36	18 7	18 30	16 53	8 23	6 36
S 6	2 53	4 47	3 51	13 10	2 13	11 21	1 18	22 1	0 55	1 32	1 7	22 29	1 3	20 8	0 11	16 32	1 48	22 27	13 36	18 9	18 31	16 52	8 24	6 36
S 7	2 30	0s23	4 35	12 38	2 15	10 55	1 19	21 54	0 56	1 26	1 7	22 29	1 3	20 8	0 11	16 32	1 48	22 26	13 36	18 10	18 32	16 51	8 26	6 35
M 8	2 6	5 25	5 1	12 5	2 16	10 28	1 20	21 46	0 57	1 20	1 7	22 29	1 3	20 7	0 11	16 32	1 48	22 26	13 36	18 12	18 33	16 50	8 28	6 34
T 9	1 42	10 0	5 8	11 31	2 18	10 2	1 21	21 38	0 58	1 14	1 7	22 29	1 3	20 7	0 11	16 32	1 48	22 25	13 36	18 14	18 34	16 49	8 29	6 34
W10	1 19	13 56	4 58	10 55	2 19	9 35	1 22	21 30	0 59	1 9	1 7	22 29	1 3	20 7	0 11	16 31	1 48	22 25	13 36	18 16	18 35	16 48	8 31	6 33
T 11	0 55	17 2	4 32	10 19	2 19	9 7	1 23	21 22	1 0	1 3	1 7	22 29	1 3	20 7	0 11	16 31	1 48	22 25	13 36	18 17	18 35	16 47	8 32	6 33
F 12	0 32	19 14	3 53	9 40	2 19	8 40	1 24	21 14	1 1	0 57	1 7	22 29	1 3	20 7	0 11	16 31	1 48	22 24	13 37	18 17	18 36	16 45	8 34	6 32
S 13	0 8	20 27	3 4	9 1	2 18	8 12	1 25	21 5	1 2	0 51	1 7	22 29	1 3	20 7	0 11	16 31	1 48	22 24	13 37	18 18	18 37	16 44	8 36	6 31
S 14	0n16	20 42	2 8	8 20	2 17	7 44	1 25	20 56	1 3	0 45	1 7	22 29	1 3	20 7	0 11	16 30	1 48	22 23	13 37	18 17	18 38	16 43	8 37	6 31
M15	0 39	20 0	1 8	7 38	2 16	7 16	1 26	20 47	1 3	0 40	1 7	22 29	1 3	20 6	0 11	16 30	1 48	22 23	13 37	18 17	18 39	16 42	8 39	6 30
T 16	1 3	18 26	0 5	6 55	2 14	6 48	1 27	20 38	1 4	0 34	1 7	22 29	1 3	20 6	0 11	16 30	1 48	22 23	13 37	18 17	18 39	16 41	8 40	6 29
W17	1 26	16 4	0s58	6 10	2 11	6 20	1 27	20 29	1 5	0 28	1 7	22 28	1 3	20 6	0 11	16 30	1 48	22 22	13 37	18 17	18 40	16 39	8 41	6 29
T 18	1 50	13 2	1 59	5 25	2 8	5 51	1 28	20 19	1 6	0 22	1 7	22 28	1 3	20 6	0 11	16 29	1 48	22 22	13 38	18 18	18 41	16 38	8 43	6 28
F 19	2 14	9 26	2 55	4 38	2 5	5 22	1 28	20 9	1 7	0 17	1 7	22 28	1 3	20 6	0 11	16 29	1 48	22 21	13 38	18 19	18 42	16 37	8 44	6 27
S 20	2 37	5 24	3 44	3 50	2 1	4 53	1 28	19 59	1 8	0 11	1 7	22 28	1 3	20 5	0 11	16 29	1 48	22 21	13 38	18 21	18 43	16 36	8 46	6 27
S 21	3 0	1 6	4 23	3 0	1 56	4 24	1 29	19 49	1 9	0 5	1 7	22 28	1 3	20 5	0 11	16 28	1 48	22 21	13 38	18 24	18 43	16 35	8 47	6 26
M22	3 24	3n19	4 49	2 10	1 51	3 55	1 29	19 39	1 10	0n 1	1 7	22 28	1 3	20 5	0 11	16 28	1 48	22 20	13 38	18 26	18 44	16 33	8 48	6 25
T 23	3 47	7 39	5 3	1 19	1 45	3 25	1 29	19 28	1 11	0 6	1 7	22 28	1 3	20 5	0 11	16 28	1 48	22 20	13 39	18 29	18 45	16 32	8 50	6 25
W24	4 10	11 44	5 1	0 26	1 39	2 56	1 29	19 17	1 12	0 12	1 7	22 28	1 3	20 4	0 11	16 27	1 48	22 20	13 39	18 32	18 46	16 31	8 51	6 24
T 25	4 33	15 19	4 43	0n27	1 33	2 26	1 29	19 6	1 13	0 18	1 7	22 28	1 3	20 4	0 11	16 27	1 48	22 19	13 39	18 34	18 47	16 30	8 52	6 23
F 26	4 56	18 10	4 10	1 21	1 25	1 57	1 29	18 55	1 14	0 24	1 7	22 28	1 3	20 4	0 11	16 27	1 49	22 19	13 39	18 36	18 47	16 28	8 54	6 22
S 27	5 19	20 5	3 22	2 16	1 18	1 27	1 29	18 44	1 15	0 29	1 7	22 28	1 3	20 4	0 11	16 26	1 49	22 19	13 40	18 37	18 48	16 27	8 55	6 22
S 28	5 42	20 51	2 22	3 12	1 10	0 57	1 29	18 33	1 16	0 35	1 7	22 28	1 3	20 3	0 11	16 26	1 49	22 18	13 40	18 37	18 49	16 26	8 56	6 21
M29	6 5	20 21	1 13	4 8	1 1	0 28	1 28	18 21	1 17	0 41	1 7	22 28	1 3	20 3	0 11	16 26	1 49	22 18	13 40	18 37	18 50	16 25	8 57	6 20
T 30	6 28	18 34	0n 2	5 5	0 52	0n 2	1 28	18 9	1 18	0 46	1 7	22 28	1 3	20 3	0 11	16 25	1 49	22 18	13 40	18 37	18 50	16 23	8 58	6 19
W31	6n50	15n34	1n17	6n 2	0s43	0n32	1s28	17s57	1s19	0n52	1s 7	22s28	1n 3	20s 2	0n11	16s25	1n49	22s18	13s41	18n37	18n51	16s22	8n59	6s19

Julian Day Number = 2199959.5, Delta T = 10m07s
Ecliptic obliquity = 23°31'38, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°07'59, Lahiri = 14°14'59 Julian Calendar 1 March 1311 == Greg. Calendar 9 March 1311

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ASTRODIENST EPHEMERIS for the year 1311
geocentric

APRIL 1311 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	13 5 48	18♈19'17	6♍ 9	19♈ 5	5♈56	14♒42	4♈59	29°R 6	29°R54	21°R20	5♓14	6°R50	5♌54	18♒45	19°R36	T 1
F 2	13 9 44	19°17'49	20°46	21°12	7°10	15°27	5°13	29♐ 6	29♏52	21♏18	5°15	6♌45	5°51	18°52	19♌35	F 2
S 3	13 13 41	20°16'19	5♎23	23°20	8°24	16°11	5°28	29° 5	29°51	21°17	5°17	6°37	5°47	18°59	19°34	S 3
S 4	13 17 38	21°14'47	19°52	25°28	9°38	16°55	5°42	29° 5	29°49	21°16	5°18	6°27	5°44	19° 5	19°33	S 4
M 5	13 21 34	22°13'13	4♏ 7	27°35	10°52	17°40	5°56	29° 5	29°47	21°14	5°19	6°15	5°41	19°12	19°32	M 5
T 6	13 25 31	23°11'38	18° 2	29°43	12° 6	18°24	6°10	29° 4	29°45	21°13	5°20	6° 4	5°38	19°19	19°32	T 6
W 7	13 29 27	24°10'00	1♐32	1♉50	13°20	19° 9	6°24	29° 4	29°44	21°12	5°21	5°54	5°35	19°25	19°31	W 7
T 8	13 33 24	25° 8'21	14°38	3°55	14°33	19°53	6°38	29° 3	29°42	21°10	5°22	5°46	5°32	19°32	19°31	T 8
F 9	13 37 20	26° 6'40	27°20	6° 0	15°47	20°37	6°52	29° 2	29°40	21° 9	5°23	5°41	5°28	19°39	19°31	F 9
S 10	13 41 17	27° 4'58	9♑41	8° 3	17° 1	21°22	7° 6	29° 1	29°38	21° 7	5°25	5°38	5°25	19°45	19°30	S 10
S 11	13 45 13	28° 3'14	21°47	10° 4	18°15	22° 6	7°20	29° 0	29°36	21° 6	5°26	5°37	5°22	19°52	19°D30	S 11
M12	13 49 10	29° 1'29	3♒40	12° 3	19°29	22°50	7°34	28°59	29°34	21° 5	5°27	5°37	5°19	19°59	19°30	M12
T 13	13 53 7	29°59'42	15°29	13°59	20°43	23°35	7°48	28°58	29°32	21° 3	5°28	5°37	5°16	20° 5	19°31	T 13
W14	13 57 3	0♉57'53	27°17	15°53	21°57	24°19	8° 2	28°57	29°30	21° 2	5°29	5°35	5°12	20°12	19°31	W14
T 15	14 1 0	1°56'03	9♓10	17°44	23°11	25° 3	8°16	28°56	29°28	21° 0	5°30	5°32	5° 9	20°19	19°31	T 15
F 16	14 4 56	2°54'11	21°13	19°31	24°25	25°48	8°30	28°54	29°26	20°59	5°31	5°26	5° 6	20°25	19°32	F 16
S 17	14 8 53	3°52'18	3♈28	21°16	25°38	26°32	8°44	28°53	29°24	20°57	5°32	5°17	5° 3	20°32	19°32	S 17
S 18	14 12 49	4°50'23	15°58	22°57	26°52	27°16	8°57	28°51	29°21	20°55	5°33	5° 6	5° 0	20°38	19°33	S 18
M19	14 16 46	5°48'27	28°45	24°34	28° 6	28° 0	9°11	28°49	29°19	20°54	5°34	4°53	4°57	20°45	19°34	M19
T 20	14 20 42	6°46'29	11♉47	26° 8	29°20	28°45	9°25	28°48	29°17	20°52	5°35	4°40	4°53	20°52	19°35	T 20
W21	14 24 39	7°44'30	25° 4	27°38	0♉34	29°29	9°38	28°46	29°15	20°51	5°35	4°28	4°50	20°58	19°36	W21
T 22	14 28 35	8°42'28	8♊33	29° 5	1°48	0♓13	9°52	28°44	29°13	20°49	5°36	4°18	4°47	21° 5	19°37	T 22
F 23	14 32 32	9°40'25	22°13	0♊27	3° 2	0°57	10° 5	28°42	29°10	20°48	5°37	4°10	4°44	21°12	19°38	F 23
S 24	14 36 29	10°38'21	6♋ 1	1°46	4°15	1°41	10°19	28°40	29° 8	20°46	5°38	4° 5	4°41	21°18	19°39	S 24
S 25	14 40 25	11°36'14	19°56	3° 0	5°29	2°25	10°32	28°37	29° 6	20°44	5°39	4° 3	4°37	21°25	19°41	S 25
M26	14 44 22	12°34'06	3♌56	4°11	6°43	3° 9	10°46	28°35	29° 3	20°43	5°40	4° 3	4°34	21°32	19°42	M26
T 27	14 48 18	13°31'56	18° 2	5°17	7°57	3°53	10°59	28°33	29° 1	20°41	5°40	4° 3	4°31	21°38	19°44	T 27
W28	14 52 15	14°29'44	2♍12	6°19	9°11	4°37	11°12	28°30	28°59	20°40	5°41	4° 2	4°28	21°45	19°46	W28
T 29	14 56 11	15°27'30	16°25	7°17	10°24	5°21	11°25	28°28	28°56	20°38	5°42	3°59	4°25	21°52	19°48	T 29
F 30	15 0 8	16♉25'14	0♎39	8♊10	11♉38	6♓ 5	11♈38	28♐25	28♏54	20♏36	5♓43	3♌54	4♌22	21♒58	19♌50	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	7n13	11n36	2n29	7n 0	0s33	1n 2	1s27	17s45	1s20	0n58	1s 7	22s28	1n 3	20s 2	0n11	16s25	1n49	22s17	13s41	18n38	18n52	16s21	9n 1	6s18
F 2	7 35	6 54	3 31	7 57	0 23	1 32	1 27	17 33	1 21	1 3	1 7	22 28	1 3	20 2	0 11	16 24	1 49	22 17	13 41	18 39	18 53	16 20	9 2	6 17
S 3	7 57	1 48	4 19	8 54	0 12	2 1	1 26	17 20	1 22	1 9	1 7	22 28	1 3	20 1	0 11	16 24	1 49	22 17	13 41	18 41	18 54	16 18	9 3	6 16
S 4	8 19	3s20	4 49	9 51	0 2	2 31	1 26	17 8	1 23	1 14	1 7	22 28	1 3	20 1	0 11	16 24	1 49	22 17	13 42	18 44	18 54	16 17	9 4	6 16
M 5	8 41	8 13	5 1	10 48	0n 9	3 1	1 25	16 55	1 24	1 20	1 7	22 28	1 3	20 0	0 11	16 23	1 49	22 17	13 42	18 47	18 55	16 16	9 5	6 15
T 6	9 3	12 32	4 55	11 43	0 20	3 31	1 24	16 42	1 24	1 26	1 8	22 28	1 3	20 0	0 11	16 23	1 49	22 16	13 42	18 49	18 56	16 15	9 6	6 14
W 7	9 24	16 6	4 32	12 38	0 31	4 0	1 23	16 29	1 25	1 31	1 8	22 28	1 4	20 0	0 11	16 22	1 49	22 16	13 42	18 52	18 57	16 13	9 6	6 13
T 8	9 46	18 44	3 56	13 31	0 41	4 30	1 22	16 16	1 26	1 37	1 8	22 28	1 4	19 59	0 11	16 22	1 49	22 16	13 43	18 54	18 58	16 12	9 7	6 12
F 9	10 7	20 22	3 8	14 23	0 52	4 59	1 21	16 3	1 27	1 42	1 8	22 28	1 4	19 59	0 11	16 22	1 49	22 16	13 43	18 55	18 58	16 11	9 8	6 12
S 10	10 28	20 58	2 13	15 14	1 3	5 28	1 20	15 50	1 28	1 48	1 8	22 28	1 4	19 58	0 11	16 21	1 49	22 16	13 43	18 56	18 59	16 9	9 9	6 11
S 11	10 49	20 34	1 13	16 2	1 13	5 58	1 19	15 36	1 29	1 53	1 8	22 28	1 4	19 58	0 11	16 21	1 49	22 15	13 43	18 56	19 0	16 8	9 10	6 10
M12	11 10	19 14	0 10	16 49	1 23	6 27	1 18	15 22	1 30	1 59	1 8	22 28	1 4	19 58	0 11	16 20	1 49	22 15	13 44	18 56	19 1	16 7	9 11	6 9
T 13	11 31	17 5	0s52	17 33	1 32	6 56	1 17	15 8	1 31	2 4	1 8	22 28	1 4	19 57	0 11	16 20	1 49	22 15	13 44	18 56	19 1	16 6	9 11	6 8
W14	11 51	14 13	1 52	18 16	1 41	7 25	1 16	14 55	1 32	2 10	1 8	22 28	1 4	19 57	0 11	16 20	1 49	22 15	13 44	18 57	19 2	16 4	9 12	6 8
T 15	12 11	10 45	2 48	18 56	1 49	7 53	1 15	14 41	1 33	2 15	1 8	22 28	1 4	19 56	0 11	16 19	1 49	22 15	13 45	18 57	19 3	16 3	9 13	6 7
F 16	12 31	6 49	3 36	19 33	1 57	8 22	1 13	14 26	1 34	2 20	1 8	22 28	1 4	19 56	0 11	16 19	1 49	22 15	13 45	18 59	19 4	16 2	9 13	6 6
S 17	12 51	2 32	4 16	20 8	2 4	8 50	1 12	14 12	1 35	2 26	1 8	22 28	1 4	19 55	0 11	16 18	1 49	22 15	13 45	19 1	19 4	16 0	9 14	6 5
S 18	13 11	1n56	4 44	20 41	2 10	9 18	1 10	13 58	1 36	2 31	1 8	22 28	1 4	19 55	0 11	16 18	1 49	22 15	13 46	19 4	19 5	15 59	9 14	6 4
M19	13 30	6 25	4 59	21 11	2 16	9 46	1 9	13 43	1 37	2 36	1 8	22 28	1 4	19 54	0 11	16 17	1 49	22 15	13 46	19 7	19 6	15 58	9 15	6 3
T 20	13 50	10 42	4 58	21 38	2 21	10 14	1 7	13 29	1 38	2 42	1 8	22 28	1 4	19 54	0 10	16 17	1 49	22 15	13 46	19 10	19 7	15 56	9 15	6 3
W21	14 9	14 33	4 41	22 3	2 25	10 41	1 6	13 14	1 38	2 47	1 8	22 28	1 4	19 54	0 10	16 17	1 49	22 15	13 46	19 13	19 8	15 55	9 16	6 2
T 22	14 27	17 43	4 9	22 26	2 28	11 8	1 4	12 59	1 39	2 52	1 9	22 27	1 4	19 53	0 10	16 16	1 49	22 15	13 47	19 15	19 8	15 54	9 16	6 1
F 23	14 46	19 56	3 22	22 46	2 30	11 35	1 2	12 44	1 40	2 57	1 9	22 27	1 4	19 53	0 10	16 16	1 49	22 14	13 47	19 17	19 9	15 52	9 17	6 0
S 24	15 4	21 1	2 23	23 4	2 31	12 2	1 1	12 29	1 41	3 3	1 9	22 27	1 4	19 52	0 10	16 15	1 49	22 14	13 47	19 18	19 10	15 51	9 17	5 59
S 25	15 22	20 49	1 14	23 19	2 32	12 28	0 59	12 14	1 42	3 8	1 9	22 27	1 4	19 52	0 10	16 15	1 49	22 14	13 48	19 19	19 11	15 50	9 17	5 59
M26	15 40	19 20	0 1	23 32	2 31	12 54	0 57	11 59	1 43	3 13	1 9	22 27	1 4	19 51	0 10	16 14	1 49	22 14	13 48	19 19	19 11	15 48	9 18	5 58
T 27	15 58	16 39	1n13	23 43	2 30	13 20	0 55	11 44	1 44	3 18	1 9	22 27	1 4	19 51	0 10	16 14	1 49	22 14	13 48	19 19	19 12	15 47	9 18	5 57
W28	16 15	12 57	2 23	23 52	2 27	13 46	0 53	11 28	1 45	3 23	1 9	22 27	1 4	19 50	0 10	16 14	1 49	22 15	13 49	19 19	19 13	15 45	9 18	5 56
T 29	16 32	8 31	3 24	23 58	2 24	14 11	0 51	11 13	1 46	3 28	1 9	22 27	1 4	19 50	0 10	16 13	1 49	22 15	13 49	19 20	19 14	15 44	9 18	5 55
F 30	16n49	3n36	4n13	24n 3	2n20	14n36	0s50	10s58	1s46	3n33	1s 9	22s27	1n 4	19s49	0n10	16s13	1n49	22s15	13s49	19n21	19n14	15s43	9n18	5s55

Julian Day Number = 2199990.5, Delta T = 10m07s
Ecliptic obliquity = 23°31'38, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°08'03, Lahiri = 14°15'04 Julian Calendar 1 Apr. 1311 == Greg. Calendar 9 Apr. 1311

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ASTRODIENST EPHEMERIS for the year 1311
geocentric

MAY 1311 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	15 4 4	17♉22'57	14♎50	8♊59	12♉52	6♓49	11♈51	28°R22	28°R51	20°R35	5♓43	3°R46	4♌18	22♒ 5	19♌52	S 1
S 2	15 8 1	18°20'38	28°53	9°44	14° 6	7°33	12° 4	28♐20	28♏49	20♏33	5°44	3♌36	4°15	22°12	19°54	S 2
M 3	15 11 58	19°18'18	12♏46	10°24	15°19	8°17	12°17	28°17	28°47	20°32	5°44	3°24	4°12	22°18	19°57	M 3
T 4	15 15 54	20°15'57	26°22	10°59	16°33	9° 1	12°30	28°14	28°44	20°30	5°45	3°13	4° 9	22°25	19°59	T 4
W 5	15 19 51	21°13'34	9♐40	11°30	17°47	9°44	12°43	28°11	28°42	20°28	5°46	3° 3	4° 6	22°32	20° 1	W 5
T 6	15 23 47	22°11'10	22°37	11°56	19° 1	10°28	12°56	28° 8	28°39	20°27	5°46	2°55	4° 3	22°38	20° 4	T 6
F 7	15 27 44	23° 8'45	5♑14	12°18	20°14	11°12	13° 9	28° 4	28°37	20°25	5°47	2°49	3°59	22°45	20° 7	F 7
S 8	15 31 40	24° 6'19	17°34	12°34	21°28	11°56	13°21	28° 1	28°34	20°23	5°47	2°46	3°56	22°52	20°10	S 8
S 9	15 35 37	25° 3'52	29°39	12°46	22°42	12°39	13°34	27°58	28°32	20°22	5°48	2°D45	3°53	22°58	20°13	S 9
M10	15 39 34	26° 1'24	11♒33	12°54	23°55	13°23	13°46	27°55	28°29	20°20	5°48	2°45	3°50	23° 5	20°16	M10
T 11	15 43 30	26°58'55	23°23	12°R56	25° 9	14° 6	13°59	27°51	28°27	20°19	5°49	2°R46	3°47	23°11	20°19	T 11
W12	15 47 27	27°56'25	5♓13	12°54	26°23	14°50	14°11	27°48	28°24	20°17	5°49	2°46	3°43	23°18	20°22	W12
T 13	15 51 23	28°53'54	17° 8	12°48	27°37	15°33	14°23	27°44	28°22	20°15	5°50	2°44	3°40	23°25	20°25	T 13
F 14	15 55 20	29°51'23	29°14	12°37	28°50	16°17	14°35	27°41	28°19	20°14	5°50	2°40	3°37	23°31	20°29	F 14
S 15	15 59 16	0♊48'50	11♈34	12°22	0♊ 4	17° 0	14°47	27°37	28°17	20°12	5°50	2°34	3°34	23°38	20°32	S 15
S 16	16 3 13	1°46'17	24°13	12° 4	1°18	17°43	15° 0	27°33	28°14	20°11	5°51	2°26	3°31	23°45	20°36	S 16
M17	16 7 9	2°43'43	7♉11	11°42	2°32	18°26	15°11	27°30	28°12	20° 9	5°51	2°16	3°28	23°51	20°40	M17
T 18	16 11 6	3°41'08	20°30	11°16	3°45	19°10	15°23	27°26	28° 9	20° 7	5°51	2° 6	3°24	23°58	20°44	T 18
W19	16 15 2	4°38'33	4♊ 7	10°49	4°59	19°53	15°35	27°22	28° 7	20° 6	5°52	1°57	3°21	24° 5	20°48	W19
T 20	16 18 59	5°35'57	18° 0	10°19	6°13	20°36	15°47	27°18	28° 5	20° 4	5°52	1°49	3°18	24°11	20°52	T 20
F 21	16 22 56	6°33'19	2♋ 5	9°47	7°26	21°19	15°58	27°14	28° 2	20° 3	5°52	1°44	3°15	24°18	20°56	F 21
S 22	16 26 52	7°30'41	16°17	9°14	8°40	22° 2	16°10	27°10	28° 0	20° 1	5°52	1°40	3°12	24°25	21° 0	S 22
S 23	16 30 49	8°28'02	0♌33	8°40	9°54	22°44	16°21	27° 6	27°57	20° 0	5°52	1°D39	3° 9	24°31	21° 4	S 23
M24	16 34 45	9°25'22	14°49	8° 7	11° 8	23°27	16°33	27° 2	27°55	19°58	5°52	1°40	3° 5	24°38	21° 9	M24
T 25	16 38 42	10°22'41	29° 2	7°34	12°21	24°10	16°44	26°58	27°52	19°57	5°53	1°41	3° 2	24°45	21°13	T 25
W26	16 42 38	11°19'58	13♍11	7° 2	13°35	24°53	16°55	26°54	27°50	19°55	5°53	1°R41	2°59	24°51	21°18	W26
T 27	16 46 35	12°17'15	27°15	6°32	14°49	25°35	17° 6	26°50	27°48	19°54	5°53	1°40	2°56	24°58	21°22	T 27
F 28	16 50 32	13°14'30	11♎12	6° 3	16° 2	26°18	17°17	26°45	27°45	19°52	5°53	1°37	2°53	25° 5	21°27	F 28
S 29	16 54 28	14°11'45	25° 0	5°38	17°16	27° 0	17°28	26°41	27°43	19°51	5°53	1°32	2°49	25°11	21°32	S 29
S 30	16 58 25	15° 8'59	8♏39	5°16	18°30	27°42	17°39	26°37	27°40	19°49	5°R53	1°26	2°46	25°18	21°37	S 30
M31	17 2 21	16♊ 6'12	22♏ 5	4♊57	19♊43	28♓25	17♈50	26♐33	27♏38	19♏48	5♓53	1♌19	2♌43	25♒25	21♌42	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17n 5	1s29	4n45	24n 6	2n15	15n 0	0s48	10s42	1s47	3n38	1s 9	22s27	1n 4	19s48	0n10	16s12	1n49	22s15	13s50	19n23	19n15	15s41	9n19	5s54
S 2	17 21	6 26	5 0	24 6	2 8	15 24	0 46	10 26	1 48	3 43	1 10	22 27	1 4	19 48	0 10	16 12	1 49	22 15	13 50	19 25	19 16	15 40	9 19	5 53
M 3	17 37	11 0	4 58	24 5	2 1	15 48	0 43	10 11	1 49	3 48	1 10	22 27	1 4	19 47	0 10	16 11	1 49	22 15	13 50	19 28	19 17	15 39	9 19	5 52
T 4	17 53	14 55	4 38	24 2	1 53	16 11	0 41	9 55	1 50	3 53	1 10	22 27	1 4	19 47	0 10	16 11	1 49	22 15	13 51	19 31	19 17	15 37	9 19	5 51
W 5	18 8	17 59	4 3	23 58	1 44	16 34	0 39	9 39	1 51	3 58	1 10	22 27	1 4	19 46	0 10	16 11	1 49	22 15	13 51	19 33	19 18	15 36	9 19	5 51
T 6	18 23	20 3	3 16	23 51	1 34	16 56	0 37	9 23	1 52	4 3	1 10	22 27	1 4	19 46	0 10	16 10	1 49	22 15	13 52	19 35	19 19	15 34	9 19	5 50
F 7	18 38	21 5	2 21	23 43	1 23	17 19	0 35	9 7	1 52	4 8	1 10	22 27	1 4	19 45	0 10	16 10	1 49	22 15	13 52	19 36	19 20	15 33	9 18	5 49
S 8	18 52	21 3	1 20	23 33	1 11	17 40	0 33	8 51	1 53	4 13	1 10	22 27	1 4	19 45	0 10	16 9	1 49	22 15	13 52	19 37	19 20	15 32	9 18	5 48
S 9	19 6	20 2	0 17	23 22	0 58	18 1	0 31	8 35	1 54	4 18	1 10	22 27	1 4	19 44	0 10	16 9	1 49	22 15	13 53	19 37	19 21	15 30	9 18	5 47
M10	19 20	18 8	0s47	23 10	0 44	18 22	0 28	8 19	1 55	4 22	1 10	22 27	1 4	19 44	0 10	16 9	1 49	22 16	13 53	19 37	19 22	15 29	9 18	5 47
T 11	19 33	15 28	1 48	22 56	0 30	18 42	0 26	8 3	1 56	4 27	1 11	22 27	1 4	19 43	0 10	16 8	1 49	22 16	13 53	19 37	19 23	15 27	9 18	5 46
W12	19 46	12 11	2 44	22 40	0 15	19 2	0 24	7 47	1 56	4 32	1 11	22 27	1 4	19 43	0 10	16 8	1 49	22 16	13 54	19 37	19 23	15 26	9 17	5 45
T 13	19 59	8 23	3 34	22 24	0s 1	19 21	0 21	7 31	1 57	4 36	1 11	22 27	1 4	19 42	0 10	16 7	1 49	22 16	13 54	19 37	19 24	15 24	9 17	5 44
F 14	20 12	4 12	4 15	22 6	0 18	19 40	0 19	7 15	1 58	4 41	1 11	22 27	1 4	19 42	0 10	16 7	1 49	22 16	13 54	19 38	19 25	15 23	9 17	5 44
S 15	20 24	0n14	4 45	21 48	0 34	19 58	0 17	6 59	1 59	4 45	1 11	22 27	1 4	19 41	0 10	16 6	1 49	22 16	13 55	19 40	19 26	15 22	9 16	5 43
S 16	20 36	4 45	5 2	21 28	0 51	20 16	0 14	6 42	2 0	4 50	1 11	22 27	1 4	19 40	0 10	16 6	1 49	22 17	13 55	19 41	19 26	15 20	9 16	5 42
M17	20 47	9 11	5 3	21 8	1 9	20 33	0 12	6 26	2 0	4 54	1 11	22 27	1 4	19 40	0 10	16 6	1 49	22 17	13 55	19 44	19 27	15 19	9 16	5 41
T 18	20 58	13 17	4 49	20 48	1 26	20 49	0 10	6 10	2 1	4 59	1 11	22 27	1 4	19 39	0 10	16 5	1 49	22 17	13 56	19 46	19 28	15 17	9 15	5 41
W19	21 9	16 49	4 18	20 27	1 43	21 5	0 7	5 53	2 2	5 3	1 12	22 27	1 3	19 39	0 10	16 5	1 49	22 17	13 56	19 48	19 29	15 16	9 15	5 40
T 20	21 19	19 28	3 32	20 6	2 0	21 20	0 5	5 37	2 3	5 8	1 12	22 27	1 3	19 38	0 10	16 4	1 49	22 18	13 57	19 50	19 29	15 14	9 14	5 39
F 21	21 29	20 59	2 32	19 45	2 17	21 35	0 3	5 21	2 3	5 12	1 12	22 26	1 3	19 38	0 10	16 4	1 49	22 18	13 57	19 51	19 30	15 13	9 13	5 38
S 22	21 39	21 11	1 22	19 24	2 33	21 49	0 0	5 4	2 4	5 16	1 12	22 26	1 3	19 37	0 10	16 4	1 49	22 18	13 57	19 52	19 31	15 11	9 13	5 38
S 23	21 48	20 1	0 6	19 4	2 48	22 3	0n 2	4 48	2 5	5 21	1 12	22 26	1 3	19 37	0 10	16 3	1 49	22 18	13 58	19 52	19 32	15 10	9 12	5 37
M24	21 57	17 34	1n10	18 44	3 2	22 16	0 4	4 32	2 6	5 25	1 12	22 26	1 3	19 36	0 10	16 3	1 49	22 19	13 58	19 52	19 32	15 9	9 11	5 36
T 25	22 5	14 4	2 22	18 26	3 16	22 28	0 7	4 15	2 6	5 29	1 13	22 26	1 3	19 36	0 10	16 2	1 49	22 19	13 58	19 52	19 33	15 7	9 11	5 36
W26	22 13	9 47	3 25	18 9	3 28	22 40	0 9	3 59	2 7	5 33	1 13	22 26	1 3	19 35	0 10	16 2	1 49	22 19	13 59	19 51	19 34	15 6	9 10	5 35
T 27	22 21	4 59	4 15	17 53	3 39	22 51	0 12	3 43	2 8	5 37	1 13	22 26	1 3	19 35	0 10	16 2	1 49	22 20	13 59	19 52	19 35	15 4	9 9	5 34
F 28	22 28	0s 1	4 49	17 38	3 49	23 1	0 14	3 26	2 8	5 41	1 13	22 26	1 3	19 34	0 10	16 1	1 49	22 20	13 59	19 52	19 35	15 3	9 8	5 33
S 29	22 35	4 58	5 6	17 25	3 58	23 11	0 16	3 10	2 9	5 45	1 13	22 26	1 3	19 33	0 10	16 1	1 49	22 20	14 0	19 53	19 36	15 1	9 7	5 33
S 30	22 42	9 36	5 6	17 14	4 5	23 20	0 19	2 54	2 10	5 49	1 13	22 26	1 3	19 33	0 10	16 1	1 49	22 21	14 0	19 55	19 37	15 0	9 7	5 32
M31	22n48	13s43	4n48	17n 5	4s11	23n29	0n21	2s38	2s10	5n53	1s13	22s26	1n 3	19s32	0n10	16s 0	1n49	22s21	14s 1	19n56	19n37	14s58	9n 6	5s31

Julian Day Number = 2200020.5, Delta T = 10m07s
Ecliptic obliquity = 23°31'38, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°08'07, Lahiri = 14°15'08 Julian Calendar 1 May 1311 == Greg. Calendar 9 May 1311

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ASTRODIENST EPHEMERIS for the year 1311
geocentric

JUNE 1311 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	17 6 18	17♊ 3'25	5♐18	4°R42	20♊57	29♓ 7	18♈ 0	26°R28	27°R36	19°R46	5°R53	1°R11	2♌40	25♒31	21♌47	T 1
W 2	17 10 14	18° 0'37	18°15	4♊30	22°11	29°49	18°11	26♐24	27♏34	19♏45	5♓53	1♌ 5	2°37	25°38	21°52	W 2
T 3	17 14 11	18°57'49	0♋57	4°24	23°24	0♈31	18°21	26°20	27°31	19°44	5°53	0°59	2°34	25°45	21°57	T 3
F 4	17 18 7	19°55'01	13°24	4°D21	24°38	1°13	18°31	26°15	27°29	19°42	5°52	0°56	2°30	25°51	22° 2	F 4
S 5	17 22 4	20°52'12	25°36	4°23	25°52	1°55	18°41	26°11	27°27	19°41	5°52	0°D54	2°27	25°58	22° 8	S 5
S 6	17 26 1	21°49'23	7♒37	4°30	27° 6	2°36	18°51	26° 6	27°25	19°40	5°52	0°54	2°24	26° 5	22°13	S 6
M 7	17 29 57	22°46'33	19°31	4°42	28°19	3°18	19° 1	26° 2	27°23	19°38	5°52	0°56	2°21	26°11	22°19	M 7
T 8	17 33 54	23°43'44	1♓20	4°58	29°33	3°59	19°11	25°58	27°20	19°37	5°52	0°57	2°18	26°18	22°24	T 8
W 9	17 37 50	24°40'55	13°10	5°19	0♋47	4°41	19°21	25°53	27°18	19°36	5°52	0°59	2°15	26°25	22°30	W 9
T 10	17 41 47	25°38'05	25° 6	5°45	2° 0	5°22	19°30	25°49	27°16	19°35	5°51	0°R59	2°11	26°31	22°36	T 10
F 11	17 45 43	26°35'16	7♈12	6°16	3°14	6° 3	19°40	25°44	27°14	19°33	5°51	0°59	2° 8	26°38	22°42	F 11
S 12	17 49 40	27°32'27	19°34	6°51	4°28	6°45	19°49	25°40	27°12	19°32	5°51	0°57	2° 5	26°44	22°48	S 12
S 13	17 53 36	28°29'38	2♉15	7°31	5°41	7°26	19°58	25°36	27°10	19°31	5°50	0°53	2° 2	26°51	22°54	S 13
M14	17 57 33	29°26'49	15°18	8°16	6°55	8° 7	20° 8	25°31	27° 8	19°30	5°50	0°49	1°59	26°58	23° 0	M14
T 15	18 1 30	0♋24'00	28°46	9° 5	8° 9	8°47	20°16	25°27	27° 6	19°29	5°50	0°45	1°55	27° 4	23° 6	T 15
W16	18 5 26	1°21'12	12♊36	9°58	9°23	9°28	20°25	25°22	27° 4	19°28	5°49	0°40	1°52	27°11	23°12	W16
T 17	18 9 23	2°18'23	26°46	10°56	10°36	10° 9	20°34	25°18	27° 2	19°26	5°49	0°37	1°49	27°18	23°18	T 17
F 18	18 13 19	3°15'35	11♋13	11°58	11°50	10°49	20°43	25°14	27° 0	19°25	5°48	0°34	1°46	27°24	23°25	F 18
S 19	18 17 16	4°12'47	25°50	13° 5	13° 4	11°29	20°51	25° 9	26°59	19°24	5°48	0°D33	1°43	27°31	23°31	S 19
S 20	18 21 12	5° 9'58	10♌31	14°16	14°18	12° 9	20°59	25° 5	26°57	19°23	5°48	0°33	1°40	27°38	23°37	S 20
M21	18 25 9	6° 7'10	25° 9	15°30	15°31	12°50	21° 8	25° 1	26°55	19°22	5°47	0°34	1°36	27°44	23°44	M21
T 22	18 29 5	7° 4'21	9♍39	16°50	16°45	13°29	21°16	24°56	26°53	19°21	5°46	0°36	1°33	27°51	23°51	T 22
W23	18 33 2	8° 1'33	23°58	18°13	17°59	14° 9	21°24	24°52	26°52	19°20	5°46	0°37	1°30	27°58	23°57	W23
T 24	18 36 59	8°58'44	8♎ 4	19°40	19°12	14°49	21°31	24°48	26°50	19°20	5°45	0°R37	1°27	28° 4	24° 4	T 24
F 25	18 40 55	9°55'55	21°54	21°11	20°26	15°28	21°39	24°44	26°49	19°19	5°45	0°37	1°24	28°11	24°11	F 25
S 26	18 44 52	10°53'06	5♏29	22°45	21°40	16° 8	21°46	24°40	26°47	19°18	5°44	0°36	1°21	28°18	24°17	S 26
S 27	18 48 48	11°50'18	18°48	24°24	22°54	16°47	21°54	24°35	26°45	19°17	5°44	0°34	1°17	28°24	24°24	S 27
M28	18 52 45	12°47'29	1♐52	26° 6	24° 7	17°26	22° 1	24°31	26°44	19°16	5°43	0°31	1°14	28°31	24°31	M28
T 29	18 56 41	13°44'41	14°43	27°51	25°21	18° 5	22° 8	24°27	26°43	19°15	5°42	0°29	1°11	28°38	24°38	T 29
W30	19 0 38	14♋41'53	27♐19	29♊40	26♋35	18♈43	22♈15	24♐23	26♏41	19♏15	5♓42	0♌27	1♌ 8	28♒44	24♌45	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n54	17s 4	4n16	16n58	4s15	23n36	0n23	2s21	2s11	5n57	1s14	22s26	1n 3	19s32	0n10	16s 0	1n49	22s21	14s 1	19n58	19n38	14s57	9n 5	5s31
W 2	22 59	19 31	3 30	16 53	4 19	23 43	0 26	2 5	2 12	6 1	1 14	22 26	1 3	19 31	0 10	16 0	1 49	22 22	14 1	20 0	19 39	14 55	9 4	5 30
T 3	23 4	20 56	2 35	16 50	4 20	23 50	0 28	1 49	2 12	6 5	1 14	22 26	1 3	19 31	0 10	15 59	1 49	22 22	14 2	20 1	19 40	14 54	9 3	5 29
F 4	23 9	21 18	1 34	16 49	4 21	23 55	0 30	1 33	2 13	6 9	1 14	22 26	1 3	19 30	0 10	15 59	1 49	22 22	14 2	20 1	19 40	14 52	9 2	5 29
S 5	23 13	20 38	0 29	16 50	4 20	24 0	0 32	1 17	2 14	6 12	1 14	22 26	1 3	19 30	0 10	15 59	1 49	22 23	14 2	20 2	19 41	14 51	9 0	5 28
S 6	23 16	19 1	0s37	16 53	4 18	24 4	0 35	1 1	2 14	6 16	1 15	22 26	1 3	19 29	0 10	15 58	1 49	22 23	14 3	20 2	19 42	14 49	8 59	5 27
M 7	23 20	16 36	1 40	16 58	4 15	24 8	0 37	0 45	2 15	6 19	1 15	22 26	1 2	19 29	0 10	15 58	1 49	22 23	14 3	20 1	19 43	14 48	8 58	5 27
T 8	23 23	13 30	2 38	17 5	4 11	24 11	0 39	0 29	2 15	6 23	1 15	22 26	1 2	19 29	0 10	15 58	1 49	22 24	14 3	20 1	19 43	14 46	8 57	5 26
W 9	23 25	9 52	3 30	17 14	4 6	24 13	0 41	0 13	2 16	6 27	1 15	22 26	1 2	19 28	0 10	15 57	1 48	22 24	14 4	20 1	19 44	14 45	8 56	5 25
T 10	23 27	5 50	4 14	17 24	4 0	24 14	0 43	0n 3	2 16	6 30	1 15	22 25	1 2	19 28	0 10	15 57	1 48	22 25	14 4	20 1	19 45	14 43	8 55	5 25
F 11	23 29	1 31	4 46	17 36	3 53	24 15	0 45	0 19	2 17	6 33	1 15	22 25	1 2	19 27	0 10	15 57	1 48	22 25	14 4	20 1	19 45	14 42	8 53	5 24
S 12	23 30	2n57	5 7	17 50	3 46	24 14	0 47	0 35	2 17	6 37	1 16	22 25	1 2	19 27	0 10	15 57	1 48	22 26	14 5	20 1	19 46	14 40	8 52	5 24
S 13	23 31	7 24	5 13	18 4	3 37	24 14	0 49	0 51	2 18	6 40	1 16	22 25	1 2	19 26	0 10	15 56	1 48	22 26	14 5	20 2	19 47	14 38	8 51	5 23
M14	23 32	11 39	5 3	18 20	3 28	24 12	0 51	1 6	2 19	6 43	1 16	22 25	1 2	19 26	0 10	15 56	1 48	22 26	14 6	20 3	19 48	14 37	8 49	5 22
T 15	23 32	15 28	4 36	18 38	3 18	24 10	0 53	1 22	2 19	6 46	1 16	22 25	1 2	19 25	0 10	15 56	1 48	22 27	14 6	20 4	19 48	14 35	8 48	5 22
W16	23 31	18 32	3 53	18 56	3 8	24 7	0 55	1 38	2 20	6 50	1 16	22 25	1 2	19 25	0 10	15 55	1 48	22 27	14 6	20 5	19 49	14 34	8 46	5 21
T 17	23 30	20 34	2 55	19 15	2 57	24 3	0 57	1 53	2 20	6 53	1 17	22 25	1 2	19 25	0 10	15 55	1 48	22 28	14 7	20 6	19 50	14 32	8 45	5 21
F 18	23 29	21 19	1 44	19 34	2 46	23 59	0 59	2 9	2 20	6 56	1 17	22 25	1 2	19 24	0 10	15 55	1 48	22 28	14 7	20 6	19 50	14 31	8 43	5 20
S 19	23 28	20 38	0 26	19 54	2 34	23 53	1 1	2 24	2 21	6 59	1 17	22 25	1 1	19 24	0 10	15 55	1 48	22 29	14 7	20 6	19 51	14 29	8 42	5 20
S 20	23 26	18 33	0n55	20 15	2 22	23 48	1 2	2 39	2 21	7 2	1 17	22 25	1 1	19 23	0 10	15 54	1 48	22 29	14 8	20 6	19 52	14 28	8 40	5 19
M21	23 23	15 15	2 11	20 36	2 9	23 41	1 4	2 54	2 22	7 5	1 17	22 25	1 1	19 23	0 10	15 54	1 48	22 30	14 8	20 6	19 53	14 26	8 39	5 18
T 22	23 20	11 3	3 19	20 56	1 57	23 34	1 6	3 10	2 22	7 7	1 18	22 25	1 1	19 23	0 10	15 54	1 48	22 30	14 8	20 6	19 53	14 24	8 37	5 18
W23	23 17	6 16	4 13	21 17	1 44	23 26	1 7	3 25	2 23	7 10	1 18	22 25	1 1	19 22	0 10	15 54	1 48	22 31	14 9	20 6	19 54	14 23	8 35	5 17
T 24	23 13	1 15	4 51	21 37	1 31	23 17	1 9	3 40	2 23	7 13	1 18	22 25	1 1	19 22	0 10	15 54	1 48	22 31	14 9	20 5	19 55	14 21	8 34	5 17
F 25	23 9	3s44	5 12	21 56	1 18	23 8	1 11	3 54	2 23	7 16	1 18	22 25	1 1	19 21	0 10	15 53	1 48	22 32	14 9	20 6	19 55	14 20	8 32	5 16
S 26	23 5	8 27	5 14	22 15	1 5	22 58	1 12	4 9	2 24	7 18	1 18	22 25	1 1	19 21	0 10	15 53	1 48	22 32	14 9	20 6	19 56	14 18	8 30	5 16
S 27	23 0	12 40	5 0	22 33	0 52	22 47	1 13	4 24	2 24	7 21	1 19	22 24	1 1	19 21	0 10	15 53	1 48	22 33	14 10	20 6	19 57	14 16	8 29	5 15
M28	22 55	16 12	4 30	22 49	0 39	22 36	1 15	4 39	2 25	7 23	1 19	22 24	1 0	19 20	0 10	15 53	1 48	22 33	14 10	20 7	19 57	14 15	8 27	5 15
T 29	22 49	18 54	3 46	23 4	0 26	22 24	1 16	4 53	2 25	7 26	1 19	22 24	1 0	19 20	0 10	15 53	1 48	22 34	14 10	20 7	19 58	14 13	8 25	5 14
W30	22n43	20s37	2n53	23n18	0s14	22n11	1n17	5n 7	2s25	7n28	1s19	22s24	1n 0	19s20	0n10	15s53	1n48	22s34	14s11	20n 8	19n59	14s12	8n23	5s14

Julian Day Number = 2200051.5, Delta T = 10m07s
Ecliptic obliquity = 23°31'38, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°08'12, Lahiri = 14°15'12 Julian Calendar 1 June 1311 == Greg. Calendar 9 June 1311

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ASTRODIENST EPHEMERIS for the year 1311
geocentric

JULY 1311 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	19 4 34	15♋39'05	9♉44	1♋32	27♋48	19♈22	22♈22	24°R19	26°R40	19°R14	5°R41	0°R25	1♌ 5	28♒51	24♌52	T 1
F 2	19 8 31	16°36'18	21°57	3°27	29° 2	20° 0	22°28	24♐15	26♏39	19♏13	5♓40	0♌24	1° 1	28°58	24°59	F 2
S 3	19 12 28	17°33'32	4♒ 0	5°24	0♌16	20°39	22°35	24°12	26°37	19°12	5°39	0°D24	0°58	29° 4	25° 7	S 3
S 4	19 16 24	18°30'46	15°56	7°23	1°30	21°17	22°41	24° 8	26°36	19°12	5°39	0°24	0°55	29°11	25°14	S 4
M 5	19 20 21	19°28'01	27°47	9°25	2°43	21°54	22°47	24° 4	26°35	19°11	5°38	0°25	0°52	29°18	25°21	M 5
T 6	19 24 17	20°25'16	9♓35	11°28	3°57	22°32	22°53	24° 0	26°34	19°11	5°37	0°26	0°49	29°24	25°29	T 6
W 7	19 28 14	21°22'32	21°26	13°32	5°11	23°10	22°59	23°57	26°33	19°10	5°36	0°27	0°46	29°31	25°36	W 7
T 8	19 32 10	22°19'50	3♈21	15°38	6°24	23°47	23° 4	23°53	26°32	19°10	5°35	0°28	0°42	29°38	25°43	T 8
F 9	19 36 7	23°17'08	15°27	17°44	7°38	24°24	23°10	23°49	26°31	19° 9	5°35	0°28	0°39	29°44	25°51	F 9
S 10	19 40 3	24°14'27	27°47	19°50	8°52	25° 1	23°15	23°46	26°30	19° 9	5°34	0°R28	0°36	29°51	25°58	S 10
S 11	19 44 0	25°11'47	10♉26	21°57	10° 6	25°38	23°20	23°42	26°29	19° 8	5°33	0°28	0°33	29°58	26° 6	S 11
M12	19 47 57	26° 9'09	23°27	24° 3	11°19	26°15	23°25	23°39	26°28	19° 8	5°32	0°28	0°30	0♓ 4	26°13	M12
T 13	19 51 53	27° 6'31	6♊53	26° 9	12°33	26°51	23°30	23°36	26°27	19° 7	5°31	0°28	0°27	0°11	26°21	T 13
W14	19 55 50	28° 3'55	20°45	28°15	13°47	27°27	23°35	23°32	26°26	19° 7	5°30	0°27	0°23	0°18	26°29	W14
T 15	19 59 46	29° 1'20	5♋ 3	0♌19	15° 1	28° 3	23°39	23°29	26°26	19° 7	5°29	0°27	0°20	0°24	26°36	T 15
F 16	20 3 43	29°58'45	19°41	2°23	16°14	28°39	23°43	23°26	26°25	19° 6	5°28	0°D27	0°17	0°31	26°44	F 16
S 17	20 7 39	0♌56'12	4♌35	4°25	17°28	29°14	23°47	23°23	26°24	19° 6	5°27	0°R27	0°14	0°38	26°52	S 17
S 18	20 11 36	1°53'40	19°37	6°27	18°42	29°49	23°51	23°20	26°24	19° 6	5°26	0°27	0°11	0°44	27° 0	S 18
M19	20 15 33	2°51'09	4♍37	8°27	19°55	0♉24	23°55	23°17	26°23	19° 6	5°25	0°27	0° 7	0°51	27° 8	M19
T 20	20 19 29	3°48'38	19°29	10°25	21° 9	0°59	23°58	23°14	26°23	19° 6	5°24	0°26	0° 4	0°58	27°16	T 20
W21	20 23 26	4°46'08	4♎ 5	12°22	22°23	1°34	24° 2	23°12	26°22	19° 5	5°23	0°26	0° 1	1° 4	27°24	W21
T 22	20 27 22	5°43'39	18°20	14°18	23°36	2° 8	24° 5	23° 9	26°22	19° 5	5°22	0°26	29♋58	1°11	27°31	T 22
F 23	20 31 19	6°41'11	2♏14	16°12	24°50	2°42	24° 8	23° 6	26°22	19° 5	5°21	0°D25	29°55	1°18	27°39	F 23
S 24	20 35 15	7°38'44	15°44	18° 5	26° 4	3°15	24°11	23° 4	26°21	19°D 5	5°20	0°26	29°52	1°24	27°47	S 24
S 25	20 39 12	8°36'18	28°54	19°56	27°18	3°49	24°13	23° 1	26°21	19° 5	5°19	0°26	29°48	1°31	27°55	S 25
M26	20 43 8	9°33'53	11♐44	21°46	28°31	4°22	24°16	22°59	26°21	19° 5	5°18	0°27	29°45	1°38	28° 4	M26
T 27	20 47 5	10°31'29	24°18	23°34	29°45	4°55	24°18	22°57	26°21	19° 5	5°17	0°28	29°42	1°44	28°12	T 27
W28	20 51 1	11°29'05	6♑38	25°21	0♍59	5°28	24°20	22°55	26°21	19° 5	5°16	0°29	29°39	1°51	28°20	W28
T 29	20 54 58	12°26'43	18°48	27° 6	2°12	6° 0	24°22	22°53	26°D21	19° 6	5°14	0°29	29°36	1°58	28°28	T 29
F 30	20 58 55	13°24'23	0♒49	28°50	3°26	6°32	24°23	22°51	26°21	19° 6	5°13	0°R30	29°32	2° 4	28°36	F 30
S 31	21 2 51	14♌22'03	12♒44	0♍32	4♍39	7♉ 4	24♈25	22♐49	26♏21	19♏ 6	5♓12	0♌29	29♋29	2♓11	28♌44	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n36	21s18	1n52	23n29	0s 2	21n58	1n19	5n22	2s25	7n30	1s20	22s24	1n 0	19s20	0n10	15s52	1n47	22s35	14s11	20n 8	20n 0	14s10	8n21	5s13
F 2	22 29	20 58	0 47	23 39	0n10	21 44	1 20	5 36	2 26	7 32	1 20	22 24	1 0	19 19	0 10	15 52	1 47	22 36	14 11	20 8	20 0	14 8	8 19	5 13
S 3	22 22	19 39	0s20	23 46	0 21	21 29	1 21	5 50	2 26	7 35	1 20	22 24	1 0	19 19	0 10	15 52	1 47	22 36	14 12	20 8	20 1	14 7	8 17	5 12
S 4	22 15	17 28	1 25	23 51	0 32	21 14	1 22	6 4	2 26	7 37	1 20	22 24	1 0	19 19	0 10	15 52	1 47	22 37	14 12	20 8	20 2	14 5	8 16	5 12
M 5	22 7	14 34	2 26	23 53	0 42	20 58	1 23	6 18	2 27	7 39	1 21	22 24	1 0	19 18	0 10	15 52	1 47	22 37	14 12	20 8	20 2	14 4	8 14	5 11
T 6	21 58	11 6	3 21	23 53	0 52	20 42	1 24	6 32	2 27	7 41	1 21	22 24	0 59	19 18	0 10	15 52	1 47	22 38	14 12	20 8	20 3	14 2	8 12	5 11
W 7	21 49	7 11	4 7	23 50	1 0	20 25	1 25	6 45	2 27	7 43	1 21	22 24	0 59	19 18	0 10	15 52	1 47	22 38	14 13	20 8	20 4	14 0	8 10	5 11
T 8	21 40	2 59	4 43	23 44	1 8	20 7	1 25	6 59	2 27	7 45	1 21	22 24	0 59	19 18	0 10	15 52	1 47	22 39	14 13	20 7	20 4	13 59	8 7	5 10
F 9	21 31	1n23	5 7	23 36	1 16	19 49	1 26	7 12	2 27	7 46	1 21	22 24	0 59	19 17	0 10	15 52	1 47	22 39	14 13	20 7	20 5	13 57	8 5	5 10
S 10	21 21	5 47	5 17	23 25	1 22	19 30	1 27	7 26	2 28	7 48	1 22	22 24	0 59	19 17	0 9	15 51	1 47	22 40	14 13	20 7	20 6	13 55	8 3	5 9
S 11	21 10	10 3	5 13	23 11	1 28	19 11	1 27	7 39	2 28	7 50	1 22	22 24	0 59	19 17	0 9	15 51	1 47	22 41	14 14	20 7	20 6	13 54	8 1	5 9
M12	21 0	13 59	4 52	22 54	1 33	18 51	1 28	7 52	2 28	7 51	1 22	22 24	0 59	19 17	0 9	15 51	1 47	22 41	14 14	20 8	20 7	13 52	7 59	5 8
T 13	20 49	17 20	4 16	22 35	1 37	18 31	1 28	8 5	2 28	7 53	1 22	22 24	0 59	19 17	0 9	15 51	1 47	22 42	14 14	20 8	20 8	13 50	7 57	5 8
W14	20 37	19 50	3 23	22 14	1 41	18 10	1 29	8 18	2 28	7 54	1 23	22 24	0 58	19 17	0 9	15 51	1 47	22 42	14 14	20 8	20 8	13 49	7 55	5 8
T 15	20 26	21 9	2 17	21 50	1 43	17 49	1 29	8 31	2 28	7 56	1 23	22 24	0 58	19 16	0 9	15 51	1 47	22 43	14 15	20 8	20 9	13 47	7 52	5 7
F 16	20 14	21 6	0 59	21 25	1 45	17 27	1 29	8 43	2 28	7 57	1 23	22 24	0 58	19 16	0 9	15 51	1 47	22 44	14 15	20 8	20 10	13 45	7 50	5 7
S 17	20 1	19 33	0n23	20 57	1 46	17 5	1 30	8 56	2 29	7 58	1 23	22 24	0 58	19 16	0 9	15 51	1 47	22 44	14 15	20 8	20 11	13 44	7 48	5 6
S 18	19 49	16 39	1 45	20 27	1 47	16 42	1 30	9 8	2 29	8 0	1 24	22 24	0 58	19 16	0 9	15 51	1 46	22 45	14 15	20 8	20 11	13 42	7 46	5 6
M19	19 36	12 37	2 59	19 56	1 47	16 19	1 30	9 20	2 29	8 1	1 24	22 24	0 58	19 16	0 9	15 51	1 46	22 45	14 16	20 8	20 12	13 40	7 43	5 6
T 20	19 22	7 51	4 0	19 24	1 46	15 55	1 30	9 32	2 29	8 2	1 24	22 24	0 58	19 16	0 9	15 51	1 46	22 46	14 16	20 8	20 13	13 39	7 41	5 5
W21	19 9	2 44	4 45	18 49	1 45	15 31	1 30	9 44	2 29	8 3	1 24	22 24	0 57	19 16	0 9	15 51	1 46	22 46	14 16	20 8	20 13	13 37	7 39	5 5
T 22	18 55	2s26	5 11	18 14	1 43	15 7	1 30	9 56	2 29	8 4	1 25	22 24	0 57	19 16	0 9	15 51	1 46	22 47	14 16	20 8	20 14	13 35	7 36	5 5
F 23	18 40	7 19	5 17	17 38	1 40	14 42	1 29	10 8	2 29	8 5	1 25	22 24	0 57	19 16	0 9	15 51	1 46	22 48	14 16	20 8	20 15	13 34	7 34	5 4
S 24	18 26	11 43	5 6	17 0	1 37	14 16	1 29	10 19	2 29	8 5	1 25	22 24	0 57	19 16	0 9	15 51	1 46	22 48	14 17	20 8	20 15	13 32	7 31	5 4
S 25	18 11	15 27	4 39	16 22	1 34	13 51	1 29	10 30	2 29	8 6	1 25	22 24	0 57	19 16	0 9	15 51	1 46	22 49	14 17	20 8	20 16	13 30	7 29	5 4
M26	17 55	18 20	3 59	15 43	1 30	13 25	1 28	10 42	2 28	8 7	1 26	22 24	0 57	19 16	0 9	15 52	1 46	22 49	14 17	20 8	20 17	13 29	7 27	5 3
T 27	17 40	20 17	3 8	15 3	1 25	12 58	1 28	10 53	2 28	8 7	1 26	22 24	0 56	19 16	0 9	15 52	1 46	22 50	14 17	20 8	20 17	13 27	7 24	5 3
W28	17 24	21 13	2 8	14 23	1 20	12 32	1 27	11 4	2 28	8 8	1 26	22 24	0 56	19 16	0 9	15 52	1 46	22 51	14 17	20 7	20 18	13 25	7 22	5 3
T 29	17 8	21 8	1 4	13 42	1 15	12 5	1 27	11 14	2 28	8 8	1 26	22 24	0 56	19 16	0 9	15 52	1 46	22 51	14 18	20 7	20 19	13 23	7 19	5 3
F 30	16 52	20 5	0s 2	13 1	1 10	11 37	1 26	11 25	2 28	8 9	1 27	22 24	0 56	19 16	0 9	15 52	1 46	22 52	14 18	20 7	20 19	13 22	7 17	5 2
S 31	16n35	18s 8	1s 7	12n19	1n 4	11n10	1n25	11n35	2s28	8n 9	1s27	22s24	0n56	19s16	0n 9	15s52	1n46	22s52	14s18	20n 7	20n20	13s20	7n14	5s 2

Julian Day Number = 2200081.5, Delta T = 10m06s
Ecliptic obliquity = 23°31'38, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°08'16, Lahiri = 14°15'16 Julian Calendar 1 July 1311 == Greg. Calendar 9 July 1311

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ASTRODIENST EPHEMERIS for the year 1311
geocentric

AUGUST 1311 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	21 6 48	15♌19'45	24♒35	2♍13	5♍53	7♉35	24♈26	22°R47	26♏21	19♏ 6	5°R11	0°R28	29♋26	2♓18	28♌52	S 1
M 2	21 10 44	16°17'28	6♓24	3°53	7° 7	8° 6	24°27	22♐45	26°21	19° 6	5♓10	0♌26	29°23	2°24	29° 1	M 2
T 3	21 14 41	17°15'13	18°14	5°31	8°20	8°37	24°28	22°43	26°21	19° 7	5° 9	0°24	29°20	2°31	29° 9	T 3
W 4	21 18 37	18°12'59	0♈ 6	7° 8	9°34	9° 8	24°29	22°42	26°22	19° 7	5° 8	0°21	29°17	2°38	29°17	W 4
T 5	21 22 34	19°10'47	12° 4	8°43	10°47	9°38	24°29	22°40	26°22	19° 7	5° 6	0°18	29°13	2°44	29°25	T 5
F 6	21 26 30	20° 8'36	24°11	10°17	12° 1	10° 7	24°29	22°39	26°22	19° 8	5° 5	0°16	29°10	2°51	29°34	F 6
S 7	21 30 27	21° 6'28	6♉31	11°49	13°15	10°37	24°R29	22°38	26°23	19° 8	5° 4	0°14	29° 7	2°58	29°42	S 7
S 8	21 34 24	22° 4'21	19° 6	13°20	14°28	11° 6	24°29	22°36	26°23	19° 9	5° 3	0°D14	29° 4	3° 4	29°50	S 8
M 9	21 38 20	23° 2'16	2♊ 2	14°50	15°42	11°35	24°29	22°35	26°24	19° 9	5° 2	0°14	29° 1	3°11	29°59	M 9
T 10	21 42 17	24° 0'13	15°21	16°18	16°55	12° 3	24°28	22°34	26°25	19°10	5° 0	0°15	28°58	3°18	0♍ 7	T 10
W11	21 46 13	24°58'12	29° 6	17°45	18° 9	12°31	24°27	22°33	26°25	19°10	4°59	0°16	28°54	3°24	0°15	W11
T 12	21 50 10	25°56'13	13♋18	19°11	19°22	12°59	24°27	22°32	26°26	19°11	4°58	0°18	28°51	3°31	0°24	T 12
F 13	21 54 6	26°54'16	27°54	20°35	20°36	13°26	24°25	22°32	26°27	19°11	4°57	0°R18	28°48	3°38	0°32	F 13
S 14	21 58 3	27°52'20	12♌51	21°57	21°49	13°52	24°24	22°31	26°28	19°12	4°55	0°18	28°45	3°44	0°40	S 14
S 15	22 1 59	28°50'26	28° 2	23°18	23° 3	14°19	24°22	22°31	26°28	19°13	4°54	0°16	28°42	3°51	0°49	S 15
M16	22 5 56	29°48'34	13♍16	24°38	24°16	14°44	24°21	22°30	26°29	19°13	4°53	0°13	28°38	3°58	0°57	M16
T 17	22 9 53	0♍46'44	28°24	25°55	25°30	15°10	24°19	22°30	26°30	19°14	4°52	0° 9	28°35	4° 4	1° 6	T 17
W18	22 13 49	1°44'55	13♎16	27°12	26°43	15°35	24°17	22°29	26°31	19°15	4°50	0° 4	28°32	4°11	1°14	W18
T 19	22 17 46	2°43'07	27°45	28°26	27°57	15°59	24°14	22°29	26°32	19°16	4°49	0° 0	28°29	4°18	1°22	T 19
F 20	22 21 42	3°41'22	11♏48	29°39	29°10	16°23	24°12	22°D29	26°33	19°17	4°48	29♋57	28°26	4°24	1°31	F 20
S 21	22 25 39	4°39'37	25°23	0♎50	0♎24	16°47	24° 9	22°29	26°35	19°18	4°47	29°55	28°23	4°31	1°39	S 21
S 22	22 29 35	5°37'55	8♐31	1°59	1°37	17°10	24° 6	22°29	26°36	19°18	4°45	29°D55	28°19	4°38	1°47	S 22
M23	22 33 32	6°36'14	21°16	3° 6	2°50	17°32	24° 3	22°30	26°37	19°19	4°44	29°56	28°16	4°44	1°56	M23
T 24	22 37 28	7°34'34	3♑42	4°10	4° 4	17°54	24° 0	22°30	26°38	19°20	4°43	29°57	28°13	4°51	2° 4	T 24
W25	22 41 25	8°32'56	15°53	5°13	5°17	18°16	23°56	22°30	26°40	19°21	4°42	29°59	28°10	4°58	2°13	W25
T 26	22 45 22	9°31'20	27°53	6°13	6°30	18°37	23°52	22°31	26°41	19°22	4°40	29°R59	28° 7	5° 4	2°21	T 26
F 27	22 49 18	10°29'45	9♒46	7°10	7°44	18°57	23°49	22°32	26°43	19°23	4°39	29°59	28° 4	5°11	2°29	F 27
S 28	22 53 15	11°28'13	21°36	8° 4	8°57	19°17	23°45	22°32	26°44	19°24	4°38	29°57	28° 0	5°18	2°38	S 28
S 29	22 57 11	12°26'42	3♓24	8°56	10°10	19°36	23°40	22°33	26°46	19°26	4°37	29°53	27°57	5°24	2°46	S 29
M30	23 1 8	13°25'13	15°15	9°44	11°24	19°55	23°36	22°34	26°47	19°27	4°35	29°46	27°54	5°31	2°54	M30
T 31	23 5 4	14♍23'45	27♓ 8	10♎29	12♎37	20♉13	23♈31	22♐35	26♏49	19♏28	4♓34	29♋39	27♋51	5♓38	3♍ 3	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	16n18	15s25	2s 9	11n37	0n58	10n42	1n24	11n46	2s28	8n 9	1s27	22s24	0n56	19s16	0n 9	15s52	1n46	22s53	14s18	20n 7	20n21	13s18	7n12	5s 2
M 2	16 1	12 4	3 6	10 55	0 51	10 13	1 23	11 56	2 28	8 9	1 27	22 24	0 56	19 16	0 9	15 52	1 46	22 53	14 18	20 8	20 21	13 17	7 9	5 1
T 3	15 43	8 16	3 54	10 13	0 44	9 45	1 23	12 6	2 27	8 9	1 28	22 24	0 55	19 16	0 9	15 52	1 45	22 54	14 18	20 8	20 22	13 15	7 6	5 1
W 4	15 26	4 8	4 33	9 30	0 37	9 16	1 21	12 16	2 27	8 9	1 28	22 24	0 55	19 16	0 9	15 53	1 45	22 55	14 18	20 9	20 23	13 13	7 4	5 1
T 5	15 8	0n12	5 0	8 48	0 30	8 47	1 20	12 26	2 27	8 9	1 28	22 24	0 55	19 16	0 9	15 53	1 45	22 55	14 19	20 10	20 23	13 11	7 1	5 1
F 6	14 49	4 33	5 13	8 5	0 23	8 18	1 19	12 35	2 27	8 9	1 28	22 25	0 55	19 16	0 9	15 53	1 45	22 56	14 19	20 10	20 24	13 10	6 58	5 0
S 7	14 31	8 48	5 13	7 23	0 15	7 48	1 18	12 45	2 26	8 9	1 29	22 25	0 55	19 16	0 9	15 53	1 45	22 56	14 19	20 10	20 25	13 8	6 56	5 0
S 8	14 12	12 47	4 58	6 41	0 7	7 19	1 17	12 54	2 26	8 9	1 29	22 25	0 55	19 16	0 9	15 53	1 45	22 57	14 19	20 11	20 25	13 6	6 53	5 0
M 9	13 53	16 16	4 28	5 59	0s 1	6 49	1 15	13 3	2 26	8 8	1 29	22 25	0 54	19 16	0 9	15 53	1 45	22 57	14 19	20 11	20 26	13 4	6 50	5 0
T 10	13 34	19 2	3 43	5 17	0 9	6 19	1 14	13 12	2 25	8 8	1 29	22 25	0 54	19 17	0 9	15 54	1 45	22 58	14 19	20 10	20 27	13 3	6 48	5 0
W11	13 15	20 48	2 43	4 36	0 17	5 49	1 12	13 21	2 25	8 7	1 30	22 25	0 54	19 17	0 9	15 54	1 45	22 59	14 19	20 10	20 27	13 1	6 45	4 59
T 12	12 55	21 20	1 32	3 54	0 26	5 18	1 11	13 30	2 24	8 7	1 30	22 25	0 54	19 17	0 9	15 54	1 45	22 59	14 19	20 10	20 28	12 59	6 42	4 59
F 13	12 35	20 26	0 13	3 13	0 34	4 48	1 9	13 38	2 24	8 6	1 30	22 25	0 54	19 17	0 9	15 54	1 45	23 0	14 19	20 10	20 29	12 57	6 40	4 59
S 14	12 15	18 7	1n 8	2 33	0 43	4 17	1 7	13 47	2 24	8 5	1 30	22 25	0 54	19 17	0 9	15 55	1 45	23 0	14 20	20 10	20 29	12 55	6 37	4 59
S 15	11 55	14 29	2 26	1 53	0 51	3 46	1 6	13 55	2 23	8 5	1 31	22 26	0 53	19 18	0 9	15 55	1 45	23 1	14 20	20 10	20 30	12 54	6 34	4 59
M16	11 35	9 54	3 34	1 13	1 0	3 16	1 4	14 3	2 23	8 4	1 31	22 26	0 53	19 18	0 9	15 55	1 45	23 1	14 20	20 11	20 31	12 52	6 31	4 59
T 17	11 14	4 42	4 26	0 34	1 9	2 45	1 2	14 11	2 22	8 3	1 31	22 26	0 53	19 18	0 9	15 55	1 45	23 2	14 20	20 12	20 31	12 50	6 28	4 58
W18	10 54	0s40	4 59	0s 4	1 18	2 14	1 0	14 18	2 22	8 2	1 31	22 26	0 53	19 18	0 9	15 56	1 45	23 2	14 20	20 13	20 32	12 48	6 26	4 58
T 19	10 33	5 51	5 12	0 42	1 27	1 42	0 58	14 26	2 21	8 1	1 32	22 26	0 53	19 19	0 9	15 56	1 45	23 3	14 20	20 13	20 32	12 47	6 23	4 58
F 20	10 11	10 35	5 6	1 19	1 35	1 11	0 56	14 33	2 20	8 0	1 32	22 26	0 53	19 19	0 9	15 56	1 44	23 3	14 20	20 14	20 33	12 45	6 20	4 58
S 21	9 50	14 36	4 42	1 55	1 44	0 40	0 54	14 41	2 20	7 58	1 32	22 26	0 52	19 19	0 9	15 56	1 44	23 4	14 20	20 14	20 34	12 43	6 17	4 58
S 22	9 29	17 47	4 5	2 31	1 53	0 9	0 52	14 48	2 19	7 57	1 32	22 27	0 52	19 19	0 9	15 57	1 44	23 4	14 20	20 15	20 34	12 41	6 14	4 58
M23	9 7	19 59	3 16	3 6	2 2	0s23	0 50	14 55	2 18	7 56	1 32	22 27	0 52	19 20	0 9	15 57	1 44	23 5	14 20	20 14	20 35	12 39	6 12	4 58
T 24	8 46	21 10	2 19	3 39	2 10	0 54	0 47	15 2	2 18	7 54	1 33	22 27	0 52	19 20	0 9	15 57	1 44	23 5	14 20	20 14	20 36	12 38	6 9	4 58
W25	8 24	21 19	1 16	4 12	2 19	1 25	0 45	15 8	2 17	7 53	1 33	22 27	0 52	19 20	0 9	15 58	1 44	23 6	14 20	20 14	20 36	12 36	6 6	4 57
T 26	8 2	20 28	0 12	4 44	2 27	1 57	0 43	15 15	2 16	7 51	1 33	22 27	0 52	19 21	0 9	15 58	1 44	23 6	14 20	20 14	20 37	12 34	6 3	4 57
F 27	7 40	18 43	0s53	5 14	2 35	2 28	0 40	15 21	2 15	7 50	1 33	22 28	0 52	19 21	0 9	15 58	1 44	23 7	14 20	20 14	20 38	12 32	6 0	4 57
S 28	7 17	16 10	1 55	5 43	2 44	2 59	0 38	15 27	2 15	7 48	1 33	22 28	0 51	19 22	0 9	15 59	1 44	23 7	14 20	20 14	20 38	12 30	5 57	4 57
S 29	6 55	12 57	2 51	6 11	2 51	3 30	0 35	15 33	2 14	7 46	1 34	22 28	0 51	19 22	0 9	15 59	1 44	23 8	14 20	20 15	20 39	12 28	5 54	4 57
M30	6 32	9 13	3 40	6 37	2 59	4 1	0 33	15 39	2 13	7 45	1 34	22 28	0 51	19 22	0 9	15 59	1 44	23 8	14 20	20 16	20 39	12 27	5 51	4 57
T 31	6n10	5s 7	4s20	7s 1	3s 6	4s32	0n30	15n45	2s12	7n43	1s34	22s28	0n51	19s23	0n 9	16s 0	1n44	23s 9	14s20	20n18	20n40	12s25	5n48	4s57

Julian Day Number = 2200112.5, Delta T = 10m06s
Ecliptic obliquity = 23°31'39, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°08'20, Lahiri = 14°15'20 Julian Calendar 1 Aug. 1311 == Greg. Calendar 9 Aug. 1311

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ASTRODIENST EPHEMERIS for the year 1311
geocentric

SEPTEMBER 1311 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	23 9 1	15♍22'20	9♈ 7	11♎11	13♎50	20♉31	23°R27	22♐36	26♏51	19♏29	4°R33	29°R30	27♋48	5♓44	3♍11	W 1
T 2	23 12 57	16°20'57	21°12	11°48	15° 3	20°48	23♈22	22°37	26°52	19°30	4♓32	29♋21	27°44	5°51	3°19	T 2
F 3	23 16 54	17°19'36	3♉25	12°21	16°17	21° 4	23°17	22°39	26°54	19°32	4°31	29°13	27°41	5°58	3°27	F 3
S 4	23 20 50	18°18'17	15°49	12°49	17°30	21°20	23°11	22°40	26°56	19°33	4°29	29° 7	27°38	6° 4	3°36	S 4
S 5	23 24 47	19°17'01	28°27	13°12	18°43	21°35	23° 6	22°42	26°58	19°34	4°28	29° 3	27°35	6°11	3°44	S 5
M 6	23 28 44	20°15'47	11♊20	13°30	19°56	21°49	23° 0	22°43	27° 0	19°35	4°27	29° 1	27°32	6°18	3°52	M 6
T 7	23 32 40	21°14'35	24°33	13°43	21° 9	22° 3	22°55	22°45	27° 2	19°37	4°26	29°D 0	27°29	6°24	4° 0	T 7
W 8	23 36 37	22°13'26	8♋ 8	13°R49	22°22	22°15	22°49	22°47	27° 4	19°38	4°25	29° 1	27°25	6°31	4° 9	W 8
T 9	23 40 33	23°12'19	22° 7	13°48	23°35	22°28	22°43	22°48	27° 6	19°40	4°23	29°R 2	27°22	6°38	4°17	T 9
F 10	23 44 30	24°11'14	6♌30	13°41	24°49	22°39	22°37	22°50	27° 8	19°41	4°22	29° 2	27°19	6°45	4°25	F 10
S 11	23 48 26	25°10'11	21°16	13°26	26° 2	22°50	22°30	22°52	27°10	19°43	4°21	29° 0	27°16	6°51	4°33	S 11
S 12	23 52 23	26° 9'11	6♍19	13° 4	27°15	23° 0	22°24	22°55	27°12	19°44	4°20	28°56	27°13	6°58	4°41	S 12
M13	23 56 19	27° 8'13	21°30	12°34	28°28	23° 9	22°17	22°57	27°15	19°46	4°19	28°49	27° 9	7° 5	4°49	M13
T 14	0 0 16	28° 7'17	6♎41	11°57	29°41	23°17	22°10	22°59	27°17	19°47	4°18	28°40	27° 6	7°11	4°57	T 14
W15	0 4 13	29° 6'22	21°40	11°12	0♏54	23°25	22° 4	23° 2	27°19	19°49	4°17	28°31	27° 3	7°18	5° 5	W15
T 16	0 8 9	0♎ 5'30	6♏18	10°20	2° 7	23°32	21°57	23° 4	27°22	19°50	4°15	28°22	27° 0	7°25	5°13	T 16
F 17	0 12 6	1° 4'40	20°29	9°22	3°20	23°38	21°50	23° 7	27°24	19°52	4°14	28°14	26°57	7°31	5°21	F 17
S 18	0 16 2	2° 3'52	4♐11	8°18	4°33	23°43	21°42	23°10	27°26	19°53	4°13	28° 9	26°54	7°38	5°29	S 18
S 19	0 19 59	3° 3'05	17°24	7°11	5°45	23°47	21°35	23°12	27°29	19°55	4°12	28° 5	26°50	7°45	5°37	S 19
M20	0 23 55	4° 2'21	0♑11	6° 1	6°58	23°51	21°28	23°15	27°31	19°57	4°11	28°D 4	26°47	7°51	5°45	M20
T 21	0 27 52	5° 1'38	12°35	4°50	8°11	23°53	21°20	23°18	27°34	19°59	4°10	28° 4	26°44	7°58	5°53	T 21
W22	0 31 48	6° 0'57	24°43	3°40	9°24	23°55	21°13	23°21	27°36	20° 0	4° 9	28°R 5	26°41	8° 5	6° 0	W22
T 23	0 35 45	7° 0'18	6♒40	2°34	10°37	23°56	21° 5	23°24	27°39	20° 2	4° 8	28° 4	26°38	8°11	6° 8	T 23
F 24	0 39 42	7°59'40	18°30	1°32	11°50	23°R56	20°57	23°28	27°42	20° 4	4° 7	28° 2	26°35	8°18	6°16	F 24
S 25	0 43 38	8°59'04	0♓18	0°38	13° 2	23°55	20°50	23°31	27°44	20° 6	4° 6	27°58	26°31	8°25	6°23	S 25
S 26	0 47 35	9°58'31	12° 8	29♍51	14°15	23°53	20°42	23°34	27°47	20° 7	4° 5	27°50	26°28	8°31	6°31	S 26
M27	0 51 31	10°57'59	24° 2	29°15	15°28	23°51	20°34	23°38	27°50	20° 9	4° 4	27°40	26°25	8°38	6°38	M27
T 28	0 55 28	11°57'29	6♈ 2	28°48	16°40	23°47	20°26	23°42	27°53	20°11	4° 3	27°28	26°22	8°45	6°46	T 28
W29	0 59 24	12°57'01	18°11	28°33	17°53	23°43	20°18	23°45	27°56	20°13	4° 2	27°15	26°19	8°51	6°53	W29
T 30	1 3 21	13♎56'36	0♉28	28°D29	19♏ 6	23♉38	20♈10	23♐49	27♏59	20♏15	4♓ 1	27♋ 1	26♋15	8♓58	7♍ 1	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	5n47	0s48	4s48	7s24	3s13	5s 3	0n27	15n50	2s11	7n41	1s34	22s29	0n51	19s23	0n 9	16s 0	1n44	23s 9	14s20	20n20	20n41	12s23	5n46	4s57
T 2	5 24	3n36	5 4	7 44	3 19	5 34	0 25	15 56	2 10	7 39	1 34	22 29	0 51	19 24	0 9	16 0	1 44	23 9	14 20	20 22	20 41	12 21	5 43	4 57
F 3	5 1	7 54	5 7	8 3	3 25	6 5	0 22	16 1	2 9	7 37	1 35	22 29	0 50	19 24	0 9	16 1	1 44	23 10	14 20	20 23	20 42	12 19	5 40	4 57
S 4	4 38	11 56	4 55	8 19	3 31	6 36	0 19	16 6	2 8	7 35	1 35	22 29	0 50	19 24	0 9	16 1	1 44	23 10	14 20	20 25	20 43	12 17	5 37	4 57
S 5	4 15	15 32	4 28	8 32	3 36	7 6	0 16	16 11	2 7	7 32	1 35	22 30	0 50	19 25	0 9	16 2	1 44	23 11	14 20	20 26	20 43	12 16	5 34	4 57
M 6	3 52	18 28	3 48	8 43	3 40	7 37	0 14	16 16	2 6	7 30	1 35	22 30	0 50	19 25	0 8	16 2	1 43	23 11	14 20	20 26	20 44	12 14	5 31	4 57
T 7	3 29	20 31	2 54	8 51	3 43	8 7	0 11	16 20	2 5	7 28	1 35	22 30	0 50	19 26	0 8	16 3	1 43	23 11	14 20	20 26	20 45	12 12	5 28	4 57
W 8	3 6	21 27	1 50	8 56	3 46	8 37	0 8	16 25	2 3	7 26	1 35	22 30	0 50	19 26	0 8	16 3	1 43	23 12	14 19	20 26	20 45	12 10	5 25	4 57
T 9	2 42	21 6	0 37	8 57	3 47	9 7	0 5	16 29	2 2	7 23	1 35	22 31	0 49	19 27	0 8	16 3	1 43	23 12	14 19	20 26	20 46	12 8	5 22	4 57
F 10	2 19	19 22	0n40	8 54	3 47	9 37	0 2	16 33	2 1	7 21	1 36	22 31	0 49	19 27	0 8	16 4	1 43	23 13	14 19	20 26	20 46	12 6	5 19	4 57
S 11	1 56	16 18	1 56	8 47	3 46	10 6	0s 1	16 37	2 0	7 18	1 36	22 31	0 49	19 28	0 8	16 4	1 43	23 13	14 19	20 26	20 47	12 4	5 16	4 57
S 12	1 32	12 6	3 6	8 36	3 44	10 35	0 4	16 41	1 58	7 16	1 36	22 31	0 49	19 28	0 8	16 5	1 43	23 13	14 19	20 27	20 48	12 3	5 13	4 57
M13	1 9	7 6	4 3	8 21	3 40	11 5	0 7	16 45	1 57	7 13	1 36	22 32	0 49	19 29	0 8	16 5	1 43	23 14	14 19	20 28	20 48	12 1	5 10	4 57
T 14	0 45	1 40	4 42	8 1	3 34	11 33	0 10	16 48	1 55	7 11	1 36	22 32	0 49	19 29	0 8	16 6	1 43	23 14	14 19	20 30	20 49	11 59	5 7	4 57
W15	0 21	3s48	5 2	7 36	3 26	12 2	0 13	16 51	1 54	7 8	1 36	22 32	0 49	19 30	0 8	16 6	1 43	23 14	14 19	20 32	20 50	11 57	5 4	4 57
T 16	0s 2	8 55	5 1	7 7	3 17	12 30	0 16	16 55	1 52	7 5	1 36	22 32	0 48	19 30	0 8	16 7	1 43	23 15	14 19	20 34	20 50	11 55	5 1	4 57
F 17	0 26	13 24	4 42	6 34	3 5	12 58	0 19	16 58	1 51	7 3	1 36	22 33	0 48	19 31	0 8	16 7	1 43	23 15	14 19	20 35	20 51	11 53	4 59	4 57
S 18	0 49	17 1	4 7	5 56	2 52	13 26	0 22	17 1	1 49	7 0	1 36	22 33	0 48	19 32	0 8	16 7	1 43	23 15	14 18	20 37	20 51	11 51	4 56	4 57
S 19	1 13	19 37	3 19	5 16	2 37	13 53	0 25	17 3	1 47	6 57	1 37	22 33	0 48	19 32	0 8	16 8	1 43	23 15	14 18	20 37	20 52	11 49	4 53	4 57
M20	1 37	21 9	2 23	4 33	2 20	14 20	0 29	17 6	1 46	6 54	1 37	22 34	0 48	19 33	0 8	16 8	1 43	23 16	14 18	20 37	20 53	11 48	4 50	4 57
T 21	2 0	21 34	1 22	3 48	2 2	14 47	0 32	17 8	1 44	6 51	1 37	22 34	0 48	19 33	0 8	16 9	1 43	23 16	14 18	20 37	20 53	11 46	4 47	4 57
W22	2 24	20 58	0 18	3 2	1 43	15 14	0 35	17 10	1 42	6 49	1 37	22 34	0 47	19 34	0 8	16 9	1 43	23 16	14 18	20 37	20 54	11 44	4 44	4 57
T 23	2 47	19 25	0s46	2 17	1 23	15 40	0 38	17 12	1 40	6 46	1 37	22 35	0 47	19 35	0 8	16 10	1 43	23 17	14 18	20 37	20 54	11 42	4 41	4 58
F 24	3 11	17 1	1 46	1 34	1 2	16 5	0 41	17 14	1 38	6 43	1 37	22 35	0 47	19 35	0 8	16 10	1 43	23 17	14 18	20 38	20 55	11 40	4 38	4 58
S 25	3 34	13 56	2 42	0 53	0 42	16 31	0 44	17 16	1 36	6 40	1 37	22 35	0 47	19 36	0 8	16 11	1 43	23 17	14 17	20 39	20 56	11 38	4 35	4 58
S 26	3 58	10 17	3 31	0 16	0 22	16 56	0 47	17 18	1 34	6 37	1 37	22 35	0 47	19 36	0 8	16 12	1 43	23 17	14 17	20 40	20 56	11 36	4 32	4 58
M27	4 21	6 13	4 11	0n16	0 2	17 20	0 50	17 19	1 32	6 34	1 37	22 36	0 47	19 37	0 8	16 12	1 43	23 17	14 17	20 42	20 57	11 34	4 29	4 58
T 28	4 45	1 53	4 40	0 44	0n16	17 44	0 54	17 20	1 30	6 31	1 37	22 36	0 47	19 38	0 8	16 13	1 42	23 18	14 17	20 45	20 57	11 32	4 27	4 58
W29	5 8	2n35	4 57	1 6	0 34	18 8	0 57	17 21	1 28	6 28	1 37	22 36	0 46	19 38	0 8	16 13	1 42	23 18	14 17	20 47	20 58	11 30	4 24	4 58
T 30	5s31	7n 0	5s 0	1n22	0n50	18s31	1s 0	17n22	1s26	6n25	1s37	22s37	0n46	19s39	0n 8	16s14	1n42	23s18	14s16	20n50	20n59	11s28	4n21	4s58

Julian Day Number = 2200143.5, Delta T = 10m06s
Ecliptic obliquity = 23°31'39, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°08'24, Lahiri = 14°15'25 Julian Calendar 1 Sept. 1311 == Greg. Calendar 9 Sept. 1311

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ASTRODIENST EPHEMERIS for the year 1311
geocentric

OCTOBER 1311 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	1 7 17	14♎56'12	12♉54	28♍36	20♏18	23°R31	20°R 2	23♐53	28♏ 1	20♏17	4°R 0	26°R49	26♋12	9♓ 5	7♍ 8	F 1
S 2	1 11 14	15°55'51	25°31	28°53	21°31	23♉24	19♈54	23°57	28° 4	20°19	4♓ 0	26♋38	26° 9	9°11	7°16	S 2
S 3	1 15 11	16°55'32	8♊19	29°21	22°43	23°17	19°46	24° 1	28° 7	20°21	3°59	26°30	26° 6	9°18	7°23	S 3
M 4	1 19 7	17°55'15	21°18	29°58	23°56	23° 8	19°38	24° 5	28°10	20°23	3°58	26°26	26° 3	9°25	7°30	M 4
T 5	1 23 4	18°55'00	4♋33	0♎44	25° 8	22°58	19°29	24° 9	28°13	20°25	3°57	26°23	26° 0	9°31	7°37	T 5
W 6	1 27 0	19°54'48	18° 3	1°38	26°21	22°47	19°21	24°13	28°16	20°27	3°56	26°23	25°56	9°38	7°44	W 6
T 7	1 30 57	20°54'38	1♌52	2°38	27°33	22°36	19°13	24°17	28°20	20°29	3°55	26°23	25°53	9°45	7°51	T 7
F 8	1 34 53	21°54'31	16° 0	3°45	28°45	22°24	19° 5	24°22	28°23	20°31	3°55	26°22	25°50	9°52	7°59	F 8
S 9	1 38 50	22°54'25	0♍27	4°57	29°58	22°11	18°57	24°26	28°26	20°33	3°54	26°19	25°47	9°58	8° 5	S 9
S 10	1 42 46	23°54'22	15°10	6°14	1♐10	21°57	18°49	24°31	28°29	20°35	3°53	26°13	25°44	10° 5	8°12	S 10
M11	1 46 43	24°54'21	0♎ 3	7°35	2°22	21°42	18°41	24°35	28°32	20°37	3°53	26° 5	25°41	10°12	8°19	M11
T 12	1 50 39	25°54'22	14°59	8°59	3°34	21°27	18°33	24°40	28°35	20°39	3°52	25°54	25°37	10°18	8°26	T 12
W13	1 54 36	26°54'25	29°48	10°25	4°47	21°10	18°25	24°45	28°39	20°41	3°51	25°42	25°34	10°25	8°33	W13
T 14	1 58 33	27°54'30	14♏21	11°55	5°59	20°54	18°17	24°49	28°42	20°43	3°51	25°30	25°31	10°32	8°39	T 14
F 15	2 2 29	28°54'37	28°32	13°26	7°11	20°36	18° 9	24°54	28°45	20°45	3°50	25°20	25°28	10°38	8°46	F 15
S 16	2 6 26	29°54'45	12♐17	14°58	8°23	20°18	18° 1	24°59	28°49	20°47	3°49	25°12	25°25	10°45	8°52	S 16
S 17	2 10 22	0♏54'55	25°33	16°32	9°35	19°59	17°53	25° 4	28°52	20°49	3°49	25° 6	25°21	10°52	8°59	S 17
M18	2 14 19	1°55'07	8♑24	18° 7	10°47	19°40	17°46	25° 9	28°55	20°52	3°48	25° 4	25°18	10°58	9° 5	M18
T 19	2 18 15	2°55'21	20°51	19°43	11°59	19°20	17°38	25°15	28°59	20°54	3°48	25°D 3	25°15	11° 5	9°12	T 19
W20	2 22 12	3°55'36	3♒ 1	21°19	13°11	19° 0	17°31	25°20	29° 2	20°56	3°47	25°R 3	25°12	11°12	9°18	W20
T 21	2 26 8	4°55'52	14°59	22°56	14°22	18°39	17°23	25°25	29° 6	20°58	3°47	25° 3	25° 9	11°18	9°24	T 21
F 22	2 30 5	5°56'10	26°49	24°33	15°34	18°18	17°16	25°30	29° 9	21° 0	3°46	25° 1	25° 6	11°25	9°30	F 22
S 23	2 34 2	6°56'29	8♓38	26°10	16°46	17°57	17° 9	25°36	29°12	21° 2	3°46	24°57	25° 2	11°32	9°36	S 23
S 24	2 37 58	7°56'50	20°30	27°47	17°58	17°35	17° 2	25°41	29°16	21° 5	3°45	24°50	24°59	11°38	9°42	S 24
M25	2 41 55	8°57'12	2♈28	29°24	19° 9	17°13	16°55	25°47	29°19	21° 7	3°45	24°40	24°56	11°45	9°48	M25
T 26	2 45 51	9°57'36	14°36	1♏ 1	20°21	16°51	16°48	25°52	29°23	21° 9	3°44	24°29	24°53	11°52	9°54	T 26
W27	2 49 48	10°58'02	26°56	2°38	21°32	16°29	16°41	25°58	29°26	21°11	3°44	24°15	24°50	11°59	9°59	W27
T 28	2 53 44	11°58'29	9♉27	4°15	22°44	16° 7	16°34	26° 4	29°30	21°14	3°44	24° 2	24°46	12° 5	10° 5	T 28
F 29	2 57 41	12°58'57	22°12	5°52	23°55	15°45	16°28	26° 9	29°34	21°16	3°43	23°50	24°43	12°12	10°11	F 29
S 30	3 1 37	13°59'28	5♊ 8	7°28	25° 6	15°23	16°22	26°15	29°37	21°18	3°43	23°39	24°40	12°19	10°16	S 30
S 31	3 5 34	15♏ 0'00	18♊15	9♏ 5	26♐17	15♉ 1	16♈15	26♐21	29♏41	21♏20	3♓43	23♋32	24♋37	12♓25	10♍21	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	5s54	11n11	4s49	1n32	1n 4	18s54	1s 3	17n23	1s23	6n22	1s37	22s37	0n46	19s40	0n 8	16s14	1n42	23s18	14s16	20n52	20n59	11s26	4n18	4s59
S 2	6 17	14 56	4 24	1 37	1 17	19 16	1 6	17 23	1 21	6 19	1 37	22 37	0 46	19 40	0 8	16 15	1 42	23 18	14 16	20 54	21 0	11 24	4 15	4 59
S 3	6 40	18 4	3 45	1 36	1 28	19 38	1 9	17 24	1 19	6 16	1 37	22 38	0 46	19 41	0 8	16 15	1 42	23 18	14 16	20 56	21 0	11 23	4 12	4 59
M 4	7 3	20 21	2 54	1 30	1 38	19 59	1 12	17 24	1 16	6 13	1 37	22 38	0 46	19 42	0 8	16 16	1 42	23 19	14 16	20 57	21 1	11 21	4 9	4 59
T 5	7 26	21 34	1 53	1 19	1 46	20 20	1 15	17 24	1 14	6 10	1 37	22 38	0 46	19 42	0 8	16 16	1 42	23 19	14 15	20 57	21 2	11 19	4 7	4 59
W 6	7 49	21 35	0 44	1 4	1 52	20 40	1 18	17 24	1 11	6 7	1 37	22 39	0 45	19 43	0 8	16 17	1 42	23 19	14 15	20 57	21 2	11 17	4 4	4 59
T 7	8 11	20 17	0n29	0 45	1 58	21 0	1 21	17 23	1 8	6 4	1 37	22 39	0 45	19 44	0 8	16 18	1 42	23 19	14 15	20 57	21 3	11 15	4 1	5 0
F 8	8 34	17 43	1 42	0 22	2 2	21 19	1 24	17 23	1 6	6 1	1 37	22 39	0 45	19 44	0 8	16 18	1 42	23 19	14 15	20 57	21 3	11 13	3 58	5 0
S 9	8 56	14 0	2 50	0s 4	2 4	21 37	1 26	17 22	1 3	5 58	1 37	22 40	0 45	19 45	0 8	16 19	1 42	23 19	14 15	20 58	21 4	11 11	3 56	5 0
S 10	9 19	9 21	3 47	0 33	2 6	21 55	1 29	17 21	1 0	5 55	1 36	22 40	0 45	19 46	0 8	16 19	1 42	23 19	14 14	20 59	21 5	11 9	3 53	5 0
M11	9 41	4 7	4 30	1 5	2 7	22 13	1 32	17 20	0 57	5 52	1 36	22 40	0 45	19 47	0 8	16 20	1 42	23 19	14 14	21 1	21 5	11 7	3 50	5 1
T 12	10 3	1s23	4 55	1 38	2 6	22 30	1 35	17 19	0 55	5 49	1 36	22 41	0 45	19 47	0 8	16 20	1 42	23 19	14 14	21 3	21 6	11 5	3 47	5 1
W13	10 24	6 46	4 59	2 13	2 5	22 46	1 38	17 17	0 52	5 46	1 36	22 41	0 45	19 48	0 8	16 21	1 42	23 19	14 14	21 5	21 6	11 3	3 45	5 1
T 14	10 46	11 41	4 44	2 50	2 4	23 2	1 40	17 16	0 49	5 43	1 36	22 41	0 44	19 49	0 8	16 22	1 42	23 19	14 13	21 7	21 7	11 1	3 42	5 1
F 15	11 8	15 49	4 12	3 28	2 1	23 17	1 43	17 14	0 46	5 40	1 36	22 42	0 44	19 50	0 8	16 22	1 42	23 19	14 13	21 9	21 8	10 59	3 39	5 1
S 16	11 29	18 57	3 26	4 7	1 58	23 31	1 45	17 12	0 43	5 37	1 36	22 42	0 44	19 50	0 8	16 23	1 42	23 19	14 13	21 10	21 8	10 57	3 37	5 2
S 17	11 50	20 58	2 29	4 46	1 54	23 45	1 48	17 10	0 40	5 34	1 36	22 42	0 44	19 51	0 8	16 23	1 42	23 19	14 13	21 11	21 9	10 55	3 34	5 2
M18	12 11	21 49	1 27	5 26	1 50	23 58	1 50	17 8	0 37	5 31	1 36	22 42	0 44	19 52	0 8	16 24	1 42	23 19	14 12	21 12	21 9	10 53	3 31	5 2
T 19	12 32	21 32	0 22	6 7	1 46	24 10	1 53	17 5	0 34	5 29	1 35	22 43	0 44	19 53	0 8	16 24	1 42	23 19	14 12	21 12	21 10	10 51	3 29	5 2
W20	12 52	20 14	0s42	6 47	1 41	24 22	1 55	17 3	0 30	5 26	1 35	22 43	0 44	19 53	0 8	16 25	1 42	23 19	14 12	21 12	21 10	10 49	3 26	5 3
T 21	13 13	18 3	1 44	7 28	1 36	24 33	1 57	17 0	0 27	5 23	1 35	22 43	0 44	19 54	0 8	16 26	1 42	23 19	14 12	21 12	21 11	10 47	3 24	5 3
F 22	13 33	15 7	2 40	8 9	1 30	24 44	2 0	16 57	0 24	5 21	1 35	22 44	0 43	19 55	0 8	16 26	1 42	23 19	14 11	21 12	21 12	10 45	3 21	5 3
S 23	13 53	11 35	3 29	8 50	1 24	24 53	2 2	16 54	0 21	5 18	1 35	22 44	0 43	19 56	0 8	16 27	1 42	23 19	14 11	21 13	21 12	10 43	3 19	5 4
S 24	14 13	7 36	4 9	9 30	1 18	25 2	2 4	16 51	0 18	5 16	1 35	22 44	0 43	19 56	0 8	16 27	1 42	23 19	14 11	21 14	21 13	10 41	3 16	5 4
M25	14 32	3 17	4 39	10 11	1 12	25 11	2 6	16 48	0 15	5 13	1 34	22 45	0 43	19 57	0 8	16 28	1 42	23 19	14 10	21 16	21 13	10 39	3 14	5 4
T 26	14 51	1n13	4 57	10 51	1 6	25 18	2 8	16 45	0 11	5 11	1 34	22 45	0 43	19 58	0 8	16 29	1 42	23 19	14 10	21 18	21 14	10 37	3 11	5 4
W27	15 10	5 44	5 1	11 30	0 59	25 25	2 10	16 42	0 8	5 8	1 34	22 45	0 43	19 59	0 8	16 29	1 42	23 18	14 10	21 21	21 14	10 35	3 9	5 5
T 28	15 29	10 6	4 50	12 9	0 53	25 31	2 12	16 38	0 5	5 6	1 34	22 45	0 43	19 59	0 8	16 30	1 42	23 18	14 10	21 23	21 15	10 33	3 6	5 5
F 29	15 48	14 6	4 26	12 48	0 46	25 37	2 13	16 35	0 2	5 3	1 34	22 46	0 43	20 0	0 8	16 30	1 42	23 18	14 9	21 25	21 16	10 31	3 4	5 5
S 30	16 6	17 31	3 47	13 26	0 40	25 41	2 15	16 32	0n 1	5 1	1 33	22 46	0 42	20 1	0 8	16 31	1 42	23 18	14 9	21 27	21 16	10 29	3 2	5 6
S 31	16s24	20n 6	2s55	14s 3	0n33	25s45	2s17	16n28	0n 4	4n59	1s33	22s46	0n42	20s 2	0n 8	16s32	1n42	23s18	14s 9	21n28	21n17	10s27	2n59	5s 6

Julian Day Number = 2200173.5, Delta T = 10m06s
Ecliptic obliquity = 23°31'40, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°08'28, Lahiri = 14°15'29 Julian Calendar 1 Oct. 1311 == Greg. Calendar 9 Oct. 1311

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ASTRODIENST EPHEMERIS for the year 1311
geocentric

NOVEMBER 1311 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	3 9 31	16♏ 0'34	1♋32	10♏41	27♐29	14°R39	16°R 9	26♐27	29♏44	21♏23	3°R43	23°R27	24♋34	12♓32	10♍27	M 1
T 2	3 13 27	17° 1'09	15° 0	12°17	28°40	14♉17	16♈ 3	26°33	29°48	21°25	3♓42	23♋25	24°31	12°39	10°32	T 2
W 3	3 17 24	18° 1'47	28°38	13°53	29°51	13°55	15°58	26°39	29°52	21°27	3°42	23°D25	24°27	12°45	10°37	W 3
T 4	3 21 20	19° 2'26	12♌28	15°28	1♊ 2	13°34	15°52	26°45	29°55	21°29	3°42	23°R25	24°24	12°52	10°42	T 4
F 5	3 25 17	20° 3'06	26°28	17° 3	2°13	13°13	15°47	26°51	29°59	21°32	3°42	23°25	24°21	12°59	10°47	F 5
S 6	3 29 13	21° 3'49	10♍40	18°39	3°23	12°52	15°41	26°57	0♐ 2	21°34	3°42	23°24	24°18	13° 5	10°52	S 6
S 7	3 33 10	22° 4'33	25° 1	20°14	4°34	12°32	15°36	27° 3	0° 6	21°36	3°42	23°20	24°15	13°12	10°57	S 7
M 8	3 37 6	23° 5'19	9♎29	21°48	5°45	12°12	15°31	27° 9	0°10	21°38	3°42	23°13	24°12	13°19	11° 1	M 8
T 9	3 41 3	24° 6'06	23°58	23°23	6°55	11°53	15°26	27°16	0°13	21°41	3°42	23° 5	24° 8	13°26	11° 6	T 9
W10	3 45 0	25° 6'55	8♏22	24°58	8° 6	11°34	15°22	27°22	0°17	21°43	3°D42	22°55	24° 5	13°32	11°10	W10
T 11	3 48 56	26° 7'45	22°36	26°32	9°16	11°16	15°17	27°28	0°21	21°45	3°42	22°45	24° 2	13°39	11°15	T 11
F 12	3 52 53	27° 8'36	6♐32	28° 6	10°26	10°58	15°13	27°35	0°24	21°47	3°42	22°36	23°59	13°46	11°19	F 12
S 13	3 56 49	28° 9'29	20° 8	29°41	11°36	10°41	15° 9	27°41	0°28	21°50	3°42	22°30	23°56	13°52	11°23	S 13
S 14	4 0 46	29°10'23	3♑21	1♐15	12°46	10°25	15° 5	27°48	0°32	21°52	3°42	22°25	23°52	13°59	11°27	S 14
M15	4 4 42	0♐11'18	16°10	2°49	13°56	10°10	15° 2	27°54	0°36	21°54	3°42	22°23	23°49	14° 6	11°31	M15
T 16	4 8 39	1°12'13	28°40	4°23	15° 6	9°55	14°58	28° 1	0°39	21°56	3°42	22°D23	23°46	14°12	11°35	T 16
W17	4 12 35	2°13'10	10♒52	5°57	16°16	9°41	14°55	28° 7	0°43	21°59	3°42	22°25	23°43	14°19	11°39	W17
T 18	4 16 32	3°14'07	22°51	7°31	17°26	9°27	14°52	28°14	0°47	22° 1	3°42	22°26	23°40	14°26	11°43	T 18
F 19	4 20 29	4°15'05	4♓44	9° 5	18°35	9°15	14°49	28°21	0°50	22° 3	3°43	22°R26	23°37	14°32	11°46	F 19
S 20	4 24 25	5°16'03	16°34	10°39	19°44	9° 3	14°46	28°27	0°54	22° 5	3°43	22°25	23°33	14°39	11°50	S 20
S 21	4 28 22	6°17'02	28°27	12°13	20°54	8°52	14°44	28°34	0°58	22° 7	3°43	22°23	23°30	14°46	11°53	S 21
M22	4 32 18	7°18'02	10♈28	13°47	22° 3	8°42	14°42	28°41	1° 1	22°10	3°43	22°18	23°27	14°53	11°56	M22
T 23	4 36 15	8°19'03	22°40	15°22	23°12	8°32	14°40	28°47	1° 5	22°12	3°44	22°11	23°24	14°59	11°59	T 23
W24	4 40 11	9°20'04	5♉ 7	16°56	24°21	8°24	14°38	28°54	1° 9	22°14	3°44	22° 4	23°21	15° 6	12° 2	W24
T 25	4 44 8	10°21'06	17°51	18°30	25°29	8°16	14°36	29° 1	1°12	22°16	3°44	21°56	23°18	15°13	12° 5	T 25
F 26	4 48 4	11°22'09	0♊51	20° 4	26°38	8° 9	14°35	29° 8	1°16	22°18	3°45	21°48	23°14	15°19	12° 8	F 26
S 27	4 52 1	12°23'12	14° 8	21°38	27°46	8° 3	14°33	29°15	1°20	22°21	3°45	21°42	23°11	15°26	12°11	S 27
S 28	4 55 58	13°24'16	27°39	23°13	28°54	7°58	14°32	29°22	1°23	22°23	3°46	21°38	23° 8	15°33	12°13	S 28
M29	4 59 54	14°25'21	11♋23	24°47	0♒ 2	7°53	14°32	29°29	1°27	22°25	3°46	21°36	23° 5	15°39	12°16	M29
T 30	5 3 51	15♐26'26	25♋15	26♐21	1♒10	7♉50	14♈31	29♐35	1♐30	22♏27	3♓47	21°D35	23♋ 2	15♓46	12♍18	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	16s41	21n38	1s54	14s40	0n26	25s48	2s18	16n25	0n 8	4n57	1s33	22s47	0n42	20s 3	0n 8	16s32	1n42	23s18	14s 8	21n29	21n17	10s25	2n57	5s 6
T 2	16 59	21 56	0 45	15 16	0 19	25 51	2 20	16 21	0 11	4 55	1 33	22 47	0 42	20 3	0 8	16 33	1 42	23 17	14 8	21 29	21 18	10 23	2 55	5 7
W 3	17 16	20 58	0n28	15 52	0 13	25 53	2 21	16 18	0 14	4 53	1 32	22 47	0 42	20 4	0 8	16 33	1 42	23 17	14 8	21 29	21 18	10 21	2 53	5 7
T 4	17 33	18 43	1 40	16 26	0 6	25 54	2 22	16 14	0 17	4 51	1 32	22 47	0 42	20 5	0 8	16 34	1 42	23 17	14 8	21 29	21 19	10 19	2 50	5 7
F 5	17 49	15 21	2 47	17 0	0s 1	25 54	2 23	16 11	0 20	4 49	1 32	22 48	0 42	20 6	0 8	16 34	1 42	23 17	14 7	21 29	21 20	10 17	2 48	5 8
S 6	18 5	11 3	3 44	17 33	0 8	25 53	2 24	16 7	0 23	4 47	1 32	22 48	0 42	20 7	0 8	16 35	1 42	23 17	14 7	21 30	21 20	10 15	2 46	5 8
S 7	18 21	6 5	4 28	18 6	0 14	25 52	2 25	16 4	0 26	4 46	1 31	22 48	0 42	20 7	0 8	16 36	1 42	23 16	14 7	21 30	21 21	10 12	2 44	5 8
M 8	18 37	0 46	4 56	18 37	0 21	25 50	2 26	16 0	0 29	4 44	1 31	22 48	0 41	20 8	0 8	16 36	1 42	23 16	14 6	21 31	21 21	10 10	2 42	5 9
T 9	18 52	4s37	5 4	19 8	0 27	25 48	2 27	15 57	0 31	4 42	1 31	22 49	0 41	20 9	0 8	16 37	1 42	23 16	14 6	21 33	21 22	10 8	2 40	5 9
W10	19 7	9 43	4 53	19 37	0 34	25 44	2 28	15 54	0 34	4 41	1 31	22 49	0 41	20 10	0 8	16 37	1 42	23 16	14 6	21 34	21 22	10 6	2 38	5 10
T 11	19 21	14 13	4 25	20 6	0 40	25 40	2 28	15 51	0 37	4 39	1 30	22 49	0 41	20 10	0 8	16 38	1 42	23 15	14 5	21 36	21 23	10 4	2 36	5 10
F 12	19 36	17 52	3 40	20 34	0 46	25 35	2 29	15 48	0 40	4 38	1 30	22 49	0 41	20 11	0 8	16 39	1 42	23 15	14 5	21 37	21 23	10 2	2 34	5 10
S 13	19 49	20 26	2 44	21 0	0 52	25 30	2 29	15 45	0 42	4 37	1 30	22 49	0 41	20 12	0 8	16 39	1 42	23 15	14 5	21 39	21 24	10 0	2 32	5 11
S 14	20 3	21 49	1 41	21 26	0 58	25 23	2 29	15 43	0 45	4 35	1 29	22 50	0 41	20 13	0 8	16 40	1 42	23 14	14 5	21 39	21 25	9 58	2 30	5 11
M15	20 16	21 59	0 33	21 51	1 4	25 16	2 29	15 40	0 47	4 34	1 29	22 50	0 41	20 14	0 8	16 40	1 42	23 14	14 4	21 40	21 25	9 56	2 28	5 11
T 16	20 29	21 3	0s34	22 14	1 10	25 9	2 29	15 38	0 50	4 33	1 29	22 50	0 41	20 14	0 8	16 41	1 42	23 14	14 4	21 40	21 26	9 54	2 26	5 12
W17	20 41	19 8	1 38	22 37	1 15	25 0	2 29	15 35	0 52	4 32	1 29	22 50	0 41	20 15	0 8	16 41	1 42	23 13	14 4	21 39	21 26	9 52	2 24	5 12
T 18	20 53	16 25	2 37	22 58	1 21	24 51	2 29	15 33	0 55	4 31	1 28	22 50	0 40	20 16	0 8	16 42	1 42	23 13	14 3	21 39	21 27	9 50	2 23	5 13
F 19	21 4	13 2	3 28	23 19	1 26	24 41	2 29	15 31	0 57	4 30	1 28	22 51	0 40	20 17	0 8	16 43	1 42	23 13	14 3	21 39	21 27	9 48	2 21	5 13
S 20	21 16	9 10	4 11	23 38	1 31	24 31	2 28	15 30	0 59	4 30	1 28	22 51	0 40	20 17	0 8	16 43	1 42	23 12	14 3	21 39	21 28	9 45	2 19	5 13
S 21	21 26	4 56	4 42	23 55	1 36	24 20	2 28	15 28	1 1	4 29	1 27	22 51	0 40	20 18	0 8	16 44	1 42	23 12	14 2	21 40	21 28	9 43	2 18	5 14
M22	21 37	0 29	5 2	24 12	1 40	24 8	2 27	15 27	1 3	4 28	1 27	22 51	0 40	20 19	0 8	16 44	1 42	23 11	14 2	21 40	21 29	9 41	2 16	5 14
T 23	21 46	4n 4	5 9	24 27	1 45	23 56	2 26	15 26	1 5	4 28	1 27	22 51	0 40	20 20	0 8	16 45	1 42	23 11	14 2	21 42	21 29	9 39	2 14	5 15
W24	21 56	8 33	5 1	24 41	1 49	23 43	2 25	15 25	1 7	4 27	1 26	22 51	0 40	20 20	0 8	16 45	1 42	23 11	14 1	21 43	21 30	9 37	2 13	5 15
T 25	22 5	12 46	4 38	24 54	1 53	23 29	2 24	15 24	1 9	4 27	1 26	22 52	0 40	20 21	0 8	16 46	1 42	23 10	14 1	21 44	21 31	9 35	2 11	5 15
F 26	22 14	16 29	4 1	25 5	1 56	23 15	2 23	15 24	1 11	4 27	1 26	22 52	0 40	20 22	0 8	16 46	1 42	23 10	14 1	21 45	21 31	9 33	2 10	5 16
S 27	22 22	19 27	3 9	25 15	1 59	23 0	2 22	15 24	1 13	4 27	1 26	22 52	0 40	20 23	0 7	16 47	1 42	23 9	14 1	21 46	21 32	9 31	2 9	5 16
S 28	22 30	21 24	2 7	25 23	2 2	22 45	2 20	15 23	1 15	4 27	1 25	22 52	0 40	20 24	0 7	16 47	1 42	23 9	14 0	21 47	21 32	9 29	2 7	5 17
M29	22 37	22 7	0 55	25 30	2 5	22 29	2 19	15 24	1 16	4 27	1 25	22 52	0 39	20 24	0 7	16 48	1 42	23 8	14 0	21 47	21 33	9 26	2 6	5 17
T 30	22s44	21n29	0n20	25s36	2s 7	22s12	2s17	15n24	1n18	4n27	1s25	22s52	0n39	20s25	0n 7	16s49	1n42	23s 8	14s 0	21n47	21n33	9s24	2n 5	5s18

Julian Day Number = 2200204.5, Delta T = 10m06s
Ecliptic obliquity = 23°31'39, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°08'33, Lahiri = 14°15'33 Julian Calendar 1 Nov. 1311 == Greg. Calendar 9 Nov. 1311

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ASTRODIENST EPHEMERIS for the year 1311
geocentric

DECEMBER 1311 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	5 7 47	16♐27'33	9♌15	27♐56	2♒17	7°R47	14°R30	29♐42	1♐34	22♏29	3♓47	21♋36	22♋58	15♓53	12♍21	W 1
T 2	5 11 44	17°28'40	23°20	29°30	3°25	7♉45	14°D30	29°49	1°38	22°31	3°48	21°38	22°55	15°59	12°23	T 2
F 3	5 15 40	18°29'48	7♍28	1♑ 4	4°32	7°44	14♈30	29°56	1°41	22°33	3°48	21°39	22°52	16° 6	12°25	F 3
S 4	5 19 37	19°30'56	21°37	2°38	5°39	7°D43	14°31	0♑ 3	1°45	22°35	3°49	21°R40	22°49	16°13	12°27	S 4
S 5	5 23 34	20°32'06	5♎46	4°12	6°46	7°44	14°31	0°10	1°48	22°37	3°49	21°39	22°46	16°20	12°29	S 5
M 6	5 27 30	21°33'16	19°52	5°45	7°53	7°45	14°32	0°17	1°52	22°39	3°50	21°36	22°43	16°26	12°30	M 6
T 7	5 31 27	22°34'26	3♏54	7°18	8°59	7°47	14°32	0°24	1°55	22°41	3°51	21°33	22°39	16°33	12°32	T 7
W 8	5 35 23	23°35'38	17°49	8°50	10° 5	7°49	14°34	0°31	1°59	22°43	3°51	21°28	22°36	16°40	12°33	W 8
T 9	5 39 20	24°36'49	1♐34	10°22	11°11	7°53	14°35	0°38	2° 2	22°45	3°52	21°24	22°33	16°46	12°35	T 9
F 10	5 43 16	25°38'02	15° 5	11°52	12°17	7°57	14°36	0°46	2° 6	22°47	3°53	21°20	22°30	16°53	12°36	F 10
S 11	5 47 13	26°39'14	28°20	13°22	13°22	8° 2	14°38	0°53	2° 9	22°49	3°53	21°17	22°27	17° 0	12°37	S 11
S 12	5 51 9	27°40'27	11♑19	14°50	14°27	8° 7	14°40	1° 0	2°13	22°51	3°54	21°15	22°24	17° 6	12°38	S 12
M13	5 55 6	28°41'39	24° 0	16°17	15°32	8°14	14°42	1° 7	2°16	22°53	3°55	21°D15	22°20	17°13	12°39	M13
T 14	5 59 3	29°42'52	6♒25	17°42	16°37	8°21	14°44	1°14	2°20	22°55	3°56	21°16	22°17	17°20	12°39	T 14
W15	6 2 59	0♑44'04	18°36	19° 4	17°41	8°28	14°47	1°21	2°23	22°57	3°57	21°17	22°14	17°27	12°40	W15
T 16	6 6 56	1°45'17	0♓37	20°24	18°45	8°37	14°49	1°28	2°26	22°59	3°58	21°19	22°11	17°33	12°41	T 16
F 17	6 10 52	2°46'29	12°30	21°40	19°49	8°46	14°52	1°35	2°30	23° 1	3°58	21°20	22° 8	17°40	12°41	F 17
S 18	6 14 49	3°47'40	24°20	22°53	20°52	8°55	14°55	1°42	2°33	23° 3	3°59	21°21	22° 4	17°47	12°41	S 18
S 19	6 18 45	4°48'51	6♈13	24° 1	21°55	9° 6	14°59	1°49	2°36	23° 4	4° 0	21°R22	22° 1	17°53	12°41	S 19
M20	6 22 42	5°50'02	18°13	25° 4	22°58	9°17	15° 2	1°56	2°39	23° 6	4° 1	21°21	21°58	18° 0	12°R41	M20
T 21	6 26 38	6°51'13	0♉25	26° 1	24° 0	9°28	15° 6	2° 3	2°43	23° 8	4° 2	21°20	21°55	18° 7	12°41	T 21
W22	6 30 35	7°52'23	12°53	26°51	25° 2	9°40	15°10	2°10	2°46	23°10	4° 3	21°18	21°52	18°13	12°41	W22
T 23	6 34 32	8°53'32	25°40	27°33	26° 4	9°53	15°14	2°17	2°49	23°11	4° 4	21°17	21°49	18°20	12°41	T 23
F 24	6 38 28	9°54'41	8♊49	28° 7	27° 5	10° 6	15°18	2°24	2°52	23°13	4° 5	21°15	21°45	18°27	12°40	F 24
S 25	6 42 25	10°55'50	22°19	28°31	28° 6	10°20	15°23	2°31	2°55	23°15	4° 6	21°13	21°42	18°34	12°40	S 25
S 26	6 46 21	11°56'58	6♋11	28°45	29° 6	10°34	15°27	2°38	2°58	23°16	4° 7	21°13	21°39	18°40	12°39	S 26
M27	6 50 18	12°58'06	20°19	28°R47	0♓ 6	10°49	15°32	2°45	3° 1	23°18	4° 8	21°D12	21°36	18°47	12°38	M27
T 28	6 54 14	13°59'13	4♌41	28°39	1° 5	11° 5	15°37	2°52	3° 4	23°20	4° 9	21°13	21°33	18°54	12°37	T 28
W29	6 58 11	15° 0'20	19°11	28°18	2° 4	11°20	15°42	2°59	3° 7	23°21	4°11	21°13	21°30	19° 0	12°36	W29
T 30	7 2 7	16° 1'26	3♍42	27°46	3° 2	11°37	15°48	3° 6	3°10	23°23	4°12	21°14	21°26	19° 7	12°35	T 30
F 31	7 6 4	17♑ 2'32	18♍11	27♑ 3	4♓ 0	11♉53	15♈53	3♑13	3♐13	23♏24	4♓13	21♋14	21♋23	19♓14	12♍34	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
W 1	22s50	19n32	1n35	25s40	2s 9	21s55	2s15	15n25	1n20	4n27	1s24	22s52	0n39	20s26	0n 7	16s49	1n42	23s 8	13s59	21n47	21n34	9s22	2n 3	5s18	
T 2	22 56	16 23	2 45	25 42	2 11	21 37	2 13	15 25	1 21	4 27	1 24	22 52	0 39	20 26	0 7	16 50	1 42	23 7	13 59	21 47	21 34	9 20	2 2	5 18	
F 3	23 2	12 16	3 45	25 43	2 12	21 19	2 11	15 26	1 23	4 27	1 24	22 53	0 39	20 27	0 7	16 50	1 42	23 7	13 59	21 47	21 35	9 18	2 1	5 19	
S 4	23 7	7 29	4 31	25 43	2 13	21 1	2 9	15 28	1 24	4 28	1 23	22 53	0 39	20 28	0 7	16 51	1 42	23 6	13 58	21 47	21 35	9 16	2 0	5 19	
S 5	23 11	2 18	5 1	25 41	2 13	20 41	2 7	15 29	1 25	4 28	1 23	22 53	0 39	20 29	0 7	16 51	1 42	23 6	13 58	21 47	21 36	9 14	1 59	5 20	
M 6	23 15	2s58	5 13	25 37	2 13	20 22	2 4	15 31	1 27	4 29	1 23	22 53	0 39	20 29	0 7	16 52	1 42	23 5	13 58	21 47	21 36	9 12	1 58	5 20	
T 7	23 19	8 4	5 6	25 31	2 12	20 2	2 1	15 32	1 28	4 29	1 22	22 53	0 39	20 30	0 7	16 52	1 42	23 5	13 58	21 48	21 37	9 9	1 57	5 21	
W 8	23 22	12 43	4 41	25 24	2 11	19 41	1 58	15 34	1 29	4 30	1 22	22 53	0 39	20 31	0 7	16 53	1 42	23 4	13 57	21 48	21 37	9 7	1 56	5 21	
T 9	23 25	16 38	4 0	25 16	2 9	19 20	1 55	15 37	1 30	4 31	1 22	22 53	0 39	20 31	0 7	16 53	1 42	23 4	13 57	21 49	21 38	9 5	1 55	5 21	
F 10	23 27	19 37	3 6	25 5	2 6	18 59	1 52	15 39	1 31	4 32	1 21	22 53	0 39	20 32	0 7	16 53	1 42	23 3	13 57	21 50	21 39	9 3	1 54	5 22	
S 11	23 29	21 28	2 3	24 54	2 3	18 37	1 49	15 42	1 33	4 33	1 21	22 53	0 39	20 33	0 7	16 54	1 42	23 2	13 56	21 50	21 39	9 1	1 53	5 22	
S 12	23 30	22 8	0 54	24 40	1 59	18 14	1 46	15 45	1 34	4 34	1 21	22 53	0 38	20 34	0 7	16 54	1 42	23 2	13 56	21 50	21 40	8 59	1 52	5 23	
M13	23 31	21 38	0s15	24 25	1 54	17 52	1 42	15 48	1 35	4 35	1 20	22 53	0 38	20 34	0 7	16 55	1 42	23 1	13 56	21 51	21 40	8 56	1 52	5 23	
T 14	23 32	20 4	1 23	24 9	1 49	17 29	1 38	15 51	1 36	4 36	1 20	22 53	0 38	20 35	0 7	16 55	1 42	23 1	13 56	21 50	21 41	8 54	1 51	5 23	
W15	23 32	17 36	2 25	23 52	1 43	17 5	1 35	15 54	1 36	4 37	1 20	22 53	0 38	20 36	0 7	16 56	1 42	23 0	13 55	21 50	21 41	8 52	1 50	5 24	
T 16	23 31	14 25	3 20	23 33	1 36	16 42	1 31	15 58	1 37	4 38	1 19	22 53	0 38	20 36	0 7	16 56	1 42	23 0	13 55	21 50	21 42	8 50	1 50	5 24	
F 17	23 30	10 41	4 7	23 13	1 27	16 18	1 26	16 1	1 38	4 40	1 19	22 53	0 38	20 37	0 7	16 57	1 42	22 59	13 55	21 50	21 42	8 48	1 49	5 25	
S 18	23 28	6 34	4 42	22 52	1 18	15 53	1 22	16 5	1 39	4 41	1 19	22 53	0 38	20 38	0 7	16 57	1 42	22 59	13 55	21 50	21 43	8 46	1 49	5 25	
S 19	23 26	2 12	5 5	22 30	1 8	15 29	1 18	16 9	1 40	4 43	1 19	22 53	0 38	20 38	0 7	16 57	1 42	22 58	13 54	21 49	21 43	8 43	1 48	5 26	
M20	23 24	2n18	5 16	22 8	0 57	15 4	1 13	16 13	1 40	4 45	1 18	22 53	0 38	20 39	0 7	16 58	1 42	22 57	13 54	21 50	21 44	8 41	1 48	5 26	
T 21	23 21	6 47	5 12	21 45	0 45	14 38	1 8	16 18	1 41	4 46	1 18	22 53	0 38	20 40	0 7	16 58	1 42	22 57	13 54	21 50	21 44	8 39	1 48	5 26	
W22	23 18	11 5	4 54	21 23	0 31	14 13	1 3	16 22	1 42	4 48	1 18	22 53	0 38	20 40	0 7	16 59	1 42	22 56	13 54	21 50	21 45	8 37	1 47	5 27	
T 23	23 14	15 1	4 21	21 0	0 17	13 47	0 58	16 27	1 42	4 50	1 17	22 53	0 38	20 41	0 7	16 59	1 43	22 56	13 53	21 50	21 45	8 35	1 47	5 27	
F 24	23 9	18 20	3 34	20 38	0 1	13 22	0 53	16 32	1 43	4 52	1 17	22 53	0 38	20 41	0 7	16 59	1 43	22 55	13 53	21 51	21 46	8 32	1 47	5 28	
S 25	23 5	20 45	2 33	20 17	0n15	12 55	0 48	16 37	1 44	4 54	1 17	22 53	0 38	20 42	0 7	17 0	1 43	22 54	13 53	21 51	21 46	8 30	1 47	5 28	
S 26	22 59	22 1	1 22	19 57	0 33	12 29	0 42	16 42	1 44	4 56	1 16	22 53	0 38	20 43	0 7	17 0	1 43	22 54	13 53	21 51	21 47	8 28	1 47	5 28	
M27	22 54	21 54	0 5	19 39	0 51	12 3	0 36	16 47	1 45	4 58	1 16	22 52	0 37	20 43	0 7	17 1	1 43	22 53	13 52	21 51	21 47	8 26	1 47	5 29	
T 28	22 47	20 22	1n14	19 23	1 9	11 36	0 30	16 52	1 45	5 0	1 16	22 52	0 37	20 44	0 7	17 1	1 43	22 53	13 52	21 51	21 48	8 24	1 47	5 29	
W29	22 41	17 29	2 29	19 8	1 28	11 9	0 24	16 58	1 46	5 3	1 15	22 52	0 37	20 44	0 7	17 1	1 43	22 52	13 52	21 51	21 48	8 21	1 47	5 29	
T 30	22 34	13 31	3 35	18 56	1 47	10 43	0 18	17 3	1 46	5 5	1 15	22 52	0 37	20 45	0 7	17 2	1 43	22 51	13 52	21 51	21 49	8 19	1 47	5 30	
F 31	22s26	8n46	4n26	18s47	2n 5	10s16	0s12	17n 9	1n47	5n 7	1s15	22s52	0n37	20s46	0n 7	17s 2	1n43	22s51	13s52	21n51	21n49	8s17	1n47	5s30	

Julian Day Number = 2200234.5, Delta T = 10m06s
Ecliptic obliquity = 23°31'39, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°08'37, Lahiri = 14°15'37 Julian Calendar 1 Dec. 1311 == Greg. Calendar 9 Dec. 1311

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ASTRODIENST EPHEMERIS for the year 1312
geocentric

JANUARY 1312 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	7 10 1	18♑ 3'38	2♎33	26°R 9	4♓58	12♉11	15♈59	3♑20	3♐16	23♏26	4♓14	21♋14	21♋20	19♓20	12°R33	S 1
S 2	7 13 57	19° 4'44	16°44	25♑ 7	5°54	12°28	16° 5	3°27	3°19	23°27	4°15	21°R14	21°17	19°27	12♍31	S 2
M 3	7 17 54	20° 5'49	0♏43	23°58	6°50	12°47	16°11	3°34	3°22	23°29	4°16	21°14	21°14	19°34	12°30	M 3
T 4	7 21 50	21° 6'53	14°28	22°43	7°46	13° 5	16°17	3°41	3°25	23°30	4°18	21°D14	21°10	19°41	12°28	T 4
W 5	7 25 47	22° 7'58	28° 0	21°27	8°41	13°24	16°23	3°48	3°27	23°32	4°19	21°14	21° 7	19°47	12°26	W 5
T 6	7 29 43	23° 9'01	11♐18	20°10	9°35	13°44	16°30	3°55	3°30	23°33	4°20	21°15	21° 4	19°54	12°24	T 6
F 7	7 33 40	24°10'05	24°22	18°55	10°29	14° 3	16°37	4° 2	3°33	23°34	4°21	21°15	21° 1	20° 1	12°22	F 7
S 8	7 37 36	25°11'07	7♑13	17°44	11°22	14°24	16°43	4° 8	3°35	23°36	4°23	21°15	20°58	20° 7	12°20	S 8
S 9	7 41 33	26°12'09	19°52	16°39	12°14	14°44	16°51	4°15	3°38	23°37	4°24	21°R15	20°55	20°14	12°18	S 9
M10	7 45 30	27°13'10	2♒18	15°41	13° 6	15° 5	16°58	4°22	3°40	23°38	4°25	21°15	20°51	20°21	12°16	M10
T 11	7 49 26	28°14'09	14°33	14°51	13°56	15°26	17° 5	4°28	3°43	23°39	4°27	21°15	20°48	20°27	12°13	T 11
W12	7 53 23	29°15'08	26°39	14°10	14°46	15°48	17°13	4°35	3°45	23°41	4°28	21°14	20°45	20°34	12°11	W12
T 13	7 57 19	0♒16'06	8♓37	13°37	15°36	16°10	17°20	4°42	3°48	23°42	4°29	21°12	20°42	20°41	12° 8	T 13
F 14	8 1 16	1°17'02	20°29	13°13	16°24	16°33	17°28	4°48	3°50	23°43	4°31	21°11	20°39	20°48	12° 5	F 14
S 15	8 5 12	2°17'57	2♈20	12°58	17°11	16°55	17°36	4°55	3°53	23°44	4°32	21° 9	20°36	20°54	12° 2	S 15
S 16	8 9 9	3°18'50	14°12	12°D51	17°57	17°18	17°44	5° 1	3°55	23°45	4°34	21° 8	20°32	21° 1	12° 0	S 16
M17	8 13 5	4°19'42	26°10	12°51	18°43	17°42	17°52	5° 8	3°57	23°46	4°35	21° 7	20°29	21° 8	11°57	M17
T 18	8 17 2	5°20'33	8♉19	12°59	19°27	18° 5	18° 1	5°14	3°59	23°47	4°36	21°D 7	20°26	21°14	11°53	T 18
W19	8 20 59	6°21'22	20°42	13°14	20°10	18°29	18° 9	5°21	4° 2	23°48	4°38	21° 8	20°23	21°21	11°50	W19
T 20	8 24 55	7°22'10	3♊26	13°35	20°52	18°54	18°18	5°27	4° 4	23°49	4°39	21° 9	20°20	21°28	11°47	T 20
F 21	8 28 52	8°22'57	16°32	14° 2	21°33	19°18	18°27	5°34	4° 6	23°50	4°41	21°10	20°16	21°35	11°44	F 21
S 22	8 32 48	9°23'41	0♋ 4	14°34	22°13	19°43	18°36	5°40	4° 8	23°51	4°42	21°12	20°13	21°41	11°40	S 22
S 23	8 36 45	10°24'25	14° 2	15°11	22°52	20° 8	18°45	5°46	4°10	23°52	4°44	21°R12	20°10	21°48	11°37	S 23
M24	8 40 41	11°25'06	28°24	15°52	23°29	20°33	18°54	5°52	4°12	23°52	4°45	21°12	20° 7	21°55	11°33	M24
T 25	8 44 38	12°25'47	13♌ 7	16°38	24° 5	20°59	19° 4	5°59	4°14	23°53	4°47	21°11	20° 4	22° 1	11°29	T 25
W26	8 48 35	13°26'25	28° 2	17°27	24°39	21°25	19°13	6° 5	4°16	23°54	4°48	21° 9	20° 1	22° 8	11°26	W26
T 27	8 52 31	14°27'03	13♍ 3	18°20	25°12	21°51	19°23	6°11	4°18	23°55	4°50	21° 6	19°57	22°15	11°22	T 27
F 28	8 56 28	15°27'39	27°59	19°16	25°44	22°17	19°32	6°17	4°19	23°55	4°51	21° 3	19°54	22°21	11°18	F 28
S 29	9 0 24	16°28'13	12♎43	20°14	26°13	22°44	19°42	6°23	4°21	23°56	4°53	21° 0	19°51	22°28	11°14	S 29
S 30	9 4 21	17°28'47	27°10	21°16	26°42	23°10	19°52	6°29	4°23	23°57	4°54	20°57	19°48	22°35	11°10	S 30
M31	9 8 17	18♒29'19	11♏15	22♑20	27♓ 8	23♉37	20♈ 2	6♑35	4♐24	23♏57	4♓56	20♋56	19♋45	22♓42	11♍ 6	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22s18	3n35	5n 1	18s39	2n23	9s49	0s 5	17n15	1n47	5n10	1s15	22s52	0n37	20s46	0n 7	17s 2	1n43	22s50	13s51	21n51	21n50	8s15	1n47	5s30
S 2	22 10	1s44	5 16	18 35	2 39	9 22	0n 1	17 21	1 47	5 12	1 14	22 52	0 37	20 47	0 7	17 3	1 43	22 49	13 51	21 51	21 50	8 13	1 47	5 31
M 3	22 1	6 52	5 13	18 32	2 54	8 54	0 8	17 26	1 48	5 15	1 14	22 52	0 37	20 47	0 7	17 3	1 43	22 49	13 51	21 51	21 51	8 10	1 48	5 31
T 4	21 52	11 35	4 52	18 32	3 7	8 27	0 15	17 32	1 48	5 18	1 14	22 52	0 37	20 48	0 7	17 3	1 43	22 48	13 51	21 51	21 51	8 8	1 48	5 31
W 5	21 42	15 39	4 15	18 34	3 17	8 0	0 22	17 39	1 48	5 20	1 13	22 51	0 37	20 48	0 7	17 4	1 43	22 47	13 51	21 51	21 52	8 6	1 48	5 32
T 6	21 32	18 51	3 24	18 38	3 25	7 33	0 30	17 45	1 49	5 23	1 13	22 51	0 37	20 49	0 7	17 4	1 43	22 47	13 50	21 51	21 52	8 4	1 49	5 32
F 7	21 22	21 1	2 24	18 43	3 30	7 5	0 37	17 51	1 49	5 26	1 13	22 51	0 37	20 49	0 7	17 4	1 43	22 46	13 50	21 51	21 53	8 1	1 49	5 32
S 8	21 11	22 3	1 17	18 49	3 33	6 38	0 45	17 57	1 49	5 29	1 13	22 51	0 37	20 50	0 7	17 4	1 43	22 45	13 50	21 51	21 53	7 59	1 50	5 33
S 9	20 59	21 55	0 8	18 57	3 34	6 11	0 53	18 4	1 50	5 32	1 12	22 51	0 37	20 50	0 7	17 5	1 43	22 45	13 50	21 50	21 54	7 57	1 50	5 33
M10	20 48	20 43	1s 1	19 5	3 32	5 44	1 1	18 10	1 50	5 35	1 12	22 51	0 37	20 51	0 7	17 5	1 43	22 44	13 50	21 51	21 54	7 55	1 51	5 33
T 11	20 35	18 32	2 6	19 14	3 29	5 17	1 9	18 17	1 50	5 38	1 12	22 50	0 37	20 51	0 7	17 5	1 43	22 43	13 49	21 51	21 55	7 52	1 52	5 34
W12	20 23	15 33	3 4	19 24	3 24	4 50	1 17	18 23	1 50	5 41	1 11	22 50	0 37	20 52	0 7	17 6	1 43	22 43	13 49	21 51	21 55	7 50	1 52	5 34
T 13	20 10	11 58	3 53	19 34	3 17	4 23	1 26	18 30	1 50	5 44	1 11	22 50	0 37	20 52	0 7	17 6	1 43	22 42	13 49	21 51	21 56	7 48	1 53	5 34
F 14	19 57	7 57	4 32	19 44	3 9	3 57	1 34	18 36	1 50	5 47	1 11	22 50	0 37	20 53	0 7	17 6	1 44	22 41	13 49	21 51	21 56	7 46	1 54	5 34
S 15	19 43	3 39	5 0	19 54	3 0	3 30	1 43	18 43	1 51	5 51	1 11	22 50	0 36	20 53	0 7	17 6	1 44	22 41	13 49	21 51	21 57	7 43	1 55	5 35
S 16	19 29	0n48	5 14	20 5	2 50	3 4	1 52	18 50	1 51	5 54	1 10	22 50	0 36	20 54	0 7	17 6	1 44	22 40	13 49	21 52	21 57	7 41	1 56	5 35
M17	19 15	5 14	5 15	20 15	2 40	2 38	2 1	18 57	1 51	5 57	1 10	22 49	0 36	20 54	0 7	17 7	1 44	22 39	13 49	21 52	21 58	7 39	1 57	5 35
T 18	19 0	9 33	5 2	20 25	2 29	2 12	2 10	19 3	1 51	6 1	1 10	22 49	0 36	20 54	0 7	17 7	1 44	22 39	13 48	21 52	21 58	7 37	1 58	5 35
W19	18 45	13 34	4 35	20 34	2 18	1 46	2 20	19 10	1 51	6 4	1 10	22 49	0 36	20 55	0 7	17 7	1 44	22 38	13 48	21 52	21 59	7 34	1 59	5 35
T 20	18 30	17 5	3 54	20 44	2 7	1 21	2 29	19 17	1 51	6 8	1 9	22 49	0 36	20 55	0 7	17 7	1 44	22 38	13 48	21 51	21 59	7 32	2 0	5 36
F 21	18 14	19 51	3 0	20 52	1 56	0 55	2 39	19 24	1 51	6 12	1 9	22 48	0 36	20 56	0 7	17 7	1 44	22 37	13 48	21 51	21 59	7 30	2 1	5 36
S 22	17 58	21 37	1 54	21 0	1 44	0 31	2 49	19 31	1 51	6 15	1 9	22 48	0 36	20 56	0 7	17 8	1 44	22 36	13 48	21 51	22 0	7 28	2 2	5 36
S 23	17 42	22 8	0 40	21 7	1 33	0 6	2 59	19 38	1 51	6 19	1 9	22 48	0 36	20 56	0 7	17 8	1 44	22 36	13 48	21 51	22 0	7 25	2 3	5 36
M24	17 25	21 12	0n40	21 14	1 22	0n18	3 9	19 45	1 51	6 23	1 8	22 48	0 36	20 57	0 7	17 8	1 44	22 35	13 48	21 51	22 1	7 23	2 4	5 36
T 25	17 8	18 49	1 58	21 19	1 11	0 41	3 19	19 52	1 51	6 26	1 8	22 48	0 36	20 57	0 7	17 8	1 44	22 34	13 48	21 51	22 1	7 21	2 6	5 36
W26	16 51	15 9	3 9	21 24	1 0	1 5	3 30	19 58	1 51	6 30	1 8	22 47	0 36	20 57	0 7	17 8	1 44	22 34	13 48	21 51	22 2	7 18	2 7	5 37
T 27	16 33	10 30	4 8	21 28	0 49	1 27	3 40	20 5	1 51	6 34	1 8	22 47	0 36	20 58	0 7	17 8	1 44	22 33	13 47	21 52	22 2	7 16	2 8	5 37
F 28	16 16	5 13	4 49	21 30	0 38	1 50	3 51	20 12	1 51	6 38	1 7	22 47	0 36	20 58	0 7	17 8	1 44	22 32	13 47	21 52	22 3	7 14	2 10	5 37
S 29	15 57	0s16	5 11	21 32	0 28	2 12	4 2	20 19	1 51	6 42	1 7	22 47	0 36	20 58	0 7	17 8	1 44	22 32	13 47	21 53	22 3	7 12	2 11	5 37
S 30	15 39	5 39	5 12	21 33	0 18	2 33	4 13	20 26	1 51	6 46	1 7	22 46	0 36	20 59	0 7	17 9	1 44	22 31	13 47	21 53	22 4	7 9	2 12	5 37
M31	15s20	10s35	4n55	21s32	0n 8	2n53	4n24	20n33	1n51	6n50	1s 7	22s46	0n36	20s59	0n 7	17s 9	1n44	22s30	13s47	21n54	22n 4	7s 7	2n14	5s37

Julian Day Number = 2200265.5, Delta T = 10m06s
Ecliptic obliquity = 23°31'39, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°08'41, Lahiri = 14°15'41 Julian Calendar 1 Jan. 1312 == Greg. Calendar 9 Jan. 1312

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ASTRODIENST EPHEMERIS for the year 1312
geocentric

FEBRUARY 1312 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 12 14	19♒29'50	24♏57	23♉26	27♓33	24♉ 4	20♈13	6♉40	4♐26	23♏58	4♓57	20°D56	19♋42	22♓48	11°R 2	T 1
W 2	9 16 10	20°30'20	8♐19	24°35	27°56	24°32	20°23	6°46	4°27	23°58	4°59	20♋57	19°38	22°55	10♍58	W 2
T 3	9 20 7	21°30'48	21°21	25°45	28°17	24°59	20°33	6°52	4°29	23°59	5° 1	20°58	19°35	23° 2	10°53	T 3
F 4	9 24 3	22°31'15	4♉ 6	26°58	28°36	25°27	20°44	6°58	4°30	23°59	5° 2	21° 0	19°32	23° 8	10°49	F 4
S 5	9 28 0	23°31'41	16°37	28°12	28°54	25°55	20°54	7° 3	4°32	24° 0	5° 4	21°R 1	19°29	23°15	10°45	S 5
S 6	9 31 57	24°32'05	28°57	29°28	29° 9	26°23	21° 5	7° 9	4°33	24° 0	5° 5	21° 1	19°26	23°22	10°40	S 6
M 7	9 35 53	25°32'27	11♒ 9	0♒45	29°22	26°52	21°16	7°14	4°34	24° 0	5° 7	20°59	19°22	23°29	10°36	M 7
T 8	9 39 50	26°32'48	23°12	2° 4	29°32	27°20	21°27	7°20	4°36	24° 1	5° 8	20°55	19°19	23°35	10°31	T 8
W 9	9 43 46	27°33'07	5♓10	3°24	29°41	27°49	21°38	7°25	4°37	24° 1	5°10	20°49	19°16	23°42	10°27	W 9
T 10	9 47 43	28°33'24	17° 4	4°46	29°47	28°18	21°49	7°30	4°38	24° 1	5°12	20°43	19°13	23°49	10°22	T 10
F 11	9 51 39	29°33'39	28°56	6° 9	29°51	28°47	22° 0	7°36	4°39	24° 2	5°13	20°35	19°10	23°55	10°18	F 11
S 12	9 55 36	0♓33'52	10♈47	7°34	29°R53	29°16	22°12	7°41	4°40	24° 2	5°15	20°27	19° 7	24° 2	10°13	S 12
S 13	9 59 32	1°34'04	22°40	9° 0	29°52	29°46	22°23	7°46	4°41	24° 2	5°16	20°20	19° 3	24° 9	10° 8	S 13
M14	10 3 29	2°34'13	4♉38	10°27	29°48	0♊15	22°35	7°51	4°42	24° 2	5°18	20°15	19° 0	24°16	10° 4	M14
T 15	10 7 26	3°34'20	16°45	11°55	29°42	0°45	22°46	7°56	4°43	24° 2	5°20	20°11	18°57	24°22	9°59	T 15
W16	10 11 22	4°34'25	29° 4	13°24	29°34	1°15	22°58	8° 1	4°43	24° 2	5°21	20°D10	18°54	24°29	9°54	W16
T 17	10 15 19	5°34'28	11♊41	14°55	29°23	1°45	23°10	8° 6	4°44	24°R 2	5°23	20°10	18°51	24°36	9°50	T 17
F 18	10 19 15	6°34'28	24°40	16°27	29°10	2°15	23°22	8°10	4°45	24° 2	5°24	20°11	18°47	24°42	9°45	F 18
S 19	10 23 12	7°34'27	8♋ 4	17°59	28°54	2°45	23°34	8°15	4°45	24° 2	5°26	20°12	18°44	24°49	9°40	S 19
S 20	10 27 8	8°34'23	21°56	19°34	28°35	3°15	23°46	8°20	4°46	24° 2	5°28	20°R13	18°41	24°56	9°35	S 20
M21	10 31 5	9°34'17	6♌17	21° 9	28°14	3°46	23°58	8°24	4°47	24° 2	5°29	20°12	18°38	25° 3	9°31	M21
T 22	10 35 1	10°34'09	21° 4	22°45	27°51	4°17	24°10	8°29	4°47	24° 2	5°31	20° 8	18°35	25° 9	9°26	T 22
W23	10 38 58	11°33'59	6♍10	24°23	27°26	4°47	24°22	8°33	4°48	24° 1	5°32	20° 3	18°32	25°16	9°21	W23
T 24	10 42 55	12°33'47	21°27	26° 1	26°58	5°18	24°35	8°38	4°48	24° 1	5°34	19°55	18°28	25°23	9°16	T 24
F 25	10 46 51	13°33'33	6♎44	27°41	26°29	5°49	24°47	8°42	4°48	24° 1	5°36	19°47	18°25	25°29	9°12	F 25
S 26	10 50 48	14°33'16	21°49	29°22	25°58	6°21	25° 0	8°46	4°48	24° 1	5°37	19°39	18°22	25°36	9° 7	S 26
S 27	10 54 44	15°32'58	6♏34	1♓ 5	25°25	6°52	25°12	8°50	4°49	24° 0	5°39	19°32	18°19	25°43	9° 2	S 27
M28	10 58 41	16°32'39	20°54	2°48	24°51	7°23	25°25	8°54	4°49	24° 0	5°40	19°27	18°16	25°49	8°57	M28
T 29	11 2 37	17♓32'18	4♐44	4♓33	24♓15	7♊55	25♈38	8♉58	4♐49	24♏ 0	5♓42	19♋24	18♋13	25♓56	8♍53	T 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	15s 2	14s52	4n21	21s31	0s 2	3n13	4n35	20n39	1n51	6n54	1s 6	22s46	0n36	20s59	0n 7	17s 9	1n44	22s30	13s47	21n54	22n 5	7s 5	2n15	5s37
W 2	14 42	18 16	3 33	21 28	0 11	3 33	4 46	20 46	1 51	6 58	1 6	22 46	0 36	21 0	0 7	17 9	1 45	22 29	13 47	21 53	22 5	7 2	2 17	5 37
T 3	14 23	20 40	2 35	21 24	0 20	3 51	4 57	20 53	1 51	7 2	1 6	22 45	0 36	21 0	0 7	17 9	1 45	22 28	13 47	21 53	22 6	7 0	2 19	5 37
F 4	14 3	21 57	1 31	21 19	0 28	4 9	5 8	21 0	1 51	7 6	1 6	22 45	0 36	21 0	0 7	17 9	1 45	22 28	13 47	21 53	22 6	6 58	2 20	5 37
S 5	13 44	22 6	0 24	21 12	0 37	4 27	5 20	21 6	1 51	7 11	1 6	22 45	0 36	21 0	0 7	17 9	1 45	22 27	13 47	21 53	22 6	6 56	2 22	5 37
S 6	13 24	21 9	0s43	21 4	0 45	4 43	5 31	21 13	1 51	7 15	1 5	22 44	0 36	21 1	0 7	17 9	1 45	22 26	13 47	21 53	22 7	6 53	2 23	5 37
M 7	13 3	19 13	1 48	20 55	0 53	4 58	5 42	21 20	1 51	7 19	1 5	22 44	0 36	21 1	0 7	17 9	1 45	22 26	13 47	21 53	22 7	6 51	2 25	5 37
T 8	12 43	16 27	2 46	20 45	1 0	5 13	5 53	21 26	1 51	7 23	1 5	22 44	0 36	21 1	0 7	17 9	1 45	22 25	13 47	21 54	22 8	6 49	2 27	5 37
W 9	12 22	13 1	3 37	20 33	1 7	5 27	6 5	21 33	1 51	7 28	1 5	22 44	0 36	21 1	0 7	17 9	1 45	22 25	13 47	21 54	22 8	6 46	2 29	5 37
T 10	12 1	9 5	4 18	20 20	1 14	5 39	6 16	21 39	1 51	7 32	1 5	22 43	0 36	21 2	0 7	17 9	1 45	22 24	13 47	21 56	22 9	6 44	2 30	5 37
F 11	11 40	4 49	4 48	20 6	1 20	5 51	6 27	21 46	1 51	7 36	1 4	22 43	0 36	21 2	0 7	17 9	1 45	22 23	13 47	21 57	22 9	6 42	2 32	5 37
S 12	11 19	0 23	5 5	19 50	1 26	6 1	6 38	21 52	1 51	7 41	1 4	22 43	0 35	21 2	0 7	17 9	1 45	22 23	13 47	21 58	22 10	6 39	2 34	5 37
S 13	10 57	4n 4	5 9	19 33	1 32	6 11	6 48	21 58	1 50	7 45	1 4	22 43	0 35	21 2	0 7	17 9	1 45	22 22	13 47	21 59	22 10	6 37	2 36	5 37
M14	10 36	8 24	5 0	19 15	1 38	6 19	6 59	22 4	1 50	7 50	1 4	22 42	0 35	21 2	0 7	17 9	1 45	22 22	13 47	22 0	22 11	6 35	2 38	5 37
T 15	10 14	12 28	4 37	18 55	1 43	6 26	7 9	22 11	1 50	7 54	1 4	22 42	0 35	21 2	0 7	17 9	1 45	22 21	13 47	22 0	22 11	6 32	2 40	5 36
W16	9 52	16 6	4 1	18 34	1 47	6 32	7 19	22 17	1 50	7 59	1 3	22 42	0 35	21 3	0 7	17 9	1 45	22 20	13 47	22 0	22 11	6 30	2 41	5 36
T 17	9 30	19 5	3 13	18 12	1 52	6 36	7 28	22 23	1 50	8 3	1 3	22 42	0 35	21 3	0 7	17 9	1 45	22 20	13 47	22 0	22 12	6 28	2 43	5 36
F 18	9 8	21 12	2 14	17 48	1 55	6 39	7 37	22 29	1 50	8 8	1 3	22 41	0 35	21 3	0 7	17 9	1 45	22 19	13 47	22 0	22 12	6 25	2 45	5 36
S 19	8 46	22 12	1 5	17 23	1 59	6 40	7 46	22 35	1 50	8 13	1 3	22 41	0 35	21 3	0 7	17 9	1 45	22 19	13 47	22 0	22 13	6 23	2 47	5 36
S 20	8 23	21 53	0n 9	16 56	2 2	6 41	7 54	22 40	1 49	8 17	1 3	22 41	0 35	21 3	0 7	17 9	1 46	22 18	13 47	22 0	22 13	6 21	2 49	5 36
M21	8 1	20 9	1 26	16 28	2 5	6 39	8 2	22 46	1 49	8 22	1 2	22 40	0 35	21 3	0 7	17 9	1 46	22 17	13 47	22 0	22 14	6 18	2 51	5 35
T 22	7 38	17 2	2 38	15 59	2 7	6 36	8 9	22 52	1 49	8 26	1 2	22 40	0 35	21 3	0 7	17 9	1 46	22 17	13 47	22 1	22 14	6 16	2 53	5 35
W23	7 15	12 42	3 41	15 28	2 9	6 32	8 15	22 57	1 49	8 31	1 2	22 40	0 35	21 3	0 7	17 8	1 46	22 16	13 47	22 2	22 14	6 13	2 55	5 35
T 24	6 52	7 31	4 29	14 56	2 11	6 26	8 21	23 3	1 49	8 36	1 2	22 40	0 35	21 3	0 7	17 8	1 46	22 16	13 47	22 3	22 15	6 11	2 57	5 35
F 25	6 29	1 53	4 58	14 23	2 12	6 19	8 25	23 8	1 49	8 41	1 2	22 39	0 35	21 4	0 7	17 8	1 46	22 15	13 47	22 4	22 15	6 9	2 59	5 34
S 26	6 6	3s49	5 6	13 48	2 12	6 11	8 29	23 14	1 48	8 45	1 2	22 39	0 35	21 4	0 7	17 8	1 46	22 15	13 47	22 5	22 16	6 6	3 1	5 34
S 27	5 43	9 9	4 52	13 12	2 13	6 0	8 33	23 19	1 48	8 50	1 1	22 39	0 35	21 4	0 7	17 8	1 46	22 14	13 47	22 6	22 16	6 4	3 3	5 34
M28	5 20	13 51	4 21	12 34	2 12	5 49	8 35	23 24	1 48	8 55	1 1	22 39	0 35	21 4	0 7	17 8	1 46	22 14	13 48	22 7	22 17	6 2	3 5	5 33
T 29	4s56	17s38	3n36	11s55	2s12	5n36	8n36	23n29	1n48	9n 0	1s 1	22s38	0n35	21s 4	0n 7	17s 8	1n46	22s13	13s48	22n 7	22n17	5s59	3n 7	5s33

Julian Day Number = 2200296.5, Delta T = 10m06s
Ecliptic obliquity = 23°31'40, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°08'45, Lahiri = 14°15'46 Julian Calendar 1 Feb. 1312 == Greg. Calendar 9 Feb. 1312

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ASTRODIENST EPHEMERIS for the year 1312
geocentric

MARCH 1312 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	11 6 34	18♓31'54	18♐ 8	6♓19	23°R39	8♊26	25♈50	9♑ 2	4♐49	23°R59	5♓44	19°D23	18♋ 9	26♓ 3	8°R48	W 1
T 2	11 10 30	19°31'30	1♑ 6	8° 6	23♓ 2	8°58	26° 3	9° 6	4°R49	23♏59	5°45	19♋24	18° 6	26°10	8♍43	T 2
F 3	11 14 27	20°31'03	13°44	9°55	22°24	9°30	26°16	9°10	4°49	23°58	5°47	19°R25	18° 3	26°16	8°39	F 3
S 4	11 18 24	21°30'35	26° 5	11°45	21°46	10° 1	26°29	9°13	4°49	23°58	5°48	19°24	18° 0	26°23	8°34	S 4
S 5	11 22 20	22°30'05	8♒14	13°36	21° 9	10°33	26°42	9°17	4°49	23°57	5°50	19°23	17°57	26°30	8°30	S 5
M 6	11 26 17	23°29'32	20°14	15°28	20°31	11° 6	26°55	9°20	4°49	23°57	5°51	19°18	17°53	26°36	8°25	M 6
T 7	11 30 13	24°28'58	2♓10	17°22	19°54	11°38	27° 8	9°24	4°48	23°56	5°53	19°11	17°50	26°43	8°21	T 7
W 8	11 34 10	25°28'22	14° 2	19°16	19°18	12°10	27°21	9°27	4°48	23°55	5°54	19° 1	17°47	26°50	8°16	W 8
T 9	11 38 6	26°27'44	25°53	21°13	18°43	12°42	27°35	9°30	4°48	23°55	5°56	18°49	17°44	26°57	8°12	T 9
F 10	11 42 3	27°27'04	7♈45	23°10	18° 8	13°15	27°48	9°33	4°47	23°54	5°57	18°36	17°41	27° 3	8° 7	F 10
S 11	11 45 59	28°26'22	19°38	25° 9	17°36	13°47	28° 1	9°36	4°47	23°53	5°59	18°23	17°38	27°10	8° 3	S 11
S 12	11 49 56	29°25'37	1♉35	27° 8	17° 5	14°20	28°15	9°39	4°46	23°53	6° 0	18°11	17°34	27°17	7°59	S 12
M13	11 53 52	0♈24'50	13°38	29° 9	16°35	14°53	28°28	9°42	4°46	23°52	6° 2	18° 0	17°31	27°23	7°55	M13
T 14	11 57 49	1°24'02	25°48	1♈11	16° 8	15°25	28°41	9°45	4°45	23°51	6° 3	17°53	17°28	27°30	7°51	T 14
W15	12 1 46	2°23'10	8♊ 8	3°14	15°43	15°58	28°55	9°48	4°44	23°50	6° 5	17°48	17°25	27°37	7°46	W15
T 16	12 5 42	3°22'17	20°44	5°17	15°20	16°31	29° 9	9°50	4°44	23°49	6° 6	17°45	17°22	27°44	7°42	T 16
F 17	12 9 39	4°21'21	3♋37	7°21	14°59	17° 4	29°22	9°53	4°43	23°48	6° 8	17°D45	17°19	27°50	7°38	F 17
S 18	12 13 35	5°20'23	16°54	9°26	14°40	17°37	29°36	9°55	4°42	23°48	6° 9	17°R45	17°15	27°57	7°35	S 18
S 19	12 17 32	6°19'23	0♌36	11°30	14°24	18°11	29°49	9°57	4°41	23°47	6°11	17°44	17°12	28° 4	7°31	S 19
M20	12 21 28	7°18'20	14°45	13°35	14°10	18°44	0♉ 3	10° 0	4°40	23°46	6°12	17°42	17° 9	28°10	7°27	M20
T 21	12 25 25	8°17'15	29°22	15°39	13°58	19°17	0°17	10° 2	4°39	23°45	6°14	17°38	17° 6	28°17	7°23	T 21
W22	12 29 21	9°16'07	14♍22	17°43	13°49	19°51	0°31	10° 4	4°38	23°44	6°15	17°30	17° 3	28°24	7°20	W22
T 23	12 33 18	10°14'58	29°37	19°46	13°43	20°24	0°45	10° 6	4°37	23°43	6°16	17°21	16°59	28°31	7°16	T 23
F 24	12 37 15	11°13'46	14♎56	21°47	13°39	20°57	0°58	10° 7	4°36	23°41	6°18	17°10	16°56	28°37	7°13	F 24
S 25	12 41 11	12°12'32	0♏10	23°47	13°D37	21°31	1°12	10° 9	4°35	23°40	6°19	16°59	16°53	28°44	7° 9	S 25
S 26	12 45 8	13°11'16	15° 5	25°45	13°38	22° 5	1°26	10°11	4°34	23°39	6°20	16°49	16°50	28°51	7° 6	S 26
M27	12 49 4	14° 9'59	29°36	27°41	13°41	22°38	1°40	10°12	4°33	23°38	6°22	16°42	16°47	28°57	7° 3	M27
T 28	12 53 1	15° 8'40	13♐37	29°34	13°47	23°12	1°54	10°14	4°31	23°37	6°23	16°37	16°44	29° 4	7° 0	T 28
W29	12 56 57	16° 7'19	27° 8	1♑24	13°54	23°46	2° 8	10°15	4°30	23°36	6°24	16°34	16°40	29°11	6°57	W29
T 30	13 0 54	17° 5'57	10♑11	3°11	14° 4	24°20	2°22	10°17	4°29	23°35	6°26	16°34	16°37	29°18	6°54	T 30
F 31	13 4 50	18♈ 4'32	22♑50	4♑54	14♓16	24♊54	2♑36	10♑18	4♐27	23♏33	6♓27	16♋34	16♋34	29♓24	6♍51	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	4s33	20s21	2n39	11s15	2s10	5n22	8n37	23n34	1n48	9n 4	1s 1	22s38	0n35	21s 4	0n 7	17s 8	1n46	22s13	13s48	22n 7	22n17	5s57	3n 9	5s33
T 2	4 10	21 55	1 36	10 33	2 9	5 7	8 36	23 39	1 47	9 9	1 1	22 38	0 35	21 4	0 7	17 7	1 46	22 12	13 48	22 7	22 18	5 55	3 11	5 32
F 3	3 46	22 19	0 30	9 50	2 6	4 51	8 35	23 43	1 47	9 14	1 1	22 38	0 35	21 4	0 7	17 7	1 46	22 12	13 48	22 7	22 18	5 52	3 14	5 32
S 4	3 23	21 36	0s36	9 5	2 4	4 34	8 32	23 48	1 47	9 19	1 1	22 37	0 35	21 4	0 7	17 7	1 46	22 11	13 48	22 7	22 19	5 50	3 16	5 32
S 5	2 59	19 52	1 39	8 20	2 1	4 16	8 29	23 52	1 47	9 24	1 0	22 37	0 35	21 4	0 7	17 7	1 46	22 11	13 48	22 7	22 19	5 47	3 18	5 31
M 6	2 36	17 16	2 36	7 33	1 57	3 58	8 25	23 57	1 47	9 29	1 0	22 37	0 35	21 4	0 7	17 7	1 46	22 10	13 48	22 8	22 20	5 45	3 20	5 31
T 7	2 12	13 58	3 27	6 44	1 53	3 38	8 20	24 1	1 46	9 33	1 0	22 37	0 35	21 4	0 7	17 6	1 46	22 10	13 48	22 9	22 20	5 43	3 22	5 30
W 8	1 48	10 7	4 8	5 55	1 48	3 19	8 14	24 5	1 46	9 38	1 0	22 37	0 35	21 4	0 7	17 6	1 46	22 9	13 49	22 10	22 20	5 40	3 24	5 30
T 9	1 25	5 53	4 38	5 4	1 43	2 59	8 7	24 9	1 46	9 43	1 0	22 36	0 35	21 3	0 7	17 6	1 46	22 9	13 49	22 12	22 21	5 38	3 26	5 30
F 10	1 1	1 27	4 56	4 12	1 37	2 38	7 59	24 13	1 46	9 48	1 0	22 36	0 35	21 3	0 7	17 6	1 47	22 8	13 49	22 14	22 21	5 35	3 28	5 29
S 11	0 37	3n 4	5 1	3 19	1 31	2 18	7 50	24 17	1 46	9 53	1 0	22 36	0 35	21 3	0 7	17 6	1 47	22 8	13 49	22 16	22 22	5 33	3 30	5 29
S 12	0 14	7 29	4 53	2 25	1 24	1 58	7 41	24 21	1 45	9 58	0 59	22 36	0 35	21 3	0 7	17 5	1 47	22 7	13 49	22 17	22 22	5 31	3 32	5 28
M13	0n10	11 39	4 32	1 30	1 16	1 37	7 31	24 24	1 45	10 3	0 59	22 36	0 35	21 3	0 7	17 5	1 47	22 7	13 49	22 19	22 23	5 28	3 34	5 28
T 14	0 34	15 25	3 59	0 34	1 8	1 17	7 21	24 28	1 45	10 8	0 59	22 35	0 35	21 3	0 7	17 5	1 47	22 7	13 49	22 20	22 23	5 26	3 36	5 27
W15	0 57	18 34	3 13	0n22	1 0	0 57	7 10	24 31	1 45	10 13	0 59	22 35	0 35	21 3	0 7	17 5	1 47	22 6	13 50	22 20	22 23	5 23	3 38	5 27
T 16	1 21	20 55	2 18	1 19	0 51	0 38	6 59	24 34	1 44	10 18	0 59	22 35	0 35	21 3	0 7	17 4	1 47	22 6	13 50	22 21	22 24	5 21	3 40	5 26
F 17	1 44	22 15	1 14	2 17	0 42	0 19	6 47	24 37	1 44	10 22	0 59	22 35	0 35	21 3	0 7	17 4	1 47	22 5	13 50	22 21	22 24	5 19	3 42	5 26
S 18	2 8	22 23	0 5	3 15	0 32	0 1	6 35	24 40	1 44	10 27	0 59	22 35	0 35	21 2	0 7	17 4	1 47	22 5	13 50	22 21	22 25	5 16	3 44	5 25
S 19	2 31	21 12	1n 7	4 14	0 22	0s17	6 23	24 43	1 44	10 32	0 58	22 35	0 35	21 2	0 7	17 4	1 47	22 5	13 50	22 21	22 25	5 14	3 46	5 25
M20	2 55	18 40	2 18	5 12	0 11	0 34	6 10	24 46	1 43	10 37	0 58	22 34	0 35	21 2	0 7	17 3	1 47	22 4	13 51	22 21	22 25	5 11	3 47	5 24
T 21	3 18	14 52	3 21	6 10	0 1	0 50	5 57	24 48	1 43	10 42	0 58	22 34	0 35	21 2	0 7	17 3	1 47	22 4	13 51	22 22	22 26	5 9	3 49	5 23
W22	3 41	10 3	4 12	7 8	0n10	1 5	5 44	24 51	1 43	10 47	0 58	22 34	0 35	21 2	0 7	17 3	1 47	22 4	13 51	22 23	22 26	5 7	3 51	5 23
T 23	4 4	4 32	4 46	8 6	0 22	1 20	5 31	24 53	1 43	10 52	0 58	22 34	0 35	21 2	0 7	17 2	1 47	22 3	13 51	22 24	22 27	5 4	3 53	5 22
F 24	4 28	1s18	5 0	9 2	0 33	1 34	5 18	24 55	1 42	10 57	0 58	22 34	0 35	21 1	0 7	17 2	1 47	22 3	13 51	22 25	22 27	5 2	3 55	5 22
S 25	4 51	7 0	4 53	9 57	0 44	1 46	5 5	24 57	1 42	11 2	0 58	22 34	0 35	21 1	0 7	17 2	1 47	22 3	13 52	22 27	22 27	4 59	3 57	5 21
S 26	5 14	12 12	4 25	10 51	0 56	1 58	4 52	24 59	1 42	11 7	0 58	22 34	0 35	21 1	0 7	17 2	1 47	22 2	13 52	22 28	22 28	4 57	3 58	5 20
M27	5 36	16 32	3 41	11 43	1 7	2 9	4 39	25 1	1 42	11 12	0 58	22 34	0 35	21 1	0 7	17 1	1 47	22 2	13 52	22 29	22 28	4 54	4 0	5 20
T 28	5 59	19 48	2 45	12 34	1 18	2 19	4 26	25 2	1 41	11 17	0 58	22 34	0 34	21 1	0 7	17 1	1 47	22 2	13 52	22 29	22 29	4 52	4 2	5 19
W29	6 22	21 49	1 41	13 23	1 28	2 28	4 13	25 4	1 41	11 22	0 57	22 33	0 34	21 0	0 7	17 1	1 47	22 1	13 52	22 30	22 29	4 50	4 4	5 18
T 30	6 44	22 35	0 34	14 10	1 38	2 36	4 0	25 5	1 41	11 27	0 57	22 33	0 34	21 0	0 7	17 0	1 47	22 1	13 53	22 30	22 29	4 47	4 5	5 18
F 31	7n 7	22s 8	0s33	14n54	1n48	2s43	3n47	25n 6	1n40	11n31	0s57	22s33	0n34	21s 0	0n 7	17s 0	1n47	22s 1	13s53	22n30	22n30	4s45	4n 7	5s17

Julian Day Number = 2200325.5, Delta T = 10m05s
Ecliptic obliquity = 23°31'41, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°08'49, Lahiri = 14°15'50 Julian Calendar 1 March 1312 == Greg. Calendar 9 March 1312

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ASTRODIENST EPHEMERIS for the year 1312
geocentric

APRIL 1312 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	13 8 47	19♈ 3'07	5♒ 9	6♉34	14♓31	25♊28	2♉50	10♑19	4°R26	23°R32	6♓28	16°R33	16♋31	29♓31	6°R48	S 1
S 2	13 12 44	20° 1'39	17°15	8° 9	14°47	26° 2	3° 4	10°20	4♐24	23♏31	6°29	16♋31	16°28	29°38	6♍46	S 2
M 3	13 16 40	21° 0'10	29°12	9°41	15° 5	26°36	3°18	10°21	4°23	23°30	6°31	16°26	16°24	29°44	6°43	M 3
T 4	13 20 37	21°58'39	11♓ 4	11° 8	15°25	27°10	3°32	10°21	4°21	23°28	6°32	16°19	16°21	29°51	6°41	T 4
W 5	13 24 33	22°57'06	22°54	12°30	15°47	27°44	3°47	10°22	4°19	23°27	6°33	16° 8	16°18	29°58	6°38	W 5
T 6	13 28 30	23°55'31	4♈45	13°48	16°10	28°18	4° 1	10°23	4°18	23°26	6°34	15°56	16°15	0♈ 5	6°36	T 6
F 7	13 32 26	24°53'55	16°39	15° 1	16°35	28°52	4°15	10°23	4°16	23°24	6°35	15°42	16°12	0°11	6°34	F 7
S 8	13 36 23	25°52'17	28°38	16° 9	17° 2	29°27	4°29	10°24	4°14	23°23	6°36	15°28	16° 9	0°18	6°32	S 8
S 9	13 40 19	26°50'37	10♉43	17°13	17°31	0♋ 1	4°43	10°24	4°13	23°21	6°38	15°15	16° 5	0°25	6°30	S 9
M10	13 44 16	27°48'55	22°54	18°11	18° 1	0°36	4°57	10°24	4°11	23°20	6°39	15° 4	16° 2	0°32	6°28	M10
T 11	13 48 13	28°47'11	5♊14	19° 4	18°32	1°10	5°12	10°R24	4° 9	23°19	6°40	14°56	15°59	0°38	6°26	T 11
W12	13 52 9	29°45'25	17°44	19°52	19° 5	1°45	5°26	10°24	4° 7	23°17	6°41	14°50	15°56	0°45	6°25	W12
T 13	13 56 6	0♉43'38	0♋26	20°35	19°39	2°19	5°40	10°24	4° 5	23°16	6°42	14°47	15°53	0°52	6°23	T 13
F 14	14 0 2	1°41'48	13°24	21°12	20°14	2°54	5°54	10°24	4° 3	23°14	6°43	14°D47	15°50	0°58	6°22	F 14
S 15	14 3 59	2°39'57	26°39	21°45	20°51	3°29	6° 9	10°24	4° 1	23°13	6°44	14°R47	15°46	1° 5	6°20	S 15
S 16	14 7 55	3°38'03	10♌15	22°11	21°29	4° 3	6°23	10°23	3°59	23°11	6°45	14°47	15°43	1°12	6°19	S 16
M17	14 11 52	4°36'07	24°15	22°33	22° 7	4°38	6°37	10°23	3°57	23°10	6°46	14°45	15°40	1°19	6°18	M17
T 18	14 15 48	5°34'10	8♍37	22°49	22°47	5°13	6°51	10°22	3°55	23° 8	6°47	14°42	15°37	1°25	6°17	T 18
W19	14 19 45	6°32'10	23°19	23° 0	23°28	5°48	7° 5	10°21	3°53	23° 7	6°48	14°36	15°34	1°32	6°16	W19
T 20	14 23 42	7°30'08	8♎17	23° 5	24°11	6°23	7°20	10°21	3°51	23° 5	6°49	14°28	15°30	1°39	6°15	T 20
F 21	14 27 38	8°28'05	23°23	23°R 6	24°54	6°57	7°34	10°20	3°49	23° 4	6°50	14°18	15°27	1°45	6°15	F 21
S 22	14 31 35	9°26'00	8♏25	23° 1	25°38	7°32	7°48	10°19	3°47	23° 2	6°50	14° 9	15°24	1°52	6°14	S 22
S 23	14 35 31	10°23'53	23°16	22°52	26°23	8° 7	8° 2	10°18	3°45	23° 0	6°51	14° 0	15°21	1°59	6°14	S 23
M24	14 39 28	11°21'45	7♐45	22°39	27° 8	8°42	8°17	10°17	3°42	22°59	6°52	13°53	15°18	2° 6	6°13	M24
T 25	14 43 24	12°19'36	21°49	22°21	27°55	9°17	8°31	10°15	3°40	22°57	6°53	13°49	15°15	2°12	6°13	T 25
W26	14 47 21	13°17'25	5♑25	21°59	28°42	9°53	8°45	10°14	3°38	22°56	6°54	13°47	15°11	2°19	6°D13	W26
T 27	14 51 17	14°15'14	18°33	21°34	29°31	10°28	8°59	10°13	3°36	22°54	6°55	13°D47	15° 8	2°26	6°13	T 27
F 28	14 55 14	15°13'01	1♒17	21° 6	0♈20	11° 3	9°13	10°11	3°33	22°52	6°55	13°47	15° 5	2°32	6°13	F 28
S 29	14 59 11	16°10'46	13°40	20°35	1° 9	11°38	9°28	10° 9	3°31	22°51	6°56	13°R48	15° 2	2°39	6°13	S 29
S 30	15 3 7	17♉ 8'31	25♒48	20♉ 3	2♈ 0	12♋13	9♉42	10♑ 8	3♐29	22♏49	6♓57	13♋48	14♋59	2♈46	6♍14	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	7n29	20s37	1s37	15n36	1n57	2s49	3n35	25n 7	1n40	11n36	0s57	22s33	0n34	21s 0	0n 7	17s 0	1n47	22s 1	13s53	22n30	22n30	4s42	4n 9	5s16
S 2	7 51	18 10	2 35	16 16	2 6	2 54	3 23	25 8	1 40	11 41	0 57	22 33	0 34	20 59	0 7	16 59	1 47	22 0	13 53	22 30	22 31	4 40	4 10	5 16
M 3	8 14	14 59	3 25	16 53	2 14	2 58	3 11	25 9	1 40	11 46	0 57	22 33	0 34	20 59	0 7	16 59	1 47	22 0	13 54	22 31	22 31	4 37	4 12	5 15
T 4	8 36	11 14	4 6	17 27	2 21	3 1	2 59	25 9	1 39	11 51	0 57	22 33	0 34	20 59	0 7	16 58	1 48	22 0	13 54	22 32	22 31	4 35	4 13	5 14
W 5	8 57	7 3	4 36	17 59	2 28	3 4	2 47	25 10	1 39	11 56	0 57	22 33	0 34	20 58	0 7	16 58	1 48	22 0	13 54	22 33	22 32	4 32	4 15	5 14
T 6	9 19	2 36	4 54	18 28	2 33	3 5	2 35	25 10	1 39	12 1	0 57	22 33	0 34	20 58	0 7	16 58	1 48	21 59	13 54	22 34	22 32	4 30	4 16	5 13
F 7	9 41	1n57	5 0	18 55	2 38	3 6	2 24	25 10	1 39	12 6	0 57	22 33	0 34	20 58	0 7	16 57	1 48	21 59	13 55	22 36	22 32	4 28	4 18	5 12
S 8	10 2	6 29	4 52	19 19	2 42	3 6	2 13	25 10	1 38	12 11	0 56	22 33	0 34	20 57	0 7	16 57	1 48	21 59	13 55	22 38	22 33	4 25	4 19	5 12
S 9	10 23	10 48	4 31	19 40	2 45	3 4	2 2	25 10	1 38	12 15	0 56	22 33	0 34	20 57	0 7	16 57	1 48	21 59	13 55	22 39	22 33	4 23	4 21	5 11
M10	10 44	14 44	3 58	19 58	2 47	3 3	1 52	25 9	1 38	12 20	0 56	22 33	0 34	20 57	0 7	16 56	1 48	21 59	13 56	22 40	22 34	4 20	4 22	5 10
T 11	11 5	18 5	3 13	20 14	2 47	3 0	1 41	25 9	1 37	12 25	0 56	22 33	0 34	20 56	0 7	16 56	1 48	21 59	13 56	22 41	22 34	4 18	4 23	5 9
W12	11 26	20 40	2 18	20 27	2 47	2 56	1 31	25 8	1 37	12 30	0 56	22 33	0 34	20 56	0 7	16 56	1 48	21 58	13 56	22 42	22 34	4 15	4 25	5 9
T 13	11 46	22 16	1 15	20 37	2 46	2 52	1 21	25 7	1 37	12 35	0 56	22 33	0 34	20 56	0 7	16 55	1 48	21 58	13 56	22 42	22 35	4 13	4 26	5 8
F 14	12 6	22 44	0 7	20 45	2 43	2 47	1 12	25 6	1 36	12 39	0 56	22 33	0 34	20 55	0 7	16 55	1 48	21 58	13 57	22 42	22 35	4 10	4 27	5 7
S 15	12 27	21 56	1n 3	20 50	2 40	2 41	1 2	25 5	1 36	12 44	0 56	22 33	0 34	20 55	0 7	16 54	1 48	21 58	13 57	22 42	22 36	4 8	4 28	5 6
S 16	12 46	19 50	2 11	20 53	2 35	2 35	0 53	25 4	1 36	12 49	0 56	22 33	0 34	20 55	0 7	16 54	1 48	21 58	13 57	22 42	22 36	4 5	4 29	5 6
M17	13 6	16 31	3 13	20 53	2 29	2 28	0 44	25 2	1 36	12 54	0 56	22 33	0 34	20 54	0 7	16 54	1 48	21 58	13 58	22 42	22 36	4 3	4 31	5 5
T 18	13 26	12 9	4 5	20 50	2 22	2 20	0 35	25 1	1 35	12 58	0 56	22 33	0 34	20 54	0 7	16 53	1 48	21 58	13 58	22 43	22 37	4 0	4 32	5 4
W19	13 45	6 59	4 42	20 45	2 14	2 11	0 27	24 59	1 35	13 3	0 56	22 33	0 34	20 54	0 7	16 53	1 48	21 58	13 58	22 44	22 37	3 58	4 33	5 3
T 20	14 4	1 18	5 1	20 37	2 5	2 2	0 19	24 57	1 35	13 8	0 56	22 34	0 34	20 53	0 7	16 52	1 48	21 58	13 59	22 44	22 37	3 55	4 34	5 3
F 21	14 23	4s29	4 59	20 27	1 54	1 52	0 11	24 55	1 34	13 13	0 56	22 34	0 34	20 53	0 7	16 52	1 48	21 58	13 59	22 45	22 38	3 53	4 35	5 2
S 22	14 41	10 0	4 36	20 15	1 43	1 42	0 3	24 53	1 34	13 17	0 56	22 34	0 34	20 52	0 7	16 52	1 48	21 58	13 59	22 46	22 38	3 50	4 35	5 1
S 23	15 0	14 52	3 55	20 0	1 30	1 31	0s 5	24 50	1 34	13 22	0 55	22 34	0 34	20 52	0 7	16 51	1 48	21 58	14 0	22 47	22 38	3 48	4 36	5 0
M24	15 18	18 44	3 0	19 44	1 16	1 20	0 12	24 48	1 33	13 27	0 55	22 34	0 34	20 52	0 7	16 51	1 48	21 58	14 0	22 48	22 39	3 45	4 37	5 0
T 25	15 36	21 22	1 54	19 25	1 2	1 8	0 19	24 45	1 33	13 31	0 55	22 34	0 34	20 51	0 7	16 50	1 48	21 57	14 0	22 48	22 39	3 43	4 38	4 59
W26	15 53	22 40	0 45	19 5	0 46	0 55	0 26	24 42	1 33	13 36	0 55	22 34	0 34	20 51	0 7	16 50	1 48	21 57	14 1	22 49	22 40	3 41	4 39	4 58
T 27	16 10	22 40	0s25	18 42	0 30	0 42	0 33	24 39	1 32	13 40	0 55	22 34	0 34	20 50	0 7	16 50	1 48	21 58	14 1	22 49	22 40	3 38	4 39	4 57
F 28	16 28	21 27	1 32	18 19	0 14	0 29	0 40	24 36	1 32	13 45	0 55	22 35	0 34	20 50	0 7	16 49	1 48	21 58	14 1	22 49	22 40	3 36	4 40	4 56
S 29	16 44	19 13	2 33	17 54	0s 3	0 15	0 46	24 32	1 32	13 49	0 55	22 35	0 34	20 49	0 7	16 49	1 48	21 58	14 2	22 49	22 41	3 33	4 41	4 56
S 30	17n 1	16s11	3s25	17n29	0s21	0s 0	0s52	24n29	1n32	13n54	0s55	22s35	0n34	20s49	0n 7	16s48	1n48	21s58	14s 2	22n49	22n41	3s31	4n41	4s55

Julian Day Number = 2200356.5, Delta T = 10m05s
Ecliptic obliquity = 23°31'41, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°08'53, Lahiri = 14°15'54 Julian Calendar 1 Apr. 1312 == Greg. Calendar 9 Apr. 1312

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ASTRODIENST EPHEMERIS for the year 1312
geocentric

MAY 1312 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	15 7 4	18♉ 6'14	7♓46	19°R29	2♈51	12♋49	9♉56	10°R 6	3°R26	22°R48	6♓57	13°R46	14♋56	2♈53	6♍14	M 1
T 2	15 11 0	19° 3'56	19°38	18♉54	3°42	13°24	10°10	10♊ 4	3♐24	22♏46	6°58	13♋41	14°52	2°59	6°15	T 2
W 3	15 14 57	20° 1'38	1♈29	18°19	4°35	13°59	10°24	10° 2	3°22	22°44	6°59	13°35	14°49	3° 6	6°15	W 3
T 4	15 18 53	20°59'18	13°22	17°45	5°28	14°35	10°38	10° 0	3°19	22°43	6°59	13°27	14°46	3°13	6°16	T 4
F 5	15 22 50	21°56'56	25°20	17°12	6°21	15°10	10°52	9°58	3°17	22°41	7° 0	13°17	14°43	3°20	6°17	F 5
S 6	15 26 46	22°54'34	7♉26	16°41	7°15	15°46	11° 6	9°56	3°14	22°40	7° 1	13° 8	14°40	3°26	6°18	S 6
S 7	15 30 43	23°52'11	19°41	16°11	8°10	16°21	11°20	9°53	3°12	22°38	7° 1	12°59	14°36	3°33	6°19	S 7
M 8	15 34 39	24°49'46	2♊ 6	15°45	9° 5	16°57	11°34	9°51	3°10	22°36	7° 2	12°51	14°33	3°40	6°20	M 8
T 9	15 38 36	25°47'21	14°41	15°21	10° 0	17°32	11°48	9°48	3° 7	22°35	7° 2	12°46	14°30	3°46	6°22	T 9
W10	15 42 33	26°44'54	27°28	15° 1	10°56	18° 8	12° 2	9°46	3° 5	22°33	7° 3	12°43	14°27	3°53	6°23	W10
T 11	15 46 29	27°42'26	10♋26	14°44	11°53	18°44	12°16	9°43	3° 2	22°31	7° 3	12°D42	14°24	4° 0	6°25	T 11
F 12	15 50 26	28°39'56	23°37	14°31	12°49	19°19	12°30	9°41	3° 0	22°30	7° 3	12°42	14°21	4° 7	6°27	F 12
S 13	15 54 22	29°37'25	7♌ 3	14°23	13°47	19°55	12°44	9°38	2°57	22°28	7° 4	12°43	14°17	4°13	6°28	S 13
S 14	15 58 19	0♊34'53	20°43	14°D19	14°44	20°31	12°58	9°35	2°55	22°27	7° 4	12°44	14°14	4°20	6°30	S 14
M15	16 2 15	1°32'20	4♍39	14°19	15°42	21° 6	13°12	9°32	2°52	22°25	7° 5	12°R45	14°11	4°27	6°32	M15
T 16	16 6 12	2°29'45	18°51	14°23	16°41	21°42	13°26	9°29	2°50	22°23	7° 5	12°44	14° 8	4°33	6°34	T 16
W17	16 10 9	3°27'09	3♎17	14°33	17°40	22°18	13°39	9°26	2°47	22°22	7° 5	12°41	14° 5	4°40	6°37	W17
T 18	16 14 5	4°24'32	17°53	14°46	18°39	22°54	13°53	9°23	2°45	22°20	7° 6	12°37	14° 1	4°47	6°39	T 18
F 19	16 18 2	5°21'53	2♏34	15° 4	19°38	23°30	14° 7	9°19	2°42	22°19	7° 6	12°31	13°58	4°54	6°42	F 19
S 20	16 21 58	6°19'14	17°13	15°27	20°38	24° 6	14°21	9°16	2°40	22°17	7° 6	12°26	13°55	5° 0	6°44	S 20
S 21	16 25 55	7°16'34	1♐43	15°54	21°39	24°42	14°34	9°13	2°37	22°15	7° 6	12°21	13°52	5° 7	6°47	S 21
M22	16 29 51	8°13'53	15°58	16°25	22°39	25°18	14°48	9° 9	2°35	22°14	7° 7	12°18	13°49	5°14	6°50	M22
T 23	16 33 48	9°11'11	29°52	17° 0	23°40	25°54	15° 1	9° 6	2°33	22°12	7° 7	12°16	13°46	5°21	6°52	T 23
W24	16 37 44	10° 8'29	13♑24	17°40	24°41	26°30	15°15	9° 2	2°30	22°11	7° 7	12°D15	13°42	5°27	6°55	W24
T 25	16 41 41	11° 5'46	26°31	18°23	25°42	27° 6	15°28	8°59	2°28	22° 9	7° 7	12°16	13°39	5°34	6°58	T 25
F 26	16 45 38	12° 3'02	9♒17	19°11	26°44	27°42	15°42	8°55	2°25	22° 8	7° 7	12°17	13°36	5°41	7° 2	F 26
S 27	16 49 34	13° 0'18	21°43	20° 2	27°46	28°18	15°55	8°51	2°23	22° 6	7° 7	12°19	13°33	5°47	7° 5	S 27
S 28	16 53 31	13°57'34	3♓54	20°57	28°48	28°54	16° 9	8°48	2°20	22° 5	7° 7	12°20	13°30	5°54	7° 8	S 28
M29	16 57 27	14°54'49	15°54	21°56	29°51	29°30	16°22	8°44	2°18	22° 3	7° 7	12°R20	13°27	6° 1	7°12	M29
T 30	17 1 24	15°52'04	27°49	22°59	0♉54	0♌ 6	16°35	8°40	2°16	22° 2	7°R 7	12°20	13°23	6° 8	7°15	T 30
W31	17 5 20	16♊49'19	9♈41	24♉ 5	1♉57	0♌43	16♉48	8♊36	2♐13	22♏ 0	7♓ 7	12♋18	13♋20	6♈14	7♍19	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	17n17	12s31	4s 8	17n 3	0s38	0n15	0s58	24n25	1n31	13n59	0s55	22s35	0n34	20s49	0n 7	16s48	1n48	21s58	14s 2	22n49	22n41	3s28	4n42	4s54
T 2	17 33	8 24	4 39	16 37	0 56	0 30	1 4	24 21	1 31	14 3	0 55	22 35	0 34	20 48	0 7	16 47	1 48	21 58	14 3	22 49	22 42	3 26	4 43	4 53
W 3	17 49	3 59	4 59	16 11	1 13	0 46	1 9	24 17	1 31	14 7	0 55	22 35	0 34	20 48	0 7	16 47	1 48	21 58	14 3	22 50	22 42	3 23	4 43	4 53
T 4	18 4	0n36	5 6	15 45	1 30	1 2	1 15	24 13	1 30	14 12	0 55	22 36	0 33	20 47	0 7	16 47	1 48	21 58	14 3	22 51	22 42	3 20	4 43	4 52
F 5	18 19	5 12	4 59	15 20	1 46	1 19	1 20	24 9	1 30	14 16	0 55	22 36	0 33	20 47	0 7	16 46	1 48	21 58	14 4	22 52	22 43	3 18	4 44	4 51
S 6	18 34	9 39	4 39	14 56	2 2	1 35	1 25	24 5	1 30	14 21	0 55	22 36	0 33	20 46	0 7	16 46	1 48	21 58	14 4	22 53	22 43	3 15	4 44	4 50
S 7	18 49	13 46	4 6	14 33	2 17	1 53	1 30	24 0	1 29	14 25	0 55	22 36	0 33	20 46	0 7	16 45	1 48	21 58	14 4	22 54	22 43	3 13	4 45	4 49
M 8	19 3	17 23	3 21	14 12	2 31	2 10	1 34	23 55	1 29	14 30	0 55	22 36	0 33	20 45	0 7	16 45	1 48	21 58	14 5	22 54	22 44	3 10	4 45	4 49
T 9	19 17	20 15	2 25	13 53	2 44	2 28	1 39	23 50	1 29	14 34	0 55	22 37	0 33	20 45	0 7	16 45	1 48	21 58	14 5	22 55	22 44	3 8	4 45	4 48
W10	19 30	22 9	1 21	13 35	2 56	2 46	1 43	23 45	1 28	14 38	0 55	22 37	0 33	20 44	0 7	16 44	1 48	21 59	14 5	22 55	22 44	3 5	4 45	4 47
T 11	19 43	22 55	0 12	13 20	3 7	3 4	1 47	23 40	1 28	14 42	0 55	22 37	0 33	20 44	0 7	16 44	1 48	21 59	14 6	22 55	22 45	3 3	4 45	4 46
F 12	19 56	22 25	0n59	13 7	3 17	3 23	1 51	23 35	1 28	14 47	0 55	22 37	0 33	20 44	0 7	16 43	1 48	21 59	14 6	22 55	22 45	3 0	4 45	4 46
S 13	20 9	20 39	2 8	12 56	3 26	3 42	1 54	23 29	1 27	14 51	0 55	22 38	0 33	20 43	0 7	16 43	1 48	21 59	14 6	22 55	22 45	2 58	4 45	4 45
S 14	20 21	17 39	3 11	12 48	3 33	4 1	1 58	23 23	1 27	14 55	0 55	22 38	0 33	20 43	0 7	16 43	1 48	21 59	14 7	22 55	22 46	2 55	4 46	4 44
M15	20 33	13 37	4 4	12 42	3 40	4 20	2 1	23 17	1 27	14 59	0 55	22 38	0 33	20 42	0 7	16 42	1 48	21 59	14 7	22 55	22 46	2 53	4 45	4 43
T 16	20 44	8 46	4 44	12 38	3 45	4 40	2 4	23 11	1 26	15 4	0 55	22 38	0 33	20 42	0 7	16 42	1 48	22 0	14 8	22 55	22 47	2 50	4 45	4 42
W17	20 55	3 22	5 6	12 37	3 49	5 0	2 7	23 5	1 26	15 8	0 55	22 39	0 33	20 41	0 7	16 41	1 48	22 0	14 8	22 55	22 47	2 48	4 45	4 42
T 18	21 6	2s17	5 9	12 38	3 52	5 20	2 10	22 59	1 26	15 12	0 55	22 39	0 33	20 41	0 7	16 41	1 48	22 0	14 8	22 56	22 47	2 45	4 45	4 41
F 19	21 17	7 51	4 51	12 41	3 54	5 40	2 13	22 52	1 25	15 16	0 55	22 39	0 33	20 40	0 7	16 41	1 48	22 0	14 9	22 56	22 48	2 43	4 45	4 40
S 20	21 27	12 57	4 15	12 47	3 55	6 0	2 16	22 46	1 25	15 20	0 55	22 39	0 33	20 40	0 7	16 40	1 48	22 1	14 9	22 57	22 48	2 40	4 45	4 39
S 21	21 36	17 16	3 23	12 55	3 54	6 20	2 18	22 39	1 25	15 24	0 55	22 40	0 33	20 39	0 7	16 40	1 48	22 1	14 9	22 57	22 48	2 38	4 44	4 39
M22	21 46	20 30	2 18	13 5	3 53	6 40	2 20	22 32	1 24	15 28	0 55	22 40	0 33	20 39	0 7	16 40	1 48	22 1	14 10	22 57	22 48	2 35	4 44	4 38
T 23	21 55	22 25	1 7	13 17	3 51	7 1	2 22	22 25	1 24	15 32	0 55	22 40	0 33	20 38	0 7	16 39	1 48	22 1	14 10	22 58	22 49	2 32	4 44	4 37
W24	22 3	22 57	0s 6	13 30	3 49	7 22	2 24	22 18	1 23	15 36	0 55	22 41	0 33	20 38	0 7	16 39	1 48	22 2	14 10	22 58	22 49	2 30	4 43	4 36
T 25	22 11	22 11	1 17	13 46	3 45	7 42	2 26	22 11	1 23	15 40	0 55	22 41	0 32	20 37	0 7	16 38	1 48	22 2	14 11	22 58	22 49	2 27	4 43	4 36
F 26	22 19	20 17	2 22	14 3	3 40	8 3	2 28	22 3	1 23	15 44	0 55	22 41	0 32	20 37	0 6	16 38	1 48	22 2	14 11	22 57	22 50	2 25	4 42	4 35
S 27	22 27	17 28	3 19	14 22	3 35	8 24	2 29	21 55	1 22	15 48	0 55	22 42	0 32	20 36	0 6	16 38	1 48	22 2	14 12	22 57	22 50	2 22	4 42	4 34
S 28	22 34	13 56	4 6	14 42	3 29	8 45	2 31	21 48	1 22	15 51	0 55	22 42	0 32	20 36	0 6	16 37	1 48	22 3	14 12	22 57	22 50	2 20	4 41	4 33
M29	22 40	9 53	4 41	15 4	3 22	9 6	2 32	21 40	1 22	15 55	0 55	22 42	0 32	20 36	0 6	16 37	1 48	22 3	14 12	22 57	22 51	2 17	4 41	4 33
T 30	22 46	5 31	5 4	15 26	3 15	9 26	2 33	21 32	1 21	15 59	0 55	22 42	0 32	20 35	0 6	16 37	1 48	22 3	14 13	22 57	22 51	2 15	4 40	4 32
W31	22n52	0s57	5s13	15n50	3s 7	9n47	2s34	21n23	1n21	16n 3	0s55	22s43	0n32	20s35	0n 6	16s36	1n48	22s 4	14s13	22n57	22n51	2s12	4n39	4s31

Julian Day Number = 2200386.5, Delta T = 10m05s
Ecliptic obliquity = 23°31'41, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°08'58, Lahiri = 14°15'58 Julian Calendar 1 May 1312 == Greg. Calendar 9 May 1312

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ASTRODIENST EPHEMERIS for the year 1312
geocentric

JUNE 1312 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	17 9 17	17♊46'34	21♈37	25♉15	3♉ 0	1♌19	17♉ 1	8°R32	2°R11	21°R59	7°R 7	12°R15	13♋17	6♈21	7♍23	T 1
F 2	17 13 13	18°43'48	3♉39	26°29	4° 3	1°55	17°15	8♏28	2♐ 8	21♏58	7♓ 7	12♋12	13°14	6°28	7°27	F 2
S 3	17 17 10	19°41'02	15°52	27°45	5° 7	2°32	17°28	8°24	2° 6	21°56	7° 7	12° 8	13°11	6°34	7°31	S 3
S 4	17 21 7	20°38'16	28°16	29° 6	6°11	3° 8	17°41	8°20	2° 4	21°55	7° 7	12° 5	13° 7	6°41	7°35	S 4
M 5	17 25 3	21°35'30	10♊55	0♊29	7°15	3°44	17°54	8°16	2° 2	21°53	7° 7	12° 2	13° 4	6°48	7°39	M 5
T 6	17 29 0	22°32'43	23°47	1°56	8°19	4°21	18° 6	8°12	1°59	21°52	7° 7	12° 0	13° 1	6°55	7°43	T 6
W 7	17 32 56	23°29'56	6♋55	3°27	9°24	4°57	18°19	8° 8	1°57	21°51	7° 7	11°D59	12°58	7° 1	7°48	W 7
T 8	17 36 53	24°27'09	20°16	5° 0	10°29	5°34	18°32	8° 3	1°55	21°49	7° 6	11°59	12°55	7° 8	7°52	T 8
F 9	17 40 49	25°24'22	3♌50	6°37	11°34	6°10	18°45	7°59	1°53	21°48	7° 6	12° 0	12°52	7°15	7°57	F 9
S 10	17 44 46	26°21'34	17°35	8°17	12°39	6°47	18°57	7°55	1°50	21°47	7° 6	12° 1	12°48	7°22	8° 1	S 10
S 11	17 48 42	27°18'45	1♍31	10° 0	13°44	7°23	19°10	7°51	1°48	21°46	7° 6	12° 2	12°45	7°28	8° 6	S 11
M12	17 52 39	28°15'56	15°35	11°46	14°49	8° 0	19°23	7°46	1°46	21°44	7° 5	12° 3	12°42	7°35	8°11	M12
T 13	17 56 36	29°13'07	29°46	13°35	15°55	8°37	19°35	7°42	1°44	21°43	7° 5	12°R 3	12°39	7°42	8°16	T 13
W14	18 0 32	0♋10'17	14♎ 2	15°27	17° 1	9°13	19°47	7°38	1°42	21°42	7° 5	12° 3	12°36	7°48	8°21	W14
T 15	18 4 29	1° 7'27	28°20	17°22	18° 6	9°50	20° 0	7°33	1°40	21°41	7° 4	12° 2	12°33	7°55	8°26	T 15
F 16	18 8 25	2° 4'37	12♏37	19°19	19°12	10°27	20°12	7°29	1°38	21°40	7° 4	12° 1	12°29	8° 2	8°31	F 16
S 17	18 12 22	3° 1'46	26°48	21°18	20°19	11° 3	20°24	7°24	1°36	21°39	7° 4	12° 0	12°26	8° 9	8°36	S 17
S 18	18 16 18	3°58'56	10♐51	23°20	21°25	11°40	20°36	7°20	1°34	21°37	7° 3	11°59	12°23	8°15	8°42	S 18
M19	18 20 15	4°56'05	24°41	25°24	22°32	12°17	20°48	7°16	1°32	21°36	7° 3	11°59	12°20	8°22	8°47	M19
T 20	18 24 11	5°53'15	8♑15	27°29	23°38	12°54	21° 0	7°11	1°30	21°35	7° 2	11°D58	12°17	8°29	8°53	T 20
W21	18 28 8	6°50'25	21°33	29°36	24°45	13°31	21°12	7° 7	1°28	21°34	7° 2	11°59	12°13	8°36	8°58	W21
T 22	18 32 5	7°47'35	4♒32	1♋44	25°52	14° 8	21°24	7° 2	1°26	21°33	7° 1	11°59	12°10	8°42	9° 4	T 22
F 23	18 36 1	8°44'45	17°13	3°52	26°59	14°45	21°36	6°58	1°25	21°32	7° 1	11°59	12° 7	8°49	9°10	F 23
S 24	18 39 58	9°41'56	29°38	6° 1	28° 6	15°21	21°47	6°54	1°23	21°31	7° 0	11°59	12° 4	8°56	9°16	S 24
S 25	18 43 54	10°39'07	11♓49	8°10	29°14	15°58	21°59	6°49	1°21	21°30	7° 0	12° 0	12° 1	9° 2	9°21	S 25
M26	18 47 51	11°36'19	23°50	10°19	0♊21	16°35	22°10	6°45	1°19	21°29	6°59	12°R 0	11°58	9° 9	9°27	M26
T 27	18 51 47	12°33'31	5♈45	12°28	1°29	17°12	22°22	6°40	1°18	21°29	6°58	12° 0	11°54	9°16	9°33	T 27
W28	18 55 44	13°30'44	17°39	14°36	2°36	17°50	22°33	6°36	1°16	21°28	6°58	12°D 0	11°51	9°23	9°40	W28
T 29	18 59 40	14°27'57	29°35	16°44	3°44	18°27	22°44	6°32	1°14	21°27	6°57	12° 0	11°48	9°29	9°46	T 29
F 30	19 3 37	15♋25'12	11♉39	18♋50	4♊52	19♌ 4	22♉55	6♏27	1♐13	21♏26	6♓56	12♋ 0	11♋45	9♈36	9♍52	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n58	3n40	5s 9	16n15	2s59	10n 8	2s35	21n15	1n21	16n 7	0s55	22s43	0n32	20s34	0n 6	16s36	1n48	22s 4	14s13	22n58	22n52	2s 9	4n39	4s30
F 2	23 3	8 12	4 52	16 41	2 50	10 29	2 35	21 7	1 20	16 10	0 55	22 43	0 32	20 34	0 6	16 36	1 47	22 4	14 14	22 58	22 52	2 7	4 38	4 30
S 3	23 7	12 29	4 21	17 8	2 40	10 50	2 36	20 58	1 20	16 14	0 55	22 44	0 32	20 33	0 6	16 35	1 47	22 5	14 14	22 58	22 52	2 4	4 37	4 29
S 4	23 12	16 19	3 38	17 35	2 30	11 10	2 36	20 49	1 20	16 18	0 55	22 44	0 32	20 33	0 6	16 35	1 47	22 5	14 14	22 59	22 53	2 2	4 36	4 28
M 5	23 16	19 29	2 43	18 3	2 20	11 31	2 37	20 40	1 19	16 21	0 55	22 44	0 32	20 32	0 6	16 35	1 47	22 6	14 15	22 59	22 53	1 59	4 35	4 28
T 6	23 19	21 44	1 39	18 31	2 9	11 51	2 37	20 31	1 19	16 25	0 55	22 45	0 32	20 32	0 6	16 34	1 47	22 6	14 15	22 59	22 53	1 57	4 35	4 27
W 7	23 22	22 53	0 28	18 59	1 58	12 12	2 37	20 22	1 18	16 28	0 55	22 45	0 32	20 31	0 6	16 34	1 47	22 6	14 16	22 59	22 54	1 54	4 34	4 26
T 8	23 25	22 45	0n46	19 28	1 47	12 32	2 37	20 13	1 18	16 32	0 55	22 45	0 32	20 31	0 6	16 34	1 47	22 7	14 16	22 59	22 54	1 52	4 33	4 25
F 9	23 27	21 16	1 58	19 56	1 35	12 52	2 37	20 3	1 18	16 35	0 55	22 46	0 32	20 31	0 6	16 33	1 47	22 7	14 16	22 59	22 54	1 49	4 31	4 25
S 10	23 29	18 32	3 4	20 24	1 23	13 12	2 36	19 54	1 17	16 39	0 55	22 46	0 31	20 30	0 6	16 33	1 47	22 8	14 17	22 59	22 55	1 46	4 30	4 24
S 11	23 30	14 43	4 0	20 51	1 11	13 32	2 36	19 44	1 17	16 42	0 55	22 46	0 31	20 30	0 6	16 33	1 47	22 8	14 17	22 59	22 55	1 44	4 29	4 23
M12	23 31	10 3	4 43	21 18	0 59	13 52	2 36	19 34	1 17	16 46	0 55	22 47	0 31	20 29	0 6	16 33	1 47	22 8	14 17	22 59	22 55	1 41	4 28	4 23
T 13	23 32	4 49	5 9	21 44	0 47	14 11	2 35	19 24	1 16	16 49	0 55	22 47	0 31	20 29	0 6	16 32	1 47	22 9	14 18	22 59	22 55	1 39	4 27	4 22
W14	23 32	0s42	5 16	22 9	0 35	14 31	2 34	19 14	1 16	16 52	0 55	22 47	0 31	20 29	0 6	16 32	1 47	22 9	14 18	22 59	22 56	1 36	4 26	4 21
T 15	23 31	6 12	5 3	22 32	0 23	14 50	2 33	19 4	1 16	16 55	0 55	22 48	0 31	20 28	0 6	16 32	1 47	22 10	14 18	22 59	22 56	1 33	4 24	4 21
F 16	23 31	11 21	4 32	22 54	0 12	15 9	2 33	18 53	1 15	16 59	0 55	22 48	0 31	20 28	0 6	16 32	1 47	22 10	14 19	22 59	22 56	1 31	4 23	4 20
S 17	23 30	15 52	3 45	23 14	0 0	15 27	2 32	18 43	1 15	17 2	0 55	22 48	0 31	20 27	0 6	16 31	1 47	22 11	14 19	22 59	22 57	1 28	4 22	4 19
S 18	23 28	19 27	2 44	23 33	0n11	15 46	2 30	18 32	1 14	17 5	0 55	22 49	0 31	20 27	0 6	16 31	1 47	22 11	14 19	22 59	22 57	1 26	4 20	4 19
M19	23 26	21 51	1 34	23 49	0 22	16 4	2 29	18 22	1 14	17 8	0 55	22 49	0 31	20 27	0 6	16 31	1 47	22 12	14 20	22 59	22 57	1 23	4 19	4 18
T 20	23 24	22 56	0 21	24 2	0 32	16 22	2 28	18 11	1 14	17 11	0 55	22 49	0 31	20 26	0 6	16 31	1 47	22 12	14 20	22 59	22 58	1 21	4 17	4 17
W21	23 21	22 40	0s53	24 14	0 42	16 39	2 27	18 0	1 13	17 14	0 55	22 50	0 31	20 26	0 6	16 30	1 47	22 13	14 20	22 59	22 58	1 18	4 16	4 17
T 22	23 18	21 10	2 2	24 22	0 51	16 57	2 25	17 49	1 13	17 18	0 55	22 50	0 30	20 25	0 6	16 30	1 47	22 13	14 21	22 59	22 58	1 15	4 14	4 16
F 23	23 14	18 38	3 3	24 28	1 0	17 14	2 24	17 38	1 12	17 21	0 55	22 50	0 30	20 25	0 6	16 30	1 47	22 14	14 21	22 59	22 58	1 13	4 13	4 16
S 24	23 10	15 18	3 54	24 32	1 8	17 30	2 22	17 26	1 12	17 24	0 55	22 51	0 30	20 25	0 6	16 30	1 47	22 14	14 21	22 59	22 59	1 10	4 11	4 15
S 25	23 6	11 22	4 34	24 32	1 16	17 47	2 20	17 15	1 12	17 26	0 55	22 51	0 30	20 24	0 6	16 30	1 47	22 15	14 22	22 59	22 59	1 8	4 10	4 14
M26	23 1	7 4	5 1	24 30	1 22	18 3	2 18	17 3	1 11	17 29	0 55	22 51	0 30	20 24	0 6	16 29	1 46	22 15	14 22	22 59	22 59	1 5	4 8	4 14
T 27	22 56	2 31	5 15	24 24	1 28	18 18	2 17	16 52	1 11	17 32	0 55	22 52	0 30	20 24	0 6	16 29	1 46	22 16	14 22	22 59	23 0	1 2	4 6	4 13
W28	22 50	2n 6	5 15	24 16	1 33	18 34	2 15	16 40	1 10	17 35	0 55	22 52	0 30	20 23	0 6	16 29	1 46	22 16	14 23	22 59	23 0	1 0	4 5	4 13
T 29	22 44	6 39	5 2	24 6	1 38	18 48	2 13	16 28	1 10	17 38	0 55	22 52	0 30	20 23	0 6	16 29	1 46	22 17	14 23	22 59	23 0	0 57	4 3	4 12
F 30	22n38	11n 1	4s36	23n52	1n41	19n 3	2s10	16n16	1n10	17n41	0s55	22s53	0n30	20s23	0n 6	16s29	1n46	22s17	14s23	22n59	23n 0	0s55	4n 1	4s11

Julian Day Number = 2200417.5, Delta T = 10m05s
Ecliptic obliquity = 23°31'40, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°09'02, Lahiri = 14°16'02 Julian Calendar 1 June 1312 == Greg. Calendar 9 June 1312

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ASTRODIENST EPHEMERIS for the year 1312
geocentric

JULY 1312 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	19 7 34	16♋22'27	23♉55	20♋56	6♊ 0	19♌41	23♉ 6	6°R23	1°R11	21°R25	6°R56	12♋ 0	11♋42	9♈43	9♍58	S 1
S 2	19 11 30	17°19'43	6♊25	23° 0	7° 9	20°18	23°17	6♂19	1♐10	21♏25	6♓55	12° 1	11°39	9°49	10° 5	S 2
M 3	19 15 27	18°16'59	19°14	25° 2	8°17	20°55	23°28	6°14	1° 9	21°24	6°54	12° 1	11°35	9°56	10°11	M 3
T 4	19 19 23	19°14'17	2♋21	27° 3	9°26	21°33	23°39	6°10	1° 7	21°23	6°54	12° 2	11°32	10° 3	10°18	T 4
W 5	19 23 20	20°11'35	15°48	29° 3	10°34	22°10	23°49	6° 6	1° 6	21°23	6°53	12°R 2	11°29	10°10	10°24	W 5
T 6	19 27 16	21° 8'54	29°33	1♌ 1	11°43	22°47	24° 0	6° 2	1° 4	21°22	6°52	12° 2	11°26	10°16	10°31	T 6
F 7	19 31 13	22° 6'13	13♌34	2°57	12°52	23°25	24°10	5°57	1° 3	21°21	6°51	12° 1	11°23	10°23	10°38	F 7
S 8	19 35 10	23° 3'33	27°46	4°52	14° 0	24° 2	24°21	5°53	1° 2	21°21	6°50	12° 0	11°19	10°30	10°45	S 8
S 9	19 39 6	24° 0'53	12♍ 6	6°45	15° 9	24°39	24°31	5°49	1° 1	21°20	6°50	11°58	11°16	10°37	10°52	S 9
M10	19 43 3	24°58'14	26°29	8°37	16°19	25°17	24°41	5°45	1° 0	21°20	6°49	11°57	11°13	10°43	10°58	M10
T 11	19 46 59	25°55'35	10♎50	10°26	17°28	25°54	24°51	5°41	0°59	21°19	6°48	11°56	11°10	10°50	11° 5	T 11
W12	19 50 56	26°52'57	25° 6	12°14	18°37	26°32	25° 1	5°37	0°58	21°19	6°47	11°D55	11° 7	10°57	11°13	W12
T 13	19 54 52	27°50'20	9♏15	14° 1	19°46	27° 9	25°11	5°33	0°57	21°18	6°46	11°56	11° 4	11° 3	11°20	T 13
F 14	19 58 49	28°47'43	23°14	15°45	20°56	27°47	25°21	5°29	0°56	21°18	6°45	11°57	11° 0	11°10	11°27	F 14
S 15	20 2 45	29°45'07	7♐ 2	17°28	22° 5	28°25	25°30	5°25	0°55	21°18	6°44	11°58	10°57	11°17	11°34	S 15
S 16	20 6 42	0♌42'31	20°38	19°10	23°15	29° 2	25°40	5°22	0°54	21°17	6°43	11°59	10°54	11°24	11°41	S 16
M17	20 10 39	1°39'57	4♑ 2	20°50	24°25	29°40	25°49	5°18	0°53	21°17	6°42	12° 0	10°51	11°30	11°49	M17
T 18	20 14 35	2°37'23	17°12	22°28	25°35	0♍18	25°58	5°14	0°52	21°17	6°41	12°R 0	10°48	11°37	11°56	T 18
W19	20 18 32	3°34'50	0♒10	24° 4	26°45	0°55	26° 7	5°11	0°52	21°16	6°40	11°59	10°45	11°44	12° 3	W19
T 20	20 22 28	4°32'18	12°54	25°39	27°55	1°33	26°16	5° 7	0°51	21°16	6°39	11°57	10°41	11°51	12°11	T 20
F 21	20 26 25	5°29'47	25°25	27°12	29° 5	2°11	26°25	5° 4	0°50	21°16	6°38	11°54	10°38	11°57	12°18	F 21
S 22	20 30 21	6°27'18	7♓43	28°44	0♋15	2°49	26°34	5° 0	0°50	21°16	6°37	11°50	10°35	12° 4	12°26	S 22
S 23	20 34 18	7°24'49	19°51	0♍14	1°25	3°27	26°43	4°57	0°49	21°16	6°36	11°46	10°32	12°11	12°34	S 23
M24	20 38 14	8°22'22	1♈51	1°42	2°36	4° 5	26°51	4°53	0°49	21°16	6°35	11°42	10°29	12°17	12°41	M24
T 25	20 42 11	9°19'57	13°45	3° 9	3°46	4°42	26°59	4°50	0°48	21°16	6°34	11°39	10°25	12°24	12°49	T 25
W26	20 46 8	10°17'33	25°38	4°34	4°57	5°20	27° 8	4°47	0°48	21°D16	6°33	11°37	10°22	12°31	12°57	W26
T 27	20 50 4	11°15'10	7♉33	5°57	6° 8	5°58	27°16	4°44	0°48	21°16	6°32	11°D35	10°19	12°38	13° 5	T 27
F 28	20 54 1	12°12'49	19°35	7°18	7°18	6°36	27°24	4°41	0°47	21°16	6°31	11°36	10°16	12°44	13°12	F 28
S 29	20 57 57	13°10'30	1♊50	8°38	8°29	7°15	27°31	4°38	0°47	21°16	6°30	11°37	10°13	12°51	13°20	S 29
S 30	21 1 54	14° 8'12	14°21	9°56	9°40	7°53	27°39	4°35	0°47	21°16	6°29	11°38	10°10	12°58	13°28	S 30
M31	21 5 50	15♌ 5'56	27♊12	11♍12	10♋51	8♍31	27♉47	4♑32	0♐47	21♏16	6♓27	11♋40	10♋ 6	13♈ 4	13♍36	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n31	15n 0	3s56	23n37	1n44	19n17	2s 8	16n 4	1n 9	17n43	0s55	22s53	0n30	20s23	0n 6	16s29	1n46	22s18	14s24	22n59	23n 1	0s52	3n59	4s11
S 2	22 24	18 26	3 5	23 19	1 47	19 31	2 6	15 52	1 9	17 46	0 56	22 53	0 30	20 22	0 6	16 28	1 46	22 18	14 24	22 59	23 1	0 49	3 57	4 10
M 3	22 16	21 3	2 3	22 58	1 48	19 44	2 4	15 39	1 9	17 49	0 56	22 53	0 29	20 22	0 6	16 28	1 46	22 19	14 24	22 59	23 1	0 47	3 55	4 10
T 4	22 9	22 37	0 53	22 36	1 49	19 57	2 1	15 27	1 8	17 51	0 56	22 54	0 29	20 22	0 6	16 28	1 46	22 20	14 24	22 59	23 1	0 44	3 53	4 9
W 5	22 0	22 56	0n21	22 12	1 49	20 9	1 59	15 14	1 8	17 54	0 56	22 54	0 29	20 21	0 6	16 28	1 46	22 20	14 25	22 59	23 2	0 41	3 52	4 9
T 6	21 51	21 53	1 35	21 46	1 48	20 21	1 57	15 2	1 7	17 57	0 56	22 54	0 29	20 21	0 6	16 28	1 46	22 21	14 25	22 59	23 2	0 39	3 50	4 8
F 7	21 42	19 27	2 46	21 18	1 47	20 32	1 54	14 49	1 7	17 59	0 56	22 55	0 29	20 21	0 6	16 28	1 46	22 21	14 25	22 59	23 2	0 36	3 47	4 7
S 8	21 33	15 50	3 47	20 49	1 45	20 43	1 51	14 36	1 7	18 2	0 56	22 55	0 29	20 21	0 6	16 28	1 46	22 22	14 26	22 59	23 3	0 34	3 45	4 7
S 9	21 23	11 16	4 34	20 19	1 43	20 54	1 49	14 23	1 6	18 4	0 56	22 55	0 29	20 20	0 6	16 28	1 46	22 22	14 26	22 59	23 3	0 31	3 43	4 6
M10	21 13	6 3	5 4	19 47	1 40	21 4	1 46	14 10	1 6	18 6	0 56	22 55	0 29	20 20	0 6	16 28	1 46	22 23	14 26	22 59	23 3	0 28	3 41	4 6
T 11	21 2	0 32	5 16	19 14	1 37	21 13	1 43	13 57	1 5	18 9	0 56	22 56	0 29	20 20	0 6	16 27	1 46	22 23	14 26	22 59	23 3	0 26	3 39	4 5
W12	20 52	4s59	5 8	18 40	1 33	21 22	1 41	13 44	1 5	18 11	0 56	22 56	0 29	20 20	0 6	16 27	1 46	22 24	14 27	22 59	23 4	0 23	3 37	4 5
T 13	20 40	10 11	4 41	18 6	1 28	21 30	1 38	13 31	1 4	18 13	0 56	22 56	0 28	20 20	0 6	16 27	1 46	22 25	14 27	22 59	23 4	0 21	3 35	4 4
F 14	20 29	14 49	3 58	17 30	1 24	21 38	1 35	13 17	1 4	18 16	0 56	22 57	0 28	20 19	0 6	16 27	1 46	22 25	14 27	22 59	23 4	0 18	3 32	4 4
S 15	20 17	18 35	3 1	16 54	1 18	21 46	1 32	13 4	1 4	18 18	0 56	22 57	0 28	20 19	0 6	16 27	1 45	22 26	14 27	22 59	23 4	0 15	3 30	4 3
S 16	20 4	21 17	1 55	16 17	1 13	21 52	1 29	12 50	1 3	18 20	0 56	22 57	0 28	20 19	0 6	16 27	1 45	22 26	14 28	22 59	23 5	0 13	3 28	4 3
M17	19 52	22 44	0 44	15 39	1 7	21 58	1 26	12 37	1 3	18 22	0 56	22 57	0 28	20 19	0 6	16 27	1 45	22 27	14 28	22 59	23 5	0 10	3 26	4 2
T 18	19 39	22 53	0s29	15 1	1 0	22 4	1 23	12 23	1 2	18 24	0 56	22 58	0 28	20 19	0 6	16 27	1 45	22 28	14 28	22 59	23 5	0 7	3 23	4 2
W19	19 26	21 47	1 38	14 23	0 53	22 9	1 20	12 9	1 2	18 26	0 57	22 58	0 28	20 19	0 6	16 27	1 45	22 28	14 28	22 59	23 5	0 5	3 21	4 1
T 20	19 12	19 35	2 42	13 45	0 46	22 14	1 17	11 55	1 2	18 28	0 57	22 58	0 28	20 19	0 6	16 27	1 45	22 29	14 28	22 59	23 6	0 2	3 18	4 1
F 21	18 58	16 29	3 36	13 6	0 39	22 17	1 14	11 41	1 1	18 30	0 57	22 58	0 28	20 18	0 6	16 27	1 45	22 29	14 29	23 0	23 6	0n 1	3 16	4 0
S 22	18 44	12 43	4 20	12 27	0 31	22 21	1 11	11 27	1 1	18 32	0 57	22 59	0 27	20 18	0 6	16 27	1 45	22 30	14 29	23 0	23 6	0 3	3 14	4 0
S 23	18 29	8 29	4 51	11 48	0 23	22 23	1 8	11 13	1 0	18 34	0 57	22 59	0 27	20 18	0 6	16 27	1 45	22 30	14 29	23 0	23 7	0 6	3 11	3 59
M24	18 14	3 58	5 8	11 9	0 15	22 25	1 5	10 59	1 0	18 36	0 57	22 59	0 27	20 18	0 6	16 27	1 45	22 31	14 29	23 1	23 7	0 8	3 9	3 59
T 25	17 59	0n39	5 13	10 30	0 7	22 27	1 2	10 44	0 59	18 38	0 57	22 59	0 27	20 18	0 6	16 27	1 45	22 32	14 29	23 1	23 7	0 11	3 6	3 58
W26	17 44	5 14	5 4	9 51	0s 2	22 28	0 58	10 30	0 59	18 40	0 57	23 0	0 27	20 18	0 6	16 27	1 45	22 32	14 30	23 1	23 7	0 14	3 4	3 58
T 27	17 28	9 38	4 42	9 12	0 11	22 28	0 55	10 16	0 59	18 42	0 57	23 0	0 27	20 18	0 6	16 27	1 45	22 33	14 30	23 1	23 8	0 16	3 1	3 58
F 28	17 12	13 44	4 7	8 33	0 20	22 27	0 52	10 1	0 58	18 43	0 57	23 0	0 27	20 18	0 6	16 28	1 45	22 33	14 30	23 1	23 8	0 19	2 58	3 57
S 29	16 56	17 20	3 21	7 55	0 29	22 26	0 49	9 47	0 58	18 45	0 57	23 0	0 27	20 18	0 6	16 28	1 45	22 34	14 30	23 1	23 8	0 22	2 56	3 57
S 30	16 39	20 14	2 24	7 17	0 38	22 25	0 46	9 32	0 57	18 47	0 57	23 0	0 27	20 18	0 6	16 28	1 45	22 35	14 30	23 1	23 8	0 24	2 53	3 56
M31	16n22	22n12	1s18	6n39	0s48	22n23	0s43	9n17	0n57	18n48	0s58	23s 1	0n26	20s18	0n 6	16s28	1n44	22s35	14s31	23n 1	23n 8	0n27	2n50	3s56

Julian Day Number = 2200447.5, Delta T = 10m05s
Ecliptic obliquity = 23°31'40, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°09'06, Lahiri = 14°16'06 Julian Calendar 1 July 1312 == Greg. Calendar 9 July 1312

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ASTRODIENST EPHEMERIS for the year 1312
geocentric

AUGUST 1312 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	21 9 47	16♌ 3'41	10♋27	12♍26	12♋ 2	9♍ 9	27♉54	4°R29	0°R47	21♏16	6°R26	11°R41	10♋ 3	13♈11	13♍44	T 1
W 2	21 13 43	17° 1'28	24° 7	13°38	13°14	9°47	28° 1	4♊27	0°D47	21°16	6♓25	11♋40	10° 0	13°18	13°52	W 2
T 3	21 17 40	17°59'17	8♌10	14°48	14°25	10°25	28° 8	4°24	0♐47	21°17	6°24	11°38	9°57	13°25	14° 0	T 3
F 4	21 21 37	18°57'07	22°35	15°56	15°36	11° 4	28°15	4°21	0°47	21°17	6°23	11°34	9°54	13°31	14° 9	F 4
S 5	21 25 33	19°54'59	7♍14	17° 2	16°48	11°42	28°22	4°19	0°47	21°17	6°22	11°29	9°51	13°38	14°17	S 5
S 6	21 29 30	20°52'51	22° 1	18° 5	17°59	12°20	28°29	4°17	0°47	21°18	6°20	11°23	9°47	13°45	14°25	S 6
M 7	21 33 26	21°50'46	6♎48	19° 6	19°11	12°59	28°35	4°14	0°48	21°18	6°19	11°17	9°44	13°52	14°33	M 7
T 8	21 37 23	22°48'41	21°28	20° 4	20°22	13°37	28°42	4°12	0°48	21°18	6°18	11°12	9°41	13°58	14°41	T 8
W 9	21 41 19	23°46'38	5♏54	21° 0	21°34	14°16	28°48	4°10	0°48	21°19	6°17	11° 9	9°38	14° 5	14°50	W 9
T 10	21 45 16	24°44'36	20° 4	21°52	22°46	14°54	28°54	4° 8	0°49	21°19	6°16	11°D 8	9°35	14°12	14°58	T 10
F 11	21 49 12	25°42'36	3♐56	22°42	23°58	15°33	29° 0	4° 6	0°49	21°20	6°14	11° 8	9°31	14°18	15° 6	F 11
S 12	21 53 9	26°40'36	17°30	23°28	25°10	16°11	29° 5	4° 4	0°50	21°20	6°13	11° 9	9°28	14°25	15°15	S 12
S 13	21 57 5	27°38'39	0♑47	24°10	26°22	16°50	29°11	4° 3	0°50	21°21	6°12	11°10	9°25	14°32	15°23	S 13
M14	22 1 2	28°36'43	13°50	24°49	27°34	17°29	29°16	4° 1	0°51	21°22	6°11	11°R11	9°22	14°39	15°31	M14
T 15	22 4 59	29°34'48	26°39	25°24	28°46	18° 7	29°21	3°59	0°52	21°22	6° 9	11°10	9°19	14°45	15°40	T 15
W16	22 8 55	0♍32'54	9♒17	25°55	29°58	18°46	29°26	3°58	0°52	21°23	6° 8	11° 6	9°16	14°52	15°48	W16
T 17	22 12 52	1°31'03	21°44	26°21	1♌11	19°25	29°31	3°56	0°53	21°24	6° 7	11° 1	9°12	14°59	15°57	T 17
F 18	22 16 48	2°29'13	4♓ 2	26°42	2°23	20° 4	29°36	3°55	0°54	21°24	6° 6	10°53	9° 9	15° 6	16° 5	F 18
S 19	22 20 45	3°27'25	16°12	26°58	3°35	20°42	29°40	3°54	0°55	21°25	6° 4	10°43	9° 6	15°12	16°14	S 19
S 20	22 24 41	4°25'38	28°14	27° 9	4°48	21°21	29°45	3°53	0°56	21°26	6° 3	10°33	9° 3	15°19	16°22	S 20
M21	22 28 38	5°23'54	10♈11	27°R14	6° 0	22° 0	29°49	3°52	0°57	21°27	6° 2	10°23	9° 0	15°26	16°31	M21
T 22	22 32 34	6°22'11	22° 3	27°13	7°13	22°39	29°53	3°51	0°58	21°28	6° 1	10°14	8°56	15°32	16°39	T 22
W23	22 36 31	7°20'31	3♉54	27° 6	8°26	23°18	29°56	3°50	0°59	21°28	6° 0	10° 7	8°53	15°39	16°48	W23
T 24	22 40 28	8°18'52	15°47	26°52	9°39	23°57	0♊ 0	3°49	1° 0	21°29	5°58	10° 2	8°50	15°46	16°57	T 24
F 25	22 44 24	9°17'16	27°47	26°32	10°51	24°36	0° 3	3°49	1° 1	21°30	5°57	9°59	8°47	15°53	17° 5	F 25
S 26	22 48 21	10°15'42	9♊58	26° 5	12° 4	25°15	0° 7	3°48	1° 2	21°31	5°56	9°D58	8°44	15°59	17°14	S 26
S 27	22 52 17	11°14'10	22°25	25°31	13°17	25°54	0°10	3°48	1° 3	21°32	5°55	9°59	8°41	16° 6	17°22	S 27
M28	22 56 14	12°12'41	5♋14	24°50	14°30	26°34	0°13	3°47	1° 5	21°33	5°53	10°R 0	8°37	16°13	17°31	M28
T 29	23 0 10	13°11'13	18°27	24° 4	15°43	27°13	0°15	3°47	1° 6	21°34	5°52	9°59	8°34	16°19	17°40	T 29
W30	23 4 7	14° 9'48	2♌ 9	23°12	16°57	27°52	0°18	3°47	1° 8	21°35	5°51	9°57	8°31	16°26	17°48	W30
T 31	23 8 3	15♍ 8'25	16♌19	22♍15	18♌10	28♍31	0♊20	3°D47	1♐ 9	21♏37	5♓50	9♋53	8♋28	16♈33	17♍57	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		⚸		⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	16n 5	23n 0	0s 7	6n 2	0s57	22n20	0s39	9n 2	0n56	18n50	0s58	23s 1	0n26	20s18	0n 6	16s28	1n44	22s36	14s31	23n 1	23n 9	0n30	2n48	3s55
W 2	15 47	22 28	1n 7	5 25	1 7	22 16	0 36	8 47	0 56	18 51	0 58	23 1	0 26	20 18	0 6	16 28	1 44	22 36	14 31	23 1	23 9	0 32	2 45	3 55
T 3	15 30	20 32	2 19	4 49	1 17	22 12	0 33	8 33	0 55	18 53	0 58	23 1	0 26	20 18	0 6	16 28	1 44	22 37	14 31	23 1	23 9	0 35	2 42	3 55
F 4	15 12	17 15	3 24	4 14	1 27	22 7	0 30	8 18	0 55	18 54	0 58	23 1	0 26	20 18	0 6	16 28	1 44	22 38	14 31	23 1	23 9	0 38	2 40	3 54
S 5	14 54	12 51	4 16	3 39	1 37	22 2	0 27	8 2	0 55	18 56	0 58	23 2	0 26	20 18	0 6	16 28	1 44	22 38	14 31	23 2	23 10	0 40	2 37	3 54
S 6	14 35	7 39	4 52	3 5	1 47	21 56	0 23	7 47	0 54	18 57	0 58	23 2	0 26	20 18	0 6	16 29	1 44	22 39	14 31	23 2	23 10	0 43	2 34	3 54
M 7	14 17	2 0	5 8	2 33	1 57	21 49	0 20	7 32	0 54	18 58	0 58	23 2	0 26	20 18	0 6	16 29	1 44	22 39	14 32	23 3	23 10	0 45	2 31	3 53
T 8	13 58	3s42	5 4	2 1	2 7	21 42	0 17	7 17	0 53	19 0	0 58	23 2	0 25	20 18	0 5	16 29	1 44	22 40	14 32	23 3	23 10	0 48	2 28	3 53
W 9	13 39	9 7	4 41	1 30	2 16	21 34	0 14	7 2	0 53	19 1	0 58	23 2	0 25	20 18	0 5	16 29	1 44	22 40	14 32	23 3	23 11	0 51	2 26	3 52
T 10	13 19	13 57	4 1	1 0	2 26	21 25	0 11	6 46	0 52	19 2	0 58	23 3	0 25	20 18	0 5	16 29	1 44	22 41	14 32	23 4	23 11	0 53	2 23	3 52
F 11	13 0	17 57	3 7	0 31	2 36	21 16	0 8	6 31	0 52	19 3	0 59	23 3	0 25	20 19	0 5	16 29	1 44	22 41	14 32	23 4	23 11	0 56	2 20	3 52
S 12	12 40	20 52	2 4	0 4	2 45	21 6	0 5	6 15	0 51	19 5	0 59	23 3	0 25	20 19	0 5	16 30	1 44	22 42	14 32	23 3	23 11	0 59	2 17	3 51
S 13	12 20	22 36	0 56	0s21	2 55	20 56	0 2	6 0	0 51	19 6	0 59	23 3	0 25	20 19	0 5	16 30	1 44	22 43	14 32	23 3	23 12	1 1	2 14	3 51
M14	12 0	23 3	0s14	0 45	3 4	20 45	0n 1	5 44	0 51	19 7	0 59	23 3	0 25	20 19	0 5	16 30	1 44	22 43	14 32	23 3	23 12	1 4	2 11	3 51
T 15	11 40	22 15	1 22	1 7	3 13	20 33	0 4	5 29	0 50	19 8	0 59	23 3	0 25	20 19	0 5	16 30	1 44	22 44	14 32	23 3	23 12	1 7	2 8	3 50
W16	11 19	20 20	2 25	1 27	3 21	20 21	0 7	5 13	0 50	19 9	0 59	23 4	0 25	20 19	0 5	16 31	1 43	22 44	14 32	23 4	23 12	1 9	2 5	3 50
T 17	10 58	17 28	3 20	1 45	3 30	20 8	0 10	4 58	0 49	19 10	0 59	23 4	0 24	20 19	0 5	16 31	1 43	22 45	14 32	23 4	23 12	1 12	2 2	3 50
F 18	10 38	13 52	4 5	2 0	3 37	19 55	0 13	4 42	0 49	19 11	0 59	23 4	0 24	20 20	0 5	16 31	1 43	22 45	14 32	23 5	23 13	1 15	1 59	3 49
S 19	10 17	9 43	4 38	2 13	3 44	19 41	0 16	4 26	0 48	19 11	0 59	23 4	0 24	20 20	0 5	16 31	1 43	22 46	14 32	23 6	23 13	1 17	1 56	3 49
S 20	9 55	5 15	4 58	2 24	3 51	19 27	0 19	4 10	0 48	19 12	0 59	23 4	0 24	20 20	0 5	16 32	1 43	22 46	14 33	23 6	23 13	1 20	1 53	3 49
M21	9 34	0 38	5 5	2 31	3 57	19 12	0 22	3 54	0 47	19 13	0 59	23 4	0 24	20 20	0 5	16 32	1 43	22 47	14 33	23 7	23 13	1 23	1 50	3 48
T 22	9 12	4n 0	4 58	2 35	4 2	18 56	0 25	3 39	0 47	19 14	1 0	23 5	0 24	20 20	0 5	16 32	1 43	22 47	14 33	23 8	23 14	1 25	1 47	3 48
W23	8 51	8 29	4 39	2 36	4 5	18 40	0 27	3 23	0 46	19 14	1 0	23 5	0 24	20 21	0 5	16 32	1 43	22 48	14 33	23 8	23 14	1 28	1 44	3 48
T 24	8 29	12 40	4 8	2 33	4 8	18 23	0 30	3 7	0 46	19 15	1 0	23 5	0 24	20 21	0 5	16 33	1 43	22 48	14 33	23 9	23 14	1 31	1 41	3 48
F 25	8 7	16 24	3 26	2 26	4 10	18 6	0 33	2 51	0 45	19 16	1 0	23 5	0 23	20 21	0 5	16 33	1 43	22 49	14 33	23 9	23 14	1 33	1 38	3 47
S 26	7 45	19 30	2 33	2 15	4 10	17 48	0 35	2 35	0 45	19 16	1 0	23 5	0 23	20 21	0 5	16 33	1 43	22 49	14 33	23 9	23 14	1 36	1 35	3 47
S 27	7 23	21 46	1 32	2 1	4 9	17 30	0 38	2 19	0 44	19 17	1 0	23 5	0 23	20 22	0 5	16 34	1 43	22 50	14 33	23 9	23 15	1 39	1 32	3 47
M28	7 0	23 0	0 25	1 42	4 6	17 11	0 41	2 3	0 44	19 17	1 0	23 5	0 23	20 22	0 5	16 34	1 43	22 50	14 33	23 9	23 15	1 41	1 28	3 47
T 29	6 38	23 0	0n45	1 19	4 1	16 52	0 43	1 47	0 43	19 18	1 0	23 5	0 23	20 22	0 5	16 34	1 43	22 51	14 33	23 9	23 15	1 44	1 25	3 46
W30	6 15	21 37	1 55	0 52	3 54	16 32	0 45	1 30	0 43	19 18	1 0	23 6	0 23	20 23	0 5	16 35	1 43	22 51	14 33	23 9	23 15	1 47	1 22	3 46
T 31	5n53	18n52	3n 0	0s22	3s46	16n12	0n48	1n14	0n43	19n19	1s 0	23s 6	0n23	20s23	0n 5	16s35	1n43	22s52	14s33	23n10	23n15	1n49	1n19	3s46

Julian Day Number = 2200478.5, Delta T = 10m05s
Ecliptic obliquity = 23°31'41, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°09'10, Lahiri = 14°16'11 Julian Calendar 1 Aug. 1312 == Greg. Calendar 9 Aug. 1312

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ASTRODIENST EPHEMERIS for the year 1312
geocentric

SEPTEMBER 1312 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	23 12 0	16♍ 7'04	0♍56	21°R14	19♌23	29♍11	0♊22	3♉47	1♐10	21♏38	5°R48	9°R46	8♋25	16♈40	18♍ 6	F 1
S 2	23 15 57	17° 5'45	15°53	20♍11	20°37	29°50	0°24	3°47	1°12	21°39	5♓47	9♋37	8°22	16°46	18°14	S 2
S 3	23 19 53	18° 4'28	1♎ 2	19° 6	21°50	0♎30	0°26	3°47	1°14	21°40	5°46	9°27	8°18	16°53	18°23	S 3
M 4	23 23 50	19° 3'13	16°12	18° 2	23° 3	1° 9	0°27	3°48	1°15	21°41	5°45	9°17	8°15	17° 0	18°32	M 4
T 5	23 27 46	20° 1'59	1♏12	16°59	24°17	1°49	0°28	3°48	1°17	21°43	5°44	9° 8	8°12	17° 7	18°40	T 5
W 6	23 31 43	21° 0'48	15°56	16° 0	25°30	2°28	0°29	3°49	1°19	21°44	5°42	9° 2	8° 9	17°13	18°49	W 6
T 7	23 35 39	21°59'38	0♐16	15° 6	26°44	3° 8	0°30	3°49	1°21	21°45	5°41	8°58	8° 6	17°20	18°58	T 7
F 8	23 39 36	22°58'30	14°12	14°18	27°58	3°47	0°31	3°50	1°22	21°47	5°40	8°56	8° 2	17°27	19° 6	F 8
S 9	23 43 32	23°57'24	27°43	13°38	29°12	4°27	0°32	3°51	1°24	21°48	5°39	8°D56	7°59	17°33	19°15	S 9
S 10	23 47 29	24°56'20	10♑52	13° 7	0♍25	5° 7	0°32	3°52	1°26	21°49	5°38	8°R56	7°56	17°40	19°24	S 10
M11	23 51 26	25°55'17	23°42	12°46	1°39	5°47	0°R32	3°53	1°28	21°51	5°36	8°55	7°53	17°47	19°32	M11
T 12	23 55 22	26°54'17	6♒18	12°34	2°53	6°26	0°32	3°54	1°30	21°52	5°35	8°53	7°50	17°54	19°41	T 12
W13	23 59 19	27°53'18	18°41	12°D33	4° 7	7° 6	0°32	3°55	1°32	21°54	5°34	8°47	7°47	18° 0	19°50	W13
T 14	0 3 15	28°52'20	0♓54	12°42	5°21	7°46	0°31	3°57	1°34	21°55	5°33	8°39	7°43	18° 7	19°58	T 14
F 15	0 7 12	29°51'25	13° 1	13° 2	6°35	8°26	0°30	3°58	1°37	21°57	5°32	8°28	7°40	18°14	20° 7	F 15
S 16	0 11 8	0♎50'32	25° 2	13°31	7°49	9° 6	0°29	4° 0	1°39	21°58	5°31	8°14	7°37	18°20	20°15	S 16
S 17	0 15 5	1°49'41	6♈58	14°10	9° 3	9°46	0°28	4° 1	1°41	22° 0	5°30	8° 0	7°34	18°27	20°24	S 17
M18	0 19 1	2°48'52	18°52	14°57	10°17	10°26	0°27	4° 3	1°43	22° 2	5°29	7°46	7°31	18°34	20°33	M18
T 19	0 22 58	3°48'05	0♉43	15°52	11°31	11° 6	0°26	4° 5	1°46	22° 3	5°28	7°33	7°28	18°41	20°41	T 19
W20	0 26 54	4°47'20	12°35	16°55	12°46	11°46	0°24	4° 7	1°48	22° 5	5°27	7°22	7°24	18°47	20°50	W20
T 21	0 30 51	5°46'37	24°29	18° 4	14° 0	12°26	0°22	4° 9	1°50	22° 6	5°25	7°14	7°21	18°54	20°58	T 21
F 22	0 34 48	6°45'57	6♊29	19°19	15°14	13° 7	0°20	4°11	1°53	22° 8	5°24	7° 9	7°18	19° 1	21° 7	F 22
S 23	0 38 44	7°45'19	18°39	20°39	16°29	13°47	0°18	4°13	1°55	22°10	5°23	7° 6	7°15	19° 7	21°15	S 23
S 24	0 42 41	8°44'44	1♋ 3	22° 3	17°43	14°27	0°15	4°15	1°58	22°12	5°22	7° 6	7°12	19°14	21°24	S 24
M25	0 46 37	9°44'11	13°46	23°31	18°58	15° 8	0°12	4°18	2° 0	22°13	5°21	7° 5	7° 8	19°21	21°32	M25
T 26	0 50 34	10°43'40	26°52	25° 3	20°12	15°48	0° 9	4°20	2° 3	22°15	5°20	7° 5	7° 5	19°28	21°41	T 26
W27	0 54 30	11°43'12	10♌27	26°36	21°27	16°28	0° 6	4°23	2° 6	22°17	5°19	7° 3	7° 2	19°34	21°49	W27
T 28	0 58 27	12°42'46	24°32	28°12	22°41	17° 9	0° 3	4°25	2° 8	22°19	5°19	6°58	6°59	19°41	21°57	T 28
F 29	1 2 23	13°42'22	9♍ 5	29°50	23°56	17°49	29♉59	4°28	2°11	22°21	5°18	6°51	6°56	19°48	22° 6	F 29
S 30	1 6 20	14♎42'00	24♍ 3	1♎29	25♍11	18♎30	29♉56	4♉31	2♐14	22♏23	5♓17	6♋41	6♋53	19♈55	22♍14	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	5n30	14n52	3n56	0n12	3s35	15n51	0n50	0n58	0n42	19n19	1s 1	23s 6	0n23	20s23	0n 5	16s35	1n43	22s52	14s33	23n10	23n16	1n52	1n16	3s46
S 2	5 7	9 50	4 37	0 48	3 22	15 30	0 52	0 42	0 42	19 19	1 1	23 6	0 23	20 24	0 5	16 36	1 43	22 52	14 33	23 11	23 16	1 55	1 13	3 45
S 3	4 44	4 9	4 59	1 27	3 8	15 9	0 55	0 26	0 41	19 20	1 1	23 6	0 22	20 24	0 5	16 36	1 42	22 53	14 32	23 11	23 16	1 58	1 9	3 45
M 4	4 21	1s47	5 0	2 7	2 52	14 47	0 57	0 10	0 41	19 20	1 1	23 6	0 22	20 24	0 5	16 36	1 42	22 53	14 32	23 12	23 16	2 0	1 6	3 45
T 5	3 58	7 33	4 40	2 47	2 35	14 24	0 59	0s 7	0 40	19 20	1 1	23 6	0 22	20 25	0 5	16 37	1 42	22 54	14 32	23 13	23 16	2 3	1 3	3 45
W 6	3 35	12 48	4 2	3 27	2 16	14 1	1 1	0 23	0 40	19 20	1 1	23 6	0 22	20 25	0 5	16 37	1 42	22 54	14 32	23 13	23 17	2 6	1 0	3 45
T 7	3 11	17 12	3 10	4 6	1 57	13 38	1 3	0 39	0 39	19 20	1 1	23 6	0 22	20 25	0 5	16 38	1 42	22 54	14 32	23 13	23 17	2 8	0 57	3 44
F 8	2 48	20 29	2 7	4 43	1 37	13 14	1 5	0 55	0 39	19 20	1 1	23 7	0 22	20 26	0 5	16 38	1 42	22 55	14 32	23 14	23 17	2 11	0 53	3 44
S 9	2 25	22 31	0 59	5 17	1 16	12 50	1 7	1 12	0 38	19 20	1 1	23 7	0 22	20 26	0 5	16 38	1 42	22 55	14 32	23 14	23 17	2 14	0 50	3 44
S 10	2 1	23 15	0s10	5 47	0 56	12 26	1 8	1 28	0 38	19 20	1 1	23 7	0 22	20 27	0 5	16 39	1 42	22 56	14 32	23 14	23 17	2 16	0 47	3 44
M11	1 38	22 43	1 17	6 14	0 37	12 1	1 10	1 44	0 37	19 20	1 1	23 7	0 21	20 27	0 5	16 39	1 42	22 56	14 32	23 14	23 18	2 19	0 44	3 44
T 12	1 14	21 1	2 19	6 36	0 18	11 36	1 12	2 0	0 37	19 20	1 2	23 7	0 21	20 27	0 5	16 40	1 42	22 56	14 32	23 14	23 18	2 22	0 41	3 43
W13	0 51	18 21	3 13	6 53	0n 0	11 11	1 13	2 17	0 36	19 20	1 2	23 7	0 21	20 28	0 5	16 40	1 42	22 57	14 32	23 14	23 18	2 24	0 37	3 43
T 14	0 27	14 54	3 58	7 5	0 17	10 45	1 15	2 33	0 36	19 20	1 2	23 7	0 21	20 28	0 5	16 40	1 42	22 57	14 32	23 15	23 18	2 27	0 34	3 43
F 15	0 3	10 52	4 31	7 12	0 33	10 19	1 16	2 49	0 35	19 19	1 2	23 7	0 21	20 29	0 5	16 41	1 42	22 57	14 32	23 15	23 18	2 30	0 31	3 43
S 16	0s20	6 26	4 52	7 14	0 47	9 52	1 18	3 5	0 35	19 19	1 2	23 7	0 21	20 29	0 5	16 41	1 42	22 58	14 31	23 16	23 19	2 32	0 28	3 43
S 17	0 44	1 48	4 59	7 11	1 0	9 26	1 19	3 22	0 34	19 19	1 2	23 7	0 21	20 30	0 5	16 42	1 42	22 58	14 31	23 17	23 19	2 35	0 24	3 43
M18	1 7	2n53	4 54	7 3	1 12	8 59	1 20	3 38	0 33	19 19	1 2	23 7	0 21	20 30	0 5	16 42	1 42	22 58	14 31	23 18	23 19	2 38	0 21	3 42
T 19	1 31	7 28	4 36	6 51	1 22	8 32	1 22	3 54	0 33	19 18	1 2	23 7	0 21	20 31	0 5	16 43	1 42	22 59	14 31	23 19	23 19	2 41	0 18	3 42
W20	1 55	11 46	4 6	6 35	1 31	8 4	1 23	4 10	0 32	19 18	1 2	23 7	0 20	20 31	0 5	16 43	1 42	22 59	14 31	23 19	23 19	2 43	0 15	3 42
T 21	2 18	15 39	3 25	6 15	1 39	7 36	1 24	4 27	0 32	19 17	1 2	23 7	0 20	20 32	0 5	16 44	1 42	22 59	14 31	23 20	23 19	2 46	0 11	3 42
F 22	2 42	18 56	2 34	5 51	1 45	7 8	1 25	4 43	0 31	19 17	1 2	23 8	0 20	20 32	0 5	16 44	1 42	22 59	14 31	23 20	23 20	2 49	0 8	3 42
S 23	3 5	21 27	1 36	5 24	1 50	6 40	1 26	4 59	0 31	19 16	1 2	23 8	0 20	20 33	0 5	16 45	1 41	23 0	14 30	23 20	23 20	2 51	0 5	3 42
S 24	3 29	23 0	0 32	4 54	1 54	6 12	1 27	5 15	0 30	19 16	1 3	23 8	0 20	20 33	0 5	16 45	1 41	23 0	14 30	23 20	23 20	2 54	0 2	3 42
M25	3 52	23 24	0n35	4 22	1 57	5 43	1 27	5 31	0 30	19 15	1 3	23 8	0 20	20 34	0 5	16 46	1 41	23 0	14 30	23 20	23 20	2 57	0s 1	3 42
T 26	4 16	22 32	1 43	3 47	1 58	5 15	1 28	5 47	0 29	19 14	1 3	23 8	0 20	20 34	0 5	16 46	1 41	23 0	14 30	23 20	23 20	2 59	0 5	3 41
W27	4 39	20 21	2 46	3 11	1 59	4 46	1 29	6 3	0 29	19 14	1 3	23 8	0 20	20 35	0 5	16 47	1 41	23 0	14 30	23 20	23 20	3 2	0 8	3 41
T 28	5 2	16 53	3 43	2 32	1 59	4 17	1 29	6 19	0 28	19 13	1 3	23 8	0 20	20 35	0 5	16 47	1 41	23 1	14 30	23 21	23 21	3 5	0 11	3 41
F 29	5 26	12 18	4 26	1 53	1 59	3 48	1 30	6 36	0 28	19 12	1 3	23 8	0 19	20 36	0 5	16 48	1 41	23 1	14 29	23 21	23 21	3 7	0 14	3 41
S 30	5s49	6n51	4n53	1n12	1n57	3n18	1n30	6s52	0n27	19n11	1s 3	23s 8	0n19	20s36	0n 5	16s48	1n41	23s 1	14s29	23n22	23n21	3n10	0s18	3s41

Julian Day Number = 2200509.5, Delta T = 10m05s
Ecliptic obliquity = 23°31'42, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°09'14, Lahiri = 14°16'15 Julian Calendar 1 Sept. 1312 == Greg. Calendar 9 Sept. 1312

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ASTRODIENST EPHEMERIS for the year 1312
geocentric

OCTOBER 1312 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	1 10 17	15♎41'40	9♎19	3♎ 9	26♍25	19♎11	29°R52	4♑34	2♐16	22♏24	5°R16	6°R30	6♋49	20♈ 1	22♍22	S 1
M 2	1 14 13	16°41'23	24°40	4°49	27°40	19°51	29♉48	4°37	2°19	22°26	5♓15	6♋19	6°46	20° 8	22°31	M 2
T 3	1 18 10	17°41'08	9♏55	6°31	28°55	20°32	29°44	4°40	2°22	22°28	5°14	6° 9	6°43	20°15	22°39	T 3
W 4	1 22 6	18°40'54	24°54	8°12	0♎10	21°13	29°39	4°43	2°25	22°30	5°13	6° 1	6°40	20°21	22°47	W 4
T 5	1 26 3	19°40'42	9♐28	9°54	1°25	21°54	29°35	4°47	2°28	22°32	5°12	5°56	6°37	20°28	22°55	T 5
F 6	1 29 59	20°40'33	23°35	11°36	2°39	22°34	29°30	4°50	2°31	22°34	5°12	5°54	6°33	20°35	23° 3	F 6
S 7	1 33 56	21°40'25	7♑13	13°17	3°54	23°15	29°25	4°53	2°34	22°36	5°11	5°D53	6°30	20°42	23°11	S 7
S 8	1 37 52	22°40'18	20°24	14°59	5° 9	23°56	29°20	4°57	2°37	22°38	5°10	5°R54	6°27	20°48	23°19	S 8
M 9	1 41 49	23°40'13	3♒13	16°40	6°24	24°37	29°15	5° 1	2°40	22°40	5° 9	5°53	6°24	20°55	23°27	M 9
T 10	1 45 46	24°40'10	15°43	18°21	7°39	25°18	29° 9	5° 4	2°43	22°42	5° 8	5°51	6°21	21° 2	23°35	T 10
W11	1 49 42	25°40'09	27°59	20° 1	8°54	25°59	29° 4	5° 8	2°46	22°44	5° 8	5°47	6°18	21° 8	23°43	W11
T 12	1 53 39	26°40'09	10♓ 4	21°42	10° 9	26°40	28°58	5°12	2°49	22°46	5° 7	5°40	6°14	21°15	23°51	T 12
F 13	1 57 35	27°40'11	22° 3	23°22	11°24	27°22	28°52	5°16	2°52	22°48	5° 6	5°30	6°11	21°22	23°59	F 13
S 14	2 1 32	28°40'14	3♈58	25° 1	12°39	28° 3	28°46	5°20	2°55	22°50	5° 6	5°18	6° 8	21°29	24° 7	S 14
S 15	2 5 28	29°40'19	15°51	26°40	13°54	28°44	28°40	5°24	2°59	22°53	5° 5	5° 5	6° 5	21°35	24°15	S 15
M16	2 9 25	0♏40'27	27°43	28°19	15° 9	29°25	28°33	5°28	3° 2	22°55	5° 4	4°52	6° 2	21°42	24°22	M16
T 17	2 13 21	1°40'36	9♑37	29°57	16°25	0♏ 7	28°27	5°33	3° 5	22°57	5° 4	4°41	5°59	21°49	24°30	T 17
W18	2 17 18	2°40'47	21°33	1♏34	17°40	0°48	28°20	5°37	3° 8	22°59	5° 3	4°31	5°55	21°55	24°37	W18
T 19	2 21 15	3°40'59	3♊32	3°12	18°55	1°30	28°14	5°41	3°12	23° 1	5° 3	4°24	5°52	22° 2	24°45	T 19
F 20	2 25 11	4°41'14	15°39	4°49	20°10	2°11	28° 7	5°46	3°15	23° 3	5° 2	4°19	5°49	22° 9	24°52	F 20
S 21	2 29 8	5°41'31	27°53	6°25	21°25	2°53	28° 0	5°51	3°18	23° 5	5° 2	4°17	5°46	22°16	25° 0	S 21
S 22	2 33 4	6°41'50	10♋21	8° 1	22°41	3°34	27°53	5°55	3°22	23° 8	5° 1	4°D17	5°43	22°22	25° 7	S 22
M23	2 37 1	7°42'11	23° 4	9°37	23°56	4°16	27°45	6° 0	3°25	23°10	5° 1	4°18	5°39	22°29	25°15	M23
T 24	2 40 57	8°42'33	6♌ 7	11°13	25°11	4°57	27°38	6° 5	3°28	23°12	5° 0	4°R19	5°36	22°36	25°22	T 24
W25	2 44 54	9°42'58	19°34	12°48	26°26	5°39	27°31	6°10	3°32	23°14	5° 0	4°18	5°33	22°43	25°29	W25
T 26	2 48 50	10°43'25	3♍26	14°23	27°42	6°21	27°23	6°14	3°35	23°16	4°59	4°16	5°30	22°49	25°36	T 26
F 27	2 52 47	11°43'53	17°46	15°57	28°57	7° 3	27°16	6°19	3°39	23°19	4°59	4°12	5°27	22°56	25°43	F 27
S 28	2 56 44	12°44'24	2♎30	17°32	0♏12	7°45	27° 8	6°25	3°42	23°21	4°59	4° 5	5°24	23° 3	25°50	S 28
S 29	3 0 40	13°44'56	17°33	19° 6	1°28	8°26	27° 0	6°30	3°46	23°23	4°58	3°57	5°20	23° 9	25°57	S 29
M30	3 4 37	14°45'30	2♏46	20°39	2°43	9° 8	26°52	6°35	3°49	23°25	4°58	3°49	5°17	23°16	26° 4	M30
T 31	3 8 33	15♏46'06	17♏58	22♏13	3♏59	9♏50	26♉44	6♑40	3♐53	23♏28	4♓58	3♋42	5♋14	23♈23	26♍11	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	6s12	0n54	5n 0	0n30	1n55	2n49	1n31	7s 7	0n27	19n10	1s 3	23s 8	0n19	20s37	0n 5	16s49	1n41	23s 1	14s29	23n22	23n21	3n13	0s21	3s41
M 2	6 35	5s10	4 45	0s12	1 52	2 19	1 31	7 23	0 26	19 9	1 3	23 8	0 19	20 37	0 5	16 49	1 41	23 1	14 29	23 23	23 21	3 16	0 24	3 41
T 3	6 58	10 53	4 10	0 56	1 49	1 50	1 31	7 39	0 26	19 9	1 3	23 8	0 19	20 38	0 5	16 50	1 41	23 1	14 29	23 23	23 21	3 18	0 27	3 41
W 4	7 21	15 51	3 19	1 39	1 45	1 20	1 31	7 55	0 25	19 8	1 3	23 8	0 19	20 39	0 5	16 50	1 41	23 2	14 28	23 23	23 22	3 21	0 30	3 41
T 5	7 44	19 44	2 15	2 23	1 41	0 50	1 31	8 11	0 24	19 7	1 3	23 8	0 19	20 39	0 5	16 51	1 41	23 2	14 28	23 24	23 22	3 24	0 33	3 41
F 6	8 6	22 18	1 5	3 7	1 37	0 20	1 31	8 27	0 24	19 5	1 3	23 8	0 19	20 40	0 5	16 51	1 41	23 2	14 28	23 24	23 22	3 26	0 37	3 41
S 7	8 29	23 27	0s 7	3 51	1 32	0s10	1 31	8 42	0 23	19 4	1 3	23 8	0 19	20 40	0 5	16 52	1 41	23 2	14 28	23 24	23 22	3 29	0 40	3 41
S 8	8 51	23 14	1 16	4 35	1 27	0 40	1 31	8 58	0 23	19 3	1 3	23 8	0 18	20 41	0 5	16 52	1 41	23 2	14 27	23 24	23 22	3 32	0 43	3 41
M 9	9 13	21 46	2 19	5 20	1 21	1 10	1 31	9 14	0 22	19 2	1 3	23 8	0 18	20 42	0 5	16 53	1 41	23 2	14 27	23 24	23 22	3 35	0 46	3 41
T 10	9 35	19 17	3 14	6 3	1 16	1 39	1 31	9 29	0 22	19 1	1 3	23 8	0 18	20 42	0 5	16 53	1 41	23 2	14 27	23 24	23 23	3 37	0 49	3 41
W11	9 57	15 58	3 59	6 47	1 10	2 9	1 30	9 45	0 21	19 0	1 3	23 8	0 18	20 43	0 5	16 54	1 41	23 2	14 27	23 24	23 23	3 40	0 52	3 41
T 12	10 19	12 1	4 33	7 30	1 4	2 39	1 30	10 0	0 21	18 58	1 3	23 8	0 18	20 43	0 5	16 54	1 41	23 2	14 27	23 24	23 23	3 43	0 55	3 41
F 13	10 41	7 39	4 54	8 13	0 57	3 9	1 30	10 16	0 20	18 57	1 3	23 7	0 18	20 44	0 5	16 55	1 41	23 2	14 26	23 25	23 23	3 45	0 59	3 41
S 14	11 3	3 2	5 2	8 56	0 51	3 39	1 29	10 31	0 19	18 56	1 3	23 7	0 18	20 45	0 5	16 56	1 41	23 2	14 26	23 25	23 23	3 48	1 2	3 41
S 15	11 24	1n42	4 57	9 38	0 45	4 9	1 28	10 46	0 19	18 54	1 3	23 7	0 18	20 45	0 5	16 56	1 41	23 2	14 26	23 26	23 23	3 51	1 5	3 41
M16	11 45	6 22	4 39	10 19	0 38	4 39	1 28	11 1	0 18	18 53	1 3	23 7	0 18	20 46	0 5	16 57	1 41	23 2	14 26	23 26	23 23	3 53	1 8	3 41
T 17	12 6	10 49	4 8	11 0	0 32	5 8	1 27	11 17	0 18	18 52	1 3	23 7	0 18	20 47	0 5	16 57	1 41	23 2	14 25	23 27	23 24	3 56	1 11	3 41
W18	12 27	14 53	3 27	11 40	0 25	5 38	1 26	11 32	0 17	18 50	1 3	23 7	0 17	20 47	0 5	16 58	1 41	23 2	14 25	23 27	23 24	3 59	1 14	3 41
T 19	12 47	18 23	2 36	12 20	0 18	6 7	1 25	11 47	0 17	18 49	1 3	23 7	0 17	20 48	0 5	16 58	1 41	23 2	14 25	23 27	23 24	4 2	1 17	3 41
F 20	13 8	21 8	1 38	12 59	0 12	6 36	1 24	12 1	0 16	18 47	1 3	23 7	0 17	20 49	0 5	16 59	1 41	23 2	14 24	23 27	23 24	4 4	1 20	3 41
S 21	13 28	22 56	0 34	13 38	0 5	7 6	1 23	12 16	0 16	18 46	1 3	23 7	0 17	20 49	0 5	16 59	1 41	23 2	14 24	23 28	23 24	4 7	1 23	3 41
S 22	13 48	23 40	0n32	14 16	0s 2	7 35	1 22	12 31	0 15	18 44	1 3	23 7	0 17	20 50	0 5	17 0	1 41	23 2	14 24	23 28	23 24	4 10	1 26	3 41
M23	14 8	23 10	1 39	14 53	0 8	8 4	1 21	12 46	0 14	18 43	1 3	23 7	0 17	20 51	0 5	17 1	1 41	23 2	14 24	23 27	23 24	4 12	1 29	3 41
T 24	14 27	21 26	2 42	15 29	0 15	8 32	1 20	13 0	0 14	18 41	1 3	23 6	0 17	20 51	0 5	17 1	1 41	23 2	14 23	23 27	23 25	4 15	1 32	3 41
W25	14 47	18 27	3 38	16 5	0 22	9 1	1 19	13 15	0 13	18 39	1 3	23 6	0 17	20 52	0 4	17 2	1 41	23 2	14 23	23 27	23 25	4 18	1 34	3 41
T 26	15 6	14 22	4 24	16 40	0 28	9 29	1 18	13 29	0 13	18 38	1 3	23 6	0 17	20 53	0 4	17 2	1 41	23 2	14 23	23 28	23 25	4 21	1 37	3 41
F 27	15 25	9 22	4 54	17 14	0 35	9 57	1 16	13 44	0 12	18 36	1 3	23 6	0 17	20 53	0 4	17 3	1 41	23 2	14 23	23 28	23 25	4 23	1 40	3 41
S 28	15 43	3 41	5 6	17 47	0 41	10 25	1 15	13 58	0 11	18 34	1 3	23 6	0 16	20 54	0 4	17 3	1 40	23 1	14 22	23 28	23 25	4 26	1 43	3 41
S 29	16 1	2s19	4 58	18 19	0 47	10 53	1 13	14 12	0 11	18 33	1 3	23 6	0 16	20 55	0 4	17 4	1 40	23 1	14 22	23 28	23 25	4 29	1 46	3 41
M30	16 19	8 16	4 29	18 51	0 54	11 20	1 12	14 26	0 10	18 31	1 3	23 6	0 16	20 55	0 4	17 5	1 40	23 1	14 22	23 28	23 25	4 31	1 49	3 41
T 31	16s37	13s43	3n40	19s21	1s 0	11s47	1n10	14s40	0n10	18n29	1s 3	23s 5	0n16	20s56	0n 4	17s 5	1n40	23s 1	14s21	23n29	23n25	4n34	1s51	3s41

Julian Day Number = 2200539.5, Delta T = 10m05s
Ecliptic obliquity = 23°31'42, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°09'19, Lahiri = 14°16'19 Julian Calendar 1 Oct. 1312 == Greg. Calendar 9 Oct. 1312

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ASTRODIENST EPHEMERIS for the year 1312
geocentric

NOVEMBER 1312 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	3 12 30	16♏46'43	3♐ 0	23♏46	5♏14	10♏32	26°R36	6♑45	3♐56	23♏30	4°R58	3°R37	5♋11	23♈30	26♍18	W 1
T 2	3 16 26	17°47'22	17°42	25°19	6°29	11°15	26♉28	6°51	4° 0	23°32	4♓57	3♋34	5° 8	23°36	26°25	T 2
F 3	3 20 23	18°48'02	1♑58	26°52	7°45	11°57	26°20	6°56	4° 3	23°34	4°57	3°D33	5° 5	23°43	26°31	F 3
S 4	3 24 19	19°48'43	15°45	28°25	9° 0	12°39	26°12	7° 2	4° 7	23°37	4°57	3°33	5° 1	23°50	26°38	S 4
S 5	3 28 16	20°49'26	29° 5	29°58	10°16	13°21	26° 4	7° 7	4°11	23°39	4°57	3°34	4°58	23°56	26°44	S 5
M 6	3 32 13	21°50'09	12♒ 0	1♐30	11°31	14° 3	25°56	7°13	4°14	23°41	4°57	3°36	4°55	24° 3	26°51	M 6
T 7	3 36 9	22°50'54	24°33	3° 2	12°47	14°46	25°48	7°19	4°18	23°43	4°57	3°R36	4°52	24°10	26°57	T 7
W 8	3 40 6	23°51'39	6♓49	4°34	14° 2	15°28	25°40	7°24	4°22	23°46	4°57	3°35	4°49	24°17	27° 3	W 8
T 9	3 44 2	24°52'26	18°53	6° 6	15°18	16°10	25°32	7°30	4°25	23°48	4°56	3°32	4°45	24°23	27° 9	T 9
F 10	3 47 59	25°53'13	0♈49	7°38	16°33	16°53	25°23	7°36	4°29	23°50	4°56	3°28	4°42	24°30	27°15	F 10
S 11	3 51 55	26°54'02	12°41	9° 9	17°49	17°35	25°15	7°42	4°32	23°52	4°D56	3°22	4°39	24°37	27°22	S 11
S 12	3 55 52	27°54'52	24°33	10°41	19° 4	18°18	25° 7	7°48	4°36	23°55	4°56	3°15	4°36	24°43	27°27	S 12
M13	3 59 48	28°55'42	6♉26	12°12	20°19	19° 0	24°59	7°54	4°40	23°57	4°57	3° 8	4°33	24°50	27°33	M13
T 14	4 3 45	29°56'34	18°24	13°43	21°35	19°43	24°51	8° 0	4°43	23°59	4°57	3° 2	4°30	24°57	27°39	T 14
W15	4 7 42	0♐57'27	0♊27	15°13	22°50	20°26	24°43	8° 6	4°47	24° 1	4°57	2°57	4°26	25° 4	27°45	W15
T 16	4 11 38	1°58'21	12°38	16°43	24° 6	21° 9	24°35	8°12	4°51	24° 4	4°57	2°54	4°23	25°10	27°50	T 16
F 17	4 15 35	2°59'16	24°57	18°13	25°21	21°51	24°27	8°18	4°54	24° 6	4°57	2°52	4°20	25°17	27°56	F 17
S 18	4 19 31	4° 0'13	7♋26	19°43	26°37	22°34	24°19	8°25	4°58	24° 8	4°57	2°D52	4°17	25°24	28° 1	S 18
S 19	4 23 28	5° 1'10	20° 6	21°11	27°52	23°17	24°11	8°31	5° 2	24°10	4°57	2°53	4°14	25°30	28° 7	S 19
M20	4 27 24	6° 2'09	3♌ 0	22°40	29° 8	24° 0	24° 3	8°37	5° 5	24°13	4°58	2°54	4°11	25°37	28°12	M20
T 21	4 31 21	7° 3'08	16°10	24° 7	0♐24	24°43	23°55	8°44	5° 9	24°15	4°58	2°56	4° 7	25°44	28°17	T 21
W22	4 35 17	8° 4'09	29°37	25°34	1°39	25°26	23°47	8°50	5°13	24°17	4°58	2°57	4° 4	25°51	28°22	W22
T 23	4 39 14	9° 5'11	13♍23	26°59	2°55	26° 9	23°40	8°57	5°16	24°19	4°58	2°R57	4° 1	25°57	28°27	T 23
F 24	4 43 11	10° 6'14	27°29	28°24	4°10	26°52	23°32	9° 3	5°20	24°21	4°59	2°56	3°58	26° 4	28°32	F 24
S 25	4 47 7	11° 7'18	11♎53	29°47	5°26	27°35	23°25	9°10	5°24	24°24	4°59	2°54	3°55	26°11	28°37	S 25
S 26	4 51 4	12° 8'24	26°32	1♑ 8	6°41	28°18	23°17	9°16	5°27	24°26	4°59	2°52	3°51	26°17	28°41	S 26
M27	4 55 0	13° 9'30	11♏21	2°28	7°57	29° 2	23°10	9°23	5°31	24°28	5° 0	2°49	3°48	26°24	28°46	M27
T 28	4 58 57	14°10'37	26°12	3°45	9°12	29°45	23° 3	9°29	5°35	24°30	5° 0	2°46	3°45	26°31	28°51	T 28
W29	5 2 53	15°11'45	10♐58	4°59	10°28	0♐28	22°56	9°36	5°38	24°32	5° 1	2°45	3°42	26°38	28°55	W29
T 30	5 6 50	16♐12'53	25♐31	6♑11	11♐43	1♐12	22♉49	9♑43	5♐42	24♏34	5♓ 1	2♋44	3♋39	26♈44	28♍59	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	16s55	18s16	2n37	19s51	1s 6	12s14	1n 9	14s54	0n 9	18n27	1s 3	23s 5	0n16	20s57	0n 4	17s 6	1n40	23s 1	14s21	23n29	23n26	4n37	1s54	3s41
T 2	17 12	21 33	1 25	20 19	1 11	12 41	1 7	15 7	0 9	18 26	1 2	23 5	0 16	20 57	0 4	17 6	1 40	23 1	14 21	23 29	23 26	4 40	1 57	3 41
F 3	17 29	23 22	0 9	20 47	1 17	13 7	1 5	15 21	0 8	18 24	1 2	23 5	0 16	20 58	0 4	17 7	1 40	23 0	14 20	23 29	23 26	4 42	2 0	3 41
S 4	17 45	23 41	1s 6	21 14	1 23	13 33	1 4	15 34	0 7	18 22	1 2	23 5	0 16	20 59	0 4	17 7	1 40	23 0	14 20	23 29	23 26	4 45	2 2	3 41
S 5	18 2	22 36	2 14	21 39	1 28	13 58	1 2	15 48	0 7	18 20	1 2	23 4	0 16	20 59	0 4	17 8	1 40	23 0	14 20	23 29	23 26	4 48	2 5	3 41
M 6	18 18	20 21	3 13	22 4	1 33	14 23	1 0	16 1	0 6	18 18	1 2	23 4	0 16	21 0	0 4	17 9	1 40	23 0	14 20	23 29	23 26	4 50	2 8	3 41
T 7	18 33	17 11	4 1	22 27	1 38	14 48	0 58	16 14	0 6	18 17	1 2	23 4	0 16	21 1	0 4	17 9	1 40	23 0	14 19	23 29	23 26	4 53	2 10	3 42
W 8	18 48	13 20	4 37	22 49	1 43	15 13	0 56	16 27	0 5	18 15	1 2	23 4	0 15	21 1	0 4	17 10	1 40	22 59	14 19	23 29	23 26	4 56	2 13	3 42
T 9	19 3	9 1	5 0	23 11	1 48	15 37	0 54	16 40	0 4	18 13	1 2	23 4	0 15	21 2	0 4	17 10	1 40	22 59	14 19	23 29	23 27	4 59	2 15	3 42
F 10	19 18	4 25	5 10	23 30	1 52	16 1	0 52	16 53	0 4	18 11	1 2	23 3	0 15	21 3	0 4	17 11	1 40	22 59	14 18	23 29	23 27	5 1	2 18	3 42
S 11	19 32	0n20	5 6	23 49	1 56	16 24	0 50	17 6	0 3	18 9	1 2	23 3	0 15	21 3	0 4	17 11	1 40	22 58	14 18	23 29	23 27	5 4	2 20	3 42
S 12	19 46	5 3	4 49	24 7	2 0	16 47	0 48	17 18	0 2	18 7	1 1	23 3	0 15	21 4	0 4	17 12	1 40	22 58	14 18	23 29	23 27	5 7	2 23	3 42
M13	20 0	9 37	4 20	24 23	2 4	17 9	0 46	17 30	0 2	18 6	1 1	23 3	0 15	21 5	0 4	17 12	1 40	22 58	14 17	23 29	23 27	5 10	2 25	3 42
T 14	20 13	13 52	3 39	24 38	2 7	17 31	0 44	17 43	0 1	18 4	1 1	23 2	0 15	21 5	0 4	17 13	1 40	22 58	14 17	23 30	23 27	5 12	2 28	3 42
W15	20 26	17 35	2 48	24 51	2 10	17 52	0 42	17 55	0 1	18 2	1 1	23 2	0 15	21 6	0 4	17 14	1 40	22 57	14 17	23 30	23 27	5 15	2 30	3 42
T 16	20 38	20 36	1 48	25 4	2 13	18 13	0 40	18 7	0 0	18 0	1 1	23 2	0 15	21 7	0 4	17 14	1 40	22 57	14 16	23 30	23 27	5 18	2 32	3 43
F 17	20 50	22 43	0 43	25 14	2 15	18 34	0 38	18 18	0s 1	17 58	1 1	23 1	0 15	21 7	0 4	17 15	1 40	22 57	14 16	23 30	23 27	5 20	2 35	3 43
S 18	21 2	23 44	0n25	25 24	2 17	18 54	0 35	18 30	0 1	17 57	1 0	23 1	0 15	21 8	0 4	17 15	1 40	22 56	14 16	23 30	23 28	5 23	2 37	3 43
S 19	21 13	23 33	1 33	25 32	2 18	19 13	0 33	18 42	0 2	17 55	1 0	23 1	0 14	21 9	0 4	17 16	1 40	22 56	14 16	23 30	23 28	5 26	2 39	3 43
M20	21 24	22 7	2 38	25 38	2 19	19 32	0 31	18 53	0 2	17 53	1 0	23 0	0 14	21 9	0 4	17 16	1 40	22 55	14 15	23 30	23 28	5 29	2 41	3 43
T 21	21 34	19 29	3 36	25 43	2 20	19 51	0 29	19 4	0 3	17 51	1 0	23 0	0 14	21 10	0 4	17 17	1 40	22 55	14 15	23 30	23 28	5 31	2 44	3 43
W22	21 44	15 45	4 23	25 47	2 20	20 8	0 26	19 15	0 4	17 49	1 0	23 0	0 14	21 11	0 4	17 17	1 40	22 55	14 15	23 30	23 28	5 34	2 46	3 43
T 23	21 54	11 7	4 57	25 49	2 19	20 26	0 24	19 26	0 4	17 48	1 0	22 59	0 14	21 11	0 4	17 18	1 40	22 54	14 14	23 30	23 28	5 37	2 48	3 43
F 24	22 3	5 48	5 13	25 49	2 18	20 42	0 22	19 37	0 5	17 46	0 59	22 59	0 14	21 12	0 4	17 18	1 40	22 54	14 14	23 30	23 28	5 39	2 50	3 44
S 25	22 12	0 3	5 11	25 48	2 16	20 58	0 19	19 47	0 6	17 44	0 59	22 59	0 14	21 13	0 4	17 19	1 40	22 53	14 14	23 30	23 28	5 42	2 52	3 44
S 26	22 20	5s47	4 48	25 45	2 14	21 14	0 17	19 57	0 6	17 43	0 59	22 58	0 14	21 13	0 4	17 19	1 40	22 53	14 13	23 30	23 28	5 45	2 54	3 44
M27	22 28	11 23	4 7	25 41	2 11	21 29	0 15	20 8	0 7	17 41	0 59	22 58	0 14	21 14	0 4	17 20	1 41	22 53	14 13	23 30	23 28	5 48	2 56	3 44
T 28	22 35	16 20	3 8	25 35	2 7	21 43	0 12	20 18	0 7	17 40	0 59	22 58	0 14	21 15	0 4	17 20	1 41	22 52	14 13	23 30	23 28	5 50	2 58	3 44
W29	22 42	20 14	1 57	25 28	2 2	21 56	0 10	20 27	0 8	17 38	0 58	22 57	0 14	21 15	0 4	17 21	1 41	22 52	14 12	23 30	23 29	5 53	3 0	3 44
T 30	22s49	22s47	0n40	25s19	1s56	22s 9	0n 7	20s37	0s 9	17n36	0s58	22s57	0n14	21s16	0n 4	17s21	1n41	22s51	14s12	23n30	23n29	5n56	3s 2	3s45

Julian Day Number = 2200570.5, Delta T = 10m04s
Ecliptic obliquity = 23°31'42, Nutation = - 0°00'19, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°09'23, Lahiri = 14°16'23 Julian Calendar 1 Nov. 1312 == Greg. Calendar 9 Nov. 1312

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ASTRODIENST EPHEMERIS for the year 1312
geocentric

DECEMBER 1312 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	5 10 46	17♐14'02	9♑45	7♑18	12♐59	1♐55	22°R42	9♑49	5♐46	24♏36	5♓ 2	2°D44	3♋36	26♈51	29♍ 3	F 1
S 2	5 14 43	18°15'12	23°36	8°22	14°15	2°38	22♉35	9°56	5°49	24°39	5° 2	2♋44	3°32	26°58	29° 7	S 2
S 3	5 18 40	19°16'21	7♒ 1	9°21	15°30	3°22	22°29	10° 3	5°53	24°41	5° 3	2°45	3°29	27° 4	29°11	S 3
M 4	5 22 36	20°17'31	20° 2	10°14	16°46	4° 6	22°22	10°10	5°56	24°43	5° 3	2°47	3°26	27°11	29°15	M 4
T 5	5 26 33	21°18'41	2♓42	11° 0	18° 1	4°49	22°16	10°17	6° 0	24°45	5° 4	2°48	3°23	27°18	29°19	T 5
W 6	5 30 29	22°19'51	15° 2	11°40	19°17	5°33	22°10	10°23	6° 4	24°47	5° 4	2°48	3°20	27°25	29°23	W 6
T 7	5 34 26	23°21'01	27° 8	12°11	20°32	6°16	22° 4	10°30	6° 7	24°49	5° 5	2°R48	3°17	27°31	29°26	T 7
F 8	5 38 22	24°22'11	9♈ 5	12°34	21°48	7° 0	21°58	10°37	6°11	24°51	5° 6	2°48	3°13	27°38	29°30	F 8
S 9	5 42 19	25°23'21	20°57	12°46	23° 3	7°44	21°53	10°44	6°14	24°53	5° 6	2°47	3°10	27°45	29°33	S 9
S 10	5 46 15	26°24'32	2♉49	12°R48	24°19	8°28	21°47	10°51	6°18	24°55	5° 7	2°46	3° 7	27°51	29°36	S 10
M11	5 50 12	27°25'42	14°44	12°38	25°34	9°12	21°42	10°58	6°21	24°57	5° 8	2°46	3° 4	27°58	29°39	M11
T 12	5 54 9	28°26'52	26°46	12°17	26°50	9°55	21°37	11° 5	6°25	24°59	5° 9	2°45	3° 1	28° 5	29°42	T 12
W13	5 58 5	29°28'02	8♊57	11°43	28° 5	10°39	21°32	11°12	6°28	25° 1	5° 9	2°44	2°57	28°11	29°45	W13
T 14	6 2 2	0♑29'12	21°20	10°59	29°21	11°23	21°27	11°19	6°32	25° 3	5°10	2°44	2°54	28°18	29°48	T 14
F 15	6 5 58	1°30'22	3♋56	10° 3	0♑36	12° 7	21°22	11°26	6°35	25° 5	5°11	2°D44	2°51	28°25	29°51	F 15
S 16	6 9 55	2°31'32	16°45	8°58	1°52	12°51	21°18	11°33	6°38	25° 7	5°12	2°R44	2°48	28°32	29°53	S 16
S 17	6 13 51	3°32'42	29°48	7°46	3° 7	13°35	21°13	11°40	6°42	25° 9	5°13	2°44	2°45	28°38	29°56	S 17
M18	6 17 48	4°33'52	13♌ 4	6°28	4°23	14°20	21° 9	11°47	6°45	25°10	5°14	2°44	2°42	28°45	29°58	M18
T 19	6 21 45	5°35'02	26°33	5° 8	5°38	15° 4	21° 5	11°54	6°49	25°12	5°15	2°44	2°38	28°52	0♎ 0	T 19
W20	6 25 41	6°36'12	10♍14	3°47	6°54	15°48	21° 2	12° 1	6°52	25°14	5°16	2°43	2°35	28°58	0° 2	W20
T 21	6 29 38	7°37'22	24° 7	2°29	8° 9	16°32	20°58	12° 8	6°55	25°16	5°16	2°43	2°32	29° 5	0° 4	T 21
F 22	6 33 34	8°38'32	8♎ 9	1°16	9°25	17°17	20°55	12°16	6°58	25°18	5°17	2°D43	2°29	29°12	0° 6	F 22
S 23	6 37 31	9°39'43	22°20	0° 9	10°40	18° 1	20°52	12°23	7° 2	25°19	5°18	2°43	2°26	29°19	0° 8	S 23
S 24	6 41 27	10°40'53	6♏38	29♐10	11°56	18°45	20°49	12°30	7° 5	25°21	5°19	2°44	2°23	29°25	0° 9	S 24
M25	6 45 24	11°42'03	20°59	28°21	13°11	19°30	20°46	12°37	7° 8	25°23	5°20	2°44	2°19	29°32	0°11	M25
T 26	6 49 20	12°43'13	5♐21	27°41	14°26	20°14	20°44	12°44	7°11	25°25	5°21	2°45	2°16	29°39	0°12	T 26
W27	6 53 17	13°44'23	19°38	27°10	15°42	20°59	20°41	12°51	7°14	25°26	5°23	2°46	2°13	29°45	0°13	W27
T 28	6 57 14	14°45'33	3♑47	26°50	16°57	21°43	20°39	12°58	7°18	25°28	5°24	2°R46	2°10	29°52	0°15	T 28
F 29	7 1 10	15°46'42	17°44	26°39	18°13	22°28	20°37	13° 5	7°21	25°29	5°25	2°46	2° 7	29°59	0°16	F 29
S 30	7 5 7	16°47'50	1♒24	26°D36	19°28	23°13	20°35	13°12	7°24	25°31	5°26	2°45	2° 3	0♉ 6	0°16	S 30
S 31	7 9 3	17♑48'58	14♒45	26♐42	20♑44	23♐57	20♉34	13♑19	7♐27	25♏33	5♓27	2♋43	2♋ 0	0♉12	0♎17	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	22s55	23s49	0s39	25s 9	1s50	22s22	0n 5	20s46	0s 9	17n35	0s58	22s56	0n13	21s17	0n 4	17s22	1n41	22s51	14s12	23n30	23n29	5n58	3s 3	3s45	F 1
S 2	23 0	23 19	1 53	24 58	1 42	22 33	0 3	20 56	0 10	17 33	0 58	22 56	0 13	21 17	0 4	17 22	1 41	22 50	14 12	23 30	23 29	6 1	3 5	3 45	S 2
S 3	23 6	21 28	2 59	24 45	1 33	22 44	0 0	21 5	0 11	17 32	0 58	22 55	0 13	21 18	0 4	17 23	1 41	22 50	14 11	23 30	23 29	6 4	3 7	3 45	S 3
M 4	23 10	18 32	3 53	24 31	1 23	22 54	0s 2	21 14	0 11	17 30	0 57	22 55	0 13	21 19	0 4	17 23	1 41	22 49	14 11	23 30	23 29	6 7	3 9	3 45	M 4
T 5	23 15	14 49	4 34	24 16	1 12	23 4	0 5	21 22	0 12	17 29	0 57	22 55	0 13	21 19	0 4	17 24	1 41	22 49	14 11	23 30	23 29	6 9	3 10	3 45	T 5
W 6	23 18	10 33	5 2	24 1	1 0	23 13	0 7	21 31	0 13	17 28	0 57	22 54	0 13	21 20	0 4	17 24	1 41	22 48	14 10	23 30	23 29	6 12	3 12	3 46	W 6
T 7	23 22	5 57	5 15	23 45	0 47	23 21	0 9	21 39	0 13	17 26	0 57	22 54	0 13	21 21	0 4	17 25	1 41	22 48	14 10	23 30	23 29	6 15	3 13	3 46	T 7
F 8	23 24	1 12	5 15	23 28	0 32	23 28	0 12	21 47	0 14	17 25	0 56	22 53	0 13	21 21	0 4	17 25	1 41	22 47	14 10	23 30	23 29	6 18	3 15	3 46	F 8
S 9	23 27	3n33	5 1	23 11	0 16	23 35	0 14	21 55	0 14	17 24	0 56	22 53	0 13	21 22	0 4	17 26	1 41	22 47	14 9	23 30	23 29	6 20	3 16	3 46	S 9
S 10	23 29	8 12	4 35	22 54	0n 1	23 41	0 17	22 3	0 15	17 23	0 56	22 52	0 13	21 22	0 4	17 26	1 41	22 46	14 9	23 30	23 29	6 23	3 18	3 46	S 10
M11	23 30	12 33	3 56	22 37	0 19	23 46	0 19	22 10	0 16	17 22	0 56	22 52	0 13	21 23	0 4	17 27	1 41	22 46	14 9	23 30	23 30	6 26	3 19	3 46	M11
T 12	23 31	16 29	3 7	22 20	0 38	23 51	0 21	22 17	0 16	17 21	0 55	22 51	0 13	21 24	0 4	17 27	1 41	22 45	14 9	23 30	23 30	6 28	3 21	3 47	T 12
W13	23 32	19 46	2 8	22 4	0 57	23 54	0 23	22 25	0 17	17 19	0 55	22 51	0 13	21 24	0 4	17 28	1 41	22 45	14 8	23 30	23 30	6 31	3 22	3 47	W13
T 14	23 32	22 12	1 3	21 48	1 17	23 57	0 26	22 31	0 18	17 18	0 55	22 50	0 12	21 25	0 4	17 28	1 41	22 44	14 8	23 30	23 30	6 34	3 23	3 47	T 14
F 15	23 31	23 35	0n 7	21 33	1 36	24 0	0 28	22 38	0 18	17 17	0 55	22 50	0 12	21 25	0 4	17 28	1 41	22 43	14 8	23 30	23 30	6 37	3 25	3 47	F 15
S 16	23 30	23 45	1 17	21 18	1 55	24 1	0 30	22 44	0 19	17 17	0 54	22 49	0 12	21 26	0 4	17 29	1 41	22 43	14 8	23 30	23 30	6 39	3 26	3 47	S 16
S 17	23 29	22 37	2 25	21 5	2 13	24 2	0 32	22 50	0 20	17 16	0 54	22 49	0 12	21 27	0 4	17 29	1 41	22 42	14 7	23 30	23 30	6 42	3 27	3 47	S 17
M18	23 27	20 14	3 26	20 53	2 29	24 2	0 35	22 56	0 20	17 15	0 54	22 48	0 12	21 27	0 4	17 30	1 41	22 42	14 7	23 30	23 30	6 45	3 28	3 48	M18
T 19	23 25	16 43	4 16	20 42	2 44	24 1	0 37	23 2	0 21	17 14	0 54	22 48	0 12	21 28	0 4	17 30	1 41	22 41	14 7	23 30	23 30	6 47	3 29	3 48	T 19
W20	23 22	12 16	4 53	20 32	2 56	24 0	0 39	23 8	0 22	17 13	0 53	22 47	0 12	21 28	0 4	17 31	1 41	22 41	14 6	23 30	23 30	6 50	3 30	3 48	W20
T 21	23 18	7 8	5 14	20 24	3 6	23 58	0 41	23 13	0 22	17 13	0 53	22 46	0 12	21 29	0 4	17 31	1 41	22 40	14 6	23 30	23 30	6 53	3 31	3 48	T 21
F 22	23 15	1 35	5 16	20 18	3 13	23 55	0 43	23 18	0 23	17 12	0 53	22 46	0 12	21 29	0 4	17 31	1 41	22 39	14 6	23 30	23 30	6 56	3 32	3 48	F 22
S 23	23 10	4s 6	4 59	20 13	3 18	23 51	0 45	23 23	0 24	17 12	0 53	22 45	0 12	21 30	0 4	17 32	1 41	22 39	14 6	23 30	23 30	6 58	3 33	3 49	S 23
S 24	23 6	9 38	4 23	20 11	3 21	23 47	0 47	23 27	0 24	17 11	0 52	22 45	0 12	21 30	0 4	17 32	1 41	22 38	14 5	23 30	23 30	7 1	3 33	3 49	S 24
M25	23 1	14 40	3 31	20 10	3 21	23 41	0 49	23 31	0 25	17 11	0 52	22 44	0 12	21 31	0 4	17 32	1 41	22 38	14 5	23 30	23 30	7 4	3 34	3 49	M25
T 26	22 55	18 52	2 26	20 11	3 19	23 35	0 51	23 36	0 26	17 10	0 52	22 43	0 12	21 32	0 4	17 33	1 41	22 37	14 5	23 30	23 31	7 7	3 35	3 49	T 26
W27	22 49	21 55	1 12	20 14	3 16	23 29	0 53	23 39	0 26	17 10	0 52	22 43	0 12	21 32	0 4	17 33	1 41	22 36	14 5	23 30	23 31	7 9	3 36	3 49	W27
T 28	22 42	23 34	0s 6	20 18	3 11	23 21	0 55	23 43	0 27	17 9	0 51	22 42	0 11	21 33	0 4	17 34	1 41	22 36	14 5	23 30	23 31	7 12	3 36	3 49	T 28
F 29	22 35	23 42	1 22	20 24	3 5	23 13	0 57	23 46	0 28	17 9	0 51	22 42	0 11	21 33	0 4	17 34	1 41	22 35	14 4	23 30	23 31	7 15	3 37	3 50	F 29
S 30	22 28	22 23	2 32	20 31	2 58	23 5	0 59	23 49	0 28	17 9	0 51	22 41	0 11	21 34	0 4	17 34	1 41	22 34	14 4	23 30	23 31	7 17	3 37	3 50	S 30
S 31	22s20	19s51	3s32	20s39	2n50	22s55	1s 0	23s52	0s29	17n 9	0s50	22s40	0n11	21s34	0n 4	17s35	1n41	22s34	14s 4	23n30	23n31	7n20	3s38	3s50	S 31

Julian Day Number = 2200600.5, Delta T = 10m04s
Ecliptic obliquity = 23°31'41, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°09'27, Lahiri = 14°16'27 Julian Calendar 1 Dec. 1312 == Greg. Calendar 9 Dec. 1312

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ASTRODIENST EPHEMERIS for the year 1313
geocentric

JANUARY 1313 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	7 13 0	18♑50'05	27♒45	26♐55	21♑59	24♐42	20°R33	13♑27	7♐30	25♏34	5♓28	2°R40	1♋57	0♉19	0♎18	M 1
T 2	7 16 56	19°51'11	10♓27	27°16	23°14	25°27	20♉31	13°34	7°33	25°36	5°29	2♋38	1°54	0°26	0°18	T 2
W 3	7 20 53	20°52'16	22°50	27°42	24°30	26°12	20°31	13°41	7°36	25°37	5°31	2°35	1°51	0°32	0°19	W 3
T 4	7 24 49	21°53'20	4♈59	28°15	25°45	26°56	20°30	13°48	7°38	25°39	5°32	2°33	1°48	0°39	0°19	T 4
F 5	7 28 46	22°54'24	16°58	28°53	27° 1	27°41	20°29	13°55	7°41	25°40	5°33	2°32	1°44	0°46	0°19	F 5
S 6	7 32 43	23°55'26	28°50	29°36	28°16	28°26	20°29	14° 2	7°44	25°41	5°34	2°D32	1°41	0°52	0°R19	S 6
S 7	7 36 39	24°56'27	10♉42	0♑23	29°31	29°11	20°D29	14° 9	7°47	25°43	5°36	2°33	1°38	0°59	0°19	S 7
M 8	7 40 36	25°57'27	22°37	1°14	0♒47	29°56	20°29	14°16	7°50	25°44	5°37	2°35	1°35	1° 6	0°19	M 8
T 9	7 44 32	26°58'25	4♊40	2° 8	2° 2	0♑41	20°29	14°23	7°52	25°46	5°38	2°37	1°32	1°13	0°19	T 9
W10	7 48 29	27°59'23	16°56	3° 6	3°17	1°26	20°30	14°30	7°55	25°47	5°39	2°38	1°29	1°19	0°18	W10
T 11	7 52 25	29° 0'19	29°28	4° 7	4°33	2°11	20°31	14°37	7°58	25°48	5°41	2°R39	1°25	1°26	0°18	T 11
F 12	7 56 22	0♒ 1'15	12♋19	5°10	5°48	2°56	20°32	14°44	8° 0	25°49	5°42	2°39	1°22	1°33	0°17	F 12
S 13	8 0 18	1° 2'09	25°28	6°16	7° 3	3°41	20°33	14°51	8° 3	25°51	5°43	2°37	1°19	1°39	0°16	S 13
S 14	8 4 15	2° 3'02	8♌55	7°24	8°18	4°26	20°34	14°58	8° 6	25°52	5°45	2°34	1°16	1°46	0°15	S 14
M15	8 8 12	3° 3'54	22°39	8°34	9°34	5°12	20°36	15° 5	8° 8	25°53	5°46	2°29	1°13	1°53	0°14	M15
T 16	8 12 8	4° 4'45	6♍37	9°46	10°49	5°57	20°38	15°11	8°10	25°54	5°48	2°24	1° 9	2° 0	0°13	T 16
W17	8 16 5	5° 5'35	20°44	11° 0	12° 4	6°42	20°39	15°18	8°13	25°55	5°49	2°19	1° 6	2° 6	0°12	W17
T 18	8 20 1	6° 6'24	4♎56	12°15	13°19	7°28	20°42	15°25	8°15	25°56	5°50	2°15	1° 3	2°13	0°11	T 18
F 19	8 23 58	7° 7'11	19°10	13°32	14°34	8°13	20°44	15°32	8°18	25°57	5°52	2°12	1° 0	2°20	0° 9	F 19
S 20	8 27 54	8° 7'58	3♏22	14°50	15°50	8°58	20°47	15°39	8°20	25°58	5°53	2°D11	0°57	2°26	0° 8	S 20
S 21	8 31 51	9° 8'44	17°30	16°10	17° 5	9°44	20°49	15°45	8°22	25°59	5°55	2°11	0°54	2°33	0° 6	S 21
M22	8 35 47	10° 9'29	1♐33	17°31	18°20	10°29	20°52	15°52	8°24	26° 0	5°56	2°12	0°50	2°40	0° 4	M22
T 23	8 39 44	11°10'13	15°30	18°53	19°35	11°15	20°55	15°59	8°26	26° 1	5°58	2°14	0°47	2°46	0° 2	T 23
W24	8 43 41	12°10'56	29°19	20°16	20°50	12° 0	20°59	16° 5	8°29	26° 2	5°59	2°R14	0°44	2°53	0° 0	W24
T 25	8 47 37	13°11'38	12♑59	21°40	22° 5	12°46	21° 2	16°12	8°31	26° 3	6° 1	2°14	0°41	3° 0	29♍58	T 25
F 26	8 51 34	14°12'18	26°30	23° 6	23°20	13°31	21° 6	16°19	8°33	26° 3	6° 2	2°11	0°38	3° 7	29°56	F 26
S 27	8 55 30	15°12'57	9♒48	24°32	24°35	14°17	21°10	16°25	8°35	26° 4	6° 4	2° 7	0°35	3°13	29°53	S 27
S 28	8 59 27	16°13'34	22°53	26° 0	25°50	15° 2	21°14	16°32	8°37	26° 5	6° 5	2° 0	0°31	3°20	29°51	S 28
M29	9 3 23	17°14'10	5♓44	27°29	27° 6	15°48	21°18	16°38	8°38	26° 6	6° 7	1°52	0°28	3°27	29°48	M29
T 30	9 7 20	18°14'44	18°19	28°58	28°21	16°34	21°22	16°45	8°40	26° 6	6° 8	1°43	0°25	3°33	29°46	T 30
W31	9 11 16	19♒15'17	0♈40	0♒29	29♒36	17♑19	21♉27	16♑51	8♐42	26♏ 7	6♓10	1♋34	0♋22	3♉40	29♍43	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	22s12	16s21	4s19	20s48	2n41	22s45	1s 2	23s55	0s30	17n 9	0s50	22s40	0n11	21s35	0n 4	17s35	1n42	22s33	14s 4	23n30	23n31	7n23	3s38	3s50
T 2	22 3	12 11	4 52	20 58	2 32	22 34	1 4	23 57	0 30	17 9	0 50	22 39	0 11	21 35	0 4	17 35	1 42	22 33	14 3	23 30	23 31	7 26	3 38	3 50
W 3	21 54	7 36	5 11	21 8	2 23	22 22	1 5	23 59	0 31	17 9	0 50	22 38	0 11	21 36	0 4	17 35	1 42	22 32	14 3	23 30	23 31	7 28	3 39	3 50
T 4	21 45	2 50	5 15	21 18	2 13	22 10	1 7	24 1	0 31	17 9	0 49	22 38	0 11	21 36	0 4	17 36	1 42	22 31	14 3	23 30	23 31	7 31	3 39	3 51
F 5	21 35	1n59	5 5	21 29	2 3	21 57	1 8	24 3	0 32	17 9	0 49	22 37	0 11	21 37	0 4	17 36	1 42	22 31	14 3	23 30	23 31	7 34	3 39	3 51
S 6	21 24	6 42	4 43	21 39	1 53	21 44	1 10	24 4	0 33	17 9	0 49	22 36	0 11	21 37	0 4	17 36	1 42	22 30	14 3	23 30	23 31	7 36	3 39	3 51
S 7	21 13	11 9	4 8	21 49	1 43	21 29	1 11	24 5	0 33	17 9	0 49	22 36	0 11	21 38	0 4	17 37	1 42	22 29	14 2	23 30	23 31	7 39	3 40	3 51
M 8	21 2	15 13	3 23	21 59	1 33	21 14	1 13	24 6	0 34	17 10	0 48	22 35	0 11	21 38	0 4	17 37	1 42	22 29	14 2	23 30	23 31	7 42	3 40	3 51
T 9	20 50	18 44	2 28	22 8	1 22	20 59	1 14	24 6	0 35	17 10	0 48	22 34	0 11	21 38	0 4	17 37	1 42	22 28	14 2	23 30	23 31	7 45	3 40	3 51
W10	20 38	21 28	1 25	22 17	1 12	20 43	1 15	24 7	0 35	17 10	0 48	22 34	0 11	21 39	0 4	17 37	1 42	22 27	14 2	23 30	23 31	7 47	3 40	3 52
T 11	20 26	23 14	0 17	22 25	1 2	20 26	1 16	24 7	0 36	17 11	0 48	22 33	0 10	21 39	0 4	17 38	1 42	22 27	14 2	23 30	23 31	7 50	3 39	3 52
F 12	20 13	23 50	0n53	22 33	0 53	20 9	1 18	24 6	0 37	17 11	0 47	22 32	0 10	21 40	0 4	17 38	1 42	22 26	14 2	23 30	23 31	7 53	3 39	3 52
S 13	20 0	23 7	2 2	22 40	0 43	19 51	1 19	24 6	0 37	17 12	0 47	22 32	0 10	21 40	0 4	17 38	1 42	22 25	14 1	23 30	23 31	7 55	3 39	3 52
S 14	19 47	21 5	3 6	22 46	0 34	19 32	1 20	24 5	0 38	17 13	0 47	22 31	0 10	21 41	0 4	17 38	1 42	22 25	14 1	23 30	23 31	7 58	3 39	3 52
M15	19 33	17 47	4 0	22 51	0 24	19 13	1 21	24 4	0 39	17 13	0 46	22 30	0 10	21 41	0 4	17 39	1 42	22 24	14 1	23 30	23 31	8 1	3 39	3 52
T 16	19 18	13 28	4 41	22 55	0 15	18 54	1 22	24 3	0 39	17 14	0 46	22 30	0 10	21 41	0 4	17 39	1 42	22 23	14 1	23 30	23 31	8 4	3 38	3 52
W17	19 4	8 22	5 5	22 58	0 6	18 34	1 22	24 1	0 40	17 15	0 46	22 29	0 10	21 42	0 4	17 39	1 42	22 23	14 1	23 30	23 31	8 6	3 38	3 52
T 18	18 49	2 48	5 11	23 0	0s 2	18 13	1 23	24 0	0 41	17 16	0 46	22 28	0 10	21 42	0 4	17 39	1 42	22 22	14 1	23 31	23 31	8 9	3 37	3 52
F 19	18 34	2s56	4 58	23 1	0 11	17 52	1 24	23 58	0 41	17 16	0 45	22 27	0 10	21 43	0 4	17 39	1 42	22 21	14 1	23 31	23 31	8 12	3 37	3 53
S 20	18 18	8 30	4 27	23 1	0 19	17 30	1 25	23 55	0 42	17 17	0 45	22 27	0 10	21 43	0 4	17 40	1 42	22 21	14 0	23 31	23 32	8 14	3 36	3 53
S 21	18 2	13 36	3 39	23 0	0 27	17 8	1 25	23 53	0 43	17 18	0 45	22 26	0 10	21 43	0 4	17 40	1 42	22 20	14 0	23 31	23 32	8 17	3 36	3 53
M22	17 46	17 57	2 39	22 57	0 35	16 45	1 26	23 50	0 43	17 19	0 45	22 25	0 10	21 44	0 4	17 40	1 43	22 19	14 0	23 31	23 32	8 20	3 35	3 53
T 23	17 29	21 15	1 30	22 54	0 42	16 22	1 26	23 47	0 44	17 20	0 44	22 25	0 10	21 44	0 4	17 40	1 43	22 19	14 0	23 31	23 32	8 23	3 34	3 53
W24	17 12	23 16	0 16	22 49	0 50	15 58	1 27	23 43	0 44	17 21	0 44	22 24	0 10	21 44	0 4	17 40	1 43	22 18	14 0	23 31	23 32	8 25	3 34	3 53
T 25	16 55	23 51	0s58	22 42	0 57	15 34	1 27	23 40	0 45	17 23	0 44	22 23	0 10	21 45	0 4	17 40	1 43	22 17	14 0	23 31	23 32	8 28	3 33	3 53
F 26	16 38	23 1	2 8	22 35	1 3	15 10	1 27	23 36	0 46	17 24	0 44	22 22	0 9	21 45	0 4	17 41	1 43	22 17	14 0	23 31	23 32	8 31	3 32	3 53
S 27	16 20	20 54	3 9	22 26	1 10	14 45	1 28	23 32	0 46	17 25	0 43	22 22	0 9	21 45	0 4	17 41	1 43	22 16	14 0	23 31	23 32	8 33	3 31	3 53
S 28	16 2	17 42	3 59	22 16	1 16	14 20	1 28	23 27	0 47	17 26	0 43	22 21	0 9	21 46	0 4	17 41	1 43	22 15	14 0	23 31	23 32	8 36	3 30	3 53
M29	15 44	13 43	4 36	22 4	1 21	13 54	1 28	23 23	0 48	17 28	0 43	22 20	0 9	21 46	0 4	17 41	1 43	22 15	13 59	23 31	23 32	8 39	3 29	3 53
T 30	15 25	9 13	4 59	21 52	1 27	13 28	1 28	23 18	0 48	17 29	0 43	22 19	0 9	21 46	0 4	17 41	1 43	22 14	13 59	23 31	23 32	8 41	3 28	3 53
W31	15s 6	4s26	5s 7	21s37	1s32	13s 2	1s28	23s13	0s49	17n31	0s42	22s19	0n 9	21s46	0n 4	17s41	1n43	22s13	13s59	23n31	23n32	8n44	3s27	3s53

Julian Day Number = 2200631.5, Delta T = 10m04s
Ecliptic obliquity = 23°31'42, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°09'31, Lahiri = 14°16'32 Julian Calendar 1 Jan. 1313 == Greg. Calendar 9 Jan. 1313

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ASTRODIENST EPHEMERIS for the year 1313
geocentric

FEBRUARY 1313 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 15 13	20♒15'47	12♈48	2♒ 0	0♓51	18♑ 5	21♉32	16♑57	8♐44	26♏ 7	6♓11	1°R27	0♋19	3♉47	29°R40	T 1
F 2	9 19 10	21°16'16	24°46	3°33	2° 5	18°51	21°37	17° 4	8°46	26° 8	6°13	1♋21	0°15	3°53	29♍37	F 2
S 3	9 23 6	22°16'43	6♉38	5° 6	3°20	19°37	21°42	17°10	8°47	26° 9	6°14	1°17	0°12	4° 0	29°34	S 3
S 4	9 27 3	23°17'08	18°28	6°40	4°35	20°22	21°47	17°16	8°49	26° 9	6°16	1°D16	0° 9	4° 7	29°31	S 4
M 5	9 30 59	24°17'31	0♊22	8°16	5°50	21° 8	21°53	17°22	8°50	26°10	6°17	1°16	0° 6	4°14	29°28	M 5
T 6	9 34 56	25°17'53	12°24	9°52	7° 5	21°54	21°58	17°28	8°52	26°10	6°19	1°17	0° 3	4°20	29°25	T 6
W 7	9 38 52	26°18'12	24°40	11°29	8°20	22°40	22° 4	17°34	8°53	26°10	6°21	1°18	29♊59	4°27	29°21	W 7
T 8	9 42 49	27°18'29	7♋14	13° 7	9°35	23°26	22°10	17°40	8°55	26°11	6°22	1°R18	29°56	4°34	29°18	T 8
F 9	9 46 45	28°18'44	20°11	14°47	10°50	24°12	22°16	17°46	8°56	26°11	6°24	1°16	29°53	4°40	29°14	F 9
S 10	9 50 42	29°18'58	3♌32	16°27	12° 4	24°58	22°23	17°52	8°57	26°11	6°25	1°12	29°50	4°47	29°11	S 10
S 11	9 54 39	0♓19'09	17°18	18° 8	13°19	25°44	22°29	17°58	8°59	26°12	6°27	1° 5	29°47	4°54	29° 7	S 11
M12	9 58 35	1°19'18	1♍26	19°51	14°34	26°30	22°36	18° 4	9° 0	26°12	6°28	0°57	29°44	5° 0	29° 3	M12
T 13	10 2 32	2°19'26	15°52	21°34	15°49	27°16	22°43	18°10	9° 1	26°12	6°30	0°47	29°40	5° 7	29° 0	T 13
W14	10 6 28	3°19'31	0♎28	23°18	17° 3	28° 2	22°50	18°16	9° 2	26°12	6°32	0°37	29°37	5°14	28°56	W14
T 15	10 10 25	4°19'35	15° 8	25° 4	18°18	28°48	22°57	18°21	9° 3	26°12	6°33	0°28	29°34	5°21	28°52	T 15
F 16	10 14 21	5°19'38	29°44	26°51	19°33	29°34	23° 4	18°27	9° 4	26°12	6°35	0°21	29°31	5°27	28°48	F 16
S 17	10 18 18	6°19'38	14♏11	28°38	20°47	0♒20	23°11	18°32	9° 5	26°13	6°36	0°17	29°28	5°34	28°44	S 17
S 18	10 22 14	7°19'37	28°25	0♓27	22° 2	1° 6	23°19	18°38	9° 6	26°R13	6°38	0°15	29°25	5°41	28°39	S 18
M19	10 26 11	8°19'35	12♐24	2°17	23°16	1°52	23°27	18°43	9° 7	26°13	6°40	0°D14	29°21	5°47	28°35	M19
T 20	10 30 8	9°19'31	26° 8	4° 8	24°31	2°38	23°34	18°49	9° 8	26°13	6°41	0°R15	29°18	5°54	28°31	T 20
W21	10 34 4	10°19'25	9♑39	6° 0	25°45	3°24	23°42	18°54	9° 8	26°12	6°43	0°14	29°15	6° 1	28°27	W21
T 22	10 38 1	11°19'18	22°57	7°54	27° 0	4°10	23°50	18°59	9° 9	26°12	6°44	0°12	29°12	6° 7	28°22	T 22
F 23	10 41 57	12°19'08	6♒ 4	9°48	28°14	4°57	23°59	19° 4	9°10	26°12	6°46	0° 8	29° 9	6°14	28°18	F 23
S 24	10 45 54	13°18'57	18°59	11°43	29°29	5°43	24° 7	19°10	9°10	26°12	6°48	29♊59	29° 6	6°21	28°13	S 24
S 25	10 49 50	14°18'44	1♓44	13°40	0♈43	6°29	24°16	19°15	9°11	26°12	6°49	29°49	29° 2	6°28	28° 9	S 25
M26	10 53 47	15°18'29	14°18	15°37	1°57	7°15	24°24	19°20	9°11	26°12	6°51	29°37	28°59	6°34	28° 4	M26
T 27	10 57 43	16°18'12	26°42	17°35	3°12	8° 2	24°33	19°25	9°11	26°11	6°52	29°23	28°56	6°41	28° 0	T 27
W28	11 1 40	17♓17'53	8♈54	19♓34	4♈26	8♒48	24♉42	19♑29	9♐12	26♏11	6♓54	29♊10	28♊53	6♉48	27♍55	W28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	14s47	0n27	5s 1	21s22	1s37	12s35	1s28	23s 7	0s50	17n32	0s42	22s18	0n 9	21s47	0n 4	17s41	1n43	22s13	13s59	23n31	23n32	8n47	3s26	3s53
F 2	14 28	5 15	4 42	21 5	1 42	12 8	1 28	23 2	0 50	17 34	0 42	22 17	0 9	21 47	0 4	17 41	1 43	22 12	13 59	23 31	23 32	8 50	3 25	3 53
S 3	14 8	9 50	4 11	20 46	1 46	11 41	1 27	22 56	0 51	17 35	0 42	22 16	0 9	21 47	0 4	17 41	1 43	22 11	13 59	23 31	23 32	8 52	3 24	3 53
S 4	13 48	14 2	3 29	20 27	1 50	11 13	1 27	22 49	0 51	17 37	0 41	22 16	0 9	21 48	0 4	17 41	1 43	22 11	13 59	23 31	23 32	8 55	3 23	3 53
M 5	13 28	17 43	2 38	20 5	1 53	10 45	1 27	22 43	0 52	17 38	0 41	22 15	0 9	21 48	0 4	17 41	1 43	22 10	13 59	23 31	23 32	8 58	3 21	3 53
T 6	13 8	20 43	1 40	19 43	1 56	10 17	1 26	22 36	0 53	17 40	0 41	22 14	0 9	21 48	0 4	17 42	1 43	22 9	13 59	23 31	23 32	9 0	3 20	3 53
W 7	12 48	22 50	0 36	19 19	1 59	9 48	1 26	22 29	0 53	17 42	0 41	22 14	0 9	21 48	0 4	17 42	1 43	22 9	13 59	23 31	23 32	9 3	3 19	3 53
T 8	12 27	23 52	0n32	18 53	2 2	9 19	1 25	22 22	0 54	17 44	0 40	22 13	0 9	21 48	0 4	17 42	1 43	22 8	13 59	23 31	23 32	9 6	3 17	3 53
F 9	12 6	23 39	1 39	18 26	2 4	8 50	1 25	22 15	0 54	17 45	0 40	22 12	0 9	21 49	0 4	17 42	1 43	22 8	13 59	23 31	23 32	9 8	3 16	3 53
S 10	11 45	22 5	2 44	17 57	2 5	8 21	1 24	22 7	0 55	17 47	0 40	22 11	0 8	21 49	0 4	17 42	1 44	22 7	13 59	23 31	23 32	9 11	3 14	3 53
S 11	11 24	19 12	3 40	17 27	2 7	7 52	1 23	21 59	0 56	17 49	0 40	22 11	0 8	21 49	0 4	17 42	1 44	22 6	13 59	23 31	23 32	9 14	3 13	3 53
M12	11 3	15 7	4 25	16 56	2 7	7 22	1 23	21 51	0 56	17 51	0 40	22 10	0 8	21 49	0 4	17 42	1 44	22 6	13 59	23 32	23 32	9 17	3 11	3 53
T 13	10 41	10 6	4 53	16 23	2 8	6 52	1 22	21 43	0 57	17 53	0 39	22 9	0 8	21 49	0 4	17 42	1 44	22 5	13 59	23 32	23 32	9 19	3 10	3 53
W14	10 19	4 27	5 3	15 49	2 8	6 22	1 21	21 34	0 57	17 55	0 39	22 9	0 8	21 50	0 4	17 42	1 44	22 5	13 59	23 32	23 32	9 22	3 8	3 53
T 15	9 58	1s28	4 54	15 13	2 7	5 52	1 20	21 25	0 58	17 57	0 39	22 8	0 8	21 50	0 4	17 42	1 44	22 4	13 59	23 32	23 32	9 25	3 6	3 53
F 16	9 36	7 17	4 25	14 36	2 7	5 22	1 19	21 16	0 59	17 59	0 39	22 7	0 8	21 50	0 4	17 42	1 44	22 3	13 59	23 32	23 32	9 27	3 5	3 53
S 17	9 13	12 40	3 39	13 57	2 5	4 51	1 17	21 7	0 59	18 1	0 38	22 6	0 8	21 50	0 4	17 42	1 44	22 3	13 59	23 32	23 32	9 30	3 3	3 53
S 18	8 51	17 16	2 41	13 16	2 3	4 20	1 16	20 58	1 0	18 3	0 38	22 6	0 8	21 50	0 4	17 41	1 44	22 2	13 59	23 32	23 32	9 33	3 1	3 53
M19	8 29	20 49	1 33	12 35	2 1	3 50	1 15	20 48	1 0	18 5	0 38	22 5	0 8	21 50	0 4	17 41	1 44	22 2	13 59	23 32	23 32	9 35	2 59	3 53
T 20	8 6	23 6	0 22	11 52	1 58	3 19	1 14	20 38	1 1	18 8	0 38	22 4	0 8	21 51	0 4	17 41	1 44	22 1	13 59	23 32	23 32	9 38	2 58	3 52
W21	7 43	24 0	0s50	11 7	1 55	2 48	1 12	20 28	1 2	18 10	0 38	22 4	0 8	21 51	0 4	17 41	1 44	22 0	13 59	23 32	23 32	9 41	2 56	3 52
T 22	7 21	23 30	1 57	10 21	1 51	2 17	1 11	20 17	1 2	18 12	0 37	22 3	0 8	21 51	0 4	17 41	1 44	22 0	13 59	23 32	23 32	9 43	2 54	3 52
F 23	6 58	21 42	2 58	9 34	1 46	1 46	1 9	20 7	1 3	18 14	0 37	22 2	0 8	21 51	0 4	17 41	1 44	21 59	13 59	23 32	23 32	9 46	2 52	3 52
S 24	6 35	18 47	3 48	8 45	1 41	1 15	1 8	19 56	1 3	18 16	0 37	22 2	0 8	21 51	0 4	17 41	1 44	21 59	13 59	23 32	23 32	9 49	2 50	3 52
S 25	6 12	15 1	4 26	7 55	1 36	0 44	1 6	19 45	1 4	18 19	0 37	22 1	0 7	21 51	0 4	17 41	1 44	21 58	13 59	23 32	23 32	9 52	2 48	3 52
M26	5 49	10 39	4 50	7 4	1 30	0 12	1 5	19 34	1 4	18 21	0 37	22 0	0 7	21 51	0 4	17 41	1 44	21 58	13 59	23 32	23 31	9 54	2 46	3 51
T 27	5 25	5 54	5 0	6 12	1 23	0n19	1 3	19 22	1 5	18 23	0 36	22 0	0 7	21 51	0 4	17 41	1 44	21 57	13 59	23 32	23 31	9 57	2 44	3 51
W28	5s 2	1s 0	4s56	5s18	1s16	0n50	1s 1	19s11	1s 5	18n26	0s36	21s59	0n 7	21s51	0n 4	17s41	1n45	21s57	14s 0	23n32	23n31	10n 0	2s42	3s51

Julian Day Number = 2200662.5, Delta T = 10m04s
Ecliptic obliquity = 23°31'43, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°09'35, Lahiri = 14°16'36 Julian Calendar 1 Feb. 1313 == Greg. Calendar 9 Feb. 1313

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ASTRODIENST EPHEMERIS for the year 1313
geocentric

MARCH 1313 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	11 5 37	18♓17'31	20♈57	21♓34	5♈40	9♒34	24♉51	19♑34	9♐12	26°R11	6♓55	28°R57	28♊50	6♉54	27°R51	T 1
F 2	11 9 33	19°17'08	2♉52	23°34	6°55	10°20	25° 0	19°39	9°12	26♏10	6°57	28♊47	28°46	7° 1	27♍46	F 2
S 3	11 13 30	20°16'42	14°42	25°35	8° 9	11° 7	25° 9	19°44	9°13	26°10	6°59	28°40	28°43	7° 8	27°41	S 3
S 4	11 17 26	21°16'14	26°31	27°36	9°23	11°53	25°19	19°48	9°13	26° 9	7° 0	28°35	28°40	7°14	27°37	S 4
M 5	11 21 23	22°15'44	8♊23	29°37	10°37	12°39	25°28	19°53	9°13	26° 9	7° 2	28°33	28°37	7°21	27°32	M 5
T 6	11 25 19	23°15'12	20°22	1♈37	11°51	13°25	25°38	19°57	9°R13	26° 8	7° 3	28°32	28°34	7°28	27°27	T 6
W 7	11 29 16	24°14'37	2♋35	3°37	13° 5	14°12	25°48	20° 1	9°13	26° 8	7° 5	28°32	28°31	7°34	27°22	W 7
T 8	11 33 12	25°14'00	15° 7	5°36	14°19	14°58	25°57	20° 6	9°13	26° 7	7° 6	28°32	28°27	7°41	27°18	T 8
F 9	11 37 9	26°13'21	28° 3	7°34	15°33	15°44	26° 7	20°10	9°13	26° 7	7° 8	28°29	28°24	7°48	27°13	F 9
S 10	11 41 6	27°12'39	11♌25	9°30	16°47	16°31	26°18	20°14	9°12	26° 6	7° 9	28°24	28°21	7°55	27° 8	S 10
S 11	11 45 2	28°11'55	25°17	11°24	18° 1	17°17	26°28	20°18	9°12	26° 6	7°11	28°17	28°18	8° 1	27° 3	S 11
M12	11 48 59	29°11'08	9♍37	13°15	19°15	18° 3	26°38	20°22	9°12	26° 5	7°12	28° 7	28°15	8° 8	26°59	M12
T 13	11 52 55	0♈10'20	24°19	15° 4	20°29	18°49	26°48	20°26	9°12	26° 4	7°14	27°56	28°11	8°15	26°54	T 13
W14	11 56 52	1° 9'29	9♎17	16°50	21°43	19°36	26°59	20°30	9°11	26° 3	7°15	27°44	28° 8	8°21	26°49	W14
T 15	12 0 48	2° 8'36	24°22	18°31	22°57	20°22	27° 9	20°33	9°11	26° 3	7°17	27°34	28° 5	8°28	26°44	T 15
F 16	12 4 45	3° 7'41	9♏22	20° 9	24°11	21° 8	27°20	20°37	9°10	26° 2	7°18	27°26	28° 2	8°35	26°40	F 16
S 17	12 8 41	4° 6'45	24°10	21°43	25°24	21°55	27°31	20°40	9°10	26° 1	7°20	27°20	27°59	8°41	26°35	S 17
S 18	12 12 38	5° 5'47	8♐39	23°12	26°38	22°41	27°42	20°44	9° 9	26° 0	7°21	27°17	27°56	8°48	26°30	S 18
M19	12 16 34	6° 4'47	22°47	24°36	27°52	23°27	27°53	20°47	9° 9	25°59	7°23	27°D16	27°52	8°55	26°26	M19
T 20	12 20 31	7° 3'45	6♑33	25°54	29° 5	24°14	28° 4	20°51	9° 8	25°58	7°24	27°R16	27°49	9° 1	26°21	T 20
W21	12 24 28	8° 2'41	19°59	27° 7	0♉19	25° 0	28°15	20°54	9° 7	25°57	7°26	27°16	27°46	9° 8	26°16	W21
T 22	12 28 24	9° 1'36	3♒ 7	28°15	1°32	25°46	28°26	20°57	9° 6	25°57	7°27	27°14	27°43	9°15	26°12	T 22
F 23	12 32 21	10° 0'29	15°59	29°17	2°46	26°33	28°37	21° 0	9° 6	25°56	7°28	27° 9	27°40	9°21	26° 7	F 23
S 24	12 36 17	10°59'20	28°38	0♉13	3°59	27°19	28°49	21° 3	9° 5	25°55	7°30	27° 2	27°37	9°28	26° 3	S 24
S 25	12 40 14	11°58'09	11♓ 6	1° 2	5°13	28° 5	29° 0	21° 6	9° 4	25°54	7°31	26°52	27°33	9°35	25°58	S 25
M26	12 44 10	12°56'57	23°24	1°46	6°26	28°52	29°12	21° 9	9° 3	25°52	7°32	26°40	27°30	9°42	25°54	M26
T 27	12 48 7	13°55'42	5♈34	2°23	7°39	29°38	29°23	21°11	9° 2	25°51	7°34	26°27	27°27	9°48	25°50	T 27
W28	12 52 3	14°54'26	17°36	2°54	8°53	0♓24	29°35	21°14	9° 1	25°50	7°35	26°14	27°24	9°55	25°45	W28
T 29	12 56 0	15°53'07	29°33	3°19	10° 6	1°10	29°47	21°16	9° 0	25°49	7°36	26° 2	27°21	10° 2	25°41	T 29
F 30	12 59 57	16°51'47	11♉24	3°37	11°19	1°57	29°59	21°19	8°58	25°48	7°38	25°52	27°17	10° 8	25°37	F 30
S 31	13 3 53	17♈50'24	23♉12	3♉49	12♉33	2♓43	0♊11	21♑21	8♐57	25♏47	7♓39	25♊44	27♊14	10♉15	25♍33	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	4s39	3n54	4s39	4s24	1s 8	1n21	0s59	18s59	1s 6	18n28	0s36	21s59	0n 7	21s51	0n 4	17s40	1n45	21s56	14s 0	23n31	23n31	10n 2	2s40	3s51
F 2	4 15	8 36	4 10	3 28	1 0	1 52	0 58	18 47	1 6	18 31	0 36	21 58	0 7	21 51	0 4	17 40	1 45	21 56	14 0	23 31	23 31	10 5	2 38	3 51
S 3	3 52	12 58	3 30	2 32	0 51	2 24	0 56	18 35	1 7	18 33	0 36	21 57	0 7	21 51	0 4	17 40	1 45	21 55	14 0	23 31	23 31	10 8	2 36	3 50
S 4	3 28	16 51	2 41	1 35	0 41	2 55	0 54	18 22	1 8	18 35	0 35	21 57	0 7	21 51	0 4	17 40	1 45	21 55	14 0	23 31	23 31	10 10	2 34	3 50
M 5	3 5	20 4	1 45	0 38	0 31	3 26	0 52	18 10	1 8	18 38	0 35	21 56	0 7	21 51	0 4	17 40	1 45	21 54	14 0	23 31	23 31	10 13	2 32	3 50
T 6	2 41	22 28	0 43	0n19	0 21	3 57	0 50	17 57	1 9	18 40	0 35	21 56	0 7	21 51	0 3	17 40	1 45	21 54	14 0	23 31	23 31	10 16	2 29	3 50
W 7	2 18	23 52	0n21	1 17	0 10	4 28	0 47	17 44	1 9	18 43	0 35	21 55	0 7	21 51	0 3	17 40	1 45	21 53	14 0	23 31	23 31	10 18	2 27	3 49
T 8	1 54	24 6	1 27	2 15	0n 1	4 58	0 45	17 31	1 10	18 45	0 35	21 54	0 7	21 51	0 3	17 39	1 45	21 53	14 0	23 31	23 31	10 21	2 25	3 49
F 9	1 30	23 4	2 29	3 12	0 12	5 29	0 43	17 18	1 10	18 48	0 34	21 54	0 7	21 51	0 3	17 39	1 45	21 52	14 1	23 31	23 31	10 24	2 23	3 49
S 10	1 7	20 43	3 26	4 9	0 24	6 0	0 41	17 4	1 11	18 50	0 34	21 53	0 7	21 51	0 3	17 39	1 45	21 52	14 1	23 31	23 31	10 26	2 21	3 48
S 11	0 43	17 6	4 12	5 4	0 36	6 30	0 39	16 50	1 11	18 53	0 34	21 53	0 7	21 51	0 3	17 39	1 45	21 51	14 1	23 31	23 31	10 29	2 19	3 48
M12	0 19	12 23	4 45	5 59	0 48	7 0	0 36	16 37	1 11	18 56	0 34	21 52	0 6	21 51	0 3	17 39	1 45	21 51	14 1	23 31	23 31	10 32	2 16	3 48
T 13	0n 4	6 51	5 0	6 53	1 0	7 30	0 34	16 23	1 12	18 58	0 34	21 52	0 6	21 51	0 3	17 38	1 45	21 50	14 1	23 31	23 31	10 34	2 14	3 47
W14	0 28	0 49	4 54	7 45	1 12	8 0	0 32	16 9	1 12	19 1	0 34	21 51	0 6	21 51	0 3	17 38	1 45	21 50	14 1	23 31	23 31	10 37	2 12	3 47
T 15	0 51	5s19	4 28	8 35	1 24	8 30	0 29	15 54	1 13	19 3	0 33	21 51	0 6	21 51	0 3	17 38	1 45	21 49	14 1	23 30	23 31	10 40	2 10	3 47
F 16	1 15	11 7	3 44	9 23	1 35	9 0	0 27	15 40	1 13	19 6	0 33	21 50	0 6	21 51	0 3	17 38	1 45	21 49	14 2	23 30	23 31	10 42	2 8	3 46
S 17	1 38	16 13	2 45	10 8	1 46	9 29	0 24	15 25	1 14	19 9	0 33	21 50	0 6	21 51	0 3	17 37	1 45	21 49	14 2	23 30	23 31	10 45	2 5	3 46
S 18	2 2	20 14	1 37	10 52	1 57	9 58	0 22	15 10	1 14	19 11	0 33	21 49	0 6	21 51	0 3	17 37	1 45	21 48	14 2	23 30	23 31	10 48	2 3	3 46
M19	2 25	22 56	0 24	11 32	2 8	10 27	0 19	14 56	1 15	19 14	0 33	21 49	0 6	21 51	0 3	17 37	1 45	21 48	14 2	23 30	23 31	10 50	2 1	3 45
T 20	2 49	24 11	0s49	12 10	2 17	10 56	0 17	14 41	1 15	19 16	0 32	21 48	0 6	21 51	0 3	17 37	1 45	21 47	14 2	23 30	23 31	10 53	1 59	3 45
W21	3 12	23 58	1 57	12 45	2 26	11 24	0 14	14 25	1 16	19 19	0 32	21 48	0 6	21 51	0 3	17 36	1 46	21 47	14 3	23 30	23 31	10 56	1 57	3 44
T 22	3 35	22 25	2 57	13 18	2 34	11 53	0 11	14 10	1 16	19 22	0 32	21 48	0 6	21 51	0 3	17 36	1 46	21 47	14 3	23 30	23 31	10 58	1 54	3 44
F 23	3 59	19 43	3 47	13 47	2 42	12 20	0 9	13 55	1 16	19 24	0 32	21 47	0 6	21 50	0 3	17 36	1 46	21 46	14 3	23 30	23 30	11 1	1 52	3 44
S 24	4 22	16 8	4 25	14 13	2 48	12 48	0 6	13 39	1 17	19 27	0 32	21 47	0 6	21 50	0 3	17 36	1 46	21 46	14 3	23 30	23 30	11 4	1 50	3 43
S 25	4 45	11 54	4 50	14 35	2 54	13 15	0 3	13 23	1 17	19 30	0 32	21 46	0 6	21 50	0 3	17 35	1 46	21 46	14 3	23 29	23 30	11 6	1 48	3 43
M26	5 8	7 13	5 0	14 55	2 58	13 42	0 1	13 8	1 18	19 32	0 31	21 46	0 6	21 50	0 3	17 35	1 46	21 45	14 4	23 29	23 30	11 9	1 46	3 42
T 27	5 31	2 20	4 57	15 11	3 2	14 9	0n 2	12 52	1 18	19 35	0 31	21 46	0 5	21 50	0 3	17 35	1 46	21 45	14 4	23 29	23 30	11 12	1 44	3 42
W28	5 54	2n37	4 41	15 24	3 4	14 35	0 5	12 36	1 18	19 38	0 31	21 45	0 5	21 50	0 3	17 35	1 46	21 45	14 4	23 28	23 30	11 14	1 41	3 41
T 29	6 16	7 25	4 12	15 34	3 5	15 1	0 8	12 19	1 19	19 40	0 31	21 45	0 5	21 50	0 3	17 34	1 46	21 44	14 4	23 28	23 30	11 17	1 39	3 41
F 30	6 39	11 57	3 32	15 40	3 5	15 27	0 10	12 3	1 19	19 43	0 31	21 45	0 5	21 49	0 3	17 34	1 46	21 44	14 4	23 28	23 30	11 20	1 37	3 40
S 31	7n 1	16n 0	2s43	15n42	3n 3	15n52	0n13	11s47	1s19	19n46	0s31	21s45	0n 5	21s49	0n 3	17s34	1n46	21s44	14s 5	23n28	23n30	11n22	1s35	3s40

Julian Day Number = 2200690.5, Delta T = 10m04s
Ecliptic obliquity = 23°31'43, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°09'39, Lahiri = 14°16'40 Julian Calendar 1 March 1313 == Greg. Calendar 9 March 1313

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ASTRODIENST EPHEMERIS for the year 1313
geocentric

APRIL 1313 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	13 7 50	18♈48'59	5♊ 1	3°R55	13♉46	3♓29	0♊23	21♑23	8°R56	25°R46	7♓40	25°R40	27♊11	10♉22	25°R28	S 1
M 2	13 11 46	19°47'33	16°52	3♉55	14°59	4°15	0°35	21°25	8♐55	25♏44	7°42	25♊38	27° 8	10°28	25♍24	M 2
T 3	13 15 43	20°46'04	28°52	3°49	16°12	5° 1	0°47	21°27	8°53	25°43	7°43	25°D37	27° 5	10°35	25°20	T 3
W 4	13 19 39	21°44'33	11♋ 3	3°38	17°25	5°48	0°59	21°29	8°52	25°42	7°44	25°38	27° 2	10°42	25°16	W 4
T 5	13 23 36	22°42'59	23°32	3°21	18°38	6°34	1°11	21°31	8°51	25°41	7°45	25°R38	26°58	10°48	25°13	T 5
F 6	13 27 32	23°41'24	6♌24	3° 0	19°51	7°20	1°24	21°33	8°49	25°39	7°46	25°37	26°55	10°55	25° 9	F 6
S 7	13 31 29	24°39'46	19°42	2°34	21° 4	8° 6	1°36	21°35	8°48	25°38	7°48	25°35	26°52	11° 2	25° 5	S 7
S 8	13 35 26	25°38'07	3♍30	2° 5	22°16	8°52	1°49	21°36	8°46	25°37	7°49	25°30	26°49	11° 8	25° 1	S 8
M 9	13 39 22	26°36'25	17°47	1°32	23°29	9°38	2° 1	21°38	8°45	25°35	7°50	25°23	26°46	11°15	24°58	M 9
T 10	13 43 19	27°34'41	2♎31	0°57	24°42	10°24	2°14	21°39	8°43	25°34	7°51	25°14	26°43	11°22	24°54	T 10
W11	13 47 15	28°32'55	17°35	0°20	25°55	11°10	2°26	21°40	8°41	25°33	7°52	25° 6	26°39	11°29	24°51	W11
T 12	13 51 12	29°31'07	2♏50	29♈41	27° 7	11°56	2°39	21°41	8°40	25°31	7°53	24°58	26°36	11°35	24°48	T 12
F 13	13 55 8	0♉29'18	18° 5	29° 2	28°20	12°42	2°52	21°43	8°38	25°30	7°54	24°52	26°33	11°42	24°44	F 13
S 14	13 59 5	1°27'27	3♐ 9	28°23	29°32	13°28	3° 4	21°44	8°36	25°28	7°55	24°48	26°30	11°49	24°41	S 14
S 15	14 3 1	2°25'34	17°55	27°45	0♊45	14°14	3°17	21°44	8°34	25°27	7°56	24°D46	26°27	11°55	24°38	S 15
M16	14 6 58	3°23'40	2♑18	27° 9	1°57	15° 0	3°30	21°45	8°32	25°25	7°57	24°46	26°23	12° 2	24°35	M16
T 17	14 10 55	4°21'45	16°14	26°34	3°10	15°46	3°43	21°46	8°31	25°24	7°58	24°47	26°20	12° 9	24°32	T 17
W18	14 14 51	5°19'48	29°46	26° 2	4°22	16°32	3°56	21°47	8°29	25°22	7°59	24°R48	26°17	12°15	24°29	W18
T 19	14 18 48	6°17'50	12♒54	25°34	5°34	17°18	4° 9	21°47	8°27	25°21	8° 0	24°48	26°14	12°22	24°27	T 19
F 20	14 22 44	7°15'50	25°41	25° 9	6°47	18° 4	4°22	21°47	8°25	25°19	8° 1	24°46	26°11	12°29	24°24	F 20
S 21	14 26 41	8°13'49	8♓13	24°47	7°59	18°49	4°35	21°48	8°23	25°18	8° 2	24°42	26° 8	12°35	24°21	S 21
S 22	14 30 37	9°11'47	20°31	24°30	9°11	19°35	4°48	21°48	8°21	25°16	8° 3	24°36	26° 4	12°42	24°19	S 22
M23	14 34 34	10° 9'43	2♈38	24°18	10°23	20°21	5° 2	21°48	8°19	25°15	8° 4	24°29	26° 1	12°49	24°17	M23
T 24	14 38 30	11° 7'37	14°39	24° 9	11°35	21° 7	5°15	21°R48	8°17	25°13	8° 5	24°21	25°58	12°55	24°14	T 24
W25	14 42 27	12° 5'31	26°33	24°D 6	12°47	21°52	5°28	21°48	8°14	25°12	8° 6	24°13	25°55	13° 2	24°12	W25
T 26	14 46 23	13° 3'23	8♉24	24° 7	13°59	22°38	5°41	21°48	8°12	25°10	8° 6	24° 6	25°52	13° 9	24°10	T 26
F 27	14 50 20	14° 1'13	20°13	24°12	15°11	23°24	5°55	21°47	8°10	25° 8	8° 7	24° 0	25°48	13°15	24° 8	F 27
S 28	14 54 17	14°59'02	2♊ 2	24°23	16°23	24° 9	6° 8	21°47	8° 8	25° 7	8° 8	23°56	25°45	13°22	24° 6	S 28
S 29	14 58 13	15°56'50	13°54	24°37	17°35	24°55	6°22	21°47	8° 6	25° 5	8° 9	23°53	25°42	13°29	24° 5	S 29
M30	15 2 10	16♉54'36	25♊50	24♈56	18♊46	25♓40	6♊35	21♑46	8♐ 4	25♏ 4	8♓10	23°D53	25♊39	13♉35	24♍ 3	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	7n24	19n27	1s47	15n42	3n 0	16n17	0n16	11s30	1s20	19n48	0s31	21s44	0n 5	21s49	0n 3	17s33	1n46	21s44	14s 5	23n27	23n30	11n25	1s33	3s39
M 2	7 46	22 6	0 46	15 38	2 56	16 41	0 19	11 14	1 20	19 51	0 30	21 44	0 5	21 49	0 3	17 33	1 46	21 43	14 5	23 27	23 30	11 27	1 31	3 39
T 3	8 8	23 49	0n17	15 30	2 50	17 5	0 22	10 57	1 20	19 54	0 30	21 44	0 5	21 49	0 3	17 33	1 46	21 43	14 5	23 27	23 30	11 30	1 29	3 38
W 4	8 30	24 25	1 22	15 20	2 43	17 29	0 24	10 40	1 21	19 57	0 30	21 44	0 5	21 48	0 3	17 32	1 46	21 43	14 6	23 27	23 30	11 33	1 27	3 38
T 5	8 52	23 49	2 23	15 6	2 35	17 52	0 27	10 23	1 21	19 59	0 30	21 43	0 5	21 48	0 3	17 32	1 46	21 43	14 6	23 27	23 30	11 35	1 25	3 37
F 6	9 14	21 58	3 20	14 50	2 25	18 15	0 30	10 7	1 21	20 2	0 30	21 43	0 5	21 48	0 3	17 32	1 46	21 42	14 6	23 27	23 30	11 38	1 23	3 37
S 7	9 35	18 53	4 8	14 30	2 14	18 37	0 33	9 50	1 22	20 4	0 30	21 43	0 5	21 48	0 3	17 31	1 46	21 42	14 6	23 27	23 29	11 41	1 21	3 36
S 8	9 57	14 39	4 43	14 8	2 1	18 59	0 35	9 32	1 22	20 7	0 30	21 43	0 5	21 48	0 3	17 31	1 46	21 42	14 7	23 27	23 29	11 43	1 19	3 36
M 9	10 18	9 29	5 2	13 44	1 48	19 20	0 38	9 15	1 22	20 10	0 29	21 43	0 5	21 47	0 3	17 31	1 46	21 42	14 7	23 27	23 29	11 46	1 17	3 35
T 10	10 39	3 37	5 3	13 18	1 34	19 41	0 41	8 58	1 23	20 12	0 29	21 42	0 4	21 47	0 3	17 30	1 46	21 42	14 7	23 27	23 29	11 49	1 15	3 35
W11	11 0	2s35	4 42	12 51	1 18	20 1	0 44	8 41	1 23	20 15	0 29	21 42	0 4	21 47	0 3	17 30	1 46	21 41	14 8	23 26	23 29	11 51	1 13	3 34
T 12	11 21	8 43	4 2	12 22	1 2	20 20	0 46	8 23	1 23	20 18	0 29	21 42	0 4	21 47	0 3	17 30	1 46	21 41	14 8	23 26	23 29	11 54	1 11	3 33
F 13	11 41	14 20	3 4	11 53	0 46	20 40	0 49	8 6	1 23	20 20	0 29	21 42	0 4	21 46	0 3	17 29	1 46	21 41	14 8	23 26	23 29	11 56	1 10	3 33
S 14	12 1	19 1	1 53	11 23	0 29	20 58	0 52	7 48	1 24	20 23	0 29	21 42	0 4	21 46	0 3	17 29	1 46	21 41	14 8	23 26	23 29	11 59	1 8	3 32
S 15	12 22	22 22	0 37	10 54	0 12	21 16	0 54	7 31	1 24	20 25	0 29	21 42	0 4	21 46	0 3	17 28	1 46	21 41	14 9	23 25	23 29	12 2	1 6	3 32
M16	12 42	24 11	0s40	10 24	0s 6	21 34	0 57	7 13	1 24	20 28	0 28	21 42	0 4	21 45	0 3	17 28	1 46	21 41	14 9	23 25	23 29	12 4	1 4	3 31
T 17	13 1	24 24	1 53	9 56	0 23	21 51	1 0	6 56	1 24	20 31	0 28	21 42	0 4	21 45	0 3	17 28	1 46	21 41	14 9	23 26	23 29	12 7	1 3	3 31
W18	13 21	23 10	2 57	9 29	0 39	22 7	1 2	6 38	1 25	20 33	0 28	21 42	0 4	21 45	0 3	17 27	1 46	21 41	14 10	23 26	23 29	12 10	1 1	3 30
T 19	13 40	20 41	3 50	9 3	0 56	22 23	1 5	6 20	1 25	20 36	0 28	21 42	0 4	21 45	0 3	17 27	1 46	21 40	14 10	23 26	23 28	12 12	0 59	3 29
F 20	13 59	17 14	4 30	8 39	1 12	22 38	1 7	6 2	1 25	20 38	0 28	21 42	0 4	21 44	0 3	17 27	1 46	21 40	14 10	23 25	23 28	12 15	0 58	3 29
S 21	14 18	13 5	4 56	8 17	1 27	22 52	1 10	5 45	1 25	20 41	0 28	21 42	0 4	21 44	0 3	17 26	1 46	21 40	14 11	23 25	23 28	12 17	0 56	3 28
S 22	14 37	8 29	5 7	7 58	1 41	23 6	1 12	5 27	1 25	20 43	0 28	21 42	0 4	21 44	0 3	17 26	1 46	21 40	14 11	23 25	23 28	12 20	0 55	3 28
M23	14 55	3 36	5 5	7 40	1 55	23 19	1 15	5 9	1 25	20 46	0 28	21 42	0 3	21 43	0 3	17 25	1 46	21 40	14 11	23 25	23 28	12 23	0 53	3 27
T 24	15 13	1n21	4 49	7 25	2 8	23 32	1 17	4 51	1 26	20 48	0 27	21 42	0 3	21 43	0 3	17 25	1 46	21 40	14 11	23 24	23 28	12 25	0 52	3 26
W25	15 31	6 13	4 21	7 13	2 20	23 44	1 20	4 33	1 26	20 51	0 27	21 42	0 3	21 43	0 3	17 25	1 46	21 40	14 12	23 24	23 28	12 28	0 50	3 26
T 26	15 49	10 52	3 42	7 3	2 31	23 55	1 22	4 15	1 26	20 53	0 27	21 42	0 3	21 42	0 3	17 24	1 46	21 40	14 12	23 24	23 28	12 31	0 49	3 25
F 27	16 6	15 6	2 53	6 56	2 41	24 6	1 24	3 57	1 26	20 56	0 27	21 42	0 3	21 42	0 3	17 24	1 46	21 40	14 12	23 24	23 28	12 33	0 47	3 24
S 28	16 23	18 45	1 56	6 51	2 50	24 16	1 26	3 39	1 26	20 58	0 27	21 42	0 3	21 42	0 3	17 24	1 46	21 40	14 13	23 23	23 28	12 36	0 46	3 24
S 29	16 40	21 39	0 54	6 49	2 58	24 25	1 29	3 21	1 26	21 1	0 27	21 43	0 3	21 41	0 3	17 23	1 47	21 40	14 13	23 23	23 28	12 38	0 45	3 23
M30	16n57	23n38	0n11	6n49	3s 5	24n34	1n31	3s 3	1s26	21n 3	0s27	21s43	0n 3	21s41	0n 3	17s23	1n47	21s40	14s13	23n23	23n27	12n41	0s44	3s23

Julian Day Number = 2200721.5, Delta T = 10m04s
Ecliptic obliquity = 23°31'43, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°09'44, Lahiri = 14°16'44 Julian Calendar 1 Apr. 1313 == Greg. Calendar 9 Apr. 1313

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ASTRODIENST EPHEMERIS for the year 1313
geocentric

MAY 1313 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	15 6 6	17♉52'20	7♋54	25♈20	19♊58	26♓26	6♊49	21°R45	8°R 1	25°R 2	8♓10	23♊54	25♊36	13♉42	24°R 2	T 1
W 2	15 10 3	18°50'03	20° 9	25°48	21°10	27°11	7° 2	21♑45	7♐59	25♏ 0	8°11	23°55	25°33	13°49	24♍ 0	W 2
T 3	15 13 59	19°47'45	2♌41	26°20	22°21	27°56	7°16	21°44	7°57	24°59	8°12	23°57	25°29	13°56	23°59	T 3
F 4	15 17 56	20°45'24	15°31	26°56	23°33	28°42	7°29	21°43	7°54	24°57	8°12	23°R58	25°26	14° 2	23°58	F 4
S 5	15 21 53	21°43'02	28°45	27°35	24°44	29°27	7°43	21°42	7°52	24°56	8°13	23°58	25°23	14° 9	23°57	S 5
S 6	15 25 49	22°40'39	12♍25	28°19	25°55	0♈12	7°56	21°41	7°50	24°54	8°14	23°56	25°20	14°16	23°56	S 6
M 7	15 29 46	23°38'14	26°32	29° 6	27° 7	0°57	8°10	21°39	7°47	24°52	8°14	23°54	25°17	14°22	23°55	M 7
T 8	15 33 42	24°35'47	11♎ 5	29°57	28°18	1°43	8°24	21°38	7°45	24°51	8°15	23°50	25°14	14°29	23°54	T 8
W 9	15 37 39	25°33'19	26° 0	0♉51	29°29	2°28	8°37	21°37	7°43	24°49	8°15	23°46	25°10	14°36	23°53	W 9
T 10	15 41 35	26°30'50	11♏ 8	1°49	0♋40	3°13	8°51	21°35	7°40	24°47	8°16	23°42	25° 7	14°42	23°53	T 10
F 11	15 45 32	27°28'20	26°22	2°50	1°51	3°58	9° 5	21°33	7°38	24°46	8°16	23°40	25° 4	14°49	23°52	F 11
S 12	15 49 28	28°25'48	11♐30	3°54	3° 2	4°43	9°18	21°32	7°35	24°44	8°17	23°38	25° 1	14°56	23°52	S 12
S 13	15 53 25	29°23'16	26°24	5° 1	4°13	5°28	9°32	21°30	7°33	24°43	8°17	23°D38	24°58	15° 2	23°52	S 13
M14	15 57 22	0♊20'43	10♑57	6°11	5°24	6°13	9°46	21°28	7°31	24°41	8°18	23°38	24°54	15° 9	23°D52	M14
T 15	16 1 18	1°18'09	25° 4	7°25	6°34	6°57	9°59	21°26	7°28	24°39	8°18	23°40	24°51	15°16	23°52	T 15
W16	16 5 15	2°15'34	8♒45	8°41	7°45	7°42	10°13	21°24	7°26	24°38	8°18	23°41	24°48	15°22	23°52	W16
T 17	16 9 11	3°12'58	21°59	10° 0	8°56	8°27	10°27	21°22	7°23	24°36	8°19	23°42	24°45	15°29	23°52	T 17
F 18	16 13 8	4°10'22	4♓50	11°22	10° 6	9°12	10°41	21°20	7°21	24°35	8°19	23°R42	24°42	15°36	23°53	F 18
S 19	16 17 4	5° 7'45	17°21	12°47	11°16	9°56	10°55	21°17	7°18	24°33	8°19	23°42	24°39	15°42	23°53	S 19
S 20	16 21 1	6° 5'08	29°36	14°14	12°27	10°41	11° 8	21°15	7°16	24°31	8°20	23°41	24°35	15°49	23°54	S 20
M21	16 24 57	7° 2'29	11♈39	15°45	13°37	11°25	11°22	21°12	7°13	24°30	8°20	23°39	24°32	15°56	23°54	M21
T 22	16 28 54	7°59'51	23°34	17°18	14°47	12°10	11°36	21°10	7°11	24°28	8°20	23°37	24°29	16° 2	23°55	T 22
W23	16 32 51	8°57'11	5♉25	18°53	15°57	12°54	11°50	21° 7	7° 8	24°27	8°20	23°34	24°26	16° 9	23°56	W23
T 24	16 36 47	9°54'31	17°14	20°32	17° 7	13°39	12° 4	21° 5	7° 6	24°25	8°20	23°32	24°23	16°16	23°57	T 24
F 25	16 40 44	10°51'51	29° 3	22°13	18°17	14°23	12°17	21° 2	7° 3	24°24	8°21	23°31	24°20	16°22	23°58	F 25
S 26	16 44 40	11°49'10	10♊56	23°57	19°27	15° 7	12°31	20°59	7° 1	24°22	8°21	23°30	24°16	16°29	24° 0	S 26
S 27	16 48 37	12°46'28	22°55	25°44	20°37	15°51	12°45	20°56	6°59	24°21	8°21	23°D29	24°13	16°36	24° 1	S 27
M28	16 52 33	13°43'46	5♋ 0	27°33	21°47	16°35	12°59	20°53	6°56	24°19	8°21	23°30	24°10	16°42	24° 2	M28
T 29	16 56 30	14°41'03	17°16	29°25	22°56	17°19	13°13	20°50	6°54	24°18	8°21	23°30	24° 7	16°49	24° 4	T 29
W30	17 0 26	15°38'19	29°43	1♊19	24° 6	18° 3	13°27	20°47	6°51	24°16	8°21	23°31	24° 4	16°56	24° 6	W30
T 31	17 4 23	16♊35'35	12♌24	3♊16	25♋15	18♈47	13♊40	20♑44	6♐49	24♏15	8°R21	23♊32	24♊ 0	17♉ 2	24♍ 8	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17n13	24n33	1n16	6n52	3s11	24n42	1n33	2s45	1s27	21n 5	0s27	21s43	0n 3	21s41	0n 3	17s22	1n47	21s40	14s14	23n23	23n27	12n44	0s42	3s22
W 2	17 29	24 18	2 19	6 58	3 16	24 49	1 35	2 27	1 27	21 8	0 26	21 43	0 3	21 40	0 3	17 22	1 47	21 40	14 14	23 23	23 27	12 46	0 41	3 21
T 3	17 45	22 49	3 16	7 5	3 20	24 55	1 37	2 9	1 27	21 10	0 26	21 43	0 3	21 40	0 3	17 22	1 47	21 40	14 15	23 23	23 27	12 49	0 40	3 21
F 4	18 1	20 9	4 5	7 15	3 24	25 1	1 39	1 51	1 27	21 13	0 26	21 44	0 3	21 40	0 3	17 21	1 47	21 40	14 15	23 23	23 27	12 51	0 39	3 20
S 5	18 16	16 22	4 43	7 27	3 26	25 6	1 41	1 33	1 27	21 15	0 26	21 44	0 3	21 39	0 3	17 21	1 47	21 40	14 15	23 23	23 27	12 54	0 38	3 19
S 6	18 31	11 39	5 7	7 41	3 28	25 10	1 43	1 15	1 27	21 17	0 26	21 44	0 2	21 39	0 3	17 20	1 47	21 41	14 16	23 23	23 27	12 57	0 37	3 19
M 7	18 45	6 10	5 13	7 57	3 29	25 14	1 44	0 57	1 27	21 20	0 26	21 44	0 2	21 38	0 3	17 20	1 47	21 41	14 16	23 23	23 27	12 59	0 36	3 18
T 8	18 59	0 11	4 59	8 14	3 29	25 17	1 46	0 39	1 27	21 22	0 26	21 45	0 2	21 38	0 3	17 20	1 47	21 41	14 16	23 23	23 27	13 2	0 35	3 17
W 9	19 13	5s57	4 25	8 34	3 28	25 19	1 48	0 21	1 27	21 24	0 26	21 45	0 2	21 38	0 3	17 19	1 47	21 41	14 17	23 23	23 26	13 4	0 34	3 17
T 10	19 27	11 52	3 32	8 55	3 26	25 21	1 49	0 3	1 27	21 26	0 26	21 45	0 2	21 37	0 3	17 19	1 47	21 41	14 17	23 23	23 26	13 7	0 34	3 16
F 11	19 40	17 4	2 24	9 18	3 24	25 22	1 51	0n15	1 27	21 28	0 25	21 46	0 2	21 37	0 3	17 18	1 47	21 41	14 17	23 23	23 26	13 10	0 33	3 15
S 12	19 53	21 9	1 6	9 43	3 21	25 22	1 52	0 33	1 27	21 31	0 25	21 46	0 2	21 37	0 3	17 18	1 47	21 41	14 18	23 22	23 26	13 12	0 32	3 15
S 13	20 6	23 44	0s15	10 9	3 17	25 21	1 53	0 51	1 27	21 33	0 25	21 46	0 2	21 36	0 3	17 18	1 46	21 41	14 18	23 22	23 26	13 15	0 31	3 14
M14	20 18	24 38	1 34	10 36	3 13	25 20	1 55	1 9	1 27	21 35	0 25	21 47	0 2	21 36	0 3	17 17	1 46	21 42	14 18	23 23	23 26	13 17	0 31	3 13
T 15	20 30	23 54	2 45	11 4	3 8	25 18	1 56	1 27	1 27	21 37	0 25	21 47	0 2	21 35	0 3	17 17	1 46	21 42	14 19	23 23	23 26	13 20	0 30	3 13
W16	20 41	21 44	3 44	11 34	3 2	25 15	1 57	1 44	1 27	21 39	0 25	21 48	0 2	21 35	0 3	17 17	1 46	21 42	14 19	23 23	23 26	13 22	0 30	3 12
T 17	20 53	18 28	4 29	12 5	2 56	25 11	1 58	2 2	1 27	21 41	0 25	21 48	0 2	21 35	0 3	17 16	1 46	21 42	14 19	23 23	23 25	13 25	0 29	3 11
F 18	21 4	14 24	4 59	12 36	2 50	25 7	1 59	2 20	1 27	21 43	0 25	21 48	0 1	21 34	0 3	17 16	1 46	21 42	14 20	23 23	23 25	13 28	0 29	3 11
S 19	21 14	9 49	5 14	13 9	2 42	25 2	2 0	2 37	1 27	21 45	0 25	21 49	0 1	21 34	0 3	17 15	1 46	21 43	14 20	23 23	23 25	13 30	0 28	3 10
S 20	21 24	4 57	5 14	13 43	2 35	24 57	2 1	2 55	1 27	21 47	0 24	21 49	0 1	21 33	0 3	17 15	1 46	21 43	14 21	23 23	23 25	13 33	0 28	3 9
M21	21 34	0n 1	5 0	14 17	2 26	24 51	2 1	3 13	1 26	21 49	0 24	21 50	0 1	21 33	0 3	17 15	1 46	21 43	14 21	23 23	23 25	13 35	0 28	3 9
T 22	21 43	4 57	4 34	14 52	2 18	24 44	2 2	3 30	1 26	21 51	0 24	21 50	0 1	21 33	0 3	17 14	1 46	21 43	14 21	23 22	23 25	13 38	0 27	3 8
W23	21 52	9 40	3 56	15 27	2 8	24 36	2 3	3 47	1 26	21 53	0 24	21 51	0 1	21 32	0 3	17 14	1 46	21 44	14 22	23 22	23 25	13 40	0 27	3 7
T 24	22 1	14 2	3 7	16 2	1 59	24 28	2 3	4 5	1 26	21 55	0 24	21 51	0 1	21 32	0 3	17 14	1 46	21 44	14 22	23 22	23 25	13 43	0 27	3 7
F 25	22 9	17 53	2 11	16 38	1 49	24 19	2 4	4 22	1 26	21 57	0 24	21 52	0 1	21 31	0 3	17 13	1 46	21 44	14 22	23 22	23 24	13 46	0 27	3 6
S 26	22 17	21 2	1 9	17 14	1 39	24 9	2 4	4 39	1 26	21 59	0 24	21 52	0 1	21 31	0 3	17 13	1 46	21 44	14 23	23 22	23 24	13 48	0 27	3 5
S 27	22 25	23 17	0 3	17 50	1 28	23 59	2 4	4 57	1 26	22 1	0 24	21 53	0 1	21 31	0 3	17 13	1 46	21 45	14 23	23 22	23 24	13 51	0 27	3 5
M28	22 32	24 29	1n 3	18 26	1 17	23 48	2 4	5 14	1 26	22 3	0 24	21 53	0 1	21 30	0 3	17 12	1 46	21 45	14 24	23 22	23 24	13 53	0 26	3 4
T 29	22 39	24 32	2 8	19 1	1 6	23 37	2 4	5 31	1 25	22 5	0 24	21 54	0 1	21 30	0 3	17 12	1 46	21 45	14 24	23 22	23 24	13 56	0 27	3 4
W30	22 45	23 21	3 8	19 36	0 55	23 24	2 4	5 48	1 25	22 7	0 24	21 55	0 0	21 29	0 3	17 12	1 46	21 46	14 24	23 22	23 24	13 58	0 27	3 3
T 31	22n51	20n58	3n59	20n10	0s44	23n12	2n 4	6n 5	1s25	22n 8	0s23	21s55	0n 0	21s29	0n 3	17s11	1n46	21s46	14s25	23n22	23n24	14n 1	0s27	3s 2

Julian Day Number = 2200751.5, Delta T = 10m04s
Ecliptic obliquity = 23°31'43, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°09'48, Lahiri = 14°16'48 Julian Calendar 1 May 1313 == Greg. Calendar 9 May 1313

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ASTRODIENST EPHEMERIS for the year 1313
geocentric

JUNE 1313 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	17 8 20	17♊32'50	25♌21	5♊15	26♋25	19♈31	13♊54	20°R40	6°R46	24°R13	8°R21	23♊32	23♊57	17♉ 9	24♍10	F 1
S 2	17 12 16	18°30'04	8♍37	7°16	27°34	20°15	14° 8	20♑37	6♐44	24♏12	8♓21	23°33	23°54	17°16	24°12	S 2
S 3	17 16 13	19°27'17	22°14	9°19	28°43	20°58	14°22	20°33	6°42	24°10	8°21	23°R33	23°51	17°23	24°14	S 3
M 4	17 20 9	20°24'29	6♎11	11°24	29°52	21°42	14°35	20°30	6°39	24° 9	8°21	23°32	23°48	17°29	24°16	M 4
T 5	17 24 6	21°21'41	20°30	13°30	1♌ 1	22°26	14°49	20°26	6°37	24° 7	8°21	23°32	23°45	17°36	24°18	T 5
W 6	17 28 2	22°18'52	5♏ 6	15°38	2°10	23° 9	15° 3	20°23	6°35	24° 6	8°21	23°32	23°41	17°43	24°21	W 6
T 7	17 31 59	23°16'03	19°56	17°47	3°18	23°52	15°17	20°19	6°32	24° 5	8°21	23°D32	23°38	17°49	24°23	T 7
F 8	17 35 55	24°13'14	4♐53	19°58	4°27	24°36	15°30	20°16	6°30	24° 3	8°20	23°32	23°35	17°56	24°26	F 8
S 9	17 39 52	25°10'24	19°50	22° 8	5°36	25°19	15°44	20°12	6°28	24° 2	8°20	23°R32	23°32	18° 3	24°29	S 9
S 10	17 43 49	26° 7'34	4♑37	24°19	6°44	26° 2	15°58	20° 8	6°25	24° 1	8°20	23°32	23°29	18° 9	24°32	S 10
M11	17 47 45	27° 4'43	19° 9	26°30	7°52	26°45	16°11	20° 4	6°23	23°59	8°20	23°32	23°26	18°16	24°35	M11
T 12	17 51 42	28° 1'53	3♒19	28°41	9° 0	27°28	16°25	20° 0	6°21	23°58	8°20	23°32	23°22	18°23	24°38	T 12
W13	17 55 38	28°59'03	17° 5	0♋51	10° 8	28°11	16°39	19°56	6°19	23°57	8°19	23°31	23°19	18°29	24°41	W13
T 14	17 59 35	29°56'13	0♓25	3° 1	11°16	28°54	16°52	19°52	6°16	23°55	8°19	23°30	23°16	18°36	24°44	T 14
F 15	18 3 31	0♋53'22	13°21	5° 9	12°24	29°37	17° 6	19°48	6°14	23°54	8°19	23°30	23°13	18°43	24°48	F 15
S 16	18 7 28	1°50'33	25°55	7°17	13°31	0♉20	17°20	19°44	6°12	23°53	8°18	23°29	23°10	18°49	24°51	S 16
S 17	18 11 24	2°47'43	8♈11	9°23	14°39	1° 2	17°33	19°40	6°10	23°52	8°18	23°D29	23° 6	18°56	24°55	S 17
M18	18 15 21	3°44'54	20°14	11°27	15°46	1°45	17°47	19°36	6° 8	23°51	8°18	23°30	23° 3	19° 3	24°59	M18
T 19	18 19 18	4°42'05	2♉ 8	13°31	16°53	2°27	18° 0	19°32	6° 6	23°50	8°17	23°31	23° 0	19° 9	25° 3	T 19
W20	18 23 14	5°39'17	13°57	15°32	18° 0	3°10	18°14	19°27	6° 4	23°48	8°17	23°32	22°57	19°16	25° 7	W20
T 21	18 27 11	6°36'29	25°46	17°32	19° 7	3°52	18°27	19°23	6° 2	23°47	8°16	23°33	22°54	19°23	25°11	T 21
F 22	18 31 7	7°33'41	7♊39	19°30	20°14	4°34	18°40	19°19	6° 0	23°46	8°16	23°34	22°51	19°29	25°15	F 22
S 23	18 35 4	8°30'54	19°38	21°26	21°20	5°16	18°54	19°15	5°58	23°45	8°15	23°R34	22°47	19°36	25°19	S 23
S 24	18 39 0	9°28'07	1♋46	23°20	22°27	5°58	19° 7	19°10	5°56	23°44	8°15	23°34	22°44	19°43	25°23	S 24
M25	18 42 57	10°25'20	14° 6	25°13	23°33	6°40	19°20	19° 6	5°54	23°43	8°14	23°33	22°41	19°49	25°28	M25
T 26	18 46 54	11°22'34	26°38	27° 4	24°39	7°22	19°34	19° 1	5°52	23°42	8°14	23°32	22°38	19°56	25°32	T 26
W27	18 50 50	12°19'48	9♌23	28°52	25°45	8° 4	19°47	18°57	5°50	23°41	8°13	23°29	22°35	20° 3	25°37	W27
T 28	18 54 47	13°17'02	22°22	0♌39	26°51	8°45	20° 0	18°53	5°48	23°40	8°13	23°26	22°32	20° 9	25°41	T 28
F 29	18 58 43	14°14'16	5♍35	2°24	27°57	9°27	20°13	18°48	5°47	23°40	8°12	23°24	22°28	20°16	25°46	F 29
S 30	19 2 40	15♋11'31	19♍ 2	4♌ 7	29♌ 2	10♉ 8	20♊26	18♑44	5♐45	23♏39	8♓11	23♊21	22♊25	20♉23	25♍51	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22n57	17n30	4n40	20n43	0s32	22n58	2n 4	6n21	1s25	22n10	0s23	21s56	0n 0	21s29	0n 3	17s11	1n46	21s46	14s25	23n22	23n23	14n 3	0s27	3s 2
S 2	23 2	13 6	5 7	21 15	0 21	22 44	2 3	6 38	1 25	22 12	0 23	21 56	0 0	21 28	0 3	17 11	1 46	21 47	14 25	23 22	23 23	14 6	0 27	3 1
S 3	23 6	7 57	5 17	21 46	0 10	22 30	2 3	6 55	1 24	22 13	0 23	21 57	0 0	21 28	0 3	17 10	1 46	21 47	14 26	23 22	23 23	14 8	0 27	3 0
M 4	23 11	2 16	5 10	22 15	0n 1	22 15	2 2	7 11	1 24	22 15	0 23	21 57	0s 0	21 27	0 3	17 10	1 46	21 47	14 26	23 22	23 23	14 11	0 28	3 0
T 5	23 15	3s40	4 43	22 42	0 12	21 59	2 1	7 28	1 24	22 17	0 23	21 58	0 0	21 27	0 3	17 10	1 46	21 48	14 26	23 22	23 23	14 14	0 28	2 59
W 6	23 18	9 32	3 58	23 7	0 23	21 43	2 1	7 44	1 24	22 18	0 23	21 59	0 0	21 27	0 3	17 9	1 46	21 48	14 27	23 22	23 23	14 16	0 28	2 58
T 7	23 21	14 58	2 56	23 31	0 33	21 26	2 0	8 0	1 23	22 20	0 23	21 59	0 0	21 26	0 3	17 9	1 46	21 48	14 27	23 22	23 22	14 19	0 29	2 58
F 8	23 24	19 31	1 42	23 51	0 43	21 8	1 59	8 17	1 23	22 22	0 23	22 0	0 0	21 26	0 3	17 9	1 46	21 49	14 28	23 22	23 22	14 21	0 29	2 57
S 9	23 26	22 48	0 21	24 9	0 52	20 51	1 58	8 33	1 23	22 23	0 23	22 1	0 0	21 25	0 3	17 8	1 46	21 49	14 28	23 22	23 22	14 24	0 30	2 56
S 10	23 28	24 28	1s 1	24 25	1 1	20 32	1 56	8 49	1 22	22 25	0 23	22 1	0 1	21 25	0 3	17 8	1 46	21 50	14 28	23 22	23 22	14 26	0 31	2 56
M11	23 30	24 25	2 18	24 38	1 9	20 13	1 55	9 5	1 22	22 26	0 22	22 2	0 1	21 25	0 3	17 8	1 46	21 50	14 29	23 22	23 22	14 29	0 31	2 55
T 12	23 31	22 47	3 23	24 48	1 16	19 54	1 54	9 20	1 22	22 28	0 22	22 3	0 1	21 24	0 3	17 8	1 46	21 51	14 29	23 22	23 22	14 31	0 32	2 55
W13	23 31	19 50	4 15	24 55	1 23	19 34	1 52	9 36	1 22	22 29	0 22	22 3	0 1	21 24	0 3	17 7	1 46	21 51	14 29	23 22	23 22	14 34	0 33	2 54
T 14	23 32	15 55	4 52	24 59	1 29	19 14	1 51	9 52	1 21	22 31	0 22	22 4	0 1	21 24	0 3	17 7	1 46	21 51	14 30	23 22	23 21	14 36	0 33	2 53
F 15	23 32	11 22	5 12	25 0	1 35	18 53	1 49	10 7	1 21	22 32	0 22	22 5	0 1	21 23	0 3	17 7	1 46	21 52	14 30	23 22	23 21	14 39	0 34	2 53
S 16	23 31	6 28	5 17	24 59	1 39	18 32	1 47	10 22	1 20	22 33	0 22	22 5	0 1	21 23	0 3	17 6	1 46	21 52	14 30	23 22	23 21	14 41	0 35	2 52
S 17	23 30	1 26	5 7	24 55	1 43	18 10	1 45	10 38	1 20	22 35	0 22	22 6	0 1	21 23	0 3	17 6	1 46	21 53	14 31	23 22	23 21	14 44	0 36	2 52
M18	23 29	3n34	4 43	24 48	1 47	17 48	1 43	10 53	1 20	22 36	0 22	22 7	0 1	21 22	0 3	17 6	1 46	21 53	14 31	23 22	23 21	14 46	0 37	2 51
T 19	23 27	8 23	4 8	24 39	1 49	17 26	1 41	11 8	1 19	22 37	0 22	22 7	0 1	21 22	0 3	17 6	1 46	21 54	14 31	23 22	23 21	14 49	0 38	2 50
W20	23 24	12 52	3 22	24 27	1 51	17 3	1 38	11 23	1 19	22 39	0 22	22 8	0 1	21 21	0 3	17 6	1 45	21 54	14 32	23 22	23 20	14 51	0 39	2 50
T 21	23 22	16 53	2 28	24 13	1 52	16 40	1 36	11 37	1 19	22 40	0 22	22 9	0 2	21 21	0 3	17 5	1 45	21 55	14 32	23 22	23 20	14 54	0 40	2 49
F 22	23 19	20 14	1 27	23 57	1 52	16 16	1 33	11 52	1 18	22 41	0 22	22 10	0 2	21 21	0 3	17 5	1 45	21 55	14 32	23 22	23 20	14 56	0 41	2 49
S 23	23 15	22 46	0 22	23 39	1 52	15 52	1 31	12 6	1 18	22 42	0 21	22 10	0 2	21 20	0 3	17 5	1 45	21 56	14 33	23 22	23 20	14 59	0 42	2 48
S 24	23 11	24 16	0n45	23 20	1 51	15 28	1 28	12 21	1 17	22 43	0 21	22 11	0 2	21 20	0 3	17 5	1 45	21 56	14 33	23 22	23 20	15 1	0 43	2 47
M25	23 7	24 37	1 51	22 58	1 49	15 4	1 25	12 35	1 17	22 45	0 21	22 12	0 2	21 20	0 2	17 4	1 45	21 57	14 33	23 22	23 20	15 4	0 44	2 47
T 26	23 2	23 44	2 53	22 35	1 47	14 39	1 22	12 49	1 16	22 46	0 21	22 12	0 2	21 19	0 2	17 4	1 45	21 57	14 34	23 22	23 19	15 6	0 46	2 46
W27	22 57	21 37	3 47	22 10	1 44	14 13	1 19	13 3	1 16	22 47	0 21	22 13	0 2	21 19	0 2	17 4	1 45	21 58	14 34	23 22	23 19	15 9	0 47	2 46
T 28	22 52	18 21	4 30	21 44	1 41	13 48	1 16	13 17	1 15	22 48	0 21	22 14	0 2	21 19	0 2	17 4	1 45	21 58	14 34	23 22	23 19	15 11	0 48	2 45
F 29	22 46	14 8	5 0	21 16	1 37	13 22	1 13	13 31	1 15	22 49	0 21	22 14	0 2	21 19	0 2	17 4	1 45	21 59	14 35	23 22	23 19	15 14	0 50	2 44
S 30	22n40	9n10	5n14	20n48	1n33	12n56	1n 9	13n44	1s14	22n50	0s21	22s15	0s 2	21s18	0n 2	17s 4	1n45	21s59	14s35	23n22	23n19	15n16	0s51	2s44

Julian Day Number = 2200782.5, Delta T = 10m04s
Ecliptic obliquity = 23°31'43, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°09'52, Lahiri = 14°16'52 Julian Calendar 1 June 1313 == Greg. Calendar 9 June 1313

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ASTRODIENST EPHEMERIS for the year 1313
geocentric

JULY 1313 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	19 6 36	16♋ 8'45	2♎44	5♌48	0♍ 7	10♉50	20♊39	18°R39	5°R43	23°R38	8°R11	23°R20	22♊22	20♉29	25♍56	S 1
M 2	19 10 33	17° 6'00	16°39	7°28	1°12	11°31	20°52	18♏35	5♐42	23♏37	8♓10	23°D19	22°19	20°36	26° 1	M 2
T 3	19 14 29	18° 3'15	0♏47	9° 5	2°17	12°12	21° 5	18°30	5°40	23°36	8° 9	23♊20	22°16	20°43	26° 6	T 3
W 4	19 18 26	19° 0'31	15° 6	10°41	3°22	12°53	21°18	18°26	5°38	23°35	8° 9	23°21	22°12	20°49	26°11	W 4
T 5	19 22 23	19°57'46	29°34	12°14	4°26	13°34	21°31	18°22	5°37	23°35	8° 8	23°22	22° 9	20°56	26°17	T 5
F 6	19 26 19	20°55'03	14♐ 7	13°46	5°30	14°15	21°44	18°17	5°35	23°34	8° 7	23°23	22° 6	21° 3	26°22	F 6
S 7	19 30 16	21°52'20	28°40	15°16	6°34	14°56	21°57	18°13	5°34	23°33	8° 6	23°R23	22° 3	21° 9	26°27	S 7
S 8	19 34 12	22°49'37	13♑ 9	16°44	7°38	15°36	22°10	18° 8	5°33	23°33	8° 5	23°22	22° 0	21°16	26°33	S 8
M 9	19 38 9	23°46'55	27°26	18°10	8°41	16°17	22°22	18° 4	5°31	23°32	8° 5	23°19	21°57	21°23	26°39	M 9
T 10	19 42 5	24°44'14	11♒28	19°34	9°44	16°57	22°35	17°59	5°30	23°31	8° 4	23°16	21°53	21°29	26°44	T 10
W11	19 46 2	25°41'33	25° 9	20°56	10°47	17°37	22°48	17°55	5°29	23°31	8° 3	23°11	21°50	21°36	26°50	W11
T 12	19 49 58	26°38'54	8♓29	22°17	11°50	18°18	23° 0	17°51	5°27	23°30	8° 2	23° 6	21°47	21°43	26°56	T 12
F 13	19 53 55	27°36'15	21°26	23°35	12°53	18°58	23°13	17°46	5°26	23°30	8° 1	23° 1	21°44	21°49	27° 2	F 13
S 14	19 57 52	28°33'38	4♈ 1	24°51	13°55	19°38	23°25	17°42	5°25	23°29	8° 0	22°57	21°41	21°56	27° 8	S 14
S 15	20 1 48	29°31'01	16°19	26° 4	14°57	20°17	23°38	17°38	5°24	23°29	7°59	22°55	21°38	22° 3	27°14	S 15
M16	20 5 45	0♌28'26	28°23	27°16	15°58	20°57	23°50	17°33	5°23	23°29	7°59	22°D54	21°34	22° 9	27°20	M16
T 17	20 9 41	1°25'52	10♉17	28°25	17° 0	21°37	24° 2	17°29	5°22	23°28	7°58	22°54	21°31	22°16	27°26	T 17
W18	20 13 38	2°23'20	22° 6	29°32	18° 1	22°16	24°14	17°25	5°21	23°28	7°57	22°55	21°28	22°23	27°33	W18
T 19	20 17 34	3°20'49	3♊57	0♍36	19° 1	22°56	24°26	17°21	5°20	23°28	7°56	22°57	21°25	22°29	27°39	T 19
F 20	20 21 31	4°18'19	15°52	1°38	20° 2	23°35	24°38	17°17	5°19	23°27	7°55	22°58	21°22	22°36	27°46	F 20
S 21	20 25 27	5°15'50	27°57	2°37	21° 2	24°14	24°50	17°12	5°18	23°27	7°54	22°R58	21°18	22°43	27°52	S 21
S 22	20 29 24	6°13'23	10♋15	3°33	22° 2	24°53	25° 2	17° 8	5°17	23°27	7°53	22°57	21°15	22°49	27°59	S 22
M23	20 33 21	7°10'57	22°49	4°26	23° 1	25°32	25°14	17° 4	5°17	23°27	7°52	22°53	21°12	22°56	28° 5	M23
T 24	20 37 17	8° 8'32	5♌39	5°17	24° 0	26°10	25°26	17° 0	5°16	23°26	7°51	22°48	21° 9	23° 3	28°12	T 24
W25	20 41 14	9° 6'08	18°47	6° 3	24°59	26°49	25°38	16°56	5°15	23°26	7°50	22°41	21° 6	23° 9	28°19	W25
T 26	20 45 10	10° 3'46	2♍10	6°47	25°57	27°27	25°49	16°52	5°15	23°26	7°48	22°33	21° 3	23°16	28°26	T 26
F 27	20 49 7	11° 1'24	15°47	7°27	26°55	28° 6	26° 1	16°49	5°14	23°26	7°47	22°25	20°59	23°23	28°33	F 27
S 28	20 53 3	11°59'04	29°35	8° 3	27°52	28°44	26°12	16°45	5°13	23°D26	7°46	22°18	20°56	23°29	28°40	S 28
S 29	20 57 0	12°56'44	13♎31	8°35	28°49	29°22	26°24	16°41	5°13	23°26	7°45	22°13	20°53	23°36	28°47	S 29
M30	21 0 56	13°54'26	27°34	9° 2	29°46	29°59	26°35	16°37	5°13	23°26	7°44	22°10	20°50	23°43	28°54	M30
T 31	21 4 53	14♌52'09	11♏41	9♍26	0♎42	0♊37	26♊46	16♑34	5♐12	23♏26	7♓43	22°D 8	20♊47	23♉49	29♍ 1	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n33	3n39	5n11	20n19	1n28	12n30	1n 6	13n58	1s14	22n51	0s21	22s16	0s 2	21s18	0n 2	17s 3	1n45	22s 0	14s35	23n22	23n18	15n19	0s52	2s43
M 2	22 26	2s 7	4 49	19 48	1 22	12 3	1 2	14 11	1 13	22 52	0 21	22 17	0 2	21 18	0 2	17 3	1 45	22 0	14 36	23 22	23 18	15 21	0 54	2 43
T 3	22 18	7 53	4 10	19 17	1 17	11 36	0 58	14 24	1 13	22 53	0 21	22 17	0 3	21 17	0 2	17 3	1 45	22 1	14 36	23 22	23 18	15 24	0 55	2 42
W 4	22 11	13 19	3 15	18 45	1 10	11 9	0 54	14 37	1 12	22 54	0 21	22 18	0 3	21 17	0 2	17 3	1 45	22 1	14 36	23 22	23 18	15 26	0 57	2 42
T 5	22 2	18 4	2 7	18 12	1 4	10 42	0 50	14 50	1 12	22 55	0 21	22 19	0 3	21 17	0 2	17 3	1 45	22 2	14 36	23 22	23 18	15 29	0 59	2 41
F 6	21 54	21 44	0 51	17 39	0 56	10 15	0 46	15 2	1 11	22 56	0 21	22 19	0 3	21 17	0 2	17 3	1 45	22 3	14 37	23 22	23 18	15 31	1 0	2 41
S 7	21 45	24 0	0s29	17 6	0 49	9 47	0 42	15 15	1 11	22 57	0 20	22 20	0 3	21 16	0 2	17 3	1 45	22 3	14 37	23 22	23 17	15 34	1 2	2 40
S 8	21 35	24 38	1 46	16 32	0 41	9 19	0 38	15 27	1 10	22 57	0 20	22 21	0 3	21 16	0 2	17 2	1 45	22 4	14 37	23 22	23 17	15 36	1 4	2 39
M 9	21 26	23 37	2 56	15 58	0 33	8 51	0 33	15 40	1 9	22 58	0 20	22 21	0 3	21 16	0 2	17 2	1 45	22 4	14 38	23 22	23 17	15 39	1 5	2 39
T 10	21 15	21 8	3 53	15 23	0 24	8 23	0 28	15 52	1 9	22 59	0 20	22 22	0 3	21 16	0 2	17 2	1 44	22 5	14 38	23 21	23 17	15 41	1 7	2 38
W11	21 5	17 30	4 36	14 49	0 15	7 55	0 24	16 4	1 8	23 0	0 20	22 23	0 3	21 16	0 2	17 2	1 44	22 5	14 38	23 21	23 17	15 43	1 9	2 38
T 12	20 54	13 5	5 2	14 14	0 6	7 26	0 19	16 15	1 8	23 1	0 20	22 23	0 3	21 15	0 2	17 2	1 44	22 6	14 38	23 21	23 16	15 46	1 11	2 37
F 13	20 43	8 11	5 12	13 40	0s 3	6 58	0 14	16 27	1 7	23 1	0 20	22 24	0 3	21 15	0 2	17 2	1 44	22 6	14 39	23 21	23 16	15 48	1 13	2 37
S 14	20 32	3 4	5 6	13 5	0 13	6 29	0 9	16 39	1 6	23 2	0 20	22 25	0 4	21 15	0 2	17 2	1 44	22 7	14 39	23 20	23 16	15 51	1 15	2 36
S 15	20 20	2n 2	4 46	12 31	0 23	6 1	0 4	16 50	1 6	23 3	0 20	22 25	0 4	21 15	0 2	17 2	1 44	22 8	14 39	23 20	23 16	15 53	1 17	2 36
M16	20 7	6 59	4 14	11 57	0 33	5 32	0s 1	17 1	1 5	23 3	0 20	22 26	0 4	21 15	0 2	17 2	1 44	22 8	14 39	23 20	23 16	15 56	1 19	2 35
T 17	19 55	11 37	3 31	11 23	0 44	5 3	0 7	17 12	1 4	23 4	0 20	22 27	0 4	21 14	0 2	17 2	1 44	22 9	14 40	23 20	23 15	15 58	1 21	2 35
W18	19 42	15 47	2 40	10 50	0 54	4 34	0 12	17 23	1 4	23 4	0 20	22 27	0 4	21 14	0 2	17 2	1 44	22 9	14 40	23 20	23 15	16 1	1 23	2 34
T 19	19 29	19 21	1 42	10 17	1 5	4 5	0 18	17 34	1 3	23 5	0 20	22 28	0 4	21 14	0 2	17 2	1 44	22 10	14 40	23 20	23 15	16 3	1 25	2 34
F 20	19 15	22 8	0 39	9 45	1 16	3 36	0 23	17 44	1 2	23 6	0 20	22 29	0 4	21 14	0 2	17 2	1 44	22 11	14 40	23 20	23 15	16 5	1 27	2 33
S 21	19 1	23 58	0n27	9 14	1 27	3 7	0 29	17 54	1 1	23 6	0 19	22 29	0 4	21 14	0 2	17 2	1 44	22 11	14 41	23 20	23 15	16 8	1 29	2 33
S 22	18 47	24 40	1 32	8 43	1 38	2 38	0 35	18 5	1 1	23 7	0 19	22 30	0 4	21 14	0 2	17 2	1 44	22 12	14 41	23 20	23 14	16 10	1 31	2 32
M23	18 33	24 8	2 34	8 13	1 50	2 9	0 41	18 15	1 0	23 7	0 19	22 30	0 4	21 14	0 2	17 2	1 44	22 12	14 41	23 20	23 14	16 13	1 33	2 32
T 24	18 18	22 19	3 30	7 44	2 1	1 40	0 47	18 25	0 59	23 8	0 19	22 31	0 4	21 13	0 2	17 2	1 44	22 13	14 41	23 20	23 14	16 15	1 36	2 31
W25	18 3	19 18	4 16	7 17	2 12	1 11	0 53	18 34	0 58	23 8	0 19	22 32	0 5	21 13	0 2	17 2	1 44	22 14	14 41	23 20	23 14	16 18	1 38	2 31
T 26	17 47	15 13	4 48	6 50	2 24	0 42	0 59	18 44	0 58	23 9	0 19	22 32	0 5	21 13	0 2	17 2	1 44	22 14	14 42	23 19	23 13	16 20	1 40	2 30
F 27	17 32	10 19	5 5	6 25	2 35	0 14	1 6	18 53	0 57	23 9	0 19	22 33	0 5	21 13	0 2	17 2	1 43	22 15	14 42	23 19	23 13	16 22	1 42	2 30
S 28	17 16	4 49	5 5	6 1	2 46	0s15	1 12	19 2	0 56	23 9	0 19	22 33	0 5	21 13	0 2	17 2	1 43	22 15	14 42	23 18	23 13	16 25	1 45	2 29
S 29	16 59	0s57	4 46	5 39	2 57	0 44	1 19	19 11	0 55	23 10	0 19	22 34	0 5	21 13	0 2	17 2	1 43	22 16	14 42	23 18	23 13	16 27	1 47	2 29
M30	16 43	6 45	4 11	5 19	3 8	1 13	1 26	19 20	0 54	23 10	0 19	22 34	0 5	21 13	0 2	17 2	1 43	22 16	14 42	23 18	23 13	16 30	1 50	2 28
T 31	16n26	12s13	3n20	5n 0	3s18	1s41	1s32	19n29	0s54	23n11	0s19	22s35	0s 5	21s13	0n 2	17s 2	1n43	22s17	14s43	23n18	23n12	16n32	1s52	2s28

Julian Day Number = 2200812.5, Delta T = 10m03s
Ecliptic obliquity = 23°31'43, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°09'56, Lahiri = 14°16'56 Julian Calendar 1 July 1313 == Greg. Calendar 9 July 1313

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1313
geocentric

AUGUST 1313 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	21 8 50	15♌49'53	25♏50	9♍44	1♎38	1♊15	26♊57	16°R30	5°R12	23♏26	7°R42	22♊ 9	20♊44	23♉56	29♍ 8	W 1
T 2	21 12 46	16°47'38	10♐ 0	9°57	2°33	1°52	27° 9	16♑27	5♐12	23°26	7♓41	22°10	20°40	24° 3	29°15	T 2
F 3	21 16 43	17°45'24	24°11	10° 6	3°28	2°30	27°20	16°23	5°12	23°27	7°40	22°R10	20°37	24° 9	29°23	F 3
S 4	21 20 39	18°43'12	8♑18	10°R 8	4°22	3° 7	27°30	16°20	5°11	23°27	7°38	22° 9	20°34	24°16	29°30	S 4
S 5	21 24 36	19°41'00	22°21	10° 6	5°15	3°44	27°41	16°16	5°11	23°27	7°37	22° 6	20°31	24°23	29°37	S 5
M 6	21 28 32	20°38'50	6♒15	9°57	6° 8	4°20	27°52	16°13	5°D11	23°27	7°36	22° 0	20°28	24°29	29°45	M 6
T 7	21 32 29	21°36'42	19°58	9°43	7° 1	4°57	28° 3	16°10	5°11	23°28	7°35	21°52	20°24	24°36	29°52	T 7
W 8	21 36 25	22°34'35	3♓25	9°22	7°52	5°33	28°13	16° 7	5°11	23°28	7°34	21°42	20°21	24°43	29°59	W 8
T 9	21 40 22	23°32'29	16°35	8°56	8°43	6°10	28°23	16° 4	5°11	23°28	7°33	21°31	20°18	24°49	0♎ 8	T 9
F 10	21 44 19	24°30'25	29°26	8°24	9°34	6°46	28°34	16° 1	5°12	23°29	7°31	21°21	20°15	24°56	0°15	F 10
S 11	21 48 15	25°28'23	11♈59	7°46	10°24	7°22	28°44	15°58	5°12	23°29	7°30	21°12	20°12	25° 2	0°23	S 11
S 12	21 52 12	26°26'23	24°15	7° 3	11°13	7°58	28°54	15°55	5°12	23°30	7°29	21° 5	20° 9	25° 9	0°31	S 12
M13	21 56 8	27°24'25	6♉18	6°15	12° 1	8°33	29° 4	15°52	5°12	23°30	7°28	21° 1	20° 5	25°16	0°39	M13
T 14	22 0 5	28°22'28	18°11	5°24	12°49	9° 9	29°14	15°49	5°13	23°31	7°26	20°59	20° 2	25°22	0°46	T 14
W15	22 4 1	29°20'34	0♊ 0	4°29	13°36	9°44	29°24	15°47	5°13	23°31	7°25	20°D58	19°59	25°29	0°54	W15
T 16	22 7 58	0♍18'42	11°50	3°32	14°22	10°19	29°34	15°44	5°14	23°32	7°24	20°59	19°56	25°36	1° 2	T 16
F 17	22 11 54	1°16'51	23°47	2°34	15° 7	10°54	29°43	15°42	5°14	23°32	7°23	20°R59	19°53	25°42	1°10	F 17
S 18	22 15 51	2°15'03	5♋55	1°36	15°51	11°28	29°53	15°39	5°15	23°33	7°22	20°58	19°50	25°49	1°18	S 18
S 19	22 19 48	3°13'17	18°20	0°39	16°34	12° 3	0♋ 2	15°37	5°15	23°34	7°20	20°55	19°46	25°56	1°26	S 19
M20	22 23 44	4°11'32	1♌ 4	29♌45	17°17	12°37	0°11	15°35	5°16	23°34	7°19	20°49	19°43	26° 2	1°34	M20
T 21	22 27 41	5° 9'50	14° 9	28°56	17°58	13°11	0°21	15°33	5°17	23°35	7°18	20°41	19°40	26° 9	1°43	T 21
W22	22 31 37	6° 8'09	27°36	28°11	18°38	13°45	0°30	15°31	5°17	23°36	7°17	20°31	19°37	26°16	1°51	W22
T 23	22 35 34	7° 6'30	11♍24	27°33	19°18	14°19	0°38	15°29	5°18	23°37	7°15	20°19	19°34	26°22	1°59	T 23
F 24	22 39 30	8° 4'53	25°27	27° 2	19°56	14°52	0°47	15°27	5°19	23°38	7°14	20° 7	19°30	26°29	2° 7	F 24
S 25	22 43 27	9° 3'18	9♎41	26°39	20°33	15°25	0°56	15°25	5°20	23°38	7°13	19°57	19°27	26°36	2°16	S 25
S 26	22 47 23	10° 1'45	24° 1	26°25	21° 9	15°58	1° 4	15°24	5°21	23°39	7°12	19°48	19°24	26°42	2°24	S 26
M27	22 51 20	11° 0'13	8♏22	26°D19	21°43	16°31	1°13	15°22	5°22	23°40	7°10	19°43	19°21	26°49	2°32	M27
T 28	22 55 16	11°58'43	22°39	26°24	22°17	17° 4	1°21	15°21	5°23	23°41	7° 9	19°40	19°18	26°56	2°41	T 28
W29	22 59 13	12°57'14	6♐50	26°37	22°49	17°36	1°29	15°19	5°24	23°42	7° 8	19°39	19°15	27° 2	2°49	W29
T 30	23 3 10	13°55'48	20°54	27° 0	23°19	18° 8	1°37	15°18	5°25	23°43	7° 7	19°39	19°11	27° 9	2°57	T 30
F 31	23 7 6	14♍54'23	4♑49	27♌32	23♎48	18♊40	1♋45	15♑17	5♐27	23♏44	7♓ 5	19♊38	19♊ 8	27♉16	3♎ 6	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
W 1	16n 9	17s 4	2n17	4n44	3s29	2s10	1s39	19n38	0s53	23n11	0s19	22s35	0s 5	21s13	0n 2	17s 2	1n43	22s18	14s43	23n18	23n12	16n34	1s55	2s28	
T 2	15 52	20 58	1 5	4 29	3 39	2 38	1 46	19 46	0 52	23 11	0 19	22 36	0 5	21 13	0 2	17 2	1 43	22 18	14 43	23 18	23 12	16 37	1 57	2 27	
F 3	15 34	23 35	0s11	4 18	3 48	3 7	1 53	19 54	0 51	23 11	0 19	22 36	0 5	21 13	0 2	17 2	1 43	22 19	14 43	23 18	23 12	16 39	2 0	2 27	
S 4	15 16	24 41	1 25	4 8	3 57	3 35	2 0	20 2	0 50	23 12	0 19	22 37	0 5	21 13	0 2	17 3	1 43	22 19	14 43	23 18	23 12	16 42	2 2	2 26	
S 5	14 58	24 12	2 34	4 2	4 5	4 3	2 7	20 10	0 49	23 12	0 18	22 37	0 5	21 13	0 2	17 3	1 43	22 20	14 43	23 18	23 11	16 44	2 5	2 26	
M 6	14 40	22 13	3 33	3 59	4 12	4 30	2 15	20 18	0 48	23 12	0 18	22 38	0 6	21 13	0 2	17 3	1 43	22 21	14 43	23 17	23 11	16 46	2 7	2 25	
T 7	14 21	18 58	4 19	3 58	4 18	4 58	2 22	20 25	0 47	23 12	0 18	22 38	0 6	21 13	0 2	17 3	1 43	22 21	14 44	23 17	23 11	16 49	2 10	2 25	
W 8	14 2	14 46	4 49	4 1	4 23	5 25	2 30	20 33	0 46	23 13	0 18	22 39	0 6	21 13	0 2	17 3	1 43	22 22	14 44	23 16	23 11	16 51	2 12	2 24	
T 9	13 43	9 57	5 3	4 7	4 27	5 53	2 37	20 40	0 46	23 13	0 18	22 39	0 6	21 13	0 2	17 3	1 43	22 22	14 44	23 15	23 10	16 53	2 15	2 24	
F 10	13 24	4 49	5 1	4 17	4 30	6 20	2 45	20 47	0 45	23 13	0 18	22 40	0 6	21 13	0 2	17 3	1 43	22 23	14 44	23 15	23 10	16 56	2 18	2 24	
S 11	13 5	0n24	4 44	4 30	4 31	6 46	2 52	20 54	0 44	23 13	0 18	22 40	0 6	21 13	0 2	17 4	1 43	22 23	14 44	23 14	23 10	16 58	2 21	2 23	
S 12	12 45	5 29	4 15	4 46	4 30	7 13	3 0	21 1	0 43	23 13	0 18	22 41	0 6	21 13	0 2	17 4	1 42	22 24	14 44	23 14	23 10	17 1	2 23	2 23	
M13	12 25	10 17	3 35	5 6	4 28	7 39	3 8	21 8	0 42	23 14	0 18	22 41	0 6	21 13	0 2	17 4	1 42	22 25	14 44	23 13	23 9	17 3	2 26	2 22	
T 14	12 5	14 40	2 45	5 29	4 24	8 5	3 16	21 14	0 41	23 14	0 18	22 41	0 6	21 13	0 2	17 4	1 42	22 25	14 44	23 13	23 9	17 5	2 29	2 22	
W15	11 45	18 27	1 49	5 54	4 18	8 31	3 24	21 20	0 40	23 14	0 18	22 42	0 6	21 13	0 2	17 4	1 42	22 26	14 44	23 13	23 9	17 8	2 32	2 22	
T 16	11 24	21 29	0 49	6 22	4 9	8 56	3 32	21 27	0 39	23 14	0 18	22 42	0 6	21 13	0 2	17 5	1 42	22 26	14 44	23 13	23 9	17 10	2 34	2 21	
F 17	11 4	23 38	0n15	6 53	3 59	9 21	3 40	21 33	0 38	23 14	0 18	22 42	0 6	21 13	0 2	17 5	1 42	22 27	14 45	23 13	23 8	17 12	2 37	2 21	
S 18	10 43	24 42	1 19	7 24	3 47	9 46	3 48	21 38	0 36	23 14	0 18	22 43	0 6	21 13	0 2	17 5	1 42	22 27	14 45	23 13	23 8	17 15	2 40	2 20	
S 19	10 22	24 35	2 20	7 57	3 34	10 10	3 56	21 44	0 35	23 14	0 18	22 43	0 7	21 14	0 2	17 5	1 42	22 28	14 45	23 13	23 8	17 17	2 43	2 20	
M20	10 1	23 11	3 16	8 30	3 19	10 34	4 4	21 50	0 34	23 14	0 18	22 43	0 7	21 14	0 2	17 5	1 42	22 28	14 45	23 13	23 8	17 19	2 46	2 20	
T 21	9 39	20 31	4 3	9 3	3 2	10 58	4 13	21 55	0 33	23 14	0 17	22 44	0 7	21 14	0 2	17 6	1 42	22 29	14 45	23 12	23 7	17 22	2 49	2 19	
W22	9 18	16 41	4 38	9 35	2 44	11 21	4 21	22 0	0 32	23 14	0 17	22 44	0 7	21 14	0 2	17 6	1 42	22 29	14 45	23 11	23 7	17 24	2 52	2 19	
T 23	8 56	11 54	4 57	10 5	2 26	11 44	4 29	22 5	0 31	23 14	0 17	22 44	0 7	21 14	0 2	17 6	1 42	22 30	14 45	23 10	23 7	17 26	2 55	2 19	
F 24	8 34	6 24	5 0	10 34	2 7	12 6	4 38	22 10	0 30	23 14	0 17	22 45	0 7	21 14	0 2	17 6	1 42	22 30	14 45	23 10	23 7	17 29	2 57	2 18	
S 25	8 12	0 29	4 44	11 0	1 47	12 28	4 46	22 15	0 29	23 14	0 17	22 45	0 7	21 15	0 2	17 7	1 42	22 31	14 45	23 9	23 6	17 31	3 0	2 18	
S 26	7 50	5s29	4 10	11 23	1 28	12 49	4 54	22 20	0 28	23 14	0 17	22 45	0 7	21 15	0 2	17 7	1 42	22 31	14 45	23 8	23 6	17 33	3 3	2 17	
M27	7 28	11 12	3 20	11 43	1 9	13 10	5 3	22 24	0 26	23 14	0 17	22 46	0 7	21 15	0 2	17 7	1 42	22 32	14 45	23 8	23 6	17 36	3 6	2 17	
T 28	7 6	16 17	2 18	11 59	0 50	13 30	5 11	22 29	0 25	23 14	0 17	22 46	0 7	21 15	0 2	17 8	1 42	22 32	14 45	23 7	23 6	17 38	3 9	2 17	
W29	6 43	20 26	1 7	12 11	0 32	13 50	5 19	22 33	0 24	23 14	0 17	22 46	0 7	21 15	0 2	17 8	1 41	22 33	14 45	23 7	23 5	17 40	3 12	2 16	
T 30	6 21	23 19	0s 7	12 20	0 14	14 9	5 28	22 37	0 23	23 14	0 17	22 46	0 7	21 16	0 2	17 8	1 41	22 33	14 45	23 7	23 5	17 43	3 16	2 16	
F 31	5n58	24s46	1s19	12n24	0n 2	14s28	5s36	22n41	0s21	23n14	0s17	22s46	0s 7	21s16	0n 2	17s 8	1n41	22s34	14s45	23n 7	23n 5	17n45	3s19	2s16	

Julian Day Number = 2200843.5, Delta T = 10m03s
Ecliptic obliquity = 23°31'44, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°10'00, Lahiri = 14°17'01 Julian Calendar 1 Aug. 1313 == Greg. Calendar 9 Aug. 1313

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ASTRODIENST EPHEMERIS for the year 1313
geocentric

SEPTEMBER 1313 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	23 11 3	15♍52'59	18♉37	28♌13	24♎15	19♊12	1♋53	15°R16	5♐28	23♏45	7°R 4	19°R36	19♊ 5	27♉22	3♎14	S 1
S 2	23 14 59	16°51'37	2♒16	29° 2	24°41	19°43	2° 1	15♉15	5°29	23°47	7♓ 3	19♊32	19° 2	27°29	3°23	S 2
M 3	23 18 56	17°50'17	15°45	29°59	25° 5	20°14	2° 8	15°14	5°31	23°48	7° 2	19°24	18°59	27°36	3°31	M 3
T 4	23 22 52	18°48'59	29° 4	1♍ 4	25°28	20°45	2°15	15°13	5°32	23°49	7° 1	19°14	18°55	27°42	3°40	T 4
W 5	23 26 49	19°47'43	12♓11	2°15	25°49	21°15	2°22	15°12	5°34	23°50	6°59	19° 1	18°52	27°49	3°48	W 5
T 6	23 30 45	20°46'28	25° 4	3°32	26° 7	21°46	2°29	15°12	5°35	23°51	6°58	18°48	18°49	27°56	3°57	T 6
F 7	23 34 42	21°45'16	7♈42	4°54	26°24	22°16	2°36	15°11	5°37	23°53	6°57	18°35	18°46	28° 2	4° 5	F 7
S 8	23 38 39	22°44'06	20° 6	6°21	26°39	22°45	2°43	15°11	5°38	23°54	6°56	18°23	18°43	28° 9	4°14	S 8
S 9	23 42 35	23°42'58	2♉17	7°53	26°52	23°15	2°50	15°10	5°40	23°55	6°55	18°14	18°40	28°15	4°23	S 9
M10	23 46 32	24°41'52	14°16	9°28	27° 3	23°44	2°56	15°10	5°42	23°56	6°53	18° 7	18°36	28°22	4°31	M10
T 11	23 50 28	25°40'48	26° 8	11° 5	27°12	24°13	3° 2	15°10	5°43	23°58	6°52	18° 3	18°33	28°29	4°40	T 11
W12	23 54 25	26°39'47	7♊55	12°46	27°19	24°42	3° 9	15°D10	5°45	23°59	6°51	18° 2	18°30	28°35	4°49	W12
T 13	23 58 21	27°38'48	19°44	14°28	27°23	25°10	3°15	15°10	5°47	24° 1	6°50	18°D 1	18°27	28°42	4°57	T 13
F 14	0 2 18	28°37'51	1♋39	16°11	27°R25	25°38	3°20	15°10	5°49	24° 2	6°49	18°R 1	18°24	28°49	5° 6	F 14
S 15	0 6 14	29°36'57	13°47	17°56	27°25	26° 5	3°26	15°10	5°51	24° 4	6°48	18° 1	18°21	28°55	5°15	S 15
S 16	0 10 11	0♎36'05	26°12	19°42	27°22	26°33	3°31	15°11	5°53	24° 5	6°47	17°58	18°17	29° 2	5°23	S 16
M17	0 14 8	1°35'15	8♌59	21°28	27°18	27° 0	3°37	15°11	5°55	24° 7	6°45	17°53	18°14	29° 9	5°32	M17
T 18	0 18 4	2°34'28	22°11	23°15	27°10	27°26	3°42	15°12	5°57	24° 8	6°44	17°46	18°11	29°15	5°41	T 18
W19	0 22 1	3°33'43	5♍49	25° 1	27° 1	27°53	3°47	15°12	5°59	24°10	6°43	17°36	18° 8	29°22	5°49	W19
T 20	0 25 57	4°33'00	19°53	26°48	26°48	28°19	3°52	15°13	6° 1	24°11	6°42	17°25	18° 5	29°29	5°58	T 20
F 21	0 29 54	5°32'19	4♎17	28°35	26°34	28°44	3°56	15°14	6° 3	24°13	6°41	17°14	18° 1	29°35	6° 7	F 21
S 22	0 33 50	6°31'40	18°57	0♎21	26°17	29° 9	4° 1	15°15	6° 6	24°15	6°40	17° 3	17°58	29°42	6°16	S 22
S 23	0 37 47	7°31'03	3♏43	2° 7	25°58	29°34	4° 5	15°16	6° 8	24°16	6°39	16°55	17°55	29°49	6°24	S 23
M24	0 41 43	8°30'29	18°28	3°52	25°37	29°59	4° 9	15°17	6°10	24°18	6°38	16°50	17°52	29°55	6°33	M24
T 25	0 45 40	9°29'56	3♐ 5	5°37	25°13	0♋23	4°13	15°19	6°13	24°20	6°37	16°47	17°49	0♊ 2	6°42	T 25
W26	0 49 37	10°29'25	17°29	7°21	24°48	0°46	4°17	15°20	6°15	24°21	6°36	16°D46	17°46	0° 9	6°50	W26
T 27	0 53 33	11°28'56	1♑39	9° 5	24°20	1° 9	4°20	15°21	6°17	24°23	6°35	16°47	17°42	0°15	6°59	T 27
F 28	0 57 30	12°28'28	15°32	10°48	23°51	1°32	4°24	15°23	6°20	24°25	6°34	16°R47	17°39	0°22	7° 8	F 28
S 29	1 1 26	13°28'03	29°10	12°30	23°20	1°55	4°27	15°25	6°22	24°27	6°33	16°46	17°36	0°29	7°17	S 29
S 30	1 5 23	14♎27'39	12♒34	14♎12	22♎48	2♋16	4♋30	15♉26	6♐25	24♏28	6♓32	16♊42	17♊33	0♊35	7♎25	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	5n35	24s39	2s27	12n25	0n18	14s46	5s44	22n45	0s20	23n14	0s17	22s47	0s 8	21s16	0n 2	17s 9	1n41	22s34	14s45	23n 7	23n 5	17n47	3s22	2s15
S 2	5 12	23 3	3 25	12 21	0 32	15 3	5 52	22 49	0 19	23 14	0 17	22 47	0 8	21 16	0 2	17 9	1 41	22 35	14 45	23 7	23 4	17 50	3 25	2 15
M 3	4 49	20 9	4 11	12 13	0 45	15 19	6 0	22 52	0 18	23 14	0 17	22 47	0 8	21 17	0 2	17 9	1 41	22 35	14 45	23 6	23 4	17 52	3 28	2 15
T 4	4 26	16 14	4 42	12 2	0 57	15 35	6 8	22 56	0 16	23 14	0 17	22 47	0 8	21 17	0 2	17 10	1 41	22 35	14 45	23 5	23 4	17 54	3 31	2 14
W 5	4 3	11 36	4 58	11 46	1 8	15 50	6 16	22 59	0 15	23 14	0 17	22 47	0 8	21 17	0 2	17 10	1 41	22 36	14 45	23 4	23 4	17 56	3 34	2 14
T 6	3 40	6 32	4 58	11 27	1 18	16 4	6 24	23 3	0 14	23 14	0 16	22 47	0 8	21 17	0 2	17 11	1 41	22 36	14 45	23 3	23 3	17 59	3 37	2 14
F 7	3 17	1 16	4 44	11 5	1 26	16 17	6 31	23 6	0 12	23 14	0 16	22 48	0 8	21 18	0 2	17 11	1 41	22 37	14 45	23 2	23 3	18 1	3 40	2 13
S 8	2 54	3n56	4 16	10 39	1 33	16 30	6 39	23 9	0 11	23 14	0 16	22 48	0 8	21 18	0 2	17 11	1 41	22 37	14 44	23 1	23 3	18 3	3 43	2 13
S 9	2 30	8 55	3 37	10 11	1 39	16 41	6 46	23 12	0 10	23 14	0 16	22 48	0 8	21 18	0 2	17 12	1 41	22 37	14 44	23 0	23 3	18 6	3 47	2 13
M10	2 7	13 30	2 49	9 39	1 44	16 52	6 53	23 15	0 8	23 14	0 16	22 48	0 8	21 19	0 2	17 12	1 41	22 38	14 44	23 0	23 2	18 8	3 50	2 13
T 11	1 43	17 31	1 53	9 6	1 48	17 1	6 59	23 17	0 7	23 14	0 16	22 48	0 8	21 19	0 2	17 12	1 41	22 38	14 44	22 59	23 2	18 10	3 53	2 12
W12	1 20	20 50	0 53	8 30	1 51	17 10	7 6	23 20	0 5	23 13	0 16	22 48	0 8	21 19	0 2	17 13	1 41	22 39	14 44	22 59	23 2	18 12	3 56	2 12
T 13	0 56	23 17	0n 9	7 52	1 53	17 17	7 12	23 23	0 4	23 13	0 16	22 48	0 8	21 19	0 2	17 13	1 41	22 39	14 44	22 59	23 1	18 15	3 59	2 12
F 14	0 33	24 43	1 12	7 13	1 54	17 23	7 18	23 25	0 2	23 13	0 16	22 48	0 8	21 20	0 2	17 14	1 41	22 39	14 44	22 59	23 1	18 17	4 2	2 11
S 15	0 9	25 0	2 12	6 32	1 54	17 28	7 23	23 27	0 1	23 13	0 16	22 48	0 9	21 20	0 2	17 14	1 41	22 40	14 44	22 59	23 1	18 19	4 6	2 11
S 16	0s14	24 4	3 8	5 50	1 53	17 32	7 28	23 30	0n 1	23 13	0 16	22 48	0 9	21 21	0 2	17 14	1 40	22 40	14 44	22 59	23 1	18 21	4 9	2 11
M17	0 38	21 52	3 56	5 7	1 52	17 34	7 33	23 32	0 2	23 13	0 16	22 48	0 9	21 21	0 2	17 15	1 40	22 40	14 44	22 58	23 0	18 24	4 12	2 10
T 18	1 2	18 28	4 33	4 23	1 50	17 36	7 37	23 34	0 4	23 13	0 16	22 48	0 9	21 21	0 2	17 15	1 40	22 41	14 43	22 58	23 0	18 26	4 15	2 10
W19	1 25	13 59	4 56	3 38	1 48	17 35	7 41	23 36	0 5	23 13	0 16	22 48	0 9	21 22	0 2	17 16	1 40	22 41	14 43	22 57	23 0	18 28	4 18	2 10
T 20	1 49	8 38	5 2	2 53	1 45	17 34	7 44	23 38	0 7	23 13	0 15	22 48	0 9	21 22	0 2	17 16	1 40	22 41	14 43	22 56	23 0	18 30	4 22	2 10
F 21	2 12	2 42	4 49	2 7	1 42	17 31	7 46	23 40	0 9	23 13	0 15	22 48	0 9	21 22	0 2	17 17	1 40	22 41	14 43	22 55	22 59	18 33	4 25	2 9
S 22	2 36	3s29	4 17	1 21	1 38	17 26	7 48	23 42	0 10	23 13	0 15	22 48	0 9	21 23	0 2	17 17	1 40	22 42	14 43	22 54	22 59	18 35	4 28	2 9
S 23	3 0	9 33	3 28	0 35	1 34	17 20	7 49	23 44	0 12	23 13	0 15	22 48	0 9	21 23	0 1	17 17	1 40	22 42	14 43	22 53	22 59	18 37	4 31	2 9
M24	3 23	15 4	2 25	0s11	1 29	17 13	7 50	23 45	0 14	23 13	0 15	22 48	0 9	21 24	0 1	17 18	1 40	22 42	14 43	22 52	22 58	18 39	4 35	2 9
T 25	3 47	19 40	1 12	0 57	1 24	17 4	7 50	23 47	0 15	23 13	0 15	22 48	0 9	21 24	0 1	17 18	1 40	22 42	14 42	22 52	22 58	18 42	4 38	2 8
W26	4 10	23 0	0s 4	1 43	1 19	16 53	7 49	23 49	0 17	23 13	0 15	22 48	0 9	21 25	0 1	17 19	1 40	22 43	14 42	22 52	22 58	18 44	4 41	2 8
T 27	4 33	24 50	1 18	2 29	1 14	16 41	7 47	23 50	0 19	23 12	0 15	22 48	0 9	21 25	0 1	17 19	1 40	22 43	14 42	22 52	22 57	18 46	4 44	2 8
F 28	4 57	25 3	2 27	3 15	1 8	16 28	7 44	23 52	0 21	23 12	0 15	22 48	0 9	21 25	0 1	17 20	1 40	22 43	14 42	22 52	22 57	18 48	4 48	2 8
S 29	5 20	23 45	3 26	4 0	1 2	16 13	7 41	23 53	0 22	23 12	0 15	22 47	0 9	21 26	0 1	17 20	1 40	22 43	14 42	22 52	22 57	18 50	4 51	2 7
S 30	5s43	21s 8	4s12	4s45	0n56	15s57	7s37	23n55	0n24	23n12	0s15	22s47	0s 9	21s26	0n 1	17s21	1n40	22s44	14s42	22n52	22n57	18n53	4s54	2s 7

Julian Day Number = 2200874.5, Delta T = 10m03s
Ecliptic obliquity = 23°31'44, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°10'05, Lahiri = 14°17'05 Julian Calendar 1 Sept. 1313 == Greg. Calendar 9 Sept. 1313

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ASTRODIENST EPHEMERIS for the year 1313
geocentric

OCTOBER 1313 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	1 9 19	15♎27'16	25♒44	15♎53	22°R14	2♋38	4♋33	15♑28	6♐28	24♏30	6°R31	16°R37	17♊30	0♊42	7♎34	M 1
T 2	1 13 16	16°26'56	8♓41	17°34	21♎39	2°59	4°35	15°30	6°30	24°32	6♓30	16♊28	17°27	0°49	7°43	T 2
W 3	1 17 12	17°26'37	21°27	19°14	21° 4	3°20	4°38	15°32	6°33	24°34	6°29	16°18	17°23	0°55	7°51	W 3
T 4	1 21 9	18°26'20	4♈ 1	20°53	20°27	3°40	4°40	15°35	6°36	24°36	6°29	16° 7	17°20	1° 2	8° 0	T 4
F 5	1 25 5	19°26'06	16°24	22°32	19°51	3°59	4°42	15°37	6°38	24°38	6°28	15°56	17°17	1° 8	8° 8	F 5
S 6	1 29 2	20°25'53	28°36	24°10	19°14	4°18	4°44	15°39	6°41	24°40	6°27	15°47	17°14	1°15	8°17	S 6
S 7	1 32 59	21°25'42	10♉38	25°47	18°37	4°37	4°46	15°42	6°44	24°42	6°26	15°39	17°11	1°22	8°26	S 7
M 8	1 36 55	22°25'33	22°33	27°24	18° 1	4°55	4°47	15°44	6°47	24°44	6°25	15°34	17° 7	1°28	8°34	M 8
T 9	1 40 52	23°25'27	4♊21	29° 1	17°26	5°13	4°49	15°47	6°50	24°46	6°24	15°31	17° 4	1°35	8°43	T 9
W10	1 44 48	24°25'22	16° 7	0♏37	16°51	5°30	4°50	15°49	6°53	24°48	6°24	15°D30	17° 1	1°42	8°51	W10
T 11	1 48 45	25°25'20	27°55	2°12	16°17	5°46	4°51	15°52	6°55	24°50	6°23	15°31	16°58	1°48	9° 0	T 11
F 12	1 52 41	26°25'20	9♋49	3°47	15°45	6° 2	4°51	15°55	6°58	24°52	6°22	15°32	16°55	1°55	9° 8	F 12
S 13	1 56 38	27°25'22	21°55	5°21	15°15	6°18	4°52	15°58	7° 1	24°54	6°22	15°R33	16°52	2° 2	9°17	S 13
S 14	2 0 34	28°25'27	4♌17	6°56	14°46	6°33	4°52	16° 1	7° 5	24°56	6°21	15°33	16°48	2° 8	9°25	S 14
M15	2 4 31	29°25'33	17° 0	8°29	14°18	6°47	4°R52	16° 4	7° 8	24°58	6°20	15°32	16°45	2°15	9°34	M15
T 16	2 8 28	0♏25'42	0♍ 9	10° 2	13°53	7° 0	4°52	16° 8	7°11	25° 0	6°20	15°28	16°42	2°22	9°42	T 16
W17	2 12 24	1°25'52	13°46	11°35	13°30	7°13	4°52	16°11	7°14	25° 2	6°19	15°23	16°39	2°28	9°50	W17
T 18	2 16 21	2°26'05	27°52	13° 7	13° 9	7°26	4°51	16°14	7°17	25° 4	6°18	15°16	16°36	2°35	9°59	T 18
F 19	2 20 17	3°26'20	12♎24	14°39	12°51	7°37	4°51	16°18	7°20	25° 6	6°18	15° 9	16°32	2°42	10° 7	F 19
S 20	2 24 14	4°26'36	27°16	16°11	12°35	7°48	4°50	16°21	7°23	25° 8	6°17	15° 3	16°29	2°48	10°15	S 20
S 21	2 28 10	5°26'55	12♏20	17°42	12°21	7°59	4°49	16°25	7°27	25°11	6°17	14°58	16°26	2°55	10°24	S 21
M22	2 32 7	6°27'15	27°27	19°13	12°10	8° 8	4°47	16°29	7°30	25°13	6°16	14°55	16°23	3° 1	10°32	M22
T 23	2 36 3	7°27'37	12♐27	20°43	12° 1	8°17	4°46	16°33	7°33	25°15	6°16	14°D54	16°20	3° 8	10°40	T 23
W24	2 40 0	8°28'01	27°12	22°13	11°55	8°26	4°44	16°37	7°36	25°17	6°15	14°54	16°17	3°15	10°48	W24
T 25	2 43 57	9°28'26	11♑38	23°43	11°51	8°33	4°42	16°41	7°40	25°19	6°15	14°55	16°13	3°21	10°56	T 25
F 26	2 47 53	10°28'52	25°42	25°12	11°D49	8°40	4°40	16°45	7°43	25°21	6°14	14°57	16°10	3°28	11° 4	F 26
S 27	2 51 50	11°29'20	9♒23	26°41	11°50	8°46	4°38	16°49	7°46	25°24	6°14	14°R58	16° 7	3°35	11°12	S 27
S 28	2 55 46	12°29'49	22°43	28° 9	11°53	8°51	4°35	16°53	7°50	25°26	6°13	14°57	16° 4	3°41	11°20	S 28
M29	2 59 43	13°30'19	5♓44	29°37	11°59	8°56	4°32	16°58	7°53	25°28	6°13	14°55	16° 1	3°48	11°28	M29
T 30	3 3 39	14°30'51	18°28	1♐ 4	12° 7	9° 0	4°30	17° 2	7°57	25°30	6°13	14°52	15°58	3°55	11°36	T 30
W31	3 7 36	15♏31'24	0♈58	2♐31	12♎17	9♋ 3	4♋26	17♑ 7	8♐ 0	25♏33	6♓12	14♊47	15♊54	4♊ 1	11♎44	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	6s 6	17s27	4s45	5s30	0n50	15s39	7s31	23n56	0n26	23n12	0s15	22s47	0s10	21s27	0n 1	17s21	1n40	22s44	14s41	22n51	22n56	18n55	4s57	2s 7
T 2	6 29	13 0	5 2	6 15	0 44	15 20	7 25	23 58	0 28	23 12	0 15	22 47	0 10	21 27	0 1	17 22	1 40	22 44	14 41	22 50	22 56	18 57	5 0	2 7
W 3	6 52	8 2	5 3	6 59	0 37	15 0	7 18	23 59	0 30	23 12	0 15	22 47	0 10	21 28	0 1	17 22	1 40	22 44	14 41	22 49	22 56	18 59	5 4	2 6
T 4	7 15	2 50	4 50	7 42	0 31	14 39	7 11	24 0	0 32	23 12	0 14	22 47	0 10	21 28	0 1	17 23	1 40	22 44	14 41	22 48	22 55	19 1	5 7	2 6
F 5	7 38	2n25	4 23	8 25	0 24	14 17	7 2	24 2	0 34	23 12	0 14	22 46	0 10	21 29	0 1	17 23	1 40	22 44	14 41	22 47	22 55	19 4	5 10	2 6
S 6	8 1	7 31	3 44	9 8	0 18	13 54	6 52	24 3	0 36	23 12	0 14	22 46	0 10	21 29	0 1	17 24	1 40	22 44	14 40	22 46	22 55	19 6	5 13	2 6
S 7	8 23	12 17	2 56	9 50	0 11	13 31	6 42	24 5	0 38	23 12	0 14	22 46	0 10	21 30	0 1	17 24	1 40	22 45	14 40	22 45	22 55	19 8	5 16	2 5
M 8	8 46	16 32	2 0	10 31	0 4	13 7	6 31	24 6	0 40	23 12	0 14	22 46	0 10	21 30	0 1	17 25	1 40	22 45	14 40	22 45	22 54	19 10	5 20	2 5
T 9	9 8	20 7	1 0	11 12	0s 3	12 42	6 20	24 7	0 42	23 12	0 14	22 46	0 10	21 31	0 1	17 25	1 40	22 45	14 40	22 44	22 54	19 12	5 23	2 5
W10	9 30	22 52	0n 3	11 52	0 9	12 17	6 7	24 9	0 44	23 12	0 14	22 45	0 10	21 31	0 1	17 26	1 40	22 45	14 39	22 44	22 54	19 15	5 26	2 5
T 11	9 52	24 37	1 7	12 32	0 16	11 53	5 55	24 10	0 46	23 13	0 14	22 45	0 10	21 32	0 1	17 26	1 40	22 45	14 39	22 44	22 53	19 17	5 29	2 5
F 12	10 14	25 17	2 8	13 11	0 23	11 28	5 41	24 11	0 48	23 13	0 14	22 45	0 10	21 32	0 1	17 27	1 39	22 45	14 39	22 44	22 53	19 19	5 32	2 4
S 13	10 36	24 46	3 4	13 49	0 29	11 3	5 28	24 13	0 50	23 13	0 14	22 44	0 10	21 33	0 1	17 27	1 39	22 45	14 39	22 45	22 53	19 21	5 36	2 4
S 14	10 57	23 2	3 53	14 27	0 36	10 39	5 14	24 14	0 52	23 13	0 14	22 44	0 10	21 33	0 1	17 28	1 39	22 45	14 38	22 45	22 52	19 23	5 39	2 4
M15	11 19	20 7	4 32	15 3	0 43	10 15	4 59	24 16	0 55	23 13	0 14	22 44	0 10	21 34	0 1	17 28	1 39	22 45	14 38	22 44	22 52	19 25	5 42	2 4
T 16	11 40	16 7	4 59	15 39	0 49	9 52	4 44	24 17	0 57	23 13	0 13	22 43	0 11	21 34	0 1	17 29	1 39	22 45	14 38	22 44	22 52	19 28	5 45	2 4
W17	12 1	11 9	5 9	16 15	0 55	9 29	4 30	24 19	0 59	23 13	0 13	22 43	0 11	21 35	0 1	17 29	1 39	22 45	14 38	22 43	22 51	19 30	5 48	2 3
T 18	12 22	5 28	5 2	16 49	1 2	9 7	4 15	24 21	1 2	23 13	0 13	22 43	0 11	21 35	0 1	17 30	1 39	22 45	14 37	22 43	22 51	19 32	5 51	2 3
F 19	12 42	0s41	4 36	17 23	1 8	8 46	4 0	24 22	1 4	23 13	0 13	22 42	0 11	21 36	0 1	17 30	1 39	22 45	14 37	22 42	22 51	19 34	5 54	2 3
S 20	13 3	6 58	3 50	17 55	1 14	8 26	3 45	24 24	1 6	23 13	0 13	22 42	0 11	21 36	0 1	17 31	1 39	22 45	14 37	22 41	22 50	19 36	5 57	2 3
S 21	13 23	12 56	2 48	18 27	1 20	8 7	3 30	24 26	1 9	23 14	0 13	22 42	0 11	21 37	0 1	17 31	1 39	22 45	14 37	22 41	22 50	19 38	6 1	2 3
M22	13 43	18 9	1 34	18 58	1 26	7 48	3 15	24 28	1 11	23 14	0 13	22 41	0 11	21 37	0 1	17 32	1 39	22 45	14 36	22 40	22 50	19 40	6 4	2 2
T 23	14 3	22 9	0 13	19 28	1 32	7 31	3 0	24 30	1 14	23 14	0 13	22 41	0 11	21 38	0 1	17 33	1 39	22 45	14 36	22 40	22 49	19 42	6 7	2 2
W24	14 23	24 37	1s 7	19 57	1 37	7 15	2 45	24 31	1 16	23 14	0 13	22 40	0 11	21 38	0 1	17 33	1 39	22 45	14 36	22 40	22 49	19 45	6 10	2 2
T 25	14 42	25 21	2 21	20 25	1 42	7 1	2 31	24 33	1 19	23 14	0 13	22 40	0 11	21 39	0 1	17 34	1 39	22 45	14 36	22 40	22 49	19 47	6 13	2 2
F 26	15 1	24 26	3 25	20 52	1 48	6 47	2 16	24 36	1 21	23 14	0 12	22 40	0 11	21 40	0 1	17 34	1 39	22 45	14 35	22 41	22 48	19 49	6 16	2 2
S 27	15 20	22 4	4 15	21 19	1 52	6 34	2 2	24 38	1 24	23 14	0 12	22 39	0 11	21 40	0 1	17 35	1 39	22 44	14 35	22 41	22 48	19 51	6 19	2 2
S 28	15 39	18 33	4 50	21 44	1 57	6 23	1 49	24 40	1 26	23 15	0 12	22 39	0 11	21 41	0 1	17 35	1 39	22 44	14 35	22 41	22 48	19 53	6 22	2 1
M29	15 57	14 14	5 9	22 7	2 2	6 13	1 35	24 42	1 29	23 15	0 12	22 38	0 11	21 41	0 1	17 36	1 39	22 44	14 34	22 40	22 47	19 55	6 25	2 1
T 30	16 15	9 22	5 12	22 30	2 6	6 4	1 22	24 45	1 32	23 15	0 12	22 38	0 11	21 42	0 1	17 36	1 39	22 44	14 34	22 40	22 47	19 57	6 28	2 1
W31	16s33	4s13	5s 1	22s52	2s10	5s56	1s 9	24n47	1n34	23n15	0s12	22s37	0s11	21s42	0n 1	17s37	1n39	22s44	14s34	22n39	22n47	19n59	6s31	2s 1

Julian Day Number = 2200904.5, Delta T = 10m03s
Ecliptic obliquity = 23°31'45, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°10'09, Lahiri = 14°17'09 Julian Calendar 1 Oct. 1313 == Greg. Calendar 9 Oct. 1313

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ASTRODIENST EPHEMERIS for the year 1313
geocentric

NOVEMBER 1313 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	3 11 32	16♏31'58	13♈16	3♐57	12♎30	9♋ 5	4°R23	17♑11	8♐ 3	25♏35	6°R12	14°R42	15♊51	4♊ 8	11♎52	T 1
F 2	3 15 29	17°32'34	25°24	5°23	12°44	9° 6	4♋20	17°16	8° 7	25°37	6♓12	14♊37	15°48	4°15	11°59	F 2
S 3	3 19 26	18°33'11	7♉25	6°48	13° 1	9°R 7	4°16	17°20	8°10	25°39	6°12	14°33	15°45	4°21	12° 7	S 3
S 4	3 23 22	19°33'49	19°19	8°12	13°19	9° 7	4°12	17°25	8°14	25°42	6°11	14°29	15°42	4°28	12°15	S 4
M 5	3 27 19	20°34'29	1♊ 9	9°35	13°40	9° 6	4° 8	17°30	8°17	25°44	6°11	14°27	15°38	4°35	12°22	M 5
T 6	3 31 15	21°35'11	12°56	10°57	14° 3	9° 4	4° 4	17°35	8°21	25°46	6°11	14°D27	15°35	4°41	12°30	T 6
W 7	3 35 12	22°35'54	24°44	12°17	14°27	9° 1	4° 0	17°40	8°25	25°48	6°11	14°27	15°32	4°48	12°37	W 7
T 8	3 39 8	23°36'38	6♋34	13°37	14°53	8°57	3°55	17°45	8°28	25°51	6°11	14°28	15°29	4°55	12°45	T 8
F 9	3 43 5	24°37'24	18°30	14°55	15°21	8°53	3°50	17°50	8°32	25°53	6°11	14°30	15°26	5° 1	12°52	F 9
S 10	3 47 1	25°38'12	0♌37	16°11	15°51	8°48	3°45	17°55	8°35	25°55	6°11	14°31	15°23	5° 8	12°59	S 10
S 11	3 50 58	26°39'00	12°58	17°25	16°22	8°42	3°40	18° 1	8°39	25°57	6°11	14°33	15°19	5°14	13° 7	S 11
M12	3 54 55	27°39'51	25°37	18°37	16°55	8°35	3°35	18° 6	8°42	26° 0	6°D11	14°R33	15°16	5°21	13°14	M12
T 13	3 58 51	28°40'43	8♍39	19°46	17°29	8°27	3°30	18°11	8°46	26° 2	6°11	14°33	15°13	5°28	13°21	T 13
W14	4 2 48	29°41'36	22° 7	20°52	18° 4	8°18	3°24	18°17	8°50	26° 4	6°11	14°32	15°10	5°34	13°28	W14
T 15	4 6 44	0♐42'31	6♎ 3	21°55	18°41	8° 8	3°18	18°22	8°53	26° 6	6°11	14°31	15° 7	5°41	13°35	T 15
F 16	4 10 41	1°43'27	20°26	22°53	19°20	7°58	3°13	18°28	8°57	26° 9	6°11	14°29	15° 4	5°48	13°42	F 16
S 17	4 14 37	2°44'24	5♏12	23°47	19°59	7°47	3° 7	18°34	9° 1	26°11	6°11	14°27	15° 0	5°54	13°49	S 17
S 18	4 18 34	3°45'23	20°17	24°36	20°40	7°34	3° 0	18°39	9° 4	26°13	6°11	14°26	14°57	6° 1	13°56	S 18
M19	4 22 30	4°46'23	5♐30	25°19	21°22	7°21	2°54	18°45	9° 8	26°15	6°11	14°25	14°54	6° 8	14° 3	M19
T 20	4 26 27	5°47'23	20°43	25°55	22° 5	7° 8	2°48	18°51	9°12	26°18	6°11	14°D25	14°51	6°14	14° 9	T 20
W21	4 30 24	6°48'25	5♑46	26°23	22°49	6°53	2°41	18°57	9°15	26°20	6°12	14°26	14°48	6°21	14°16	W21
T 22	4 34 20	7°49'28	20°30	26°43	23°34	6°38	2°34	19° 3	9°19	26°22	6°12	14°26	14°44	6°28	14°22	T 22
F 23	4 38 17	8°50'31	4♒50	26°54	24°20	6°22	2°28	19° 9	9°23	26°24	6°12	14°27	14°41	6°34	14°29	F 23
S 24	4 42 13	9°51'34	18°44	26°R54	25° 7	6° 5	2°21	19°15	9°26	26°27	6°12	14°27	14°38	6°41	14°35	S 24
S 25	4 46 10	10°52'38	2♓11	26°44	25°55	5°47	2°14	19°21	9°30	26°29	6°13	14°28	14°35	6°48	14°41	S 25
M26	4 50 6	11°53'42	15°13	26°22	26°44	5°29	2° 6	19°27	9°34	26°31	6°13	14°R28	14°32	6°54	14°48	M26
T 27	4 54 3	12°54'47	27°54	25°49	27°34	5°10	1°59	19°33	9°37	26°33	6°13	14°28	14°29	7° 1	14°54	T 27
W28	4 58 0	13°55'53	10♈17	25° 4	28°25	4°51	1°52	19°39	9°41	26°35	6°14	14°D28	14°25	7° 7	15° 0	W28
T 29	5 1 56	14°56'58	22°26	24° 9	29°16	4°31	1°44	19°46	9°44	26°37	6°14	14°28	14°22	7°14	15° 6	T 29
F 30	5 5 53	15♐58'04	4♉25	23♐ 3	0♏ 8	4♋10	1♋37	19♑52	9♐48	26♏40	6♓15	14♊28	14♊19	7♊21	15♎12	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	16s51	1n 2	4s35	23s12	2s13	5s49	0s57	24n50	1n37	23n15	0s12	22s37	0s11	21s43	0n 1	17s37	1n39	22s44	14s33	22n39	22n46	20n 1	6s34	2s 1
F 2	17 8	6 10	3 58	23 31	2 17	5 44	0 44	24 52	1 40	23 16	0 12	22 36	0 12	21 44	0 1	17 38	1 39	22 44	14 33	22 38	22 46	20 3	6 36	2 1
S 3	17 25	11 3	3 10	23 49	2 20	5 39	0 33	24 55	1 42	23 16	0 12	22 35	0 12	21 44	0 1	17 39	1 39	22 43	14 33	22 38	22 46	20 6	6 39	2 1
S 4	17 41	15 28	2 14	24 6	2 22	5 36	0 21	24 58	1 45	23 16	0 12	22 35	0 12	21 45	0 1	17 39	1 39	22 43	14 33	22 37	22 45	20 8	6 42	2 0
M 5	17 58	19 17	1 13	24 21	2 25	5 34	0 10	25 1	1 48	23 16	0 11	22 34	0 12	21 45	0 1	17 40	1 39	22 43	14 32	22 37	22 45	20 10	6 45	2 0
T 6	18 14	22 18	0 8	24 35	2 26	5 33	0n 1	25 4	1 51	23 17	0 11	22 34	0 12	21 46	0 1	17 40	1 39	22 43	14 32	22 37	22 45	20 12	6 48	2 0
W 7	18 29	24 22	0n57	24 47	2 28	5 32	0 12	25 7	1 54	23 17	0 11	22 33	0 12	21 46	0 1	17 41	1 39	22 43	14 32	22 37	22 44	20 14	6 51	2 0
T 8	18 45	25 21	1 59	24 58	2 28	5 33	0 22	25 10	1 56	23 17	0 11	22 33	0 12	21 47	0 1	17 41	1 39	22 42	14 31	22 37	22 44	20 16	6 53	2 0
F 9	19 0	25 10	2 57	25 8	2 29	5 35	0 32	25 13	1 59	23 17	0 11	22 32	0 12	21 47	0 1	17 42	1 39	22 42	14 31	22 37	22 44	20 18	6 56	2 0
S 10	19 14	23 49	3 49	25 16	2 28	5 38	0 41	25 16	2 2	23 18	0 11	22 31	0 12	21 48	0 1	17 42	1 39	22 42	14 31	22 38	22 43	20 20	6 59	2 0
S 11	19 29	21 18	4 30	25 23	2 27	5 41	0 50	25 19	2 5	23 18	0 11	22 31	0 12	21 49	0 1	17 43	1 39	22 42	14 30	22 38	22 43	20 22	7 2	1 59
M12	19 43	17 44	5 0	25 27	2 26	5 46	0 59	25 23	2 8	23 18	0 11	22 30	0 12	21 49	0 1	17 43	1 39	22 41	14 30	22 38	22 43	20 24	7 4	1 59
T 13	19 56	13 13	5 15	25 31	2 23	5 51	1 7	25 26	2 11	23 18	0 11	22 29	0 12	21 50	0 1	17 44	1 39	22 41	14 30	22 38	22 42	20 26	7 7	1 59
W14	20 10	7 57	5 14	25 33	2 20	5 57	1 16	25 30	2 14	23 19	0 10	22 29	0 12	21 50	0 1	17 44	1 39	22 41	14 29	22 38	22 42	20 28	7 10	1 59
T 15	20 23	2 6	4 55	25 33	2 16	6 4	1 23	25 33	2 17	23 19	0 10	22 28	0 12	21 51	0 1	17 45	1 39	22 40	14 29	22 38	22 42	20 30	7 12	1 59
F 16	20 35	4s 3	4 17	25 31	2 11	6 11	1 31	25 37	2 20	23 19	0 10	22 27	0 12	21 51	0 1	17 45	1 39	22 40	14 29	22 37	22 41	20 32	7 15	1 59
S 17	20 47	10 9	3 21	25 28	2 5	6 20	1 38	25 40	2 22	23 19	0 10	22 27	0 12	21 52	0 1	17 46	1 39	22 40	14 29	22 37	22 41	20 34	7 17	1 59
S 18	20 59	15 48	2 10	25 23	1 58	6 29	1 45	25 44	2 25	23 20	0 10	22 26	0 13	21 53	0 1	17 46	1 39	22 39	14 28	22 37	22 41	20 36	7 20	1 59
M19	21 10	20 30	0 49	25 16	1 50	6 38	1 52	25 47	2 28	23 20	0 10	22 25	0 13	21 53	0 1	17 47	1 39	22 39	14 28	22 37	22 40	20 38	7 23	1 58
T 20	21 21	23 47	0s35	25 8	1 40	6 49	1 58	25 51	2 31	23 20	0 10	22 24	0 13	21 54	0 1	17 48	1 39	22 39	14 28	22 37	22 40	20 40	7 25	1 58
W21	21 32	25 20	1 56	24 58	1 30	6 59	2 4	25 55	2 34	23 21	0 10	22 24	0 13	21 54	0 1	17 48	1 39	22 38	14 27	22 37	22 39	20 42	7 28	1 58
T 22	21 42	25 3	3 7	24 47	1 18	7 11	2 10	25 58	2 37	23 21	0 9	22 23	0 13	21 55	0 1	17 49	1 39	22 38	14 27	22 37	22 39	20 44	7 30	1 58
F 23	21 51	23 6	4 5	24 34	1 4	7 23	2 15	26 2	2 40	23 21	0 9	22 22	0 13	21 55	0 1	17 49	1 39	22 37	14 27	22 37	22 39	20 46	7 32	1 58
S 24	22 1	19 48	4 47	24 19	0 49	7 35	2 20	26 5	2 42	23 21	0 9	22 21	0 13	21 56	0 1	17 50	1 39	22 37	14 26	22 37	22 38	20 48	7 35	1 58
S 25	22 10	15 34	5 11	24 2	0 33	7 48	2 25	26 9	2 45	23 22	0 9	22 20	0 13	21 57	0 1	17 50	1 39	22 37	14 26	22 37	22 38	20 50	7 37	1 58
M26	22 18	10 44	5 18	23 44	0 15	8 1	2 30	26 12	2 48	23 22	0 9	22 20	0 13	21 57	0 1	17 51	1 39	22 36	14 26	22 37	22 38	20 52	7 39	1 58
T 27	22 26	5 34	5 9	23 25	0n 3	8 15	2 34	26 16	2 50	23 22	0 9	22 19	0 13	21 58	0 1	17 51	1 39	22 36	14 25	22 37	22 37	20 54	7 42	1 58
W28	22 33	0 18	4 46	23 4	0 23	8 29	2 39	26 19	2 53	23 22	0 9	22 18	0 13	21 58	0 1	17 52	1 39	22 35	14 25	22 37	22 37	20 56	7 44	1 57
T 29	22 41	4n53	4 11	22 41	0 43	8 43	2 42	26 23	2 56	23 23	0 8	22 17	0 13	21 59	0 1	17 52	1 39	22 35	14 25	22 37	22 37	20 58	7 46	1 57
F 30	22s47	9n49	3s25	22s18	1n 3	8s58	2n46	26n26	2n58	23n23	0s 8	22s16	0s13	21s59	0n 1	17s53	1n39	22s35	14s24	22n37	22n36	21n 0	7s48	1s57

Julian Day Number = 2200935.5, Delta T = 10m03s
Ecliptic obliquity = 23°31'45, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°10'13, Lahiri = 14°17'13 Julian Calendar 1 Nov. 1313 == Greg. Calendar 9 Nov. 1313

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ASTRODIENST EPHEMERIS for the year 1313
geocentric

DECEMBER 1313 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	5 9 49	16♐59'11	16♉17	21°R50	1♏ 1	3°R49	1°R29	19♑58	9♐52	26♏42	6♓15	14♊28	14♊16	7♊27	15♎17	S 1
S 2	5 13 46	18° 0'18	28° 6	20♐31	1°54	3♋27	1♋21	20° 5	9°55	26°44	6°16	14°28	14°13	7°34	15°23	S 2
M 3	5 17 42	19° 1'25	9♊53	19° 9	2°49	3° 5	1°14	20°11	9°59	26°46	6°16	14°R28	14°10	7°41	15°29	M 3
T 4	5 21 39	20° 2'33	21°42	17°46	3°43	2°43	1° 6	20°17	10° 3	26°48	6°17	14°28	14° 6	7°47	15°34	T 4
W 5	5 25 35	21° 3'41	3♋34	16°26	4°39	2°20	0°58	20°24	10° 6	26°50	6°17	14°28	14° 3	7°54	15°40	W 5
T 6	5 29 32	22° 4'50	15°32	15°11	5°35	1°57	0°50	20°31	10°10	26°52	6°18	14°27	14° 0	8° 1	15°45	T 6
F 7	5 33 29	23° 5'59	27°37	14° 3	6°32	1°34	0°42	20°37	10°13	26°54	6°18	14°26	13°57	8° 7	15°51	F 7
S 8	5 37 25	24° 7'08	9♌52	13° 3	7°29	1°10	0°34	20°44	10°17	26°57	6°19	14°25	13°54	8°14	15°56	S 8
S 9	5 41 22	25° 8'19	22°20	12°13	8°27	0°46	0°26	20°50	10°21	26°59	6°20	14°23	13°50	8°21	16° 1	S 9
M10	5 45 18	26° 9'29	5♍ 2	11°34	9°25	0°23	0°18	20°57	10°24	27° 1	6°20	14°22	13°47	8°27	16° 6	M10
T 11	5 49 15	27°10'40	18° 2	11° 5	10°24	29♊59	0°10	21° 4	10°28	27° 3	6°21	14°21	13°44	8°34	16°11	T 11
W12	5 53 11	28°11'51	1♎22	10°46	11°23	29°35	0° 2	21°11	10°31	27° 5	6°22	14°D21	13°41	8°41	16°16	W12
T 13	5 57 8	29°13'03	15° 5	10°D38	12°23	29°11	29♊54	21°17	10°35	27° 7	6°22	14°22	13°38	8°47	16°20	T 13
F 14	6 1 4	0♑14'15	29°11	10°39	13°23	28°47	29°45	21°24	10°38	27° 9	6°23	14°23	13°35	8°54	16°25	F 14
S 15	6 5 1	1°15'27	13♏39	10°49	14°24	28°23	29°37	21°31	10°42	27°11	6°24	14°24	13°31	9° 0	16°29	S 15
S 16	6 8 58	2°16'40	28°26	11° 7	15°25	28° 0	29°29	21°38	10°45	27°13	6°25	14°25	13°28	9° 7	16°34	S 16
M17	6 12 54	3°17'53	13♐27	11°33	16°27	27°36	29°21	21°45	10°49	27°15	6°26	14°R26	13°25	9°14	16°38	M17
T 18	6 16 51	4°19'06	28°34	12° 5	17°28	27°13	29°13	21°52	10°52	27°16	6°26	14°25	13°22	9°20	16°42	T 18
W19	6 20 47	5°20'19	13♑38	12°43	18°31	26°51	29° 5	21°59	10°56	27°18	6°27	14°24	13°19	9°27	16°47	W19
T 20	6 24 44	6°21'32	28°29	13°26	19°33	26°28	28°57	22° 6	10°59	27°20	6°28	14°21	13°16	9°34	16°51	T 20
F 21	6 28 40	7°22'44	13♒ 0	14°14	20°36	26° 6	28°49	22°13	11° 2	27°22	6°29	14°18	13°12	9°40	16°54	F 21
S 22	6 32 37	8°23'56	27° 6	15° 6	21°39	25°45	28°41	22°20	11° 6	27°24	6°30	14°14	13° 9	9°47	16°58	S 22
S 23	6 36 34	9°25'08	10♓43	16° 3	22°43	25°24	28°33	22°27	11° 9	27°26	6°31	14°11	13° 6	9°54	17° 2	S 23
M24	6 40 30	10°26'18	23°54	17° 2	23°47	25° 3	28°25	22°34	11°12	27°27	6°32	14° 9	13° 3	10° 0	17° 6	M24
T 25	6 44 27	11°27'29	6♈39	18° 5	24°51	24°43	28°18	22°41	11°16	27°29	6°33	14°D 7	13° 0	10° 7	17° 9	T 25
W26	6 48 23	12°28'38	19° 3	19°10	25°56	24°24	28°10	22°48	11°19	27°31	6°34	14° 8	12°56	10°14	17°12	W26
T 27	6 52 20	13°29'47	1♉10	20°18	27° 0	24° 5	28° 2	22°55	11°22	27°33	6°35	14° 9	12°53	10°20	17°16	T 27
F 28	6 56 16	14°30'55	13° 5	21°28	28° 5	23°47	27°55	23° 2	11°26	27°34	6°36	14°11	12°50	10°27	17°19	F 28
S 29	7 0 13	15°32'02	24°54	22°40	29°11	23°30	27°47	23° 9	11°29	27°36	6°37	14°12	12°47	10°33	17°22	S 29
S 30	7 4 9	16°33'09	6♊40	23°54	0♐16	23°13	27°40	23°16	11°32	27°38	6°38	14°14	12°44	10°40	17°25	S 30
M31	7 8 6	17♑34'15	18♊28	25♐ 9	1♐22	22♊57	27♊33	23♑23	11♐35	27♏39	6♓39	14°R14	12♊41	10♊47	17♎28	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22s53	14n22	2s31	21s54	1n23	9s13	2n50	26n29	3n 1	23n23	0s 8	22s15	0s13	22s 0	0n 1	17s53	1n39	22s34	14s24	22n37	22n36	21n 2	7s51	1s57
S 2	22 59	18 21	1 30	21 30	1 42	9 29	2 53	26 32	3 3	23 23	0 8	22 15	0 13	22 0	0 1	17 54	1 39	22 34	14 24	22 37	22 35	21 4	7 53	1 57
M 3	23 4	21 36	0 25	21 6	2 0	9 44	2 56	26 35	3 5	23 23	0 8	22 14	0 13	22 1	0 1	17 54	1 39	22 33	14 24	22 37	22 35	21 6	7 55	1 57
T 4	23 9	23 56	0n40	20 43	2 16	10 0	2 59	26 38	3 8	23 24	0 8	22 13	0 13	22 2	0 1	17 54	1 39	22 33	14 23	22 37	22 35	21 8	7 57	1 57
W 5	23 14	25 13	1 44	20 21	2 30	10 16	3 1	26 40	3 10	23 24	0 8	22 12	0 14	22 2	0 1	17 55	1 39	22 32	14 23	22 37	22 34	21 10	7 59	1 57
T 6	23 17	25 20	2 44	20 1	2 42	10 33	3 3	26 43	3 12	23 24	0 8	22 11	0 14	22 3	0 1	17 55	1 39	22 32	14 23	22 37	22 34	21 12	8 1	1 57
F 7	23 21	24 16	3 37	19 44	2 51	10 49	3 6	26 45	3 14	23 24	0 7	22 10	0 14	22 3	0 1	17 56	1 39	22 31	14 22	22 37	22 34	21 14	8 3	1 57
S 8	23 24	22 2	4 22	19 30	2 58	11 6	3 8	26 47	3 16	23 24	0 7	22 9	0 14	22 4	0 1	17 56	1 39	22 31	14 22	22 37	22 33	21 16	8 5	1 56
S 9	23 26	18 45	4 54	19 19	3 3	11 23	3 9	26 49	3 18	23 25	0 7	22 8	0 14	22 4	0 1	17 57	1 39	22 30	14 22	22 37	22 33	21 17	8 7	1 56
M10	23 28	14 33	5 13	19 12	3 5	11 40	3 11	26 51	3 19	23 25	0 7	22 7	0 14	22 5	0 1	17 57	1 39	22 30	14 21	22 37	22 32	21 19	8 9	1 56
T 11	23 30	9 36	5 16	19 7	3 6	11 57	3 12	26 53	3 21	23 25	0 7	22 6	0 14	22 5	0 1	17 58	1 39	22 29	14 21	22 36	22 32	21 21	8 10	1 56
W12	23 31	4 5	5 3	19 6	3 5	12 14	3 13	26 55	3 23	23 25	0 7	22 5	0 14	22 6	0 1	17 58	1 39	22 29	14 21	22 36	22 32	21 23	8 12	1 56
T 13	23 32	1s46	4 33	19 8	3 2	12 32	3 14	26 56	3 24	23 25	0 7	22 4	0 14	22 6	0 1	17 58	1 39	22 28	14 21	22 37	22 31	21 25	8 14	1 56
F 14	23 32	7 43	3 45	19 12	2 58	12 49	3 15	26 57	3 26	23 25	0 6	22 3	0 14	22 7	0 1	17 59	1 39	22 27	14 20	22 37	22 31	21 27	8 16	1 56
S 15	23 31	13 25	2 42	19 18	2 53	13 6	3 16	26 58	3 27	23 25	0 6	22 2	0 14	22 7	0 1	17 59	1 39	22 27	14 20	22 37	22 31	21 29	8 17	1 56
S 16	23 31	18 28	1 27	19 27	2 47	13 23	3 16	26 59	3 28	23 26	0 6	22 1	0 14	22 8	0 1	18 0	1 39	22 26	14 20	22 37	22 30	21 31	8 19	1 56
M17	23 29	22 25	0 5	19 37	2 40	13 41	3 17	27 0	3 29	23 26	0 6	22 0	0 14	22 8	0 1	18 0	1 39	22 26	14 19	22 37	22 30	21 33	8 20	1 56
T 18	23 27	24 49	1s17	19 48	2 33	13 58	3 17	27 0	3 31	23 26	0 6	21 59	0 14	22 9	0 1	18 1	1 39	22 25	14 19	22 37	22 29	21 35	8 22	1 56
W19	23 25	25 23	2 34	20 1	2 25	14 15	3 17	27 1	3 31	23 26	0 6	21 58	0 14	22 9	0 1	18 1	1 40	22 25	14 19	22 37	22 29	21 36	8 24	1 55
T 20	23 23	24 8	3 40	20 14	2 16	14 32	3 16	27 1	3 32	23 26	0 6	21 57	0 15	22 10	0 1	18 1	1 40	22 24	14 19	22 36	22 29	21 38	8 25	1 55
F 21	23 19	21 16	4 29	20 29	2 8	14 49	3 16	27 1	3 33	23 26	0 5	21 56	0 15	22 10	0 1	18 2	1 40	22 23	14 18	22 36	22 28	21 40	8 26	1 55
S 22	23 16	17 14	5 1	20 43	1 59	15 6	3 16	27 1	3 34	23 26	0 5	21 55	0 15	22 11	0 1	18 2	1 40	22 23	14 18	22 36	22 28	21 42	8 28	1 55
S 23	23 12	12 25	5 14	20 58	1 50	15 22	3 15	27 1	3 34	23 26	0 5	21 54	0 15	22 11	0 1	18 3	1 40	22 22	14 18	22 35	22 27	21 44	8 29	1 55
M24	23 7	7 11	5 10	21 13	1 41	15 39	3 14	27 1	3 35	23 26	0 5	21 53	0 15	22 12	0 1	18 3	1 40	22 22	14 18	22 35	22 27	21 46	8 31	1 55
T 25	23 2	1 48	4 51	21 28	1 32	15 55	3 13	27 0	3 35	23 26	0 5	21 51	0 15	22 12	0 1	18 3	1 40	22 21	14 17	22 35	22 27	21 48	8 32	1 55
W26	22 56	3n30	4 18	21 42	1 23	16 12	3 12	27 0	3 36	23 26	0 5	21 50	0 15	22 13	0 1	18 4	1 40	22 20	14 17	22 35	22 26	21 49	8 33	1 55
T 27	22 51	8 34	3 35	21 56	1 14	16 28	3 11	26 59	3 36	23 26	0 4	21 49	0 15	22 13	0 1	18 4	1 40	22 20	14 17	22 35	22 26	21 51	8 34	1 55
F 28	22 44	13 14	2 43	22 10	1 5	16 43	3 10	26 59	3 36	23 26	0 4	21 48	0 15	22 14	0 1	18 4	1 40	22 19	14 17	22 35	22 25	21 53	8 35	1 55
S 29	22 37	17 23	1 44	22 23	0 56	16 59	3 9	26 58	3 36	23 26	0 4	21 47	0 15	22 14	0 1	18 5	1 40	22 18	14 16	22 35	22 25	21 55	8 36	1 55
S 30	22 30	20 50	0 41	22 36	0 47	17 14	3 7	26 57	3 36	23 26	0 4	21 46	0 15	22 14	0 1	18 5	1 40	22 18	14 16	22 36	22 25	21 57	8 37	1 55
M31	22s22	23n25	0n23	22s48	0n38	17s29	3n 5	26n56	3n36	23n26	0s 4	21s45	0s15	22s15	0n 1	18s 5	1n40	22s17	14s16	22n36	22n24	21n59	8s38	1s54

Julian Day Number = 2200965.5, Delta T = 10m03s
Ecliptic obliquity = 23°31'44, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°10'17, Lahiri = 14°17'17 Julian Calendar 1 Dec. 1313 == Greg. Calendar 9 Dec. 1313

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ASTRODIENST EPHEMERIS for the year 1314
geocentric

JANUARY 1314 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	7 12 3	18♉35'20	0♋21	26♐26	2♐28	22°R42	27°R26	23♉30	11♐38	27♏41	6♓40	14°R12	12♊37	10♊53	17♎30	T 1
W 2	7 15 59	19°36'24	12°21	27°44	3°34	22♊28	27♊19	23°38	11°41	27°42	6°42	14♊ 9	12°34	11° 0	17°33	W 2
T 3	7 19 56	20°37'28	24°30	29° 4	4°41	22°14	27°12	23°45	11°44	27°44	6°43	14° 4	12°31	11° 7	17°35	T 3
F 4	7 23 52	21°38'31	6♌50	0♉25	5°47	22° 1	27° 5	23°52	11°47	27°46	6°44	13°58	12°28	11°13	17°38	F 4
S 5	7 27 49	22°39'33	19°21	1°47	6°54	21°49	26°58	23°59	11°50	27°47	6°45	13°51	12°25	11°20	17°40	S 5
S 6	7 31 45	23°40'35	2♍ 4	3°10	8° 1	21°37	26°52	24° 6	11°53	27°49	6°46	13°43	12°22	11°27	17°42	S 6
M 7	7 35 42	24°41'36	15° 0	4°34	9° 8	21°27	26°45	24°13	11°56	27°50	6°48	13°37	12°18	11°33	17°44	M 7
T 8	7 39 38	25°42'36	28° 9	5°58	10°16	21°17	26°39	24°20	11°59	27°51	6°49	13°32	12°15	11°40	17°46	T 8
W 9	7 43 35	26°43'35	11♎32	7°24	11°24	21° 8	26°33	24°28	12° 2	27°53	6°50	13°29	12°12	11°47	17°48	W 9
T 10	7 47 32	27°44'34	25°10	8°51	12°31	21° 0	26°27	24°35	12° 5	27°54	6°51	13°D28	12° 9	11°53	17°49	T 10
F 11	7 51 28	28°45'32	9♏ 3	10°18	13°39	20°52	26°21	24°42	12° 8	27°55	6°53	13°28	12° 6	12° 0	17°51	F 11
S 12	7 55 25	29°46'30	23°13	11°46	14°48	20°46	26°15	24°49	12°10	27°57	6°54	13°29	12° 2	12° 7	17°52	S 12
S 13	7 59 21	0♒47'27	7♐37	13°16	15°56	20°40	26°10	24°56	12°13	27°58	6°55	13°R30	11°59	12°13	17°54	S 13
M14	8 3 18	1°48'23	22°14	14°45	17° 4	20°35	26° 4	25° 3	12°16	27°59	6°57	13°30	11°56	12°20	17°55	M14
T 15	8 7 14	2°49'18	6♉59	16°16	18°13	20°31	25°59	25°10	12°19	28° 1	6°58	13°28	11°53	12°26	17°56	T 15
W16	8 11 11	3°50'13	21°45	17°47	19°22	20°28	25°54	25°17	12°21	28° 2	6°59	13°23	11°50	12°33	17°57	W16
T 17	8 15 7	4°51'06	6♒24	19°19	20°31	20°25	25°49	25°25	12°24	28° 3	7° 1	13°16	11°47	12°40	17°58	T 17
F 18	8 19 4	5°51'58	20°50	20°52	21°40	20°23	25°45	25°32	12°26	28° 4	7° 2	13° 8	11°43	12°46	17°58	F 18
S 19	8 23 1	6°52'48	4♓56	22°26	22°49	20°22	25°40	25°39	12°29	28° 5	7° 4	12°58	11°40	12°53	17°59	S 19
S 20	8 26 57	7°53'37	18°38	24° 0	23°58	20°D22	25°36	25°46	12°31	28° 6	7° 5	12°49	11°37	13° 0	18° 0	S 20
M21	8 30 54	8°54'25	1♈53	25°36	25° 7	20°22	25°31	25°53	12°34	28° 7	7° 6	12°42	11°34	13° 6	18° 0	M21
T 22	8 34 50	9°55'11	14°43	27°12	26°17	20°24	25°27	26° 0	12°36	28° 8	7° 8	12°36	11°31	13°13	18° 0	T 22
W23	8 38 47	10°55'55	27°11	28°48	27°27	20°26	25°24	26° 7	12°38	28° 9	7° 9	12°33	11°28	13°20	18°R 0	W23
T 24	8 42 43	11°56'38	9♉20	0♒26	28°36	20°28	25°20	26°14	12°41	28°10	7°11	12°D32	11°24	13°26	18° 0	T 24
F 25	8 46 40	12°57'19	21°16	2° 4	29°46	20°32	25°17	26°21	12°43	28°11	7°12	12°32	11°21	13°33	18° 0	F 25
S 26	8 50 36	13°57'58	3♊ 5	3°43	0♉56	20°36	25°13	26°28	12°45	28°12	7°14	12°33	11°18	13°40	18° 0	S 26
S 27	8 54 33	14°58'36	14°52	5°23	2° 6	20°41	25°10	26°35	12°47	28°13	7°15	12°R33	11°15	13°46	18° 0	S 27
M28	8 58 30	15°59'12	26°42	7° 4	3°16	20°46	25° 7	26°42	12°50	28°14	7°17	12°32	11°12	13°53	17°59	M28
T 29	9 2 26	16°59'46	8♋38	8°46	4°26	20°53	25° 5	26°48	12°52	28°14	7°18	12°29	11° 8	13°59	17°58	T 29
W30	9 6 23	18° 0'19	20°46	10°29	5°37	20°59	25° 2	26°55	12°54	28°15	7°20	12°23	11° 5	14° 6	17°58	W30
T 31	9 10 19	19♒ 0'50	3♌ 8	12♒12	6♉47	21♊ 7	25♊ 0	27♉ 2	12♐56	28♏16	7♓21	12♊14	11♊ 2	14♊13	17♎57	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22s14	24n59	1n27	22s59	0n30	17s44	3n 4	26n55	3n36	23n27	0s 4	21s44	0s15	22s15	0n 1	18s 6	1n40	22s17	14s16	22n35	22n24	22n 0	8s39	1s54
W 2	22 5	25 24	2 28	23 9	0 21	17 58	3 2	26 54	3 35	23 27	0 4	21 42	0 15	22 16	0 1	18 6	1 40	22 16	14 16	22 35	22 23	22 2	8 40	1 54
T 3	21 56	24 37	3 22	23 19	0 13	18 12	3 0	26 53	3 35	23 27	0 3	21 41	0 15	22 16	0 1	18 6	1 40	22 15	14 15	22 34	22 23	22 4	8 41	1 54
F 4	21 47	22 37	4 8	23 27	0 5	18 26	2 58	26 52	3 35	23 27	0 3	21 40	0 16	22 17	0 1	18 7	1 40	22 15	14 15	22 34	22 22	22 6	8 42	1 54
S 5	21 37	19 32	4 42	23 34	0s 3	18 40	2 56	26 50	3 34	23 27	0 3	21 39	0 16	22 17	0 1	18 7	1 40	22 14	14 15	22 33	22 22	22 8	8 43	1 54
S 6	21 27	15 29	5 3	23 41	0 11	18 53	2 53	26 49	3 34	23 27	0 3	21 38	0 16	22 17	0 1	18 7	1 40	22 13	14 15	22 32	22 22	22 9	8 44	1 54
M 7	21 16	10 41	5 10	23 46	0 19	19 5	2 51	26 48	3 33	23 27	0 3	21 37	0 16	22 18	0 1	18 7	1 40	22 13	14 14	22 31	22 21	22 11	8 44	1 54
T 8	21 5	5 19	5 0	23 50	0 26	19 18	2 48	26 47	3 33	23 26	0 3	21 35	0 16	22 18	0 0	18 8	1 40	22 12	14 14	22 31	22 21	22 13	8 45	1 54
W 9	20 53	0s23	4 34	23 53	0 33	19 30	2 46	26 46	3 32	23 26	0 3	21 34	0 16	22 19	0 0	18 8	1 40	22 11	14 14	22 30	22 20	22 15	8 46	1 54
T 10	20 41	6 11	3 52	23 54	0 41	19 41	2 43	26 44	3 32	23 26	0 2	21 33	0 16	22 19	0 0	18 8	1 40	22 11	14 14	22 30	22 20	22 17	8 46	1 54
F 11	20 29	11 48	2 55	23 55	0 47	19 52	2 41	26 43	3 31	23 26	0 2	21 32	0 16	22 19	0 0	18 8	1 40	22 10	14 14	22 30	22 20	22 18	8 47	1 54
S 12	20 16	16 55	1 48	23 54	0 54	20 3	2 38	26 42	3 30	23 26	0 2	21 31	0 16	22 20	0 0	18 9	1 40	22 9	14 14	22 30	22 19	22 20	8 47	1 53
S 13	20 3	21 8	0 32	23 52	1 0	20 13	2 35	26 41	3 29	23 26	0 2	21 29	0 16	22 20	0 0	18 9	1 40	22 9	14 13	22 30	22 19	22 22	8 47	1 53
M14	19 50	24 5	0s47	23 49	1 6	20 23	2 32	26 39	3 28	23 26	0 2	21 28	0 16	22 20	0 0	18 9	1 41	22 8	14 13	22 30	22 18	22 24	8 48	1 53
T 15	19 36	25 24	2 3	23 44	1 12	20 32	2 29	26 38	3 27	23 26	0 2	21 27	0 16	22 21	0 0	18 9	1 41	22 7	14 13	22 30	22 18	22 25	8 48	1 53
W16	19 22	24 55	3 11	23 38	1 18	20 41	2 26	26 37	3 27	23 26	0 2	21 26	0 16	22 21	0 0	18 10	1 41	22 7	14 13	22 29	22 17	22 27	8 48	1 53
T 17	19 7	22 42	4 6	23 30	1 23	20 49	2 23	26 36	3 26	23 26	0 1	21 24	0 17	22 22	0 0	18 10	1 41	22 6	14 13	22 29	22 17	22 29	8 49	1 53
F 18	18 53	19 4	4 44	23 21	1 28	20 57	2 20	26 35	3 25	23 26	0 1	21 23	0 17	22 22	0 0	18 10	1 41	22 5	14 13	22 28	22 17	22 31	8 49	1 53
S 19	18 37	14 26	5 3	23 11	1 33	21 4	2 16	26 34	3 24	23 26	0 1	21 22	0 17	22 22	0 0	18 10	1 41	22 5	14 12	22 26	22 16	22 32	8 49	1 53
S 20	18 22	9 11	5 5	22 59	1 38	21 11	2 13	26 33	3 23	23 26	0 1	21 21	0 17	22 23	0 0	18 10	1 41	22 4	14 12	22 25	22 16	22 34	8 49	1 53
M21	18 6	3 40	4 49	22 46	1 42	21 17	2 10	26 32	3 22	23 26	0 1	21 20	0 17	22 23	0 0	18 11	1 41	22 3	14 12	22 24	22 15	22 36	8 49	1 53
T 22	17 50	1n50	4 20	22 32	1 46	21 22	2 6	26 31	3 21	23 26	0 1	21 18	0 17	22 23	0 0	18 11	1 41	22 3	14 12	22 24	22 15	22 37	8 49	1 52
W23	17 33	7 6	3 39	22 15	1 49	21 27	2 3	26 30	3 20	23 26	0 1	21 17	0 17	22 23	0 0	18 11	1 41	22 2	14 12	22 23	22 14	22 39	8 49	1 52
T 24	17 16	12 0	2 48	21 58	1 52	21 32	1 59	26 29	3 18	23 26	0 0	21 16	0 17	22 24	0 0	18 11	1 41	22 1	14 12	22 23	22 14	22 41	8 49	1 52
F 25	16 59	16 21	1 52	21 39	1 55	21 36	1 56	26 28	3 17	23 26	0 0	21 15	0 17	22 24	0 0	18 11	1 41	22 1	14 12	22 23	22 14	22 42	8 49	1 52
S 26	16 42	20 2	0 51	21 18	1 58	21 39	1 52	26 27	3 16	23 26	0 0	21 13	0 17	22 24	0 0	18 11	1 41	22 0	14 12	22 23	22 13	22 44	8 49	1 52
S 27	16 24	22 52	0n12	20 56	2 0	21 42	1 49	26 27	3 15	23 26	0 0	21 12	0 17	22 25	0 0	18 12	1 41	21 59	14 11	22 23	22 13	22 46	8 48	1 52
M28	16 6	24 44	1 15	20 32	2 2	21 44	1 45	26 26	3 14	23 26	0n 0	21 11	0 17	22 25	0 0	18 12	1 41	21 59	14 11	22 23	22 12	22 48	8 48	1 52
T 29	15 48	25 29	2 15	20 7	2 3	21 46	1 41	26 25	3 13	23 26	0 0	21 10	0 17	22 25	0 0	18 12	1 41	21 58	14 11	22 23	22 12	22 49	8 48	1 52
W30	15 29	25 2	3 9	19 40	2 4	21 47	1 38	26 25	3 12	23 27	0 0	21 8	0 18	22 26	0 0	18 12	1 41	21 57	14 11	22 22	22 11	22 51	8 47	1 51
T 31	15s11	23n21	3n55	19s12	2s 5	21s47	1n34	26n24	3n11	23n27	0n 1	21s 7	0s18	22s26	0n 0	18s12	1n41	21s57	14s11	22n21	22n11	22n53	8s47	1s51

Julian Day Number = 2200996.5, Delta T = 10m03s
Ecliptic obliquity = 23°31'44, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°10'21, Lahiri = 14°17'22 Julian Calendar 1 Jan. 1314 == Greg. Calendar 9 Jan. 1314

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ASTRODIENST EPHEMERIS for the year 1314
geocentric

FEBRUARY 1314 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	9 14 16	20♒ 1'19	15♌44	13♒57	7♉57	21♊15	24°R58	27♉ 9	12♐58	28♏16	7♓23	12°R 3	10♊59	14♊19	17°R56	F 1
S 2	9 18 12	21° 1'47	28°35	15°42	9° 8	21°24	24♊56	27°16	12°59	28°17	7°24	11♊51	10°56	14°26	17♎55	S 2
S 3	9 22 9	22° 2'13	11♍40	17°29	10°18	21°33	24°54	27°22	13° 1	28°18	7°26	11°38	10°53	14°33	17°54	S 3
M 4	9 26 5	23° 2'37	24°58	19°16	11°29	21°43	24°53	27°29	13° 3	28°18	7°27	11°27	10°49	14°39	17°53	M 4
T 5	9 30 2	24° 2'59	8♎27	21° 4	12°40	21°53	24°52	27°36	13° 5	28°19	7°29	11°18	10°46	14°46	17°51	T 5
W 6	9 33 59	25° 3'21	22° 5	22°53	13°51	22° 4	24°50	27°42	13° 7	28°19	7°30	11°11	10°43	14°53	17°50	W 6
T 7	9 37 55	26° 3'40	5♏52	24°43	15° 2	22°16	24°50	27°49	13° 8	28°20	7°32	11° 7	10°40	14°59	17°48	T 7
F 8	9 41 52	27° 3'59	19°46	26°34	16°13	22°28	24°49	27°56	13°10	28°20	7°34	11° 6	10°37	15° 6	17°46	F 8
S 9	9 45 48	28° 4'16	3♐48	28°26	17°24	22°41	24°48	28° 2	13°11	28°21	7°35	11° 6	10°34	15°13	17°44	S 9
S 10	9 49 45	29° 4'31	17°57	0♓19	18°35	22°54	24°48	28° 9	13°13	28°21	7°37	11° 6	10°30	15°19	17°43	S 10
M11	9 53 41	0♓ 4'45	2♉12	2°13	19°46	23° 7	24°D48	28°15	13°14	28°21	7°38	11° 4	10°27	15°26	17°41	M11
T 12	9 57 38	1° 4'58	16°30	4° 7	20°57	23°22	24°48	28°21	13°16	28°22	7°40	11° 1	10°24	15°33	17°38	T 12
W13	10 1 34	2° 5'09	0♒49	6° 2	22° 9	23°36	24°48	28°28	13°17	28°22	7°41	10°54	10°21	15°39	17°36	W13
T 14	10 5 31	3° 5'18	15° 4	7°57	23°20	23°51	24°49	28°34	13°19	28°22	7°43	10°45	10°18	15°46	17°34	T 14
F 15	10 9 28	4° 5'25	29° 9	9°53	24°31	24° 7	24°50	28°41	13°20	28°23	7°45	10°33	10°14	15°52	17°31	F 15
S 16	10 13 24	5° 5'31	13♓ 0	11°50	25°43	24°23	24°50	28°47	13°21	28°23	7°46	10°20	10°11	15°59	17°29	S 16
S 17	10 17 21	6° 5'34	26°32	13°46	26°54	24°39	24°52	28°53	13°22	28°23	7°48	10° 7	10° 8	16° 6	17°26	S 17
M18	10 21 17	7° 5'35	9♈42	15°42	28° 6	24°56	24°53	28°59	13°23	28°23	7°49	9°56	10° 5	16°12	17°23	M18
T 19	10 25 14	8° 5'34	22°30	17°38	29°18	25°14	24°54	29° 5	13°24	28°23	7°51	9°47	10° 2	16°19	17°21	T 19
W20	10 29 10	9° 5'32	4♉58	19°34	0♒29	25°32	24°56	29°11	13°25	28°23	7°53	9°41	9°59	16°26	17°18	W20
T 21	10 33 7	10° 5'27	17° 9	21°28	1°41	25°50	24°58	29°17	13°26	28°R23	7°54	9°38	9°55	16°32	17°15	T 21
F 22	10 37 3	11° 5'19	29° 7	23°21	2°53	26° 8	25° 0	29°23	13°27	28°23	7°56	9°37	9°52	16°39	17°12	F 22
S 23	10 41 0	12° 5'10	10♊57	25°12	4° 4	26°27	25° 2	29°29	13°28	28°23	7°57	9°37	9°49	16°46	17° 8	S 23
S 24	10 44 57	13° 4'58	22°44	27° 1	5°16	26°47	25° 5	29°35	13°29	28°23	7°59	9°36	9°46	16°52	17° 5	S 24
M25	10 48 53	14° 4'44	4♋35	28°48	6°28	27° 6	25° 7	29°41	13°30	28°23	8° 0	9°35	9°43	16°59	17° 2	M25
T 26	10 52 50	15° 4'28	16°35	0♈31	7°40	27°26	25°10	29°47	13°30	28°23	8° 2	9°32	9°39	17° 6	16°58	T 26
W27	10 56 46	16° 4'10	28°48	2°11	8°52	27°47	25°13	29°52	13°31	28°22	8° 4	9°26	9°36	17°12	16°55	W27
T 28	11 0 43	17♓ 3'49	11♌17	3♈47	10♒ 4	28♊ 8	25♊16	29♉58	13♐32	28♏22	8♓ 5	9♊17	9♊33	17♊19	16♎51	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	14s52	20n29	4n31	18s42	2s 5	21s47	1n30	26n23	3n 9	23n27	0n 1	21s 6	0s18	22s26	0n 0	18s12	1n41	21s56	14s11	22n19	22n10	22n54	8s46	1s51	F 1
S 2	14 32	16 36	4 54	18 11	2 5	21 46	1 27	26 23	3 8	23 27	0 1	21 5	0 18	22 26	0 0	18 12	1 41	21 55	14 11	22 18	22 10	22 56	8 46	1 51	S 2
S 3	14 13	11 52	5 2	17 38	2 4	21 45	1 23	26 22	3 7	23 27	0 1	21 3	0 18	22 27	0 0	18 12	1 42	21 55	14 11	22 16	22 10	22 57	8 45	1 51	S 3
M 4	13 53	6 30	4 54	17 3	2 3	21 43	1 19	26 22	3 6	23 27	0 1	21 2	0 18	22 27	0 0	18 12	1 42	21 54	14 11	22 14	22 9	22 59	8 45	1 51	M 4
T 5	13 33	0 46	4 29	16 27	2 2	21 40	1 15	26 21	3 5	23 27	0 1	21 1	0 18	22 27	0 0	18 12	1 42	21 53	14 11	22 13	22 9	23 1	8 44	1 51	T 5
W 6	13 13	5s 6	3 49	15 49	1 59	21 37	1 12	26 21	3 4	23 27	0 1	21 0	0 18	22 27	0 0	18 13	1 42	21 53	14 11	22 12	22 8	23 2	8 43	1 50	W 6
T 7	12 53	10 46	2 55	15 10	1 57	21 33	1 8	26 20	3 2	23 27	0 1	20 58	0 18	22 27	0 0	18 13	1 42	21 52	14 11	22 12	22 8	23 4	8 42	1 50	T 7
F 8	12 32	15 58	1 50	14 29	1 54	21 29	1 4	26 20	3 1	23 27	0 2	20 57	0 18	22 28	0 0	18 13	1 42	21 52	14 11	22 11	22 7	23 6	8 42	1 50	F 8
S 9	12 11	20 22	0 39	13 47	1 50	21 24	1 0	26 19	3 0	23 27	0 2	20 56	0 18	22 28	0 0	18 13	1 42	21 51	14 11	22 11	22 7	23 7	8 41	1 50	S 9
S 10	11 50	23 35	0s36	13 3	1 46	21 18	0 56	26 19	2 59	23 27	0 2	20 55	0 19	22 28	0 0	18 13	1 42	21 50	14 11	22 11	22 6	23 9	8 40	1 50	S 10
M11	11 29	25 20	1 49	12 18	1 41	21 12	0 53	26 18	2 58	23 28	0 2	20 54	0 19	22 28	0 0	18 13	1 42	21 50	14 11	22 11	22 6	23 10	8 39	1 50	M11
T 12	11 8	25 25	2 56	11 31	1 36	21 5	0 49	26 18	2 56	23 28	0 2	20 52	0 19	22 28	0 0	18 13	1 42	21 49	14 11	22 11	22 5	23 12	8 38	1 50	T 12
W13	10 46	23 48	3 51	10 43	1 30	20 58	0 45	26 18	2 55	23 28	0 2	20 51	0 19	22 29	0 0	18 13	1 42	21 48	14 11	22 10	22 5	23 14	8 37	1 49	W13
T 14	10 25	20 41	4 31	9 54	1 23	20 49	0 41	26 17	2 54	23 28	0 2	20 50	0 19	22 29	0 0	18 13	1 42	21 48	14 11	22 8	22 5	23 15	8 36	1 49	T 14
F 15	10 3	16 24	4 55	9 4	1 16	20 41	0 38	26 17	2 53	23 28	0 2	20 49	0 19	22 29	0 0	18 13	1 42	21 47	14 11	22 7	22 4	23 17	8 35	1 49	F 15
S 16	9 41	11 19	5 0	8 12	1 8	20 31	0 34	26 16	2 52	23 28	0 3	20 48	0 19	22 29	0 0	18 13	1 42	21 47	14 11	22 5	22 4	23 18	8 34	1 49	S 16
S 17	9 19	5 47	4 48	7 20	1 0	20 22	0 30	26 16	2 51	23 28	0 3	20 46	0 19	22 29	0 0	18 13	1 42	21 46	14 11	22 3	22 3	23 20	8 33	1 49	S 17
M18	8 56	0 9	4 21	6 26	0 51	20 11	0 27	26 15	2 50	23 29	0 3	20 45	0 19	22 29	0 0	18 13	1 42	21 45	14 11	22 1	22 3	23 22	8 31	1 48	M18
T 19	8 34	5n22	3 42	5 32	0 41	20 0	0 23	26 15	2 48	23 29	0 3	20 44	0 19	22 30	0 0	18 13	1 42	21 45	14 11	22 0	22 2	23 23	8 30	1 48	T 19
W20	8 11	10 31	2 52	4 38	0 31	19 48	0 19	26 14	2 47	23 29	0 3	20 43	0 19	22 30	0 0	18 13	1 42	21 44	14 11	21 59	22 2	23 25	8 29	1 48	W20
T 21	7 49	15 10	1 56	3 43	0 21	19 36	0 16	26 14	2 46	23 29	0 3	20 42	0 20	22 30	0 0	18 13	1 42	21 44	14 11	21 59	22 1	23 26	8 27	1 48	T 21
F 22	7 26	19 8	0 55	2 48	0 9	19 24	0 12	26 13	2 45	23 29	0 3	20 41	0 20	22 30	0 0	18 12	1 43	21 43	14 11	21 59	22 1	23 28	8 26	1 48	F 22
S 23	7 3	22 17	0n 7	1 53	0n 2	19 10	0 9	26 13	2 44	23 29	0 3	20 39	0 20	22 30	0 0	18 12	1 43	21 42	14 11	21 59	22 0	23 29	8 25	1 47	S 23
S 24	6 40	24 29	1 9	0 58	0 14	18 56	0 5	26 12	2 43	23 30	0 3	20 38	0 20	22 30	0 0	18 12	1 43	21 42	14 11	21 58	22 0	23 31	8 23	1 47	S 24
M25	6 17	25 35	2 8	0 4	0 27	18 42	0 2	26 11	2 42	23 30	0 4	20 37	0 20	22 30	0 0	18 12	1 43	21 41	14 11	21 58	21 59	23 32	8 22	1 47	M25
T 26	5 54	25 31	3 2	0n49	0 39	18 27	0s 2	26 11	2 41	23 30	0 4	20 36	0 20	22 30	0 0	18 12	1 43	21 41	14 11	21 58	21 59	23 34	8 20	1 47	T 26
W27	5 31	24 13	3 49	1 40	0 52	18 12	0 5	26 10	2 39	23 30	0 4	20 35	0 20	22 30	0 0	18 12	1 43	21 40	14 11	21 57	21 58	23 35	8 19	1 47	W27
T 28	5s 8	21n43	4n26	2n31	1n 5	17s56	0s 9	26n 9	2n38	23n31	0n 4	20s34	0s20	22s31	0n 0	18s12	1n43	21s40	14s11	21n56	21n58	23n37	8s17	1s46	T 28

Julian Day Number = 2201027.5, Delta T = 10m03s
Ecliptic obliquity = 23°31'45, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°10'26, Lahiri = 14°17'26 Julian Calendar 1 Feb. 1314 == Greg. Calendar 9 Feb. 1314

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ASTRODIENST EPHEMERIS for the year 1314
geocentric

MARCH 1314 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	11 4 39	18♓ 3'26	24♌ 6	5♈19	11♒16	28♊29	25♊20	0♒ 3	13♐32	28°R22	8♓ 7	9°R 6	9♊30	17♊25	16°R48	F 1
S 2	11 8 36	19° 3'01	7♍14	6°45	12°28	28°50	25°23	0° 9	13°33	28♏22	8° 8	8♊54	9°27	17°32	16♎44	S 2
S 3	11 12 32	20° 2'33	20°41	8° 6	13°40	29°12	25°27	0°14	13°33	28°21	8°10	8°41	9°24	17°39	16°40	S 3
M 4	11 16 29	21° 2'04	4♎23	9°22	14°52	29°34	25°31	0°20	13°34	28°21	8°11	8°29	9°20	17°45	16°36	M 4
T 5	11 20 25	22° 1'33	18°18	10°31	16° 4	29°56	25°35	0°25	13°34	28°21	8°13	8°20	9°17	17°52	16°32	T 5
W 6	11 24 22	23° 0'59	2♏22	11°33	17°16	0♋19	25°39	0°30	13°34	28°20	8°15	8°13	9°14	17°59	16°28	W 6
T 7	11 28 19	24° 0'24	16°29	12°29	18°28	0°42	25°43	0°36	13°34	28°20	8°16	8° 9	9°11	18° 5	16°24	T 7
F 8	11 32 15	24°59'47	0♐39	13°18	19°40	1° 5	25°48	0°41	13°35	28°19	8°18	8° 7	9° 8	18°12	16°20	F 8
S 9	11 36 12	25°59'09	14°47	13°59	20°53	1°28	25°53	0°46	13°35	28°19	8°19	8°D 7	9° 5	18°19	16°16	S 9
S 10	11 40 8	26°58'28	28°54	14°33	22° 5	1°52	25°58	0°51	13°35	28°18	8°21	8°R 7	9° 1	18°25	16°12	S 10
M11	11 44 5	27°57'46	12♉58	15° 0	23°17	2°16	26° 3	0°56	13°R35	28°18	8°22	8° 6	8°58	18°32	16° 8	M11
T 12	11 48 1	28°57'02	26°58	15°19	24°30	2°40	26° 8	1° 1	13°35	28°17	8°24	8° 3	8°55	18°39	16° 3	T 12
W13	11 51 58	29°56'17	10♒54	15°31	25°42	3° 5	26°13	1° 5	13°35	28°16	8°25	7°58	8°52	18°45	15°59	W13
T 14	11 55 54	0♈55'29	24°42	15°R36	26°54	3°30	26°19	1°10	13°35	28°16	8°27	7°50	8°49	18°52	15°55	T 14
F 15	11 59 51	1°54'39	8♓20	15°33	28° 7	3°55	26°25	1°15	13°34	28°15	8°28	7°40	8°45	18°59	15°50	F 15
S 16	12 3 48	2°53'48	21°46	15°23	29°19	4°20	26°31	1°19	13°34	28°14	8°30	7°29	8°42	19° 5	15°46	S 16
S 17	12 7 44	3°52'54	4♈58	15° 7	0♓31	4°45	26°37	1°24	13°34	28°14	8°31	7°17	8°39	19°12	15°41	S 17
M18	12 11 41	4°51'58	17°53	14°45	1°44	5°11	26°43	1°28	13°34	28°13	8°33	7° 8	8°36	19°18	15°37	M18
T 19	12 15 37	5°51'00	0♉31	14°17	2°56	5°37	26°49	1°33	13°33	28°12	8°34	7° 0	8°33	19°25	15°32	T 19
W20	12 19 34	6°50'01	12°53	13°44	4° 9	6° 3	26°56	1°37	13°33	28°11	8°35	6°54	8°30	19°32	15°27	W20
T 21	12 23 30	7°48'58	25° 0	13° 7	5°21	6°30	27° 2	1°41	13°32	28°10	8°37	6°52	8°26	19°38	15°23	T 21
F 22	12 27 27	8°47'54	6♊57	12°27	6°34	6°56	27° 9	1°45	13°32	28° 9	8°38	6°D51	8°23	19°45	15°18	F 22
S 23	12 31 23	9°46'47	18°47	11°44	7°46	7°23	27°16	1°50	13°31	28° 8	8°40	6°51	8°20	19°52	15°14	S 23
S 24	12 35 20	10°45'39	0♋35	10°59	8°59	7°50	27°23	1°54	13°30	28° 7	8°41	6°52	8°17	19°58	15° 9	S 24
M25	12 39 17	11°44'27	12°26	10°14	10°11	8°17	27°30	1°57	13°30	28° 7	8°42	6°R53	8°14	20° 5	15° 4	M25
T 26	12 43 13	12°43'14	24°26	9°28	11°24	8°45	27°38	2° 1	13°29	28° 6	8°44	6°52	8°11	20°12	15° 0	T 26
W27	12 47 10	13°41'58	6♌40	8°44	12°37	9°12	27°45	2° 5	13°28	28° 5	8°45	6°49	8° 7	20°18	14°55	W27
T 28	12 51 6	14°40'40	19°12	8° 1	13°49	9°40	27°53	2° 9	13°27	28° 3	8°47	6°44	8° 4	20°25	14°50	T 28
F 29	12 55 3	15°39'20	2♍ 6	7°20	15° 2	10° 8	28° 1	2°12	13°26	28° 2	8°48	6°38	8° 1	20°32	14°46	F 29
S 30	12 58 59	16°37'57	15°23	6°42	16°14	10°36	28° 9	2°16	13°25	28° 1	8°49	6°30	7°58	20°38	14°41	S 30
S 31	13 2 56	17♈36'33	29♍ 4	6♈ 8	17♓27	11♋ 4	28♊17	2♒19	13♐24	28♏ 0	8♓50	6♊22	7♊55	20♊45	14♎36	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	4s44	18n 6	4n51	3n19	1n18	17s39	0s12	26n 9	2n37	23n31	0n 4	20s33	0s20	22s31	0n 0	18s12	1n43	21s39	14s11	21n54	21n58	23n38	8s15	1s46	F 1
S 2	4 21	13 32	5 1	4 5	1 31	17 22	0 15	26 8	2 36	23 31	0 4	20 32	0 20	22 31	0 0	18 12	1 43	21 39	14 11	21 52	21 57	23 40	8 14	1 46	S 2
S 3	3 57	8 13	4 54	4 49	1 44	17 5	0 18	26 7	2 35	23 31	0 4	20 31	0 20	22 31	0 0	18 12	1 43	21 38	14 11	21 50	21 57	23 41	8 12	1 46	S 3
M 4	3 34	2 24	4 31	5 30	1 56	16 47	0 22	26 6	2 34	23 32	0 4	20 29	0 21	22 31	0s 0	18 12	1 43	21 38	14 11	21 48	21 56	23 43	8 10	1 45	M 4
T 5	3 10	3s38	3 51	6 8	2 8	16 28	0 25	26 5	2 33	23 32	0 4	20 28	0 21	22 31	0 0	18 11	1 43	21 37	14 12	21 47	21 56	23 44	8 9	1 45	T 5
W 6	2 47	9 34	2 57	6 44	2 20	16 10	0 28	26 4	2 32	23 32	0 5	20 27	0 21	22 31	0 0	18 11	1 43	21 37	14 12	21 46	21 55	23 46	8 7	1 45	W 6
T 7	2 23	15 2	1 52	7 16	2 31	15 50	0 31	26 3	2 31	23 32	0 5	20 26	0 21	22 31	0 0	18 11	1 43	21 36	14 12	21 45	21 55	23 47	8 5	1 45	T 7
F 8	2 0	19 43	0 40	7 44	2 41	15 30	0 34	26 1	2 30	23 33	0 5	20 25	0 21	22 31	0 0	18 11	1 43	21 36	14 12	21 45	21 54	23 49	8 3	1 44	F 8
S 9	1 36	23 15	0s35	8 9	2 50	15 10	0 37	26 0	2 29	23 33	0 5	20 24	0 21	22 31	0 0	18 11	1 43	21 35	14 12	21 45	21 54	23 50	8 1	1 44	S 9
S 10	1 12	25 20	1 48	8 30	2 58	14 50	0 40	25 59	2 28	23 33	0 5	20 23	0 21	22 31	0 0	18 11	1 43	21 35	14 12	21 45	21 53	23 52	7 59	1 44	S 10
M11	0 49	25 47	2 54	8 47	3 6	14 28	0 42	25 57	2 27	23 33	0 5	20 22	0 21	22 31	0 0	18 10	1 43	21 34	14 12	21 45	21 53	23 53	7 58	1 44	M11
T 12	0 25	24 35	3 49	9 0	3 12	14 7	0 45	25 56	2 26	23 34	0 5	20 21	0 21	22 31	0 0	18 10	1 43	21 34	14 12	21 44	21 52	23 55	7 56	1 43	T 12
W13	0 1	21 53	4 30	9 9	3 16	13 45	0 48	25 54	2 25	23 34	0 5	20 20	0 21	22 31	0 0	18 10	1 43	21 33	14 13	21 43	21 52	23 56	7 54	1 43	W13
T 14	0n22	17 58	4 55	9 14	3 20	13 23	0 50	25 53	2 24	23 34	0 5	20 19	0 22	22 31	0 0	18 10	1 44	21 33	14 13	21 42	21 51	23 57	7 52	1 43	T 14
F 15	0 46	13 9	5 3	9 15	3 22	13 0	0 53	25 51	2 23	23 34	0 5	20 19	0 22	22 31	0 0	18 10	1 44	21 32	14 13	21 40	21 51	23 59	7 50	1 42	F 15
S 16	1 9	7 46	4 54	9 11	3 22	12 37	0 56	25 49	2 22	23 35	0 6	20 18	0 22	22 31	0 0	18 10	1 44	21 32	14 13	21 38	21 50	24 0	7 48	1 42	S 16
S 17	1 33	2 8	4 29	9 4	3 21	12 14	0 58	25 47	2 21	23 35	0 6	20 17	0 22	22 31	0 0	18 9	1 44	21 32	14 13	21 37	21 50	24 2	7 46	1 42	S 17
M18	1 56	3n29	3 50	8 53	3 19	11 50	1 0	25 45	2 20	23 35	0 6	20 16	0 22	22 31	0 0	18 9	1 44	21 31	14 13	21 35	21 49	24 3	7 44	1 42	M18
T 19	2 20	8 52	3 1	8 38	3 14	11 26	1 3	25 43	2 19	23 35	0 6	20 15	0 22	22 31	0 0	18 9	1 44	21 31	14 13	21 34	21 49	24 5	7 42	1 41	T 19
W20	2 43	13 47	2 5	8 20	3 8	11 2	1 5	25 41	2 18	23 36	0 6	20 14	0 22	22 31	0 0	18 9	1 44	21 30	14 14	21 33	21 48	24 6	7 40	1 41	W20
T 21	3 7	18 4	1 3	7 58	3 1	10 37	1 7	25 39	2 17	23 36	0 6	20 13	0 22	22 31	0 0	18 8	1 44	21 30	14 14	21 32	21 48	24 7	7 37	1 41	T 21
F 22	3 30	21 34	0n 1	7 34	2 52	10 12	1 9	25 37	2 16	23 36	0 6	20 12	0 22	22 31	0 0	18 8	1 44	21 30	14 14	21 32	21 47	24 9	7 35	1 40	F 22
S 23	3 53	24 7	1 4	7 8	2 41	9 47	1 11	25 34	2 15	23 36	0 6	20 12	0 23	22 31	0 0	18 8	1 44	21 29	14 14	21 32	21 47	24 10	7 33	1 40	S 23
S 24	4 16	25 36	2 4	6 39	2 29	9 22	1 13	25 32	2 14	23 37	0 6	20 11	0 23	22 31	0 0	18 8	1 44	21 29	14 14	21 32	21 46	24 11	7 31	1 40	S 24
M25	4 40	25 55	2 59	6 9	2 16	8 56	1 15	25 29	2 13	23 37	0 6	20 10	0 23	22 31	0 0	18 7	1 44	21 29	14 15	21 32	21 46	24 13	7 29	1 39	M25
T 26	5 3	25 2	3 47	5 38	2 2	8 30	1 17	25 26	2 12	23 37	0 7	20 9	0 23	22 30	0 0	18 7	1 44	21 28	14 15	21 32	21 45	24 14	7 27	1 39	T 26
W27	5 26	22 58	4 26	5 7	1 47	8 4	1 19	25 24	2 11	23 37	0 7	20 9	0 23	22 30	0 0	18 7	1 44	21 28	14 15	21 32	21 45	24 16	7 25	1 39	W27
T 28	5 48	19 45	4 53	4 35	1 31	7 37	1 20	25 21	2 10	23 37	0 7	20 8	0 23	22 30	0 0	18 7	1 44	21 28	14 15	21 31	21 44	24 17	7 23	1 38	T 28
F 29	6 11	15 31	5 6	4 4	1 15	7 11	1 22	25 18	2 10	23 38	0 7	20 7	0 23	22 30	0 0	18 6	1 44	21 27	14 15	21 30	21 44	24 18	7 20	1 38	F 29
S 30	6 34	10 26	5 3	3 34	0 59	6 44	1 23	25 15	2 9	23 38	0 7	20 7	0 23	22 30	0 0	18 6	1 44	21 27	14 16	21 29	21 43	24 20	7 18	1 38	S 30
S 31	6n56	4n42	4n44	3n 5	0n42	6s17	1s25	25n11	2n 8	23n38	0n 7	20s 6	0s23	22s30	0s 0	18s 6	1n44	21s27	14s16	21n27	21n43	24n21	7s16	1s37	S 31

Julian Day Number = 2201055.5, Delta T = 10m02s
Ecliptic obliquity = 23°31'46, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°10'29, Lahiri = 14°17'30 Julian Calendar 1 March 1314 == Greg. Calendar 9 March 1314

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ASTRODIENST EPHEMERIS for the year 1314
geocentric

APRIL 1314 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	13 6 52	18♈35'06	13♎ 5	5°R38	18♓40	11♋32	28♊25	2♒22	13°R23	27°R59	8♓52	6°R14	7♊51	20♊52	14°R31	M 1
T 2	13 10 49	19°33'37	27°23	5♈13	19°52	12° 1	28°33	2°26	13♐22	27♏58	8°53	6♊ 8	7°48	20°58	14♎27	T 2
W 3	13 14 46	20°32'07	11♏53	4°52	21° 5	12°30	28°42	2°29	13°21	27°57	8°54	6° 3	7°45	21° 5	14°22	W 3
T 4	13 18 42	21°30'34	26°27	4°36	22°18	12°59	28°50	2°32	13°20	27°55	8°56	6° 1	7°42	21°11	14°18	T 4
F 5	13 22 39	22°29'01	10♐59	4°24	23°30	13°28	28°59	2°35	13°19	27°54	8°57	6°D 1	7°39	21°18	14°13	F 5
S 6	13 26 35	23°27'25	25°27	4°18	24°43	13°57	29° 7	2°38	13°18	27°53	8°58	6° 2	7°36	21°25	14° 8	S 6
S 7	13 30 32	24°25'48	9♑45	4°D17	25°56	14°26	29°16	2°41	13°16	27°52	8°59	6° 3	7°32	21°31	14° 4	S 7
M 8	13 34 28	25°24'09	23°51	4°21	27° 8	14°56	29°25	2°43	13°15	27°50	9° 0	6°R 4	7°29	21°38	13°59	M 8
T 9	13 38 25	26°22'29	7♒46	4°30	28°21	15°25	29°34	2°46	13°14	27°49	9° 2	6° 3	7°26	21°45	13°55	T 9
W10	13 42 21	27°20'47	21°27	4°43	29°34	15°55	29°44	2°48	13°12	27°48	9° 3	6° 1	7°23	21°51	13°50	W10
T 11	13 46 18	28°19'03	4♓56	5° 2	0♈47	16°25	29°53	2°51	13°11	27°46	9° 4	5°57	7°20	21°58	13°46	T 11
F 12	13 50 15	29°17'18	18°11	5°24	1°59	16°55	0♋ 2	2°53	13° 9	27°45	9° 5	5°52	7°16	22° 5	13°41	F 12
S 13	13 54 11	0♉15'32	1♈13	5°51	3°12	17°25	0°12	2°55	13° 8	27°44	9° 6	5°46	7°13	22°11	13°37	S 13
S 14	13 58 8	1°13'43	14° 2	6°23	4°25	17°56	0°22	2°58	13° 6	27°42	9° 7	5°40	7°10	22°18	13°33	S 14
M15	14 2 4	2°11'53	26°37	6°58	5°38	18°26	0°31	3° 0	13° 4	27°41	9° 8	5°35	7° 7	22°25	13°28	M15
T 16	14 6 1	3°10'01	9♉ 0	7°37	6°51	18°57	0°41	3° 2	13° 3	27°39	9° 9	5°31	7° 4	22°31	13°24	T 16
W17	14 9 57	4° 8'08	21°11	8°20	8° 3	19°27	0°51	3° 4	13° 1	27°38	9°10	5°28	7° 1	22°38	13°20	W17
T 18	14 13 54	5° 6'13	3♊11	9° 7	9°16	19°58	1° 1	3° 5	12°59	27°37	9°11	5°D27	6°57	22°45	13°16	T 18
F 19	14 17 50	6° 4'16	15° 4	9°57	10°29	20°29	1°12	3° 7	12°58	27°35	9°12	5°27	6°54	22°51	13°12	F 19
S 20	14 21 47	7° 2'17	26°53	10°50	11°42	21° 0	1°22	3° 9	12°56	27°34	9°13	5°29	6°51	22°58	13° 8	S 20
S 21	14 25 44	8° 0'17	8♋41	11°46	12°55	21°31	1°32	3°10	12°54	27°32	9°14	5°30	6°48	23° 5	13° 4	S 21
M22	14 29 40	8°58'15	20°32	12°46	14° 8	22° 2	1°43	3°11	12°52	27°31	9°15	5°32	6°45	23°11	13° 0	M22
T 23	14 33 37	9°56'10	2♌32	13°48	15°21	22°34	1°53	3°13	12°50	27°29	9°16	5°33	6°42	23°18	12°56	T 23
W24	14 37 33	10°54'04	14°45	14°54	16°33	23° 5	2° 4	3°14	12°48	27°28	9°17	5°R33	6°38	23°24	12°52	W24
T 25	14 41 30	11°51'56	27°15	16° 2	17°46	23°37	2°14	3°15	12°46	27°26	9°18	5°32	6°35	23°31	12°49	T 25
F 26	14 45 26	12°49'47	10♍ 8	17°13	18°59	24° 9	2°25	3°16	12°44	27°24	9°19	5°31	6°32	23°38	12°45	F 26
S 27	14 49 23	13°47'35	23°25	18°26	20°12	24°41	2°36	3°17	12°42	27°23	9°19	5°28	6°29	23°44	12°41	S 27
S 28	14 53 19	14°45'22	7♎ 9	19°42	21°25	25°12	2°47	3°18	12°40	27°21	9°20	5°25	6°26	23°51	12°38	S 28
M29	14 57 16	15°43'07	21°17	21° 1	22°38	25°44	2°58	3°19	12°38	27°20	9°21	5°22	6°22	23°58	12°35	M29
T 30	15 1 12	16♉40'51	5♏48	22♈22	23♈51	26♋17	3♋ 9	3♒19	12♐36	27♏18	9♓22	5♊20	6♊19	24♊ 4	12♎31	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	7n19	1s24	4n 6	2n38	0n25	5s50	1s26	25n 8	2n 7	23n38	0n 7	20s 5	0s24	22s30	0s 0	18s 5	1n44	21s26	14s16	21n26	21n42	24n22	7s14	1s37
T 2	7 41	7 35	3 13	2 13	0 9	5 22	1 28	25 5	2 6	23 38	0 7	20 5	0 24	22 30	0 0	18 5	1 44	21 26	14 16	21 25	21 42	24 24	7 12	1 36
W 3	8 3	13 27	2 7	1 50	0s 7	4 55	1 29	25 1	2 5	23 39	0 7	20 4	0 24	22 30	0 0	18 5	1 44	21 26	14 17	21 24	21 41	24 25	7 10	1 36
T 4	8 25	18 36	0 52	1 29	0 23	4 27	1 30	24 57	2 4	23 39	0 7	20 3	0 24	22 29	0 0	18 5	1 44	21 26	14 17	21 24	21 41	24 26	7 8	1 36
F 5	8 47	22 37	0s27	1 11	0 38	3 59	1 31	24 53	2 3	23 39	0 7	20 3	0 24	22 29	0 0	18 4	1 44	21 25	14 17	21 24	21 40	24 27	7 5	1 35
S 6	9 9	25 10	1 43	0 55	0 53	3 31	1 32	24 50	2 3	23 39	0 8	20 2	0 24	22 29	0 0	18 4	1 44	21 25	14 17	21 24	21 40	24 29	7 3	1 35
S 7	9 30	26 2	2 53	0 42	1 7	3 3	1 33	24 46	2 2	23 39	0 8	20 2	0 24	22 29	0 0	18 4	1 44	21 25	14 18	21 24	21 39	24 30	7 1	1 35
M 8	9 52	25 12	3 51	0 31	1 20	2 35	1 34	24 41	2 1	23 39	0 8	20 1	0 24	22 29	0 0	18 3	1 45	21 25	14 18	21 24	21 38	24 31	6 59	1 34
T 9	10 13	22 48	4 34	0 23	1 32	2 6	1 35	24 37	2 0	23 40	0 8	20 1	0 25	22 29	0 0	18 3	1 45	21 24	14 18	21 24	21 38	24 33	6 57	1 34
W10	10 34	19 9	5 1	0 18	1 44	1 38	1 35	24 33	1 59	23 40	0 8	20 0	0 25	22 29	0 0	18 3	1 45	21 24	14 18	21 24	21 37	24 34	6 55	1 33
T 11	10 55	14 33	5 11	0 15	1 55	1 9	1 36	24 28	1 58	23 40	0 8	20 0	0 25	22 28	0 0	18 2	1 45	21 24	14 19	21 23	21 37	24 35	6 53	1 33
F 12	11 16	9 20	5 4	0 15	2 5	0 41	1 37	24 24	1 57	23 40	0 8	19 59	0 25	22 28	0 0	18 2	1 45	21 24	14 19	21 22	21 36	24 36	6 51	1 33
S 13	11 36	3 48	4 41	0 17	2 14	0 12	1 37	24 19	1 57	23 40	0 8	19 59	0 25	22 28	0 0	18 2	1 45	21 24	14 19	21 21	21 36	24 38	6 48	1 32
S 14	11 57	1n48	4 4	0 21	2 23	0n16	1 37	24 14	1 56	23 40	0 8	19 59	0 25	22 28	0 0	18 1	1 45	21 24	14 20	21 20	21 35	24 39	6 46	1 32
M15	12 17	7 15	3 16	0 28	2 31	0 45	1 38	24 9	1 55	23 40	0 8	19 58	0 25	22 28	0 0	18 1	1 45	21 23	14 20	21 19	21 35	24 40	6 44	1 31
T 16	12 37	12 21	2 20	0 37	2 38	1 14	1 38	24 4	1 54	23 40	0 8	19 58	0 25	22 27	0 0	18 1	1 45	21 23	14 20	21 18	21 34	24 41	6 42	1 31
W17	12 57	16 53	1 17	0 49	2 44	1 42	1 38	23 59	1 53	23 40	0 9	19 58	0 25	22 27	0 0	18 0	1 45	21 23	14 20	21 18	21 34	24 43	6 40	1 31
T 18	13 16	20 40	0 12	1 2	2 49	2 11	1 38	23 54	1 52	23 40	0 9	19 57	0 26	22 27	0 0	18 0	1 45	21 23	14 21	21 18	21 33	24 44	6 38	1 30
F 19	13 36	23 34	0n53	1 17	2 54	2 40	1 38	23 48	1 52	23 40	0 9	19 57	0 26	22 27	0 0	18 0	1 45	21 23	14 21	21 18	21 33	24 45	6 36	1 30
S 20	13 55	25 25	1 55	1 35	2 58	3 8	1 38	23 42	1 51	23 40	0 9	19 57	0 26	22 27	0 0	17 59	1 45	21 23	14 21	21 18	21 32	24 46	6 34	1 29
S 21	14 14	26 7	2 53	1 54	3 1	3 37	1 38	23 37	1 50	23 40	0 9	19 57	0 26	22 26	0 0	17 59	1 45	21 23	14 22	21 18	21 32	24 47	6 32	1 29
M22	14 32	25 38	3 43	2 15	3 3	4 5	1 38	23 31	1 49	23 40	0 9	19 56	0 26	22 26	0 0	17 59	1 45	21 23	14 22	21 18	21 31	24 49	6 31	1 28
T 23	14 51	23 57	4 24	2 38	3 5	4 34	1 38	23 25	1 49	23 40	0 9	19 56	0 26	22 26	0 1	17 58	1 45	21 23	14 22	21 19	21 31	24 50	6 29	1 28
W24	15 9	21 10	4 55	3 2	3 6	5 2	1 37	23 19	1 48	23 40	0 9	19 56	0 26	22 26	0 1	17 58	1 45	21 23	14 23	21 19	21 30	24 51	6 27	1 28
T 25	15 27	17 21	5 12	3 28	3 6	5 30	1 37	23 13	1 47	23 40	0 9	19 56	0 26	22 25	0 1	17 58	1 45	21 22	14 23	21 19	21 29	24 52	6 25	1 27
F 26	15 45	12 38	5 14	3 55	3 6	5 58	1 37	23 6	1 46	23 40	0 9	19 56	0 27	22 25	0 1	17 57	1 45	21 22	14 23	21 18	21 29	24 53	6 23	1 27
S 27	16 2	7 12	5 0	4 24	3 5	6 26	1 36	23 0	1 45	23 40	0 9	19 56	0 27	22 25	0 1	17 57	1 45	21 22	14 24	21 18	21 28	24 55	6 21	1 26
S 28	16 20	1 16	4 28	4 54	3 3	6 54	1 35	22 53	1 45	23 39	0 9	19 56	0 27	22 25	0 1	17 56	1 45	21 22	14 24	21 17	21 28	24 56	6 20	1 26
M29	16 36	4s56	3 40	5 26	3 1	7 22	1 35	22 47	1 44	23 39	0 10	19 56	0 27	22 24	0 1	17 56	1 45	21 22	14 24	21 17	21 27	24 57	6 18	1 25
T 30	16n53	11s 3	2n36	5n59	2s58	7n50	1s34	22n40	1n43	23n39	0n10	19s56	0s27	22s24	0s 1	17s56	1n45	21s22	14s25	21n16	21n27	24n58	6s16	1s25

Julian Day Number = 2201086.5, Delta T = 10m02s
Ecliptic obliquity = 23°31'46, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°10'34, Lahiri = 14°17'34 Julian Calendar 1 Apr. 1314 == Greg. Calendar 9 Apr. 1314

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ASTRODIENST EPHEMERIS for the year 1314
geocentric

MAY 1314 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	15 5 9	17♉38'33	20♏35	23♈45	25♈ 4	26♋49	3♋20	3♒20	12°R34	27°R17	9♓22	5°R19	6♊16	24♊11	12°R28	W 1
T 2	15 9 6	18°36'14	5♐31	25°11	26°17	27°21	3°32	3°20	12♐32	27♏15	9°23	5°D19	6°13	24°18	12♎25	T 2
F 3	15 13 2	19°33'53	20°28	26°39	27°30	27°53	3°43	3°20	12°30	27°13	9°24	5♊19	6°10	24°24	12°22	F 3
S 4	15 16 59	20°31'32	5♑18	28°10	28°42	28°26	3°54	3°21	12°27	27°12	9°25	5°20	6° 7	24°31	12°19	S 4
S 5	15 20 55	21°29'09	19°55	29°43	29°55	28°58	4° 6	3°21	12°25	27°10	9°25	5°21	6° 3	24°38	12°16	S 5
M 6	15 24 52	22°26'46	4♒14	1♉18	1♉ 8	29°31	4°17	3°R21	12°23	27° 9	9°26	5°22	6° 0	24°44	12°13	M 6
T 7	15 28 48	23°24'21	18°14	2°55	2°21	0♌ 4	4°29	3°21	12°21	27° 7	9°26	5°R22	5°57	24°51	12°10	T 7
W 8	15 32 45	24°21'56	1♓53	4°35	3°34	0°37	4°41	3°21	12°18	27° 5	9°27	5°22	5°54	24°58	12° 8	W 8
T 9	15 36 42	25°19'29	15°12	6°17	4°47	1°10	4°52	3°20	12°16	27° 4	9°28	5°22	5°51	25° 4	12° 5	T 9
F 10	15 40 38	26°17'02	28°13	8° 2	6° 0	1°43	5° 4	3°20	12°14	27° 2	9°28	5°21	5°48	25°11	12° 3	F 10
S 11	15 44 35	27°14'34	10♈58	9°48	7°13	2°16	5°16	3°20	12°11	27° 0	9°29	5°20	5°44	25°18	12° 0	S 11
S 12	15 48 31	28°12'05	23°28	11°37	8°26	2°49	5°28	3°19	12° 9	26°59	9°29	5°19	5°41	25°24	11°58	S 12
M13	15 52 28	29° 9'35	5♉46	13°28	9°39	3°22	5°40	3°18	12° 7	26°57	9°30	5°18	5°38	25°31	11°56	M13
T 14	15 56 24	0♊ 7'04	17°54	15°22	10°53	3°56	5°52	3°18	12° 4	26°56	9°30	5°17	5°35	25°38	11°54	T 14
W15	16 0 21	1° 4'32	29°54	17°17	12° 6	4°29	6° 4	3°17	12° 2	26°54	9°31	5°D17	5°32	25°44	11°52	W15
T 16	16 4 17	2° 1'59	11♊47	19°15	13°19	5° 3	6°16	3°16	11°59	26°52	9°31	5°17	5°28	25°51	11°50	T 16
F 17	16 8 14	2°59'25	23°36	21°15	14°32	5°36	6°29	3°15	11°57	26°51	9°31	5°17	5°25	25°58	11°48	F 17
S 18	16 12 11	3°56'50	5♋24	23°17	15°45	6°10	6°41	3°14	11°55	26°49	9°32	5°17	5°22	26° 4	11°47	S 18
S 19	16 16 7	4°54'14	17°12	25°21	16°58	6°44	6°53	3°12	11°52	26°48	9°32	5°R18	5°19	26°11	11°45	S 19
M20	16 20 4	5°51'37	29° 5	27°26	18°11	7°17	7° 6	3°11	11°50	26°46	9°32	5°18	5°16	26°17	11°44	M20
T 21	16 24 0	6°48'59	11♌ 6	29°33	19°24	7°51	7°18	3°10	11°47	26°44	9°33	5°17	5°13	26°24	11°42	T 21
W22	16 27 57	7°46'20	23°19	1♊41	20°37	8°25	7°31	3° 8	11°45	26°43	9°33	5°17	5° 9	26°31	11°41	W22
T 23	16 31 53	8°43'40	5♍48	3°51	21°50	8°59	7°43	3° 7	11°42	26°41	9°33	5°D17	5° 6	26°37	11°40	T 23
F 24	16 35 50	9°40'58	18°36	6° 2	23° 4	9°33	7°56	3° 5	11°40	26°40	9°33	5°17	5° 3	26°44	11°39	F 24
S 25	16 39 46	10°38'16	1♎48	8°13	24°17	10° 8	8° 8	3° 3	11°37	26°38	9°34	5°18	5° 0	26°51	11°38	S 25
S 26	16 43 43	11°35'33	15°26	10°25	25°30	10°42	8°21	3° 1	11°35	26°36	9°34	5°18	4°57	26°57	11°37	S 26
M27	16 47 40	12°32'49	29°31	12°37	26°43	11°16	8°34	2°59	11°33	26°35	9°34	5°19	4°54	27° 4	11°37	M27
T 28	16 51 36	13°30'04	14♏ 1	14°48	27°56	11°51	8°46	2°57	11°30	26°33	9°34	5°19	4°50	27°11	11°36	T 28
W29	16 55 33	14°27'18	28°52	17° 0	29° 9	12°25	8°59	2°55	11°28	26°32	9°34	5°R20	4°47	27°17	11°36	W29
T 30	16 59 29	15°24'32	13♐57	19°11	0♊23	13° 0	9°12	2°53	11°25	26°30	9°34	5°20	4°44	27°24	11°35	T 30
F 31	17 3 26	16♊21'45	29♐ 9	21♊20	1♊36	13♌34	9♋25	2♒51	11♐23	26♏29	9♓34	5♊19	4♊41	27♊31	11♎35	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	17n 9	16s40	1n21	6n33	2s55	8n17	1s33	22n33	1n42	23n39	0n10	19s56	0s27	22s24	0s 1	17s55	1n45	21s22	14s25	21n16	21n26	24n59	6s14	1s25
T 2	17 26	21 19	0s 1	7 8	2 51	8 45	1 32	22 26	1 42	23 39	0 10	19 56	0 27	22 24	0 1	17 55	1 45	21 22	14 25	21 16	21 26	25 0	6 13	1 24
F 3	17 41	24 34	1 23	7 44	2 46	9 12	1 31	22 18	1 41	23 38	0 10	19 56	0 28	22 23	0 1	17 55	1 45	21 23	14 26	21 16	21 25	25 1	6 11	1 24
S 4	17 57	26 4	2 39	8 21	2 41	9 39	1 30	22 11	1 40	23 38	0 10	19 56	0 28	22 23	0 1	17 54	1 45	21 23	14 26	21 16	21 25	25 3	6 10	1 23
S 5	18 12	25 43	3 43	8 59	2 35	10 6	1 29	22 4	1 39	23 38	0 10	19 56	0 28	22 23	0 1	17 54	1 45	21 23	14 26	21 16	21 24	25 4	6 8	1 23
M 6	18 27	23 40	4 31	9 38	2 29	10 32	1 28	21 56	1 39	23 38	0 10	19 56	0 28	22 22	0 1	17 53	1 45	21 23	14 27	21 17	21 23	25 5	6 7	1 22
T 7	18 42	20 13	5 3	10 18	2 22	10 58	1 27	21 48	1 38	23 37	0 10	19 56	0 28	22 22	0 1	17 53	1 45	21 23	14 27	21 17	21 23	25 6	6 5	1 22
W 8	18 56	15 46	5 16	10 59	2 15	11 24	1 26	21 40	1 37	23 37	0 10	19 56	0 28	22 22	0 1	17 53	1 45	21 23	14 27	21 17	21 22	25 7	6 4	1 21
T 9	19 10	10 39	5 12	11 40	2 7	11 50	1 25	21 32	1 36	23 37	0 10	19 56	0 28	22 22	0 1	17 52	1 45	21 23	14 28	21 17	21 22	25 8	6 2	1 21
F 10	19 24	5 10	4 52	12 21	1 59	12 16	1 23	21 24	1 36	23 36	0 10	19 57	0 28	22 21	0 1	17 52	1 45	21 23	14 28	21 16	21 21	25 9	6 1	1 20
S 11	19 37	0n24	4 18	13 4	1 51	12 41	1 22	21 16	1 35	23 36	0 11	19 57	0 29	22 21	0 1	17 52	1 45	21 23	14 28	21 16	21 21	25 10	5 59	1 20
S 12	19 50	5 52	3 32	13 46	1 42	13 6	1 20	21 8	1 34	23 36	0 11	19 57	0 29	22 21	0 1	17 51	1 45	21 23	14 29	21 16	21 20	25 11	5 58	1 20
M13	20 3	11 2	2 37	14 29	1 32	13 31	1 19	20 59	1 33	23 35	0 11	19 57	0 29	22 20	0 1	17 51	1 45	21 24	14 29	21 16	21 19	25 12	5 57	1 19
T 14	20 15	15 43	1 35	15 11	1 22	13 55	1 17	20 51	1 33	23 35	0 11	19 58	0 29	22 20	0 1	17 51	1 45	21 24	14 30	21 16	21 19	25 13	5 56	1 19
W15	20 27	19 43	0 30	15 54	1 12	14 19	1 16	20 42	1 32	23 34	0 11	19 58	0 29	22 20	0 1	17 50	1 45	21 24	14 30	21 16	21 18	25 14	5 54	1 18
T 16	20 39	22 53	0n36	16 37	1 2	14 43	1 14	20 33	1 31	23 34	0 11	19 58	0 29	22 19	0 1	17 50	1 45	21 24	14 30	21 16	21 18	25 16	5 53	1 18
F 17	20 50	25 2	1 40	17 19	0 52	15 6	1 12	20 24	1 31	23 33	0 11	19 59	0 29	22 19	0 1	17 49	1 45	21 24	14 31	21 16	21 17	25 17	5 52	1 17
S 18	21 1	26 5	2 40	18 0	0 41	15 29	1 11	20 15	1 30	23 33	0 11	19 59	0 29	22 19	0 1	17 49	1 45	21 24	14 31	21 16	21 17	25 18	5 51	1 17
S 19	21 12	25 56	3 32	18 41	0 30	15 52	1 9	20 6	1 29	23 32	0 11	20 0	0 30	22 19	0 1	17 49	1 45	21 25	14 31	21 16	21 16	25 19	5 50	1 16
M20	21 22	24 36	4 17	19 21	0 19	16 14	1 7	19 57	1 28	23 32	0 11	20 0	0 30	22 18	0 1	17 48	1 45	21 25	14 32	21 16	21 16	25 20	5 49	1 16
T 21	21 32	22 9	4 50	20 0	0 8	16 36	1 5	19 47	1 28	23 31	0 11	20 0	0 30	22 18	0 1	17 48	1 45	21 25	14 32	21 16	21 15	25 21	5 48	1 15
W22	21 41	18 41	5 11	20 37	0n 2	16 58	1 3	19 37	1 27	23 30	0 11	20 1	0 30	22 18	0 1	17 48	1 45	21 25	14 32	21 16	21 14	25 22	5 47	1 15
T 23	21 50	14 20	5 18	21 13	0 13	17 19	1 1	19 28	1 26	23 30	0 12	20 1	0 30	22 17	0 1	17 47	1 45	21 25	14 33	21 16	21 14	25 23	5 46	1 15
F 24	21 59	9 15	5 9	21 47	0 23	17 39	0 59	19 18	1 26	23 29	0 12	20 2	0 30	22 17	0 1	17 47	1 45	21 26	14 33	21 16	21 13	25 24	5 46	1 14
S 25	22 8	3 37	4 44	22 19	0 34	17 59	0 57	19 8	1 25	23 28	0 12	20 2	0 30	22 17	0 1	17 47	1 45	21 26	14 34	21 16	21 13	25 25	5 45	1 14
S 26	22 16	2s22	4 3	22 49	0 43	18 19	0 55	18 58	1 24	23 28	0 12	20 3	0 30	22 16	0 1	17 46	1 45	21 26	14 34	21 16	21 12	25 26	5 44	1 13
M27	22 23	8 26	3 6	23 16	0 53	18 38	0 53	18 48	1 23	23 27	0 12	20 4	0 31	22 16	0 1	17 46	1 45	21 27	14 34	21 16	21 12	25 27	5 43	1 13
T 28	22 30	14 16	1 56	23 41	1 2	18 57	0 51	18 38	1 23	23 26	0 12	20 4	0 31	22 16	0 1	17 46	1 45	21 27	14 35	21 16	21 11	25 28	5 43	1 12
W29	22 37	19 24	0 36	24 3	1 10	19 15	0 49	18 27	1 22	23 25	0 12	20 5	0 31	22 15	0 1	17 45	1 45	21 27	14 35	21 16	21 10	25 28	5 42	1 12
T 30	22 44	23 21	0s48	24 23	1 18	19 33	0 46	18 17	1 21	23 25	0 12	20 5	0 31	22 15	0 1	17 45	1 45	21 27	14 35	21 16	21 10	25 29	5 42	1 11
F 31	22n50	25s40	2s 8	24n39	1n25	19n50	0s44	18n 6	1n21	23n24	0n12	20s 6	0s31	22s15	0s 1	17s45	1n45	21s28	14s36	21n16	21n 9	25n30	5s41	1s11

Julian Day Number = 2201116.5, Delta T = 10m02s
Ecliptic obliquity = 23°31'46, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°10'38, Lahiri = 14°17'38 Julian Calendar 1 May 1314 == Greg. Calendar 9 May 1314

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1314
geocentric

JUNE 1314 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	17 7 22	17♊18'58	14♉16	23♊29	2♊49	14♌ 9	9♋38	2°R48	11°R20	26°R27	9♓34	5°R18	4♊38	27♊37	11°R35	S 1
S 2	17 11 19	18°16'10	29°12	25°37	4° 2	14°44	9°51	2♒46	11♐18	26♏26	9°R34	5♊16	4°34	27°44	11°D35	S 2
M 3	17 15 15	19°13'22	13♒47	27°43	5°15	15°18	10° 4	2°43	11°15	26°24	9°34	5°15	4°31	27°51	11♎35	M 3
T 4	17 19 12	20°10'34	27°58	29°47	6°29	15°53	10°17	2°41	11°13	26°23	9°34	5°14	4°28	27°57	11°35	T 4
W 5	17 23 9	21° 7'46	11♓43	1♋50	7°42	16°28	10°30	2°38	11°11	26°21	9°34	5°13	4°25	28° 4	11°35	W 5
T 6	17 27 5	22° 4'58	25° 2	3°51	8°55	17° 3	10°43	2°35	11° 8	26°20	9°34	5°D13	4°22	28°11	11°36	T 6
F 7	17 31 2	23° 2'10	7♈58	5°50	10° 9	17°38	10°56	2°32	11° 6	26°19	9°34	5°13	4°19	28°17	11°36	F 7
S 8	17 34 58	23°59'21	20°34	7°47	11°22	18°13	11° 9	2°29	11° 3	26°17	9°34	5°14	4°15	28°24	11°37	S 8
S 9	17 38 55	24°56'33	2♉53	9°41	12°35	18°49	11°22	2°26	11° 1	26°16	9°34	5°16	4°12	28°31	11°37	S 9
M10	17 42 51	25°53'45	15° 0	11°34	13°49	19°24	11°35	2°23	10°59	26°14	9°34	5°17	4° 9	28°37	11°38	M10
T 11	17 46 48	26°50'57	26°57	13°25	15° 2	19°59	11°48	2°20	10°56	26°13	9°33	5°18	4° 6	28°44	11°39	T 11
W12	17 50 44	27°48'08	8♊49	15°14	16°16	20°35	12° 1	2°17	10°54	26°12	9°33	5°R18	4° 3	28°51	11°40	W12
T 13	17 54 41	28°45'20	20°37	17° 0	17°29	21°10	12°15	2°14	10°52	26°10	9°33	5°17	4° 0	28°57	11°42	T 13
F 14	17 58 38	29°42'32	2♋25	18°44	18°42	21°46	12°28	2°10	10°49	26° 9	9°33	5°15	3°56	29° 4	11°43	F 14
S 15	18 2 34	0♋39'44	14°14	20°27	19°56	22°21	12°41	2° 7	10°47	26° 8	9°32	5°12	3°53	29°11	11°44	S 15
S 16	18 6 31	1°36'55	26° 6	22° 7	21° 9	22°57	12°54	2° 4	10°45	26° 7	9°32	5° 8	3°50	29°17	11°46	S 16
M17	18 10 27	2°34'07	8♌ 5	23°45	22°23	23°32	13° 8	2° 0	10°43	26° 5	9°32	5° 3	3°47	29°24	11°47	M17
T 18	18 14 24	3°31'18	20°11	25°20	23°36	24° 8	13°21	1°56	10°40	26° 4	9°31	4°59	3°44	29°31	11°49	T 18
W19	18 18 20	4°28'29	2♍28	26°54	24°50	24°44	13°34	1°53	10°38	26° 3	9°31	4°55	3°40	29°37	11°51	W19
T 20	18 22 17	5°25'40	14°59	28°26	26° 3	25°20	13°48	1°49	10°36	26° 2	9°31	4°52	3°37	29°44	11°53	T 20
F 21	18 26 14	6°22'51	27°46	29°55	27°17	25°56	14° 1	1°45	10°34	26° 1	9°30	4°50	3°34	29°51	11°55	F 21
S 22	18 30 10	7°20'02	10♎53	1♌22	28°31	26°32	14°14	1°41	10°32	26° 0	9°30	4°D50	3°31	29°57	11°57	S 22
S 23	18 34 7	8°17'13	24°23	2°47	29°44	27° 8	14°28	1°38	10°30	25°58	9°29	4°51	3°28	0♋ 4	11°59	S 23
M24	18 38 3	9°14'24	8♏17	4° 9	0♋58	27°44	14°41	1°34	10°28	25°57	9°29	4°52	3°25	0°11	12° 2	M24
T 25	18 42 0	10°11'34	22°36	5°30	2°11	28°20	14°54	1°30	10°26	25°56	9°28	4°54	3°21	0°17	12° 4	T 25
W26	18 45 56	11° 8'45	7♐18	6°48	3°25	28°56	15° 8	1°26	10°24	25°55	9°28	4°R54	3°18	0°24	12° 7	W26
T 27	18 49 53	12° 5'57	22°18	8° 3	4°39	29°33	15°21	1°22	10°22	25°54	9°27	4°53	3°15	0°31	12° 9	T 27
F 28	18 53 49	13° 3'08	7♑29	9°16	5°52	0♍ 9	15°35	1°17	10°20	25°53	9°27	4°50	3°12	0°37	12°12	F 28
S 29	18 57 46	14° 0'20	22°42	10°27	7° 6	0°45	15°48	1°13	10°18	25°52	9°26	4°46	3° 9	0°44	12°15	S 29
S 30	19 1 43	14♋57'32	7♒46	11♌35	8♋20	1♍22	16♋ 1	1♒ 9	10♐16	25♏51	9♓25	4♊40	3♊ 6	0♋50	12♎18	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n55	26s 4	3s20	24n53	1n31	20n 7	0s42	17n55	1n20	23n23	0n12	20s 7	0s31	22s14	0s 1	17s44	1n45	21s28	14s36	21n16	21n 9	25n31	5s41	1s10
S 2	23 1	24 34	4 16	25 4	1 37	20 23	0 40	17 44	1 19	23 22	0 12	20 7	0 31	22 14	0 1	17 44	1 45	21 28	14 36	21 16	21 8	25 32	5 40	1 10
M 3	23 5	21 27	4 55	25 13	1 42	20 39	0 37	17 33	1 19	23 21	0 12	20 8	0 31	22 14	0 1	17 44	1 45	21 29	14 37	21 15	21 7	25 33	5 40	1 9
T 4	23 10	17 8	5 14	25 18	1 46	20 54	0 35	17 22	1 18	23 20	0 13	20 9	0 32	22 13	0 1	17 43	1 45	21 29	14 37	21 15	21 7	25 34	5 39	1 9
W 5	23 14	12 2	5 14	25 21	1 50	21 8	0 33	17 11	1 17	23 19	0 13	20 10	0 32	22 13	0 1	17 43	1 45	21 29	14 38	21 15	21 6	25 35	5 39	1 9
T 6	23 17	6 32	4 58	25 21	1 53	21 22	0 30	17 0	1 17	23 18	0 13	20 10	0 32	22 13	0 1	17 43	1 44	21 30	14 38	21 15	21 6	25 36	5 39	1 8
F 7	23 21	0 54	4 26	25 19	1 55	21 35	0 28	16 49	1 16	23 17	0 13	20 11	0 32	22 12	0 1	17 42	1 44	21 30	14 38	21 15	21 5	25 37	5 39	1 8
S 8	23 24	4n37	3 43	25 14	1 56	21 48	0 26	16 37	1 15	23 16	0 13	20 12	0 32	22 12	0 1	17 42	1 44	21 31	14 39	21 15	21 5	25 38	5 38	1 7
S 9	23 26	9 52	2 50	25 7	1 57	22 0	0 23	16 25	1 15	23 15	0 13	20 13	0 32	22 12	0 1	17 42	1 44	21 31	14 39	21 16	21 4	25 39	5 38	1 7
M10	23 28	14 39	1 50	24 58	1 57	22 12	0 21	16 14	1 14	23 14	0 13	20 14	0 32	22 11	0 1	17 42	1 44	21 31	14 39	21 16	21 3	25 39	5 38	1 6
T 11	23 29	18 48	0 46	24 47	1 56	22 23	0 18	16 2	1 13	23 13	0 13	20 14	0 32	22 11	0 1	17 41	1 44	21 32	14 40	21 16	21 3	25 40	5 38	1 6
W12	23 31	22 10	0n19	24 34	1 55	22 33	0 16	15 50	1 13	23 12	0 13	20 15	0 33	22 11	0 1	17 41	1 44	21 32	14 40	21 16	21 2	25 41	5 38	1 5
T 13	23 31	24 35	1 23	24 19	1 53	22 43	0 14	15 38	1 12	23 11	0 13	20 16	0 33	22 10	0 1	17 41	1 44	21 33	14 40	21 16	21 2	25 42	5 38	1 5
F 14	23 32	25 54	2 24	24 2	1 50	22 52	0 11	15 26	1 11	23 10	0 13	20 17	0 33	22 10	0 1	17 41	1 44	21 33	14 41	21 15	21 1	25 43	5 38	1 5
S 15	23 32	26 3	3 18	23 44	1 47	23 0	0 9	15 13	1 11	23 9	0 13	20 18	0 33	22 10	0 1	17 40	1 44	21 33	14 41	21 15	21 0	25 44	5 38	1 4
S 16	23 31	25 0	4 4	23 24	1 43	23 8	0 6	15 1	1 10	23 8	0 14	20 19	0 33	22 10	0 1	17 40	1 44	21 34	14 42	21 14	21 0	25 45	5 39	1 4
M17	23 30	22 48	4 39	23 3	1 39	23 15	0 4	14 49	1 9	23 6	0 14	20 20	0 33	22 9	0 1	17 40	1 44	21 34	14 42	21 13	20 59	25 45	5 39	1 3
T 18	23 29	19 35	5 3	22 41	1 34	23 21	0 1	14 36	1 9	23 5	0 14	20 21	0 33	22 9	0 1	17 40	1 44	21 35	14 42	21 12	20 59	25 46	5 39	1 3
W19	23 27	15 29	5 13	22 18	1 28	23 27	0n 1	14 24	1 8	23 4	0 14	20 22	0 33	22 9	0 1	17 39	1 44	21 35	14 43	21 12	20 58	25 47	5 39	1 2
T 20	23 25	10 40	5 8	21 53	1 22	23 32	0 3	14 11	1 7	23 3	0 14	20 22	0 34	22 8	0 1	17 39	1 44	21 36	14 43	21 11	20 57	25 48	5 40	1 2
F 21	23 22	5 18	4 48	21 28	1 15	23 36	0 6	13 58	1 7	23 1	0 14	20 23	0 34	22 8	0 1	17 39	1 44	21 36	14 43	21 11	20 57	25 49	5 40	1 1
S 22	23 20	0s26	4 13	21 2	1 8	23 39	0 8	13 45	1 6	23 0	0 14	20 24	0 34	22 8	0 1	17 39	1 44	21 37	14 44	21 11	20 56	25 50	5 41	1 1
S 23	23 16	6 20	3 23	20 36	1 0	23 42	0 11	13 32	1 5	22 59	0 14	20 25	0 34	22 7	0 1	17 38	1 44	21 37	14 44	21 11	20 56	25 50	5 41	1 1
M24	23 12	12 6	2 20	20 8	0 52	23 45	0 13	13 19	1 5	22 57	0 14	20 26	0 34	22 7	0 1	17 38	1 44	21 38	14 44	21 11	20 55	25 51	5 42	1 0
T 25	23 8	17 25	1 7	19 41	0 44	23 46	0 15	13 6	1 4	22 56	0 14	20 27	0 34	22 7	0 1	17 38	1 44	21 38	14 45	21 12	20 54	25 52	5 42	1 0
W26	23 4	21 50	0s13	19 12	0 35	23 47	0 18	12 52	1 3	22 54	0 14	20 28	0 34	22 7	0 1	17 38	1 44	21 39	14 45	21 12	20 54	25 53	5 43	0 59
T 27	22 59	24 52	1 33	18 44	0 25	23 47	0 20	12 39	1 3	22 53	0 15	20 29	0 34	22 6	0 1	17 38	1 44	21 39	14 45	21 11	20 53	25 53	5 44	0 59
F 28	22 53	26 7	2 48	18 15	0 16	23 46	0 22	12 26	1 2	22 52	0 15	20 30	0 34	22 6	0 1	17 37	1 44	21 40	14 46	21 11	20 52	25 54	5 44	0 58
S 29	22 47	25 24	3 51	17 46	0 5	23 45	0 25	12 12	1 1	22 50	0 15	20 31	0 35	22 6	0 1	17 37	1 44	21 40	14 46	21 10	20 52	25 55	5 45	0 58
S 30	22n41	22s51	4s37	17n18	0s 5	23n43	0n27	11n58	1n 1	22n49	0n15	20s32	0s35	22s 5	0s 1	17s37	1n44	21s41	14s46	21n 9	20n51	25n56	5s46	0s58

Julian Day Number = 2201147.5, Delta T = 10m02s
Ecliptic obliquity = 23°31'45, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°10'42, Lahiri = 14°17'42 Julian Calendar 1 June 1314 == Greg. Calendar 9 June 1314

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ASTRODIENST EPHEMERIS for the year 1314
geocentric

JULY 1314 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	19 5 39	15♋54'45	22♒32	12♌40	9♋33	1♍58	16♋15	1°R 5	10°R14	25°R51	9°R25	4°R34	3♊ 2	0♋57	12♎21	M 1
T 2	19 9 36	16°51'58	6♓53	13°43	10°47	2°35	16°28	1♒ 1	10♐12	25♏50	9♓24	4♊29	2°59	1° 4	12°24	T 2
W 3	19 13 32	17°49'12	20°46	14°42	12° 1	3°12	16°42	0°56	10°11	25°49	9°23	4°24	2°56	1°10	12°28	W 3
T 4	19 17 29	18°46'27	4♈10	15°39	13°15	3°48	16°55	0°52	10° 9	25°48	9°23	4°22	2°53	1°17	12°31	T 4
F 5	19 21 25	19°43'43	17° 7	16°33	14°28	4°25	17° 8	0°48	10° 7	25°47	9°22	4°D20	2°50	1°24	12°35	F 5
S 6	19 25 22	20°41'00	29°41	17°23	15°42	5° 2	17°22	0°43	10° 5	25°46	9°21	4°21	2°46	1°30	12°38	S 6
S 7	19 29 18	21°38'17	11♉57	18°10	16°56	5°39	17°35	0°39	10° 4	25°46	9°21	4°22	2°43	1°37	12°42	S 7
M 8	19 33 15	22°35'36	23°58	18°54	18°10	6°15	17°49	0°35	10° 2	25°45	9°20	4°23	2°40	1°44	12°46	M 8
T 9	19 37 12	23°32'56	5♊51	19°34	19°24	6°52	18° 2	0°30	10° 1	25°44	9°19	4°R24	2°37	1°50	12°50	T 9
W10	19 41 8	24°30'16	17°39	20°10	20°38	7°29	18°15	0°26	9°59	25°44	9°18	4°23	2°34	1°57	12°53	W10
T 11	19 45 5	25°27'38	29°26	20°42	21°52	8° 6	18°29	0°21	9°58	25°43	9°17	4°19	2°31	2° 4	12°58	T 11
F 12	19 49 1	26°25'00	11♋15	21°10	23° 6	8°44	18°42	0°17	9°56	25°42	9°17	4°14	2°27	2°10	13° 2	F 12
S 13	19 52 58	27°22'24	23° 9	21°34	24°19	9°21	18°55	0°12	9°55	25°42	9°16	4° 7	2°24	2°17	13° 6	S 13
S 14	19 56 54	28°19'48	5♌ 9	21°53	25°33	9°58	19° 9	0° 8	9°53	25°41	9°15	3°57	2°21	2°24	13°10	S 14
M15	20 0 51	29°17'13	17°17	22° 7	26°47	10°35	19°22	0° 4	9°52	25°41	9°14	3°47	2°18	2°30	13°15	M15
T 16	20 4 47	0♌14'39	29°35	22°17	28° 1	11°13	19°35	29♑59	9°51	25°40	9°13	3°37	2°15	2°37	13°19	T 16
W17	20 8 44	1°12'06	12♍ 2	22°R21	29°15	11°50	19°48	29°55	9°50	25°40	9°12	3°28	2°12	2°44	13°24	W17
T 18	20 12 41	2° 9'34	24°42	22°21	0♌30	12°28	20° 2	29°50	9°48	25°39	9°11	3°20	2° 8	2°50	13°29	T 18
F 19	20 16 37	3° 7'02	7♎35	22°15	1°44	13° 5	20°15	29°46	9°47	25°39	9°10	3°15	2° 5	2°57	13°34	F 19
S 20	20 20 34	4° 4'31	20°43	22° 3	2°58	13°43	20°28	29°41	9°46	25°39	9° 9	3°12	2° 2	3° 4	13°38	S 20
S 21	20 24 30	5° 2'01	4♏ 8	21°47	4°12	14°20	20°41	29°37	9°45	25°38	9° 8	3°D11	1°59	3°10	13°43	S 21
M22	20 28 27	5°59'32	17°54	21°25	5°26	14°58	20°54	29°32	9°44	25°38	9° 7	3°12	1°56	3°17	13°48	M22
T 23	20 32 23	6°57'03	2♐ 0	20°58	6°40	15°36	21° 7	29°28	9°43	25°38	9° 6	3°R12	1°52	3°24	13°54	T 23
W24	20 36 20	7°54'36	16°26	20°26	7°54	16°14	21°21	29°23	9°42	25°37	9° 5	3°12	1°49	3°30	13°59	W24
T 25	20 40 16	8°52'09	1♑10	19°49	9° 8	16°51	21°34	29°19	9°41	25°37	9° 4	3° 9	1°46	3°37	14° 4	T 25
F 26	20 44 13	9°49'44	16° 6	19° 9	10°22	17°29	21°47	29°15	9°40	25°37	9° 3	3° 4	1°43	3°44	14°10	F 26
S 27	20 48 10	10°47'20	1♒ 8	18°24	11°37	18° 7	22° 0	29°10	9°40	25°37	9° 2	2°56	1°40	3°50	14°15	S 27
S 28	20 52 6	11°44'57	16° 5	17°37	12°51	18°45	22°13	29° 6	9°39	25°37	9° 1	2°47	1°37	3°57	14°21	S 28
M29	20 56 3	12°42'35	0♓49	16°47	14° 5	19°23	22°26	29° 2	9°38	25°37	9° 0	2°37	1°33	4° 4	14°26	M29
T 30	20 59 59	13°40'14	15°12	15°57	15°19	20° 1	22°39	28°57	9°38	25°37	8°59	2°27	1°30	4°10	14°32	T 30
W31	21 3 56	14♌37'55	29♓ 8	15♌ 5	16♌33	20♍40	22♋51	28♑53	9♐37	25°D37	8♓58	2♊18	1♊27	4♋17	14♎38	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	22n35	18s49	5s 3	16n49	0s16	23n40	0n29	11n45	1n 0	22n47	0n15	20s33	0s35	22s 5	0s 1	17s37	1n43	21s41	14s47	21n 8	20n51	25n56	5s47	0s57
T 2	22 28	13 48	5 10	16 20	0 27	23 37	0 31	11 31	0 59	22 45	0 15	20 34	0 35	22 5	0 1	17 37	1 43	21 42	14 47	21 7	20 50	25 57	5 47	0 57
W 3	22 20	8 13	4 57	15 52	0 39	23 32	0 34	11 17	0 59	22 44	0 15	20 36	0 35	22 5	0 1	17 37	1 43	21 42	14 47	21 6	20 49	25 58	5 48	0 56
T 4	22 12	2 27	4 29	15 24	0 50	23 28	0 36	11 3	0 58	22 42	0 15	20 37	0 35	22 4	0 1	17 36	1 43	21 43	14 47	21 6	20 49	25 59	5 49	0 56
F 5	22 4	3n15	3 48	14 57	1 2	23 22	0 38	10 49	0 57	22 41	0 15	20 38	0 35	22 4	0 1	17 36	1 43	21 43	14 48	21 5	20 48	25 59	5 50	0 56
S 6	21 56	8 39	2 57	14 30	1 15	23 16	0 40	10 35	0 57	22 39	0 15	20 39	0 35	22 4	0 1	17 36	1 43	21 44	14 48	21 6	20 48	26 0	5 51	0 55
S 7	21 47	13 36	1 58	14 4	1 27	23 9	0 42	10 21	0 56	22 37	0 15	20 40	0 35	22 4	0 1	17 36	1 43	21 45	14 48	21 6	20 47	26 1	5 52	0 55
M 8	21 38	17 56	0 56	13 38	1 40	23 1	0 44	10 7	0 56	22 36	0 16	20 41	0 35	22 4	0 1	17 36	1 43	21 45	14 49	21 6	20 46	26 1	5 54	0 54
T 9	21 28	21 30	0n 8	13 14	1 53	22 53	0 46	9 52	0 55	22 34	0 16	20 42	0 36	22 3	0 1	17 36	1 43	21 46	14 49	21 6	20 46	26 2	5 55	0 54
W10	21 18	24 8	1 11	12 50	2 5	22 44	0 48	9 38	0 54	22 32	0 16	20 43	0 36	22 3	0 1	17 36	1 43	21 46	14 49	21 6	20 45	26 3	5 56	0 54
T 11	21 8	25 42	2 11	12 28	2 18	22 34	0 50	9 23	0 54	22 31	0 16	20 44	0 36	22 3	0 1	17 36	1 43	21 47	14 49	21 5	20 44	26 3	5 57	0 53
F 12	20 57	26 7	3 5	12 6	2 31	22 24	0 52	9 9	0 53	22 29	0 16	20 45	0 36	22 3	0 1	17 36	1 43	21 47	14 50	21 4	20 44	26 4	5 58	0 53
S 13	20 46	25 20	3 51	11 47	2 44	22 13	0 54	8 54	0 52	22 27	0 16	20 46	0 36	22 2	0 1	17 35	1 43	21 48	14 50	21 3	20 43	26 5	6 0	0 52
S 14	20 34	23 22	4 28	11 29	2 57	22 1	0 56	8 39	0 52	22 25	0 16	20 47	0 36	22 2	0 1	17 35	1 43	21 49	14 50	21 1	20 43	26 5	6 1	0 52
M15	20 23	20 21	4 52	11 12	3 10	21 49	0 57	8 25	0 51	22 24	0 16	20 48	0 36	22 2	0 1	17 35	1 43	21 49	14 51	20 59	20 42	26 6	6 2	0 52
T 16	20 10	16 24	5 4	10 57	3 22	21 36	0 59	8 10	0 50	22 22	0 16	20 49	0 36	22 2	0 1	17 35	1 43	21 50	14 51	20 57	20 41	26 7	6 4	0 51
W17	19 58	11 42	5 1	10 45	3 34	21 22	1 1	7 55	0 50	22 20	0 16	20 50	0 36	22 2	0 1	17 35	1 43	21 50	14 51	20 56	20 41	26 7	6 5	0 51
T 18	19 45	6 27	4 44	10 34	3 45	21 8	1 2	7 40	0 49	22 18	0 17	20 51	0 36	22 2	0 1	17 35	1 43	21 51	14 51	20 54	20 40	26 8	6 7	0 50
F 19	19 32	0 51	4 12	10 26	3 56	20 53	1 4	7 25	0 48	22 16	0 17	20 52	0 36	22 1	0 1	17 35	1 42	21 51	14 51	20 53	20 39	26 8	6 8	0 50
S 20	19 19	4s56	3 27	10 19	4 6	20 38	1 5	7 10	0 48	22 14	0 17	20 53	0 36	22 1	0 1	17 35	1 42	21 52	14 52	20 53	20 39	26 9	6 10	0 50
S 21	19 5	10 37	2 29	10 16	4 16	20 22	1 7	6 55	0 47	22 13	0 17	20 54	0 37	22 1	0 1	17 35	1 42	21 53	14 52	20 52	20 38	26 10	6 11	0 49
M22	18 51	15 56	1 21	10 15	4 24	20 5	1 8	6 40	0 47	22 11	0 17	20 55	0 37	22 1	0 1	17 35	1 42	21 53	14 52	20 52	20 38	26 10	6 13	0 49
T 23	18 36	20 32	0 6	10 16	4 31	19 48	1 10	6 24	0 46	22 9	0 17	20 56	0 37	22 1	0 1	17 35	1 42	21 54	14 52	20 53	20 37	26 11	6 15	0 48
W24	18 22	24 0	1s10	10 21	4 37	19 30	1 11	6 9	0 45	22 7	0 17	20 57	0 37	22 1	0 1	17 35	1 42	21 54	14 53	20 52	20 36	26 11	6 16	0 48
T 25	18 7	25 55	2 23	10 28	4 42	19 12	1 12	5 54	0 45	22 5	0 17	20 58	0 37	22 1	0 1	17 35	1 42	21 55	14 53	20 52	20 36	26 12	6 18	0 48
F 26	17 51	25 59	3 27	10 37	4 45	18 53	1 14	5 38	0 44	22 3	0 17	20 59	0 37	22 0	0 1	17 35	1 42	21 56	14 53	20 51	20 35	26 13	6 20	0 47
S 27	17 36	24 10	4 18	10 49	4 47	18 34	1 15	5 23	0 43	22 1	0 18	21 0	0 37	22 0	0 1	17 35	1 42	21 56	14 53	20 50	20 34	26 13	6 22	0 47
S 28	17 20	20 41	4 50	11 4	4 46	18 14	1 16	5 7	0 43	21 59	0 18	21 1	0 37	22 0	0 1	17 35	1 42	21 57	14 53	20 48	20 34	26 14	6 23	0 47
M29	17 3	15 55	5 2	11 21	4 44	17 53	1 17	4 52	0 42	21 57	0 18	21 2	0 37	22 0	0 1	17 35	1 42	21 57	14 54	20 46	20 33	26 14	6 25	0 46
T 30	16 47	10 23	4 55	11 39	4 40	17 32	1 18	4 36	0 41	21 55	0 18	21 3	0 37	22 0	0 1	17 35	1 42	21 58	14 54	20 44	20 32	26 15	6 27	0 46
W31	16n30	4s28	4s30	12n 0	4s34	17n11	1n19	4n20	0n41	21n53	0n18	21s 4	0s37	22s 0	0s 1	17s35	1n42	21s59	14s54	20n42	20n32	26n15	6s29	0s45

Julian Day Number = 2201177.5, Delta T = 10m02s
Ecliptic obliquity = 23°31'46, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°10'46, Lahiri = 14°17'47 Julian Calendar 1 July 1314 == Greg. Calendar 9 July 1314

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ASTRODIENST EPHEMERIS for the year 1314
geocentric

AUGUST 1314 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	21 7 52	15♌35'38	12♈36	14°R15	17♌48	21♍18	23♋ 4	28°R49	9°R36	25♏37	8°R57	2°R12	1♊24	4♋24	14♎44	T 1
F 2	21 11 49	16°33'22	25°37	13♌26	19° 2	21°56	23°17	28♉45	9♐36	25°37	8♓56	2♊ 8	1°21	4°30	14°49	F 2
S 3	21 15 45	17°31'08	8♉13	12°39	20°16	22°34	23°30	28°41	9°36	25°37	8°55	2° 6	1°17	4°37	14°55	S 3
S 4	21 19 42	18°28'55	20°29	11°57	21°30	23°13	23°43	28°37	9°35	25°37	8°53	2°D 6	1°14	4°44	15° 2	S 4
M 5	21 23 39	19°26'45	2♊30	11°18	22°45	23°51	23°55	28°33	9°35	25°37	8°52	2°R 6	1°11	4°50	15° 8	M 5
T 6	21 27 35	20°24'36	14°22	10°46	23°59	24°30	24° 8	28°29	9°34	25°37	8°51	2° 6	1° 8	4°57	15°14	T 6
W 7	21 31 32	21°22'29	26°10	10°19	25°13	25° 8	24°20	28°25	9°34	25°38	8°50	2° 4	1° 5	5° 4	15°20	W 7
T 8	21 35 28	22°20'24	7♋58	9°59	26°28	25°47	24°33	28°21	9°34	25°38	8°49	1°59	1° 2	5°10	15°27	T 8
F 9	21 39 25	23°18'20	19°51	9°47	27°42	26°26	24°46	28°17	9°34	25°38	8°48	1°52	0°58	5°17	15°33	F 9
S 10	21 43 21	24°16'18	1♌52	9°D43	28°57	27° 4	24°58	28°13	9°34	25°38	8°46	1°42	0°55	5°24	15°40	S 10
S 11	21 47 18	25°14'18	14° 2	9°46	0♍11	27°43	25°10	28° 9	9°D34	25°39	8°45	1°29	0°52	5°30	15°46	S 11
M12	21 51 14	26°12'20	26°24	9°58	1°25	28°22	25°23	28° 6	9°34	25°39	8°44	1°16	0°49	5°37	15°53	M12
T 13	21 55 11	27°10'23	8♍57	10°18	2°40	29° 1	25°35	28° 2	9°34	25°40	8°43	1° 3	0°46	5°44	15°59	T 13
W14	21 59 8	28° 8'27	21°41	10°46	3°54	29°40	25°47	27°58	9°34	25°40	8°42	0°50	0°43	5°50	16° 6	W14
T 15	22 3 4	29° 6'34	4♎37	11°22	5° 9	0♎19	26° 0	27°55	9°34	25°40	8°40	0°40	0°39	5°57	16°13	T 15
F 16	22 7 1	0♍ 4'41	17°44	12° 7	6°23	0°58	26°12	27°52	9°34	25°41	8°39	0°33	0°36	6° 4	16°20	F 16
S 17	22 10 57	1° 2'51	1♏ 3	12°59	7°38	1°37	26°24	27°48	9°35	25°41	8°38	0°28	0°33	6°11	16°27	S 17
S 18	22 14 54	2° 1'02	14°34	13°58	8°52	2°16	26°36	27°45	9°35	25°42	8°37	0°26	0°30	6°17	16°34	S 18
M19	22 18 50	2°59'14	28°18	15° 4	10° 7	2°56	26°48	27°42	9°35	25°43	8°35	0°26	0°27	6°24	16°41	M19
T 20	22 22 47	3°57'28	12♐16	16°17	11°21	3°35	27° 0	27°38	9°36	25°43	8°34	0°26	0°23	6°31	16°48	T 20
W21	22 26 43	4°55'43	26°28	17°36	12°36	4°14	27°12	27°35	9°36	25°44	8°33	0°25	0°20	6°37	16°55	W21
T 22	22 30 40	5°54'00	10♑53	19° 1	13°50	4°54	27°23	27°32	9°37	25°45	8°32	0°22	0°17	6°44	17° 2	T 22
F 23	22 34 37	6°52'19	25°28	20°30	15° 5	5°33	27°35	27°29	9°37	25°45	8°31	0°16	0°14	6°51	17°10	F 23
S 24	22 38 33	7°50'39	10♒ 7	22° 4	16°19	6°13	27°47	27°27	9°38	25°46	8°29	0° 7	0°11	6°57	17°17	S 24
S 25	22 42 30	8°49'01	24°44	23°41	17°34	6°52	27°58	27°24	9°39	25°47	8°28	29♉57	0° 8	7° 4	17°24	S 25
M26	22 46 26	9°47'25	9♓12	25°22	18°48	7°32	28°10	27°21	9°39	25°48	8°27	29°45	0° 4	7°11	17°32	M26
T 27	22 50 23	10°45'50	23°23	27° 6	20° 3	8°12	28°21	27°18	9°40	25°49	8°26	29°34	0° 1	7°17	17°39	T 27
W28	22 54 19	11°44'17	7♈12	28°52	21°17	8°51	28°33	27°16	9°41	25°50	8°24	29°24	29♉58	7°24	17°47	W28
T 29	22 58 16	12°42'47	20°37	0♍40	22°32	9°31	28°44	27°13	9°42	25°50	8°23	29°17	29°55	7°31	17°54	T 29
F 30	23 2 12	13°41'18	3♉37	2°29	23°46	10°11	28°55	27°11	9°43	25°51	8°22	29°12	29°52	7°37	18° 2	F 30
S 31	23 6 9	14♍39'52	16♉14	4♍20	25♍ 1	10♎51	29♋ 6	27♑ 9	9♐44	25♏52	8♓21	29♉ 9	29♉49	7♋44	18♎ 9	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	16n13	1n27	3s51	12n22	4s26	16n49	1n20	4n 5	0n40	21n51	0n18	21s 5	0s37	22s 0	0s 1	17s35	1n42	21s59	14s54	20n41	20n31	26n16	6s31	0s45
F 2	15 56	7 8	3 1	12 45	4 17	16 27	1 20	3 49	0 40	21 49	0 18	21 6	0 37	22 0	0 1	17 35	1 42	22 0	14 54	20 40	20 30	26 16	6 33	0 45
S 3	15 38	12 21	2 3	13 9	4 6	16 4	1 21	3 33	0 39	21 47	0 18	21 7	0 38	22 0	0 1	17 35	1 42	22 0	14 54	20 40	20 30	26 17	6 35	0 44
S 4	15 21	16 57	1 1	13 33	3 53	15 41	1 22	3 17	0 38	21 45	0 18	21 8	0 38	22 0	0 1	17 36	1 42	22 1	14 55	20 40	20 29	26 17	6 37	0 44
M 5	15 3	20 46	0n 2	13 57	3 39	15 17	1 22	3 2	0 38	21 42	0 19	21 9	0 38	22 0	0 1	17 36	1 41	22 2	14 55	20 40	20 28	26 18	6 39	0 44
T 6	14 44	23 41	1 5	14 21	3 23	14 53	1 23	2 46	0 37	21 40	0 19	21 10	0 38	22 0	0 2	17 36	1 41	22 2	14 55	20 40	20 28	26 18	6 41	0 43
W 7	14 26	25 32	2 4	14 43	3 7	14 28	1 23	2 30	0 36	21 38	0 19	21 10	0 38	22 0	0 2	17 36	1 41	22 3	14 55	20 39	20 27	26 19	6 43	0 43
T 8	14 7	26 15	2 58	15 5	2 49	14 3	1 24	2 14	0 36	21 36	0 19	21 11	0 38	22 0	0 2	17 36	1 41	22 3	14 55	20 38	20 27	26 19	6 45	0 43
F 9	13 48	25 45	3 44	15 26	2 32	13 38	1 24	1 58	0 35	21 34	0 19	21 12	0 38	22 0	0 2	17 36	1 41	22 4	14 55	20 37	20 26	26 20	6 48	0 42
S 10	13 29	24 3	4 21	15 44	2 14	13 12	1 25	1 42	0 35	21 32	0 19	21 13	0 38	22 0	0 2	17 36	1 41	22 4	14 55	20 35	20 25	26 20	6 50	0 42
S 11	13 9	21 14	4 46	16 1	1 55	12 46	1 25	1 26	0 34	21 30	0 19	21 14	0 38	22 0	0 2	17 36	1 41	22 5	14 56	20 32	20 25	26 21	6 52	0 42
M12	12 50	17 26	4 59	16 16	1 37	12 20	1 25	1 10	0 33	21 28	0 19	21 15	0 38	22 0	0 2	17 37	1 41	22 6	14 56	20 29	20 24	26 21	6 54	0 41
T 13	12 30	12 50	4 57	16 28	1 19	11 53	1 25	0 53	0 33	21 25	0 19	21 15	0 38	22 0	0 2	17 37	1 41	22 6	14 56	20 27	20 23	26 21	6 57	0 41
W14	12 10	7 36	4 41	16 37	1 1	11 26	1 25	0 37	0 32	21 23	0 20	21 16	0 38	22 0	0 2	17 37	1 41	22 7	14 56	20 24	20 23	26 22	6 59	0 41
T 15	11 50	1 58	4 10	16 44	0 44	10 59	1 25	0 21	0 31	21 21	0 20	21 17	0 38	22 0	0 2	17 37	1 41	22 7	14 56	20 22	20 22	26 22	7 1	0 40
F 16	11 29	3s50	3 25	16 47	0 27	10 31	1 25	0 5	0 31	21 19	0 20	21 18	0 38	22 0	0 2	17 37	1 41	22 8	14 56	20 21	20 21	26 23	7 4	0 40
S 17	11 9	9 34	2 29	16 48	0 11	10 3	1 25	0s11	0 30	21 17	0 20	21 18	0 38	22 0	0 2	17 37	1 41	22 8	14 56	20 20	20 21	26 23	7 6	0 40
S 18	10 48	14 57	1 23	16 46	0n 4	9 35	1 25	0 27	0 30	21 15	0 20	21 19	0 38	22 0	0 2	17 38	1 41	22 9	14 56	20 19	20 20	26 23	7 8	0 39
M19	10 27	19 40	0 11	16 40	0 18	9 6	1 24	0 44	0 29	21 12	0 20	21 20	0 38	22 0	0 2	17 38	1 41	22 9	14 56	20 19	20 19	26 24	7 11	0 39
T 20	10 6	23 23	1s 2	16 31	0 31	8 38	1 24	1 0	0 28	21 10	0 20	21 20	0 38	22 0	0 2	17 38	1 41	22 10	14 56	20 19	20 19	26 24	7 13	0 39
W21	9 44	25 42	2 13	16 18	0 43	8 9	1 24	1 16	0 28	21 8	0 20	21 21	0 38	22 0	0 2	17 38	1 40	22 10	14 56	20 19	20 18	26 25	7 16	0 38
T 22	9 23	26 21	3 16	16 3	0 55	7 40	1 23	1 32	0 27	21 6	0 21	21 22	0 39	22 0	0 2	17 38	1 40	22 11	14 56	20 18	20 17	26 25	7 18	0 38
F 23	9 1	25 11	4 8	15 44	1 5	7 10	1 23	1 49	0 26	21 4	0 21	21 22	0 39	22 0	0 2	17 39	1 40	22 11	14 56	20 17	20 17	26 25	7 21	0 38
S 24	8 40	22 19	4 43	15 22	1 14	6 41	1 22	2 5	0 26	21 1	0 21	21 23	0 39	22 0	0 2	17 39	1 40	22 12	14 56	20 15	20 16	26 26	7 23	0 37
S 25	8 18	18 1	4 59	14 58	1 22	6 11	1 21	2 21	0 25	20 59	0 21	21 23	0 39	22 0	0 2	17 39	1 40	22 12	14 57	20 13	20 15	26 26	7 26	0 37
M26	7 56	12 44	4 57	14 30	1 29	5 41	1 21	2 38	0 24	20 57	0 21	21 24	0 39	22 1	0 2	17 39	1 40	22 13	14 57	20 10	20 15	26 26	7 28	0 37
T 27	7 33	6 51	4 35	14 0	1 35	5 11	1 20	2 54	0 24	20 55	0 21	21 25	0 39	22 1	0 2	17 40	1 40	22 13	14 57	20 8	20 14	26 27	7 31	0 36
W28	7 11	0 47	3 58	13 28	1 39	4 41	1 19	3 10	0 23	20 53	0 21	21 25	0 39	22 1	0 2	17 40	1 40	22 14	14 57	20 6	20 13	26 27	7 33	0 36
T 29	6 49	5n10	3 9	12 53	1 43	4 10	1 18	3 26	0 23	20 51	0 22	21 26	0 39	22 1	0 2	17 40	1 40	22 14	14 57	20 4	20 13	26 27	7 36	0 36
F 30	6 26	10 43	2 11	12 17	1 46	3 40	1 17	3 43	0 22	20 48	0 22	21 26	0 39	22 1	0 2	17 40	1 40	22 15	14 57	20 3	20 12	26 28	7 38	0 35
S 31	6n 4	15n40	1s 8	11n38	1n48	3n 9	1n16	3s59	0n21	20n46	0n22	21s27	0s39	22s 1	0s 2	17s41	1n40	22s15	14s57	20n 3	20n11	26n28	7s41	0s35

Julian Day Number = 2201208.5, Delta T = 10m02s
Ecliptic obliquity = 23°31'46, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°10'50, Lahiri = 14°17'51 Julian Calendar 1 Aug. 1314 == Greg. Calendar 9 Aug. 1314

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1314
geocentric

SEPTEMBER 1314 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	23 10 6	15♍38'28	28♉32	6♍11	26♍15	11♎31	29♋17	27°R 6	9♐45	25♏53	8°R19	29°D 9	29♉45	7♋51	18♎17	S 1
M 2	23 14 2	16°37'06	10♊35	8° 2	27°30	12°11	29°28	27♂ 4	9°46	25°54	8♓18	29♉ 9	29°42	7°57	18°25	M 2
T 3	23 17 59	17°35'47	22°28	9°54	28°45	12°51	29°39	27° 2	9°47	25°55	8°17	29°R 9	29°39	8° 4	18°33	T 3
W 4	23 21 55	18°34'29	4♋17	11°46	29°59	13°31	29°50	27° 0	9°48	25°57	8°16	29° 8	29°36	8°11	18°40	W 4
T 5	23 25 52	19°33'15	16° 8	13°37	1♎14	14°11	0♌ 1	26°58	9°49	25°58	8°15	29° 5	29°33	8°17	18°48	T 5
F 6	23 29 48	20°32'02	28° 4	15°28	2°28	14°51	0°12	26°57	9°51	25°59	8°13	28°59	29°29	8°24	18°56	F 6
S 7	23 33 45	21°30'51	10♌10	17°19	3°43	15°32	0°22	26°55	9°52	26° 0	8°12	28°51	29°26	8°31	19° 4	S 7
S 8	23 37 41	22°29'43	22°30	19° 9	4°57	16°12	0°33	26°53	9°53	26° 1	8°11	28°40	29°23	8°37	19°12	S 8
M 9	23 41 38	23°28'37	5♍ 4	20°59	6°12	16°53	0°43	26°52	9°55	26° 3	8°10	28°29	29°20	8°44	19°20	M 9
T 10	23 45 35	24°27'33	17°53	22°47	7°27	17°33	0°53	26°51	9°56	26° 4	8° 9	28°17	29°17	8°51	19°28	T 10
W11	23 49 31	25°26'30	0♎58	24°35	8°41	18°14	1° 3	26°49	9°58	26° 5	8° 7	28° 6	29°14	8°57	19°36	W11
T 12	23 53 28	26°25'30	14°15	26°23	9°56	18°54	1°14	26°48	9°59	26° 6	8° 6	27°58	29°10	9° 4	19°44	T 12
F 13	23 57 24	27°24'32	27°45	28° 9	11°11	19°35	1°24	26°47	10° 1	26° 8	8° 5	27°52	29° 7	9°11	19°52	F 13
S 14	0 1 21	28°23'36	11♏25	29°55	12°25	20°16	1°33	26°46	10° 3	26° 9	8° 4	27°48	29° 4	9°17	20° 1	S 14
S 15	0 5 17	29°22'42	25°13	1♎39	13°40	20°56	1°43	26°45	10° 4	26°11	8° 3	27°D47	29° 1	9°24	20° 9	S 15
M16	0 9 14	0♎21'50	9♐ 8	3°23	14°54	21°37	1°53	26°44	10° 6	26°12	8° 2	27°47	28°58	9°31	20°17	M16
T 17	0 13 10	1°20'59	23° 9	5° 6	16° 9	22°18	2° 3	26°43	10° 8	26°13	8° 1	27°48	28°55	9°37	20°25	T 17
W18	0 17 7	2°20'11	7♑16	6°48	17°24	22°59	2°12	26°43	10°10	26°15	7°59	27°R48	28°51	9°44	20°33	W18
T 19	0 21 3	3°19'24	21°28	8°30	18°38	23°40	2°21	26°42	10°12	26°16	7°58	27°47	28°48	9°51	20°42	T 19
F 20	0 25 0	4°18'38	5♒42	10°10	19°53	24°21	2°31	26°42	10°14	26°18	7°57	27°43	28°45	9°57	20°50	F 20
S 21	0 28 57	5°17'55	19°56	11°50	21° 7	25° 2	2°40	26°42	10°16	26°20	7°56	27°37	28°42	10° 4	20°58	S 21
S 22	0 32 53	6°17'13	4♓ 5	13°29	22°22	25°43	2°49	26°41	10°18	26°21	7°55	27°30	28°39	10°11	21° 7	S 22
M23	0 36 50	7°16'33	18° 7	15° 7	23°37	26°25	2°58	26°41	10°20	26°23	7°54	27°21	28°35	10°17	21°15	M23
T 24	0 40 46	8°15'56	1♈55	16°45	24°51	27° 6	3° 6	26°D41	10°22	26°24	7°53	27°13	28°32	10°24	21°23	T 24
W25	0 44 43	9°15'20	15°26	18°22	26° 6	27°47	3°15	26°41	10°24	26°26	7°52	27° 6	28°29	10°31	21°32	W25
T 26	0 48 39	10°14'46	28°39	19°58	27°20	28°29	3°24	26°42	10°26	26°28	7°51	27° 0	28°26	10°38	21°40	T 26
F 27	0 52 36	11°14'15	11♉31	21°33	28°35	29°10	3°32	26°42	10°29	26°29	7°50	26°57	28°23	10°44	21°49	F 27
S 28	0 56 32	12°13'45	24° 4	23° 8	29°50	29°52	3°40	26°42	10°31	26°31	7°49	26°D56	28°20	10°51	21°57	S 28
S 29	1 0 29	13°13'18	6♊21	24°42	1♏ 4	0♏33	3°49	26°43	10°33	26°33	7°48	26°56	28°16	10°58	22° 6	S 29
M30	1 4 26	14♎12'54	18♊24	26♎16	2♏19	1♏15	3♌57	26♂43	10♐36	26♏35	7♓47	26♉57	28♉13	11♋ 4	22♎14	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	5n41	19n51	0s 3	10n58	1n50	2n38	1n15	4s15	0n21	20n44	0n22	21s27	0s39	22s 1	0s 2	17s41	1n40	22s16	14s57	20n 3	20n10	26n28	7s44	0s35
M 2	5 18	23 7	1n 0	10 17	1 50	2 8	1 14	4 31	0 20	20 42	0 22	21 28	0 39	22 2	0 2	17 41	1 40	22 16	14 57	20 3	20 10	26 28	7 46	0 34
T 3	4 55	25 19	2 1	9 35	1 50	1 37	1 13	4 48	0 19	20 40	0 22	21 28	0 39	22 2	0 2	17 42	1 40	22 17	14 56	20 3	20 9	26 29	7 49	0 34
W 4	4 32	26 23	2 55	8 51	1 49	1 6	1 11	5 4	0 19	20 38	0 22	21 28	0 39	22 2	0 2	17 42	1 40	22 17	14 56	20 2	20 8	26 29	7 52	0 34
T 5	4 9	26 14	3 43	8 7	1 47	0 35	1 10	5 20	0 18	20 35	0 23	21 29	0 39	22 2	0 2	17 42	1 40	22 18	14 56	20 2	20 8	26 29	7 55	0 33
F 6	3 46	24 52	4 20	7 22	1 45	0 4	1 9	5 36	0 18	20 33	0 23	21 29	0 39	22 2	0 2	17 43	1 40	22 18	14 56	20 0	20 7	26 30	7 57	0 33
S 7	3 23	22 22	4 47	6 36	1 43	0s27	1 7	5 53	0 17	20 31	0 23	21 30	0 39	22 3	0 2	17 43	1 40	22 18	14 56	19 59	20 6	26 30	8 0	0 33
S 8	2 59	18 48	5 1	5 50	1 39	0 58	1 6	6 9	0 16	20 29	0 23	21 30	0 39	22 3	0 2	17 43	1 39	22 19	14 56	19 56	20 6	26 30	8 3	0 33
M 9	2 36	14 21	5 1	5 3	1 36	1 30	1 4	6 25	0 16	20 27	0 23	21 30	0 39	22 3	0 2	17 44	1 39	22 19	14 56	19 54	20 5	26 30	8 6	0 32
T 10	2 13	9 11	4 45	4 17	1 32	2 1	1 2	6 41	0 15	20 25	0 23	21 30	0 39	22 3	0 2	17 44	1 39	22 20	14 56	19 51	20 4	26 31	8 8	0 32
W11	1 49	3 31	4 15	3 30	1 28	2 32	1 1	6 57	0 14	20 23	0 23	21 31	0 39	22 3	0 2	17 44	1 39	22 20	14 56	19 49	20 4	26 31	8 11	0 32
T 12	1 26	2s25	3 30	2 43	1 23	3 3	0 59	7 13	0 14	20 21	0 24	21 31	0 39	22 4	0 2	17 45	1 39	22 20	14 56	19 47	20 3	26 31	8 14	0 31
F 13	1 2	8 20	2 33	1 56	1 18	3 34	0 57	7 29	0 13	20 19	0 24	21 31	0 39	22 4	0 2	17 45	1 39	22 21	14 56	19 45	20 2	26 31	8 17	0 31
S 14	0 38	13 57	1 26	1 9	1 13	4 5	0 55	7 45	0 13	20 17	0 24	21 31	0 39	22 4	0 2	17 45	1 39	22 21	14 56	19 45	20 2	26 31	8 20	0 31
S 15	0 15	18 55	0 14	0 22	1 7	4 35	0 54	8 1	0 12	20 15	0 24	21 32	0 39	22 4	0 2	17 46	1 39	22 21	14 56	19 44	20 1	26 32	8 22	0 30
M16	0s 9	22 54	1s 0	0s25	1 1	5 6	0 52	8 17	0 11	20 13	0 24	21 32	0 39	22 5	0 2	17 46	1 39	22 22	14 56	19 44	20 0	26 32	8 25	0 30
T 17	0 32	25 33	2 12	1 11	0 56	5 37	0 50	8 33	0 11	20 10	0 24	21 32	0 39	22 5	0 2	17 47	1 39	22 22	14 55	19 45	19 59	26 32	8 28	0 30
W18	0 56	26 35	3 15	1 57	0 49	6 7	0 48	8 49	0 10	20 9	0 24	21 32	0 39	22 5	0 2	17 47	1 39	22 22	14 55	19 45	19 59	26 32	8 31	0 30
T 19	1 20	25 53	4 7	2 43	0 43	6 38	0 46	9 5	0 9	20 7	0 25	21 32	0 39	22 6	0 2	17 47	1 39	22 23	14 55	19 44	19 58	26 32	8 34	0 29
F 20	1 43	23 30	4 44	3 29	0 37	7 8	0 44	9 20	0 9	20 5	0 25	21 32	0 39	22 6	0 2	17 48	1 39	22 23	14 55	19 43	19 57	26 32	8 37	0 29
S 21	2 7	19 41	5 4	4 14	0 30	7 38	0 41	9 36	0 8	20 3	0 25	21 32	0 39	22 6	0 2	17 48	1 39	22 23	14 55	19 42	19 57	26 33	8 39	0 29
S 22	2 30	14 46	5 4	4 59	0 24	8 8	0 39	9 52	0 8	20 1	0 25	21 32	0 39	22 6	0 2	17 49	1 39	22 24	14 55	19 40	19 56	26 33	8 42	0 28
M23	2 54	9 7	4 47	5 43	0 17	8 38	0 37	10 7	0 7	19 59	0 25	21 33	0 39	22 7	0 2	17 49	1 39	22 24	14 55	19 39	19 55	26 33	8 45	0 28
T 24	3 17	3 6	4 13	6 27	0 10	9 7	0 35	10 23	0 6	19 57	0 25	21 33	0 39	22 7	0 2	17 49	1 39	22 24	14 54	19 37	19 55	26 33	8 48	0 28
W25	3 41	2n57	3 25	7 10	0 3	9 37	0 33	10 38	0 6	19 55	0 26	21 33	0 39	22 7	0 2	17 50	1 39	22 24	14 54	19 35	19 54	26 33	8 51	0 27
T 26	4 4	8 45	2 27	7 53	0s 3	10 6	0 30	10 54	0 5	19 53	0 26	21 32	0 39	22 8	0 2	17 50	1 39	22 25	14 54	19 34	19 53	26 33	8 54	0 27
F 27	4 28	14 2	1 22	8 36	0 10	10 35	0 28	11 9	0 4	19 51	0 26	21 32	0 39	22 8	0 2	17 51	1 39	22 25	14 54	19 33	19 52	26 33	8 57	0 27
S 28	4 51	18 37	0 15	9 17	0 17	11 3	0 25	11 24	0 4	19 50	0 26	21 32	0 39	22 8	0 2	17 51	1 39	22 25	14 54	19 33	19 52	26 33	9 0	0 27
S 29	5 14	22 17	0n51	9 59	0 24	11 32	0 23	11 40	0 3	19 48	0 26	21 32	0 39	22 9	0 2	17 52	1 38	22 25	14 54	19 33	19 51	26 33	9 3	0 26
M30	5s38	24n55	1n54	10s39	0s31	12s 0	0n21	11s55	0n 3	19n46	0n26	21s32	0s40	22s 9	0s 2	17s52	1n38	22s26	14s53	19n33	19n50	26n33	9s 6	0s26

Julian Day Number = 2201239.5, Delta T = 10m02s
Ecliptic obliquity = 23°31'47, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°10'55, Lahiri = 14°17'55 Julian Calendar 1 Sept. 1314 == Greg. Calendar 9 Sept. 1314

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ASTRODIENST EPHEMERIS for the year 1314
geocentric

OCTOBER 1314 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	1 8 22	15♎12'31	0♋18	27♎48	3♏33	1♏56	4♌ 5	26♑44	10♐38	26♏36	7°R46	26♉59	28♉10	11♋11	22♎23	T 1
W 2	1 12 19	16°12'11	12° 8	29°21	4°48	2°38	4°12	26°45	10°40	26°38	7♓45	27°R 0	28° 7	11°18	22°31	W 2
T 3	1 16 15	17°11'53	24° 0	0♏52	6° 2	3°20	4°20	26°46	10°43	26°40	7°44	27° 0	28° 4	11°24	22°40	T 3
F 4	1 20 12	18°11'38	5♌57	2°23	7°17	4° 2	4°27	26°47	10°45	26°42	7°43	26°58	28° 0	11°31	22°48	F 4
S 5	1 24 8	19°11'24	18° 6	3°54	8°32	4°44	4°35	26°48	10°48	26°44	7°42	26°54	27°57	11°38	22°57	S 5
S 6	1 28 5	20°11'13	0♍29	5°23	9°46	5°26	4°42	26°49	10°51	26°46	7°42	26°50	27°54	11°44	23° 5	S 6
M 7	1 32 1	21°11'04	13°10	6°53	11° 1	6° 8	4°49	26°50	10°53	26°48	7°41	26°44	27°51	11°51	23°14	M 7
T 8	1 35 58	22°10'58	26°11	8°21	12°15	6°50	4°56	26°52	10°56	26°50	7°40	26°38	27°48	11°58	23°22	T 8
W 9	1 39 55	23°10'53	9♎32	9°49	13°30	7°32	5° 3	26°53	10°59	26°51	7°39	26°32	27°45	12° 4	23°31	W 9
T 10	1 43 51	24°10'50	23°11	11°17	14°44	8°14	5°10	26°55	11° 1	26°53	7°38	26°27	27°41	12°11	23°39	T 10
F 11	1 47 48	25°10'50	7♏ 5	12°43	15°59	8°56	5°16	26°57	11° 4	26°55	7°38	26°24	27°38	12°18	23°48	F 11
S 12	1 51 44	26°10'51	21°12	14°10	17°14	9°39	5°22	26°58	11° 7	26°57	7°37	26°D23	27°35	12°24	23°56	S 12
S 13	1 55 41	27°10'54	5♐26	15°35	18°28	10°21	5°29	27° 0	11°10	26°59	7°36	26°23	27°32	12°31	24° 5	S 13
M14	1 59 37	28°10'59	19°44	17° 0	19°43	11° 4	5°35	27° 2	11°13	27° 1	7°35	26°24	27°29	12°38	24°13	M14
T 15	2 3 34	29°11'06	4♑ 2	18°23	20°57	11°46	5°41	27° 4	11°16	27° 3	7°35	26°26	27°26	12°44	24°22	T 15
W16	2 7 30	0♏11'14	18°17	19°47	22°12	12°29	5°46	27° 7	11°19	27° 6	7°34	26°27	27°22	12°51	24°30	W16
T 17	2 11 27	1°11'23	2♒27	21° 9	23°26	13°11	5°52	27° 9	11°22	27° 8	7°33	26°R28	27°19	12°58	24°39	T 17
F 18	2 15 24	2°11'35	16°31	22°30	24°41	13°54	5°57	27°11	11°25	27°10	7°33	26°27	27°16	13° 5	24°47	F 18
S 19	2 19 20	3°11'47	0♓25	23°50	25°55	14°37	6° 2	27°14	11°28	27°12	7°32	26°25	27°13	13°11	24°56	S 19
S 20	2 23 17	4°12'01	14°10	25° 9	27°10	15°19	6° 8	27°16	11°31	27°14	7°32	26°22	27°10	13°18	25° 4	S 20
M21	2 27 13	5°12'17	27°44	26°27	28°24	16° 2	6°12	27°19	11°34	27°16	7°31	26°19	27° 6	13°25	25°12	M21
T 22	2 31 10	6°12'34	11♈ 5	27°43	29°39	16°45	6°17	27°22	11°37	27°18	7°30	26°16	27° 3	13°31	25°21	T 22
W23	2 35 6	7°12'53	24°12	28°58	0♐53	17°28	6°22	27°25	11°40	27°20	7°30	26°13	27° 0	13°38	25°29	W23
T 24	2 39 3	8°13'13	7♉ 4	0♐11	2° 8	18°11	6°26	27°28	11°43	27°22	7°29	26°11	26°57	13°45	25°38	T 24
F 25	2 42 59	9°13'36	19°42	1°22	3°22	18°54	6°30	27°31	11°46	27°25	7°29	26°10	26°54	13°51	25°46	F 25
S 26	2 46 56	10°14'00	2♊ 6	2°31	4°37	19°37	6°34	27°34	11°50	27°27	7°28	26°D10	26°51	13°58	25°54	S 26
S 27	2 50 53	11°14'26	14°17	3°38	5°51	20°20	6°38	27°37	11°53	27°29	7°28	26°11	26°47	14° 5	26° 3	S 27
M28	2 54 49	12°14'53	26°18	4°42	7° 5	21° 3	6°42	27°40	11°56	27°31	7°28	26°12	26°44	14°11	26°11	M28
T 29	2 58 46	13°15'23	8♋11	5°42	8°20	21°47	6°45	27°44	11°59	27°33	7°27	26°14	26°41	14°18	26°19	T 29
W30	3 2 42	14°15'54	20° 2	6°40	9°34	22°30	6°49	27°47	12° 3	27°36	7°27	26°15	26°38	14°25	26°28	W30
T 31	3 6 39	15♏16'27	1♌52	7♐33	10♐49	23♏13	6♌52	27♑51	12♐ 6	27♏38	7♓26	26♉16	26♉35	14♋31	26♎36	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat
T 1	6s 1	26n23	2n51	11s19	0s38	12s28	0n18	12s10	0n 2	19n44	0n27	21s32	0s40	22s 9	0s 2	17s53	1n38	22s26	14s53	19n33	19n50	26n34	9s 8	0s26
W 2	6 24	26 38	3 41	11 59	0 45	12 55	0 16	12 25	0 1	19 43	0 27	21 32	0 40	22 10	0 2	17 53	1 38	22 26	14 53	19 34	19 49	26 34	9 11	0 25
T 3	6 47	25 40	4 21	12 37	0 51	13 23	0 13	12 40	0 1	19 41	0 27	21 32	0 40	22 10	0 2	17 53	1 38	22 26	14 53	19 34	19 48	26 34	9 14	0 25
F 4	7 10	23 32	4 50	13 15	0 58	13 50	0 11	12 55	0 0	19 40	0 27	21 32	0 40	22 11	0 2	17 54	1 38	22 26	14 53	19 33	19 47	26 34	9 17	0 25
S 5	7 32	20 20	5 7	13 53	1 5	14 16	0 8	13 9	0s 1	19 38	0 27	21 31	0 40	22 11	0 2	17 54	1 38	22 26	14 52	19 32	19 47	26 34	9 20	0 25
S 6	7 55	16 10	5 10	14 29	1 11	14 42	0 6	13 24	0 1	19 36	0 28	21 31	0 40	22 11	0 2	17 55	1 38	22 27	14 52	19 31	19 46	26 34	9 23	0 24
M 7	8 18	11 13	4 58	15 5	1 18	15 8	0 3	13 39	0 2	19 35	0 28	21 31	0 40	22 12	0 2	17 55	1 38	22 27	14 52	19 30	19 45	26 34	9 26	0 24
T 8	8 40	5 40	4 31	15 40	1 24	15 34	0 0	13 53	0 2	19 33	0 28	21 31	0 40	22 12	0 2	17 56	1 38	22 27	14 52	19 28	19 45	26 34	9 29	0 24
W 9	9 2	0s18	3 48	16 14	1 30	15 59	0s 2	14 7	0 3	19 32	0 28	21 30	0 40	22 12	0 2	17 56	1 38	22 27	14 52	19 27	19 44	26 34	9 32	0 24
T 10	9 25	6 23	2 52	16 48	1 36	16 24	0 5	14 22	0 4	19 30	0 28	21 30	0 40	22 13	0 2	17 57	1 38	22 27	14 51	19 26	19 43	26 34	9 35	0 23
F 11	9 47	12 18	1 44	17 20	1 42	16 48	0 7	14 36	0 4	19 29	0 28	21 30	0 40	22 13	0 2	17 57	1 38	22 27	14 51	19 25	19 42	26 34	9 37	0 23
S 12	10 9	17 40	0 28	17 52	1 48	17 12	0 10	14 50	0 5	19 28	0 29	21 29	0 40	22 14	0 2	17 58	1 38	22 27	14 51	19 25	19 42	26 34	9 40	0 23
S 13	10 30	22 6	0s49	18 23	1 54	17 36	0 13	15 4	0 6	19 26	0 29	21 29	0 40	22 14	0 2	17 58	1 38	22 27	14 51	19 25	19 41	26 34	9 43	0 22
M14	10 52	25 12	2 5	18 52	1 59	17 59	0 15	15 18	0 6	19 25	0 29	21 29	0 40	22 14	0 2	17 59	1 38	22 27	14 50	19 25	19 40	26 34	9 46	0 22
T 15	11 14	26 40	3 12	19 21	2 4	18 21	0 18	15 32	0 7	19 24	0 29	21 28	0 40	22 15	0 2	17 59	1 38	22 27	14 50	19 26	19 40	26 34	9 49	0 22
W16	11 35	26 22	4 7	19 49	2 9	18 43	0 21	15 45	0 7	19 23	0 29	21 28	0 40	22 15	0 2	18 0	1 38	22 27	14 50	19 26	19 39	26 34	9 52	0 22
T 17	11 56	24 21	4 47	20 16	2 14	19 5	0 23	15 59	0 8	19 21	0 30	21 27	0 40	22 16	0 2	18 0	1 38	22 27	14 50	19 26	19 38	26 34	9 55	0 21
F 18	12 17	20 52	5 10	20 41	2 18	19 26	0 26	16 12	0 9	19 20	0 30	21 27	0 40	22 16	0 2	18 1	1 38	22 27	14 49	19 26	19 37	26 34	9 58	0 21
S 19	12 38	16 15	5 14	21 6	2 22	19 46	0 28	16 26	0 9	19 19	0 30	21 27	0 40	22 17	0 2	18 1	1 38	22 27	14 49	19 26	19 37	26 34	10 1	0 21
S 20	12 58	10 51	4 59	21 29	2 26	20 6	0 31	16 39	0 10	19 18	0 30	21 26	0 40	22 17	0 2	18 2	1 38	22 27	14 49	19 25	19 36	26 33	10 3	0 21
M21	13 18	5 1	4 29	21 51	2 29	20 26	0 34	16 52	0 10	19 17	0 30	21 26	0 40	22 17	0 2	18 2	1 38	22 27	14 49	19 24	19 35	26 33	10 6	0 20
T 22	13 38	0n58	3 44	22 12	2 32	20 45	0 36	17 5	0 11	19 16	0 31	21 25	0 40	22 18	0 2	18 3	1 38	22 27	14 48	19 23	19 34	26 33	10 9	0 20
W23	13 58	6 49	2 47	22 31	2 35	21 3	0 39	17 18	0 12	19 15	0 31	21 24	0 40	22 18	0 2	18 3	1 38	22 27	14 48	19 23	19 34	26 33	10 12	0 20
T 24	14 18	12 18	1 44	22 49	2 37	21 21	0 41	17 30	0 12	19 14	0 31	21 24	0 40	22 19	0 2	18 4	1 38	22 27	14 48	19 22	19 33	26 33	10 15	0 19
F 25	14 37	17 9	0 36	23 6	2 39	21 38	0 44	17 43	0 13	19 13	0 31	21 23	0 40	22 19	0 2	18 4	1 38	22 27	14 47	19 22	19 32	26 33	10 18	0 19
S 26	14 57	21 12	0n33	23 21	2 40	21 54	0 47	17 55	0 14	19 12	0 31	21 23	0 40	22 20	0 2	18 5	1 38	22 27	14 47	19 22	19 32	26 33	10 20	0 19
S 27	15 16	24 14	1 39	23 35	2 40	22 10	0 49	18 8	0 14	19 12	0 32	21 22	0 40	22 20	0 2	18 5	1 38	22 27	14 47	19 22	19 31	26 33	10 23	0 19
M28	15 34	26 8	2 39	23 47	2 40	22 25	0 52	18 20	0 15	19 11	0 32	21 21	0 40	22 20	0 2	18 6	1 38	22 27	14 47	19 23	19 30	26 33	10 26	0 18
T 29	15 53	26 48	3 32	23 57	2 39	22 40	0 54	18 32	0 15	19 10	0 32	21 21	0 40	22 21	0 2	18 6	1 38	22 27	14 46	19 23	19 29	26 32	10 29	0 18
W30	16 11	26 15	4 16	24 6	2 38	22 54	0 56	18 43	0 16	19 10	0 32	21 20	0 40	22 21	0 2	18 7	1 38	22 27	14 46	19 23	19 29	26 32	10 31	0 18
T 31	16s29	24n30	4n49	24s12	2s35	23s 7	0s59	18s55	0s17	19n 9	0n32	21s19	0s40	22s22	0s 2	18s 7	1n38	22s26	14s46	19n23	19n28	26n32	10s34	0s18

Julian Day Number = 2201269.5, Delta T = 10m02s
Ecliptic obliquity = 23°31'47, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°10'59, Lahiri = 14°17'59 Julian Calendar 1 Oct. 1314 == Greg. Calendar 9 Oct. 1314

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ASTRODIENST EPHEMERIS for the year 1314
geocentric

NOVEMBER 1314 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	3 10 35	16♏17'02	13♌49	8♐22	12♐ 3	23♏57	6♌55	27♑54	12♐ 9	27♏40	7°R26	26°R16	26♉32	14♋38	26♎44	F 1
S 2	3 14 32	17°17'39	25°55	9° 5	13°18	24°40	6°58	27°58	12°13	27°42	7♓26	26♉16	26°28	14°45	26°52	S 2
S 3	3 18 28	18°18'17	8♍17	9°44	14°32	25°24	7° 0	28° 2	12°16	27°44	7°26	26°15	26°25	14°52	27° 0	S 3
M 4	3 22 25	19°18'57	20°57	10°15	15°46	26° 8	7° 3	28° 6	12°20	27°47	7°25	26°15	26°22	14°58	27° 8	M 4
T 5	3 26 22	20°19'39	4♎ 0	10°40	17° 1	26°51	7° 5	28°10	12°23	27°49	7°25	26°14	26°19	15° 5	27°17	T 5
W 6	3 30 18	21°20'22	17°27	10°57	18°15	27°35	7° 7	28°14	12°26	27°51	7°25	26°13	26°16	15°12	27°25	W 6
T 7	3 34 15	22°21'07	1♏17	11°R 5	19°29	28°19	7° 9	28°18	12°30	27°53	7°25	26°13	26°12	15°18	27°33	T 7
F 8	3 38 11	23°21'54	15°30	11° 3	20°44	29° 2	7°10	28°22	12°33	27°56	7°25	26°13	26° 9	15°25	27°41	F 8
S 9	3 42 8	24°22'41	0♐ 0	10°52	21°58	29°46	7°12	28°27	12°37	27°58	7°24	26°D13	26° 6	15°32	27°49	S 9
S 10	3 46 4	25°23'31	14°42	10°30	23°12	0♐30	7°13	28°31	12°40	28° 0	7°24	26°13	26° 3	15°38	27°57	S 10
M11	3 50 1	26°24'21	29°29	9°56	24°27	1°14	7°14	28°36	12°44	28° 2	7°24	26°R13	26° 0	15°45	28° 4	M11
T 12	3 53 57	27°25'13	14♑13	9°12	25°41	1°58	7°15	28°40	12°48	28° 5	7°24	26°13	25°57	15°52	28°12	T 12
W13	3 57 54	28°26'05	28°49	8°18	26°55	2°42	7°16	28°45	12°51	28° 7	7°24	26°12	25°53	15°58	28°20	W13
T 14	4 1 51	29°26'58	13♒11	7°14	28°10	3°27	7°16	28°50	12°55	28° 9	7°D24	26°12	25°50	16° 5	28°28	T 14
F 15	4 5 47	0♐27'53	27°17	6° 1	29°24	4°11	7°16	28°54	12°58	28°12	7°24	26°D12	25°47	16°12	28°36	F 15
S 16	4 9 44	1°28'47	11♓ 5	4°43	0♑38	4°55	7°R16	28°59	13° 2	28°14	7°24	26°12	25°44	16°19	28°43	S 16
S 17	4 13 40	2°29'43	24°35	3°21	1°52	5°39	7°16	29° 4	13° 5	28°16	7°24	26°12	25°41	16°25	28°51	S 17
M18	4 17 37	3°30'39	7♈49	1°58	3° 6	6°24	7°16	29° 9	13° 9	28°18	7°24	26°13	25°38	16°32	28°58	M18
T 19	4 21 33	4°31'36	20°47	0°37	4°21	7° 8	7°16	29°14	13°13	28°21	7°25	26°14	25°34	16°39	29° 6	T 19
W20	4 25 30	5°32'34	3♉30	29♏21	5°35	7°52	7°15	29°19	13°16	28°23	7°25	26°15	25°31	16°45	29°13	W20
T 21	4 29 26	6°33'33	16° 2	28°12	6°49	8°37	7°14	29°25	13°20	28°25	7°25	26°15	25°28	16°52	29°21	T 21
F 22	4 33 23	7°34'32	28°23	27°11	8° 3	9°21	7°13	29°30	13°24	28°27	7°25	26°R15	25°25	16°59	29°28	F 22
S 23	4 37 20	8°35'33	10♊34	26°20	9°17	10° 6	7°11	29°35	13°27	28°30	7°25	26°15	25°22	17° 5	29°36	S 23
S 24	4 41 16	9°36'34	22°36	25°41	10°31	10°51	7°10	29°41	13°31	28°32	7°25	26°14	25°18	17°12	29°43	S 24
M25	4 45 13	10°37'36	4♋33	25°13	11°45	11°35	7° 8	29°46	13°34	28°34	7°26	26°12	25°15	17°19	29°50	M25
T 26	4 49 9	11°38'39	16°25	24°56	12°59	12°20	7° 6	29°52	13°38	28°36	7°26	26°10	25°12	17°25	29°57	T 26
W27	4 53 6	12°39'43	28°15	24°D49	14°13	13° 5	7° 4	29°57	13°42	28°38	7°26	26° 7	25° 9	17°32	0♏ 4	W27
T 28	4 57 2	13°40'48	10♌ 6	24°53	15°27	13°50	7° 2	0♒ 3	13°45	28°41	7°27	26° 4	25° 6	17°39	0°11	T 28
F 29	5 0 59	14°41'54	22° 2	25° 6	16°41	14°35	7° 0	0° 8	13°49	28°43	7°27	26° 2	25° 3	17°46	0°18	F 29
S 30	5 4 56	15♐43'00	4♍ 6	25♏28	17♑55	15♐20	6♌57	0♒14	13♐53	28♏45	7♓27	26♉ 1	24♉59	17♋52	0♏25	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	16s46	21n41	5n10	24s17	2s32	23s20	1s 1	19s 6	0s17	19n 8	0n33	21s19	0s40	22s22	0s 2	18s 8	1n38	22s26	14s45	19n23	19n27	26n32	10s37	0s17
S 2	17 4	17 53	5 17	24 20	2 28	23 32	1 4	19 18	0 18	19 8	0 33	21 18	0 40	22 23	0 2	18 8	1 38	22 26	14 45	19 23	19 26	26 32	10 40	0 17
S 3	17 21	13 17	5 10	24 20	2 22	23 43	1 6	19 29	0 18	19 7	0 33	21 17	0 40	22 23	0 2	18 9	1 37	22 26	14 45	19 23	19 26	26 32	10 42	0 17
M 4	17 37	8 0	4 48	24 19	2 16	23 54	1 8	19 40	0 19	19 7	0 33	21 16	0 40	22 24	0 2	18 9	1 37	22 26	14 45	19 23	19 25	26 32	10 45	0 17
T 5	17 54	2 14	4 11	24 15	2 8	24 4	1 11	19 51	0 20	19 7	0 34	21 16	0 40	22 24	0 2	18 10	1 37	22 26	14 44	19 23	19 24	26 31	10 48	0 16
W 6	18 10	3s49	3 19	24 8	1 59	24 13	1 13	20 1	0 20	19 6	0 34	21 15	0 40	22 25	0 2	18 10	1 37	22 25	14 44	19 23	19 23	26 31	10 50	0 16
T 7	18 26	9 52	2 14	23 59	1 48	24 21	1 15	20 12	0 21	19 6	0 34	21 14	0 40	22 25	0 2	18 11	1 37	22 25	14 44	19 23	19 23	26 31	10 53	0 16
F 8	18 41	15 36	0 59	23 46	1 36	24 29	1 17	20 22	0 21	19 6	0 34	21 13	0 40	22 25	0 2	18 11	1 37	22 25	14 43	19 23	19 22	26 31	10 56	0 15
S 9	18 56	20 34	0s21	23 31	1 23	24 36	1 19	20 32	0 22	19 6	0 34	21 12	0 40	22 26	0 2	18 12	1 37	22 25	14 43	19 23	19 21	26 30	10 58	0 15
S 10	19 11	24 19	1 41	23 13	1 8	24 42	1 21	20 42	0 23	19 6	0 35	21 11	0 40	22 26	0 2	18 12	1 37	22 24	14 43	19 23	19 20	26 30	11 1	0 15
M11	19 25	26 26	2 54	22 52	0 51	24 48	1 23	20 52	0 23	19 6	0 35	21 10	0 40	22 27	0 2	18 13	1 37	22 24	14 42	19 23	19 20	26 30	11 3	0 15
T 12	19 39	26 41	3 56	22 28	0 33	24 53	1 25	21 1	0 24	19 6	0 35	21 9	0 40	22 27	0 2	18 13	1 37	22 24	14 42	19 23	19 19	26 30	11 6	0 14
W13	19 53	25 4	4 42	22 0	0 14	24 57	1 27	21 11	0 24	19 6	0 35	21 9	0 40	22 28	0 2	18 14	1 37	22 24	14 42	19 23	19 18	26 29	11 9	0 14
T 14	20 7	21 51	5 9	21 30	0n 6	25 0	1 29	21 20	0 25	19 6	0 36	21 8	0 40	22 28	0 2	18 14	1 37	22 23	14 41	19 23	19 17	26 29	11 11	0 14
F 15	20 20	17 25	5 17	20 58	0 26	25 2	1 31	21 29	0 25	19 6	0 36	21 7	0 40	22 29	0 2	18 15	1 37	22 23	14 41	19 22	19 17	26 29	11 14	0 14
S 16	20 32	12 9	5 7	20 24	0 47	25 4	1 32	21 37	0 26	19 6	0 36	21 6	0 40	22 29	0 2	18 15	1 37	22 23	14 41	19 23	19 16	26 29	11 16	0 13
S 17	20 44	6 26	4 39	19 49	1 7	25 5	1 34	21 46	0 27	19 6	0 36	21 5	0 40	22 30	0 2	18 16	1 37	22 22	14 40	19 23	19 15	26 28	11 19	0 13
M18	20 56	0 32	3 58	19 14	1 26	25 5	1 36	21 54	0 27	19 7	0 36	21 4	0 40	22 30	0 2	18 16	1 37	22 22	14 40	19 23	19 14	26 28	11 21	0 13
T 19	21 8	5n18	3 4	18 40	1 43	25 5	1 37	22 2	0 28	19 7	0 37	21 3	0 40	22 31	0 2	18 17	1 37	22 22	14 40	19 23	19 14	26 28	11 23	0 13
W20	21 19	10 48	2 3	18 9	1 59	25 3	1 39	22 10	0 28	19 7	0 37	21 2	0 40	22 31	0 2	18 17	1 37	22 21	14 39	19 23	19 13	26 28	11 26	0 12
T 21	21 29	15 48	0 56	17 40	2 13	25 1	1 40	22 18	0 29	19 8	0 37	21 0	0 40	22 31	0 2	18 18	1 37	22 21	14 39	19 23	19 12	26 27	11 28	0 12
F 22	21 39	20 4	0n12	17 15	2 25	24 58	1 42	22 25	0 30	19 8	0 37	20 59	0 40	22 32	0 2	18 18	1 37	22 21	14 39	19 23	19 11	26 27	11 31	0 12
S 23	21 49	23 24	1 18	16 55	2 34	24 55	1 43	22 33	0 30	19 9	0 38	20 58	0 40	22 32	0 2	18 19	1 37	22 20	14 39	19 23	19 11	26 27	11 33	0 11
S 24	21 59	25 40	2 21	16 39	2 41	24 50	1 44	22 40	0 31	19 9	0 38	20 57	0 40	22 33	0 2	18 19	1 37	22 20	14 38	19 23	19 10	26 26	11 35	0 11
M25	22 7	26 43	3 16	16 27	2 46	24 45	1 45	22 46	0 31	19 10	0 38	20 56	0 40	22 33	0 2	18 20	1 37	22 19	14 38	19 22	19 9	26 26	11 38	0 11
T 26	22 16	26 32	4 3	16 20	2 49	24 39	1 46	22 53	0 32	19 11	0 38	20 55	0 40	22 34	0 2	18 20	1 37	22 19	14 38	19 22	19 8	26 26	11 40	0 11
W27	22 24	25 8	4 39	16 18	2 50	24 33	1 47	22 59	0 32	19 12	0 38	20 54	0 40	22 34	0 2	18 21	1 37	22 19	14 37	19 21	19 7	26 25	11 42	0 10
T 28	22 32	22 38	5 3	16 19	2 50	24 25	1 48	23 5	0 33	19 12	0 39	20 52	0 40	22 35	0 2	18 21	1 37	22 18	14 37	19 21	19 7	26 25	11 44	0 10
F 29	22 39	19 10	5 15	16 24	2 48	24 17	1 49	23 11	0 34	19 13	0 39	20 51	0 40	22 35	0 2	18 22	1 37	22 18	14 37	19 20	19 6	26 24	11 46	0 10
S 30	22s46	14n53	5n12	16s32	2n45	24s 9	1s50	23s17	0s34	19n14	0n39	20s50	0s40	22s36	0s 2	18s22	1n37	22s17	14s36	19n20	19n 5	26n24	11s49	0s10

Julian Day Number = 2201300.5, Delta T = 10m01s
Ecliptic obliquity = 23°31'47, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°11'03, Lahiri = 14°18'03 Julian Calendar 1 Nov. 1314 == Greg. Calendar 9 Nov. 1314

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ASTRODIENST EPHEMERIS for the year 1314
geocentric

DECEMBER 1314 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	5 8 52	16♐44'07	16♍23	25♏58	19♑ 9	16♐ 5	6°R54	0♒20	13♐56	28♏47	7♓28	26°D 0	24♉56	17♋59	0♏32	S 1
M 2	5 12 49	17°45'15	28°57	26°34	20°22	16°50	6♌51	0°26	14° 0	28°49	7°28	26♉ 1	24°53	18° 6	0°39	M 2
T 3	5 16 45	18°46'24	11♎53	27°17	21°36	17°35	6°48	0°32	14° 4	28°52	7°29	26° 2	24°50	18°12	0°46	T 3
W 4	5 20 42	19°47'34	25°14	28° 5	22°50	18°20	6°44	0°38	14° 7	28°54	7°29	26° 3	24°47	18°19	0°52	W 4
T 5	5 24 38	20°48'44	9♏ 3	28°58	24° 4	19° 5	6°41	0°44	14°11	28°56	7°30	26° 5	24°44	18°26	0°59	T 5
F 6	5 28 35	21°49'55	23°18	29°56	25°18	19°50	6°37	0°50	14°14	28°58	7°30	26°R 6	24°40	18°32	1° 5	F 6
S 7	5 32 31	22°51'07	7♐58	0♐57	26°31	20°36	6°33	0°56	14°18	29° 0	7°31	26° 5	24°37	18°39	1°12	S 7
S 8	5 36 28	23°52'19	22°57	2° 1	27°45	21°21	6°29	1° 2	14°22	29° 2	7°31	26° 3	24°34	18°46	1°18	S 8
M 9	5 40 25	24°53'31	8♑ 6	3° 9	28°59	22° 6	6°24	1° 9	14°25	29° 4	7°32	26° 0	24°31	18°53	1°24	M 9
T 10	5 44 21	25°54'44	23°16	4°19	0♒12	22°52	6°20	1°15	14°29	29° 6	7°33	25°56	24°28	18°59	1°31	T 10
W11	5 48 18	26°55'56	8♒17	5°31	1°26	23°37	6°15	1°21	14°33	29° 8	7°33	25°51	24°24	19° 6	1°37	W11
T 12	5 52 14	27°57'09	23° 0	6°45	2°39	24°23	6°10	1°28	14°36	29°10	7°34	25°47	24°21	19°13	1°43	T 12
F 13	5 56 11	28°58'21	7♓20	8° 1	3°53	25° 8	6° 5	1°34	14°40	29°12	7°35	25°44	24°18	19°19	1°49	F 13
S 14	6 0 7	29°59'33	21°14	9°19	5° 6	25°54	6° 0	1°41	14°43	29°14	7°36	25°42	24°15	19°26	1°55	S 14
S 15	6 4 4	1♑ 0'45	4♈43	10°38	6°19	26°39	5°55	1°47	14°47	29°16	7°36	25°D42	24°12	19°33	2° 1	S 15
M16	6 8 0	2° 1'56	17°49	11°59	7°33	27°25	5°49	1°54	14°50	29°18	7°37	25°42	24° 9	19°39	2° 6	M16
T 17	6 11 57	3° 3'07	0♉34	13°20	8°46	28°11	5°44	2° 0	14°54	29°20	7°38	25°44	24° 5	19°46	2°12	T 17
W18	6 15 54	4° 4'18	13° 3	14°43	9°59	28°56	5°38	2° 7	14°57	29°22	7°39	25°46	24° 2	19°53	2°18	W18
T 19	6 19 50	5° 5'28	25°19	16° 6	11°12	29°42	5°32	2°13	15° 1	29°24	7°39	25°R46	23°59	20° 0	2°23	T 19
F 20	6 23 47	6° 6'38	7♊25	17°31	12°25	0♑28	5°26	2°20	15° 4	29°26	7°40	25°46	23°56	20° 6	2°29	F 20
S 21	6 27 43	7° 7'48	19°24	18°56	13°38	1°14	5°20	2°27	15° 8	29°28	7°41	25°43	23°53	20°13	2°34	S 21
S 22	6 31 40	8° 8'58	1♋19	20°22	14°51	2° 0	5°13	2°34	15°11	29°30	7°42	25°38	23°50	20°20	2°39	S 22
M23	6 35 36	9°10'07	13°12	21°49	16° 4	2°46	5° 7	2°40	15°15	29°32	7°43	25°31	23°46	20°26	2°44	M23
T 24	6 39 33	10°11'17	25° 3	23°16	17°17	3°32	5° 0	2°47	15°18	29°34	7°44	25°22	23°43	20°33	2°50	T 24
W25	6 43 29	11°12'25	6♌55	24°44	18°30	4°18	4°54	2°54	15°21	29°36	7°45	25°13	23°40	20°40	2°55	W25
T 26	6 47 26	12°13'34	18°49	26°13	19°43	5° 4	4°47	3° 1	15°25	29°37	7°46	25° 4	23°37	20°46	2°59	T 26
F 27	6 51 23	13°14'42	0♍47	27°42	20°55	5°50	4°40	3° 8	15°28	29°39	7°47	24°55	23°34	20°53	3° 4	F 27
S 28	6 55 19	14°15'50	12°53	29°12	22° 8	6°36	4°33	3°15	15°31	29°41	7°48	24°49	23°30	21° 0	3° 9	S 28
S 29	6 59 16	15°16'57	25° 9	0♑42	23°20	7°22	4°26	3°22	15°35	29°43	7°49	24°44	23°27	21° 7	3°14	S 29
M30	7 3 12	16°18'05	7♎39	2°13	24°33	8° 8	4°18	3°29	15°38	29°44	7°50	24°42	23°24	21°13	3°18	M30
T 31	7 7 9	17♑19'12	20♎28	3♑45	25♒45	8♑54	4♌11	3♒36	15♐41	29♏46	7♓51	24°D41	23♉21	21♋20	3♏22	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	22s52	9n56	4n56	16s43	2n41	23s59	1s51	23s22	0s35	19n15	0n39	20s49	0s40	22s36	0s 2	18s23	1n37	22s17	14s36	19n20	19n 4	26n24	11s51	0s 9	S 1
M 2	22 58	4 28	4 25	16 56	2 36	23 49	1 51	23 27	0 35	19 16	0 40	20 48	0 41	22 36	0 2	18 23	1 38	22 16	14 36	19 20	19 4	26 23	11 53	0 9	M 2
T 3	23 3	1s21	3 40	17 11	2 31	23 38	1 52	23 32	0 36	19 17	0 40	20 46	0 41	22 37	0 2	18 24	1 38	22 16	14 35	19 20	19 3	26 23	11 55	0 9	T 3
W 4	23 8	7 18	2 42	17 28	2 25	23 26	1 52	23 37	0 36	19 18	0 40	20 45	0 41	22 37	0 2	18 24	1 38	22 16	14 35	19 20	19 2	26 22	11 57	0 8	W 4
T 5	23 13	13 6	1 32	17 46	2 18	23 14	1 53	23 41	0 37	19 19	0 40	20 44	0 41	22 38	0 2	18 25	1 38	22 15	14 35	19 21	19 1	26 22	11 59	0 8	T 5
F 6	23 17	18 25	0 15	18 5	2 11	23 1	1 53	23 46	0 37	19 20	0 40	20 43	0 41	22 38	0 3	18 25	1 38	22 15	14 34	19 21	19 1	26 22	12 1	0 8	F 6
S 7	23 20	22 47	1s 5	18 25	2 4	22 47	1 53	23 49	0 38	19 22	0 41	20 41	0 41	22 39	0 3	18 25	1 38	22 14	14 34	19 21	19 0	26 21	12 3	0 8	S 7
S 8	23 23	25 42	2 22	18 45	1 56	22 33	1 54	23 53	0 38	19 23	0 41	20 40	0 41	22 39	0 3	18 26	1 38	22 14	14 34	19 20	18 59	26 21	12 5	0 7	S 8
M 9	23 26	26 47	3 30	19 6	1 48	22 18	1 54	23 56	0 39	19 24	0 41	20 39	0 41	22 39	0 3	18 26	1 38	22 13	14 34	19 20	18 58	26 20	12 7	0 7	M 9
T 10	23 28	25 50	4 23	19 27	1 40	22 2	1 54	24 0	0 40	19 26	0 41	20 37	0 41	22 40	0 3	18 27	1 38	22 13	14 33	19 19	18 57	26 20	12 9	0 7	T 10
W11	23 30	23 3	4 58	19 48	1 32	21 46	1 54	24 2	0 40	19 27	0 41	20 36	0 41	22 40	0 3	18 27	1 38	22 12	14 33	19 18	18 57	26 19	12 11	0 7	W11
T 12	23 31	18 48	5 12	20 8	1 24	21 29	1 53	24 5	0 41	19 28	0 42	20 34	0 41	22 41	0 3	18 28	1 38	22 11	14 33	19 17	18 56	26 19	12 13	0 6	T 12
F 13	23 32	13 35	5 6	20 29	1 16	21 11	1 53	24 7	0 41	19 30	0 42	20 33	0 41	22 41	0 3	18 28	1 38	22 11	14 32	19 16	18 55	26 18	12 15	0 6	F 13
S 14	23 32	7 48	4 42	20 49	1 7	20 53	1 53	24 10	0 42	19 31	0 42	20 32	0 41	22 42	0 3	18 28	1 38	22 10	14 32	19 15	18 54	26 18	12 16	0 6	S 14
S 15	23 32	1 50	4 3	21 9	0 59	20 35	1 52	24 11	0 42	19 33	0 42	20 30	0 41	22 42	0 3	18 29	1 38	22 10	14 32	19 15	18 53	26 17	12 18	0 5	S 15
M16	23 31	4n 3	3 12	21 28	0 51	20 15	1 52	24 13	0 43	19 34	0 43	20 29	0 41	22 42	0 3	18 29	1 38	22 9	14 31	19 15	18 53	26 17	12 20	0 5	M16
T 17	23 30	9 38	2 13	21 47	0 43	19 55	1 51	24 14	0 43	19 36	0 43	20 27	0 41	22 43	0 3	18 30	1 38	22 9	14 31	19 16	18 52	26 16	12 22	0 5	T 17
W18	23 28	14 43	1 9	22 4	0 35	19 35	1 51	24 15	0 44	19 38	0 43	20 26	0 41	22 43	0 3	18 30	1 38	22 8	14 31	19 16	18 51	26 16	12 23	0 5	W18
T 19	23 26	19 7	0 3	22 21	0 27	19 14	1 50	24 16	0 44	19 39	0 43	20 24	0 41	22 44	0 3	18 30	1 38	22 8	14 31	19 16	18 50	26 15	12 25	0 4	T 19
F 20	23 23	22 40	1n 3	22 38	0 19	18 53	1 49	24 16	0 45	19 41	0 43	20 23	0 41	22 44	0 3	18 31	1 38	22 7	14 30	19 16	18 50	26 15	12 26	0 4	F 20
S 21	23 20	25 11	2 5	22 53	0 11	18 31	1 48	24 17	0 45	19 43	0 44	20 21	0 41	22 44	0 3	18 31	1 38	22 6	14 30	19 16	18 49	26 14	12 28	0 4	S 21
S 22	23 17	26 32	3 0	23 7	0 4	18 8	1 47	24 17	0 46	19 44	0 44	20 20	0 41	22 45	0 3	18 32	1 38	22 6	14 30	19 14	18 48	26 14	12 30	0 3	S 22
M23	23 13	26 39	3 48	23 21	0s 4	17 46	1 46	24 16	0 46	19 46	0 44	20 18	0 41	22 45	0 3	18 32	1 38	22 5	14 30	19 13	18 47	26 13	12 31	0 3	M23
T 24	23 8	25 33	4 26	23 33	0 11	17 22	1 44	24 16	0 47	19 48	0 44	20 17	0 41	22 46	0 3	18 32	1 38	22 5	14 29	19 11	18 46	26 13	12 33	0 3	T 24
W25	23 3	23 19	4 52	23 44	0 19	16 58	1 43	24 15	0 47	19 50	0 44	20 15	0 41	22 46	0 3	18 33	1 38	22 4	14 29	19 8	18 46	26 12	12 34	0 3	W25
T 26	22 58	20 4	5 5	23 54	0 26	16 34	1 42	24 14	0 48	19 52	0 44	20 14	0 41	22 46	0 3	18 33	1 38	22 3	14 29	19 6	18 45	26 11	12 35	0 2	T 26
F 27	22 52	15 59	5 5	24 3	0 33	16 9	1 40	24 12	0 48	19 53	0 45	20 12	0 41	22 47	0 3	18 33	1 38	22 3	14 29	19 4	18 44	26 11	12 37	0 2	F 27
S 28	22 46	11 14	4 52	24 11	0 39	15 44	1 39	24 10	0 49	19 55	0 45	20 11	0 42	22 47	0 3	18 34	1 38	22 2	14 28	19 3	18 43	26 10	12 38	0 2	S 28
S 29	22 39	5 59	4 25	24 18	0 46	15 19	1 37	24 8	0 49	19 57	0 45	20 9	0 42	22 47	0 3	18 34	1 38	22 2	14 28	19 1	18 42	26 10	12 39	0 1	S 29
M30	22 32	0 24	3 45	24 23	0 52	14 53	1 35	24 6	0 49	19 59	0 45	20 8	0 42	22 48	0 3	18 34	1 38	22 1	14 28	19 1	18 42	26 9	12 41	0 1	M30
T 31	22s24	5s21	2n53	24s27	0s58	14s27	1s33	24s 4	0s50	20n 1	0n45	20s 6	0s42	22s48	0s 3	18s35	1n38	22s 0	14s28	19n 1	18n41	26n 8	12s42	0s 1	T 31

Julian Day Number = 2201330.5, Delta T = 10m01s
Ecliptic obliquity = 23°31'46, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°11'07, Lahiri = 14°18'08 Julian Calendar 1 Dec. 1314 == Greg. Calendar 9 Dec. 1314

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ASTRODIENST EPHEMERIS for the year 1315
geocentric

JANUARY 1315 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	7 11 5	18♉20'18	3♏39	5♉17	26♒57	9♉41	4°R 4	3♒43	15♐44	29♏48	7♓52	24♉42	23♉18	21♋27	3♏27	W 1
T 2	7 15 2	19°21'25	17°16	6°49	28°10	10°27	3♌56	3°50	15°48	29°49	7°53	24°43	23°15	21°33	3°31	T 2
F 3	7 18 58	20°22'31	1♐21	8°23	29°22	11°13	3°49	3°57	15°51	29°51	7°54	24°R43	23°11	21°40	3°35	F 3
S 4	7 22 55	21°23'37	15°53	9°56	0♓34	12° 0	3°41	4° 4	15°54	29°52	7°56	24°41	23° 8	21°47	3°39	S 4
S 5	7 26 52	22°24'42	0♉50	11°31	1°46	12°46	3°33	4°11	15°57	29°54	7°57	24°37	23° 5	21°53	3°43	S 5
M 6	7 30 48	23°25'46	16° 3	13° 6	2°58	13°32	3°26	4°18	16° 0	29°56	7°58	24°30	23° 2	22° 0	3°47	M 6
T 7	7 34 45	24°26'50	1♒24	14°41	4°10	14°19	3°18	4°25	16° 3	29°57	7°59	24°21	22°59	22° 7	3°51	T 7
W 8	7 38 41	25°27'53	16°40	16°17	5°21	15° 5	3°10	4°32	16° 6	29°59	8° 0	24°11	22°56	22°14	3°54	W 8
T 9	7 42 38	26°28'55	1♓40	17°54	6°33	15°52	3° 2	4°40	16° 9	29°59	8° 2	24° 2	22°52	22°20	3°58	T 9
F 10	7 46 34	27°29'55	16°17	19°31	7°44	16°38	2°54	4°47	16°12	0♐ 1	8° 3	23°54	22°49	22°27	4° 1	F 10
S 11	7 50 31	28°30'54	0♈24	21° 9	8°56	17°25	2°46	4°54	16°15	0° 3	8° 4	23°48	22°46	22°34	4° 5	S 11
S 12	7 54 28	29°31'52	14° 1	22°48	10° 7	18°11	2°38	5° 1	16°18	0° 4	8° 5	23°45	22°43	22°40	4° 8	S 12
M13	7 58 24	0♒32'49	27°10	24°27	11°18	18°58	2°30	5° 8	16°21	0° 6	8° 7	23°D44	22°40	22°47	4°11	M13
T 14	8 2 21	1°33'44	9♉55	26° 7	12°29	19°45	2°22	5°16	16°24	0° 7	8° 8	23°44	22°36	22°54	4°14	T 14
W15	8 6 17	2°34'38	22°19	27°48	13°40	20°31	2°14	5°23	16°27	0° 8	8° 9	23°R44	22°33	23° 1	4°17	W15
T 16	8 10 14	3°35'31	4♊28	29°30	14°51	21°18	2° 6	5°30	16°29	0° 9	8°11	23°44	22°30	23° 7	4°19	T 16
F 17	8 14 10	4°36'22	16°27	1♒12	16° 2	22° 5	1°58	5°37	16°32	0°11	8°12	23°41	22°27	23°14	4°22	F 17
S 18	8 18 7	5°37'12	28°20	2°55	17°13	22°52	1°50	5°44	16°35	0°12	8°13	23°36	22°24	23°21	4°25	S 18
S 19	8 22 3	6°38'01	10♋10	4°39	18°23	23°38	1°42	5°52	16°38	0°13	8°15	23°28	22°21	23°27	4°27	S 19
M20	8 26 0	7°38'48	22° 0	6°23	19°33	24°25	1°34	5°59	16°40	0°14	8°16	23°17	22°17	23°34	4°29	M20
T 21	8 29 57	8°39'33	3♌53	8° 8	20°43	25°12	1°26	6° 6	16°43	0°15	8°18	23° 4	22°14	23°41	4°32	T 21
W22	8 33 53	9°40'18	15°49	9°54	21°54	25°59	1°19	6°13	16°45	0°16	8°19	22°50	22°11	23°47	4°34	W22
T 23	8 37 50	10°41'01	27°49	11°41	23° 3	26°45	1°11	6°20	16°48	0°17	8°20	22°35	22° 8	23°54	4°36	T 23
F 24	8 41 46	11°41'43	9♍56	13°28	24°13	27°32	1° 3	6°28	16°50	0°18	8°22	22°22	22° 5	24° 1	4°38	F 24
S 25	8 45 43	12°42'23	22° 9	15°17	25°23	28°19	0°55	6°35	16°53	0°19	8°23	22°11	22° 2	24° 8	4°39	S 25
S 26	8 49 39	13°43'02	4♎32	17° 5	26°32	29° 6	0°48	6°42	16°55	0°20	8°25	22° 3	21°58	24°14	4°41	S 26
M27	8 53 36	14°43'40	17° 6	18°55	27°42	29°53	0°40	6°49	16°58	0°21	8°26	21°58	21°55	24°21	4°43	M27
T 28	8 57 32	15°44'17	29°55	20°45	28°51	0♒40	0°32	6°56	17° 0	0°22	8°28	21°55	21°52	24°28	4°44	T 28
W29	9 1 29	16°44'52	13♏ 2	22°36	29°59	1°27	0°25	7° 3	17° 2	0°23	8°29	21°54	21°49	24°34	4°45	W29
T 30	9 5 26	17°45'26	26°30	24°27	1♈ 9	2°14	0°18	7°11	17° 4	0°24	8°31	21°54	21°46	24°41	4°46	T 30
F 31	9 9 22	18♒45'59	10♐21	26♒18	2♈17	3♒ 1	0♌10	7♒18	17♐ 7	0♐25	8♓32	21♉54	21♉42	24♋48	4♏47	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
W 1	22s16	11s 3	1n51	24s30	1s 4	14s 0	1s31	24s 1	0s50	20n 3	0n46	20s 4	0s42	22s49	0s 3	18s35	1n38	22s 0	14s27	19n 1	18n40	26n 8	12s43	0s 0	W 1
T 2	22 8	16 25	0 40	24 31	1 10	13 33	1 29	23 58	0 51	20 5	0 46	20 3	0 42	22 49	0 3	18 35	1 38	21 59	14 27	19 1	18 39	26 7	12 44	0 0	T 2
F 3	21 59	21 5	0s35	24 31	1 15	13 6	1 27	23 54	0 51	20 7	0 46	20 1	0 42	22 49	0 3	18 36	1 38	21 58	14 27	19 1	18 38	26 7	12 45	0n 0	F 3
S 4	21 49	24 37	1 51	24 30	1 21	12 38	1 25	23 51	0 52	20 9	0 46	19 59	0 42	22 50	0 3	18 36	1 38	21 58	14 27	19 1	18 38	26 6	12 47	0 0	S 4
S 5	21 39	26 32	3 1	24 27	1 26	12 10	1 22	23 47	0 52	20 11	0 46	19 58	0 42	22 50	0 3	18 36	1 38	21 57	14 26	19 0	18 37	26 5	12 48	0 1	S 5
M 6	21 29	26 31	3 59	24 23	1 30	11 42	1 20	23 43	0 53	20 13	0 46	19 56	0 42	22 50	0 3	18 36	1 38	21 56	14 26	18 58	18 36	26 5	12 49	0 1	M 6
T 7	21 19	24 28	4 40	24 17	1 35	11 13	1 17	23 38	0 53	20 15	0 46	19 55	0 42	22 51	0 3	18 37	1 38	21 56	14 26	18 56	18 35	26 4	12 50	0 1	T 7
W 8	21 8	20 41	5 1	24 10	1 39	10 45	1 15	23 34	0 54	20 17	0 47	19 53	0 42	22 51	0 3	18 37	1 39	21 55	14 26	18 53	18 34	26 3	12 51	0 2	W 8
T 9	20 56	15 36	5 1	24 2	1 43	10 15	1 12	23 29	0 54	20 19	0 47	19 51	0 42	22 51	0 3	18 37	1 39	21 54	14 26	18 51	18 34	26 3	12 51	0 2	T 9
F 10	20 44	9 45	4 41	23 52	1 47	9 46	1 9	23 23	0 54	20 21	0 47	19 50	0 42	22 52	0 3	18 38	1 39	21 54	14 25	18 49	18 33	26 2	12 52	0 2	F 10
S 11	20 32	3 34	4 4	23 40	1 50	9 17	1 6	23 18	0 55	20 23	0 47	19 48	0 42	22 52	0 3	18 38	1 39	21 53	14 25	18 48	18 32	26 1	12 53	0 3	S 11
S 12	20 20	2n34	3 15	23 27	1 53	8 47	1 3	23 12	0 55	20 25	0 47	19 46	0 42	22 52	0 3	18 38	1 39	21 52	14 25	18 47	18 31	26 1	12 54	0 3	S 12
M13	20 7	8 23	2 16	23 12	1 56	8 17	1 0	23 6	0 56	20 27	0 47	19 44	0 42	22 52	0 3	18 38	1 39	21 52	14 25	18 47	18 30	26 0	12 55	0 3	M13
T 14	19 53	13 41	1 13	22 56	1 58	7 47	0 57	23 0	0 56	20 29	0 47	19 43	0 43	22 53	0 3	18 38	1 39	21 51	14 25	18 47	18 30	25 59	12 55	0 3	T 14
W15	19 40	18 18	0 8	22 38	2 0	7 17	0 54	22 53	0 56	20 30	0 48	19 41	0 43	22 53	0 3	18 39	1 39	21 50	14 24	18 47	18 29	25 58	12 56	0 4	W15
T 16	19 25	22 3	0n57	22 19	2 1	6 46	0 51	22 46	0 57	20 32	0 48	19 39	0 43	22 53	0 3	18 39	1 39	21 50	14 24	18 47	18 28	25 58	12 57	0 4	T 16
F 17	19 11	24 47	1 58	21 58	2 3	6 16	0 47	22 39	0 57	20 34	0 48	19 38	0 43	22 54	0 3	18 39	1 39	21 49	14 24	18 46	18 27	25 57	12 57	0 4	F 17
S 18	18 56	26 24	2 53	21 35	2 4	5 45	0 44	22 32	0 58	20 36	0 48	19 36	0 43	22 54	0 3	18 39	1 39	21 48	14 24	18 45	18 26	25 56	12 58	0 5	S 18
S 19	18 41	26 47	3 40	21 11	2 4	5 14	0 41	22 24	0 58	20 38	0 48	19 34	0 43	22 54	0 3	18 40	1 39	21 48	14 24	18 43	18 25	25 55	12 58	0 5	S 19
M20	18 26	25 57	4 17	20 45	2 4	4 43	0 37	22 16	0 58	20 40	0 48	19 32	0 43	22 55	0 3	18 40	1 39	21 47	14 24	18 40	18 25	25 55	12 59	0 5	M20
T 21	18 10	23 57	4 44	20 17	2 4	4 12	0 33	22 8	0 59	20 42	0 48	19 31	0 43	22 55	0 3	18 40	1 39	21 46	14 24	18 37	18 24	25 54	12 59	0 6	T 21
W22	17 54	20 53	4 58	19 48	2 3	3 41	0 29	22 0	0 59	20 44	0 48	19 29	0 43	22 55	0 3	18 40	1 39	21 46	14 23	18 33	18 23	25 53	13 0	0 6	W22
T 23	17 37	16 56	4 59	19 17	2 1	3 10	0 26	21 51	0 59	20 46	0 48	19 27	0 43	22 55	0 3	18 40	1 39	21 45	14 23	18 29	18 22	25 52	13 0	0 6	T 23
F 24	17 21	12 17	4 46	18 45	1 59	2 38	0 22	21 42	1 0	20 47	0 48	19 26	0 43	22 56	0 3	18 40	1 39	21 44	14 23	18 26	18 21	25 51	13 0	0 7	F 24
S 25	17 4	7 6	4 20	18 11	1 57	2 7	0 18	21 33	1 0	20 49	0 49	19 24	0 43	22 56	0 3	18 41	1 39	21 44	14 23	18 23	18 21	25 51	13 1	0 7	S 25
S 26	16 46	1 35	3 42	17 35	1 54	1 36	0 14	21 24	1 0	20 51	0 49	19 22	0 43	22 56	0 3	18 41	1 39	21 43	14 23	18 21	18 20	25 50	13 1	0 7	S 26
M27	16 29	4s 5	2 53	16 58	1 51	1 4	0 10	21 14	1 1	20 53	0 49	19 20	0 43	22 56	0 3	18 41	1 39	21 42	14 23	18 20	18 19	25 49	13 1	0 8	M27
T 28	16 11	9 43	1 53	16 19	1 46	0 33	0 6	21 5	1 1	20 54	0 49	19 19	0 44	22 57	0 3	18 41	1 39	21 42	14 23	18 19	18 18	25 48	13 1	0 8	T 28
W29	15 53	15 4	0 47	15 38	1 42	0 1	0 1	20 55	1 1	20 56	0 49	19 17	0 44	22 57	0 3	18 41	1 40	21 41	14 23	18 19	18 17	25 47	13 2	0 8	W29
T 30	15 34	19 50	0s24	14 56	1 37	0n30	0n 3	20 44	1 2	20 58	0 49	19 15	0 44	22 57	0 3	18 41	1 40	21 40	14 22	18 19	18 16	25 47	13 2	0 9	T 30
F 31	15s15	23s40	1s36	14s13	1s31	1n 2	0n 7	20s34	1s 2	20n59	0n49	19s13	0s44	22s57	0s 3	18s41	1n40	21s40	14s22	18n19	18n16	25n46	13s 2	0n 9	F 31

Julian Day Number = 2201361.5, Delta T = 10m01s
Ecliptic obliquity = 23°31'47, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°11'11, Lahiri = 14°18'12 Julian Calendar 1 Jan. 1315 == Greg. Calendar 9 Jan. 1315

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ASTRODIENST EPHEMERIS for the year 1315
geocentric

FEBRUARY 1315 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	9 13 19	19♒46'31	24♐38	28♒ 9	3♈26	3♒48	0°R 3	7♒25	17♐ 9	0♐25	8♓34	21°R51	21♉39	24♋55	4♏48	S 1
S 2	9 17 15	20°47'02	9♑18	0♓ 1	4°34	4°35	29♋56	7°32	17°11	0°26	8°35	21♉46	21°36	25° 1	4°49	S 2
M 3	9 21 12	21°47'31	24°17	1°52	5°42	5°22	29°49	7°39	17°13	0°27	8°37	21°38	21°33	25° 8	4°50	M 3
T 4	9 25 8	22°47'58	9♒28	3°43	6°50	6° 9	29°42	7°46	17°15	0°27	8°38	21°27	21°30	25°15	4°51	T 4
W 5	9 29 5	23°48'24	24°40	5°33	7°58	6°56	29°36	7°53	17°17	0°28	8°40	21°15	21°27	25°21	4°51	W 5
T 6	9 33 1	24°48'48	9♓41	7°22	9° 5	7°43	29°29	8° 0	17°19	0°29	8°41	21° 4	21°23	25°28	4°52	T 6
F 7	9 36 58	25°49'11	24°23	9° 9	10°13	8°30	29°22	8° 7	17°21	0°29	8°43	20°53	21°20	25°35	4°52	F 7
S 8	9 40 55	26°49'31	8♈39	10°55	11°20	9°17	29°16	8°14	17°23	0°30	8°44	20°46	21°17	25°41	4°52	S 8
S 9	9 44 51	27°49'49	22°25	12°38	12°27	10° 4	29°10	8°21	17°24	0°30	8°46	20°41	21°14	25°48	4°R52	S 9
M10	9 48 48	28°50'05	5♉41	14°19	13°33	10°51	29° 4	8°28	17°26	0°31	8°47	20°38	21°11	25°55	4°52	M10
T 11	9 52 44	29°50'20	18°31	15°56	14°40	11°38	28°58	8°35	17°28	0°31	8°49	20°D38	21° 7	26° 2	4°52	T 11
W12	9 56 41	0♓50'32	0♊59	17°30	15°46	12°25	28°52	8°42	17°29	0°32	8°51	20°R38	21° 4	26° 8	4°51	W12
T 13	10 0 37	1°50'42	13° 9	18°59	16°52	13°13	28°46	8°49	17°31	0°32	8°52	20°37	21° 1	26°15	4°51	T 13
F 14	10 4 34	2°50'50	25° 7	20°23	17°58	14° 0	28°40	8°55	17°33	0°32	8°54	20°35	20°58	26°22	4°50	F 14
S 15	10 8 30	3°50'56	6♋59	21°42	19° 3	14°47	28°35	9° 2	17°34	0°33	8°55	20°31	20°55	26°28	4°50	S 15
S 16	10 12 27	4°51'00	18°48	22°54	20° 9	15°34	28°30	9° 9	17°35	0°33	8°57	20°23	20°52	26°35	4°49	S 16
M17	10 16 24	5°51'02	0♌39	24° 0	21°13	16°21	28°25	9°16	17°37	0°33	8°58	20°13	20°48	26°42	4°48	M17
T 18	10 20 20	6°51'01	12°35	24°59	22°18	17° 8	28°20	9°22	17°38	0°33	9° 0	20° 1	20°45	26°49	4°47	T 18
W19	10 24 17	7°50'59	24°37	25°50	23°22	17°55	28°15	9°29	17°39	0°33	9° 2	19°48	20°42	26°55	4°46	W19
T 20	10 28 13	8°50'54	6♍46	26°33	24°26	18°42	28°10	9°36	17°41	0°34	9° 3	19°35	20°39	27° 2	4°45	T 20
F 21	10 32 10	9°50'47	19° 5	27° 7	25°30	19°29	28° 6	9°42	17°42	0°34	9° 5	19°22	20°36	27° 9	4°44	F 21
S 22	10 36 6	10°50'39	1♎32	27°33	26°34	20°16	28° 2	9°49	17°43	0°34	9° 6	19°12	20°33	27°15	4°42	S 22
S 23	10 40 3	11°50'29	14°10	27°51	27°37	21° 4	27°58	9°55	17°44	0°R34	9° 8	19° 4	20°29	27°22	4°41	S 23
M24	10 43 59	12°50'16	26°58	27°59	28°39	21°51	27°54	10° 2	17°45	0°34	9°10	18°59	20°26	27°29	4°39	M24
T 25	10 47 56	13°50'02	9♏58	27°R59	29°42	22°38	27°50	10° 8	17°46	0°34	9°11	18°57	20°23	27°36	4°37	T 25
W26	10 51 52	14°49'47	23°12	27°51	0♉44	23°25	27°46	10°15	17°47	0°34	9°13	18°D57	20°20	27°42	4°36	W26
T 27	10 55 49	15°49'29	6♐41	27°35	1°46	24°12	27°43	10°21	17°48	0°33	9°14	18°58	20°17	27°49	4°34	T 27
F 28	10 59 46	16♓49'10	20♐28	27♓10	2♉47	24♒59	27♋40	10♒27	17♐49	0♐33	9♓16	18°R58	20♉13	27♋56	4♏32	F 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	14s56	26s 9	2s43	13s29	1s24	1n33	0n12	20s23	1s 2	21n 1	0n49	19s12	0s44	22s57	0s 3	18s42	1n40	21s39	14s22	18n18	18n15	25n45	13s 2	0n 9	S 1
S 2	14 37	26 54	3 42	12 43	1 17	2 4	0 16	20 12	1 3	21 2	0 49	19 10	0 44	22 58	0 3	18 42	1 40	21 38	14 22	18 16	18 14	25 44	13 2	0 10	S 2
M 3	14 18	25 43	4 27	11 56	1 9	2 35	0 21	20 1	1 3	21 4	0 49	19 8	0 44	22 58	0 3	18 42	1 40	21 38	14 22	18 14	18 13	25 43	13 2	0 10	M 3
T 4	13 58	22 40	4 53	11 8	1 1	3 7	0 25	19 50	1 3	21 5	0 49	19 6	0 44	22 58	0 3	18 42	1 40	21 37	14 22	18 12	18 12	25 42	13 1	0 10	T 4
W 5	13 38	18 3	4 59	10 19	0 52	3 38	0 30	19 38	1 3	21 7	0 49	19 5	0 44	22 58	0 3	18 42	1 40	21 36	14 22	18 9	18 11	25 41	13 1	0 11	W 5
T 6	13 18	12 21	4 44	9 29	0 42	4 9	0 35	19 26	1 4	21 8	0 49	19 3	0 44	22 58	0 3	18 42	1 40	21 36	14 22	18 5	18 11	25 41	13 1	0 11	T 6
F 7	12 58	6 4	4 11	8 39	0 31	4 40	0 39	19 14	1 4	21 10	0 49	19 1	0 44	22 59	0 3	18 42	1 40	21 35	14 22	18 3	18 10	25 40	13 1	0 11	F 7
S 8	12 37	0n21	3 22	7 49	0 20	5 11	0 44	19 2	1 4	21 11	0 49	18 59	0 44	22 59	0 3	18 42	1 40	21 34	14 22	18 1	18 9	25 39	13 1	0 12	S 8
S 9	12 16	6 32	2 23	6 58	0 8	5 41	0 49	18 49	1 4	21 13	0 49	18 58	0 45	22 59	0 3	18 42	1 40	21 34	14 22	17 59	18 8	25 38	13 0	0 12	S 9
M10	11 55	12 14	1 18	6 8	0n 4	6 12	0 54	18 37	1 5	21 14	0 49	18 56	0 45	22 59	0 3	18 42	1 40	21 33	14 22	17 59	18 7	25 37	13 0	0 12	M10
T 11	11 34	17 13	0 11	5 19	0 17	6 42	0 59	18 24	1 5	21 15	0 49	18 54	0 45	22 59	0 3	18 42	1 40	21 33	14 22	17 59	18 6	25 36	13 0	0 13	T 11
W12	11 13	21 19	0n55	4 30	0 30	7 13	1 4	18 11	1 5	21 16	0 50	18 53	0 45	23 0	0 3	18 42	1 40	21 32	14 22	17 59	18 6	25 35	12 59	0 13	W12
T 13	10 51	24 23	1 56	3 42	0 44	7 43	1 9	17 58	1 5	21 18	0 50	18 51	0 45	23 0	0 3	18 42	1 40	21 31	14 22	17 58	18 5	25 34	12 59	0 13	T 13
F 14	10 30	26 18	2 52	2 56	0 58	8 13	1 14	17 44	1 6	21 19	0 50	18 49	0 45	23 0	0 3	18 42	1 40	21 31	14 22	17 58	18 4	25 33	12 58	0 14	F 14
S 15	10 8	26 59	3 39	2 12	1 12	8 42	1 19	17 31	1 6	21 20	0 50	18 47	0 45	23 0	0 3	18 42	1 40	21 30	14 22	17 57	18 3	25 32	12 58	0 14	S 15
S 16	9 46	26 27	4 17	1 31	1 26	9 12	1 24	17 17	1 6	21 21	0 50	18 46	0 45	23 0	0 3	18 42	1 40	21 29	14 22	17 55	18 2	25 31	12 57	0 14	S 16
M17	9 24	24 42	4 44	0 52	1 40	9 41	1 29	17 3	1 6	21 22	0 50	18 44	0 45	23 0	0 3	18 42	1 40	21 29	14 22	17 52	18 1	25 30	12 56	0 15	M17
T 18	9 2	21 51	4 58	0 15	1 54	10 10	1 34	16 49	1 6	21 23	0 50	18 42	0 45	23 0	0 3	18 42	1 41	21 28	14 22	17 49	18 1	25 29	12 56	0 15	T 18
W19	8 39	18 4	5 0	0n18	2 8	10 39	1 39	16 35	1 7	21 24	0 50	18 41	0 46	23 1	0 3	18 42	1 41	21 28	14 22	17 45	18 0	25 28	12 55	0 15	W19
T 20	8 17	13 30	4 47	0 47	2 21	11 8	1 44	16 20	1 7	21 25	0 50	18 39	0 46	23 1	0 3	18 42	1 41	21 27	14 22	17 42	17 59	25 27	12 54	0 16	T 20
F 21	7 54	8 21	4 22	1 12	2 34	11 36	1 50	16 5	1 7	21 26	0 50	18 37	0 46	23 1	0 3	18 42	1 41	21 26	14 22	17 38	17 58	25 26	12 54	0 16	F 21
S 22	7 32	2 48	3 43	1 34	2 46	12 4	1 55	15 51	1 7	21 27	0 50	18 36	0 46	23 1	0 3	18 42	1 41	21 26	14 22	17 35	17 57	25 25	12 53	0 16	S 22
S 23	7 9	2s56	2 54	1 51	2 57	12 32	2 0	15 36	1 7	21 27	0 50	18 34	0 46	23 1	0 3	18 42	1 41	21 25	14 22	17 33	17 56	25 24	12 52	0 17	S 23
M24	6 46	8 39	1 54	2 3	3 7	12 59	2 5	15 21	1 7	21 28	0 50	18 32	0 46	23 1	0 3	18 42	1 41	21 25	14 22	17 32	17 56	25 23	12 51	0 17	M24
T 25	6 23	14 6	0 48	2 11	3 16	13 26	2 10	15 5	1 8	21 29	0 50	18 31	0 46	23 1	0 3	18 42	1 41	21 24	14 22	17 31	17 55	25 22	12 50	0 17	T 25
W26	6 0	19 0	0s23	2 15	3 23	13 53	2 16	14 50	1 8	21 30	0 50	18 29	0 46	23 1	0 3	18 42	1 41	21 24	14 22	17 31	17 54	25 21	12 49	0 18	W26
T 27	5 37	23 2	1 33	2 14	3 29	14 20	2 21	14 34	1 8	21 30	0 50	18 28	0 46	23 1	0 3	18 42	1 41	21 23	14 22	17 31	17 53	25 20	12 48	0 18	T 27
F 28	5s13	25s50	2s40	2n 8	3n33	14n46	2n26	14s19	1s 8	21n31	0n50	18s26	0s47	23s 2	0s 3	18s42	1n41	21s22	14s22	17n32	17n52	25n19	12s47	0n19	F 28

Julian Day Number = 2201392.5, Delta T = 10m01s
Ecliptic obliquity = 23°31'47, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°11'16, Lahiri = 14°18'16 Julian Calendar 1 Feb. 1315 == Greg. Calendar 9 Feb. 1315

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ASTRODIENST EPHEMERIS for the year 1315
geocentric

MARCH 1315 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	11 3 42	17♓48'49	4♉33	26°R39	3♉48	25♒46	27°R37	10♒33	17♐50	0°R33	9♓17	18°R57	20♉10	28♋ 2	4°R30	S 1
S 2	11 7 39	18°48'27	18°55	26♓ 2	4°48	26°33	27♋34	10°40	17°50	0♐33	9°19	18♉53	20° 7	28° 9	4♏27	S 2
M 3	11 11 35	19°48'02	3♒33	25°20	5°49	27°20	27°31	10°46	17°51	0°33	9°21	18°47	20° 4	28°16	4°25	M 3
T 4	11 15 32	20°47'36	18°20	24°33	6°48	28° 7	27°29	10°52	17°52	0°32	9°22	18°40	20° 1	28°23	4°23	T 4
W 5	11 19 28	21°47'08	3♓10	23°43	7°48	28°54	27°26	10°58	17°52	0°32	9°24	18°31	19°58	28°29	4°20	W 5
T 6	11 23 25	22°46'38	17°54	22°51	8°46	29°41	27°24	11° 4	17°53	0°32	9°25	18°22	19°54	28°36	4°17	T 6
F 7	11 27 21	23°46'06	2♈24	21°58	9°45	0♓28	27°22	11°10	17°53	0°31	9°27	18°14	19°51	28°43	4°15	F 7
S 8	11 31 18	24°45'31	16°33	21° 4	10°43	1°15	27°21	11°16	17°54	0°31	9°28	18° 8	19°48	28°49	4°12	S 8
S 9	11 35 15	25°44'55	0♉18	20°13	11°40	2° 2	27°19	11°22	17°54	0°31	9°30	18° 4	19°45	28°56	4° 9	S 9
M10	11 39 11	26°44'16	13°37	19°23	12°37	2°49	27°18	11°27	17°54	0°30	9°31	18°D 2	19°42	29° 3	4° 6	M10
T 11	11 43 8	27°43'35	26°31	18°36	13°34	3°36	27°17	11°33	17°55	0°30	9°33	18° 3	19°39	29°10	4° 3	T 11
W12	11 47 4	28°42'52	9♊ 3	17°53	14°29	4°23	27°16	11°39	17°55	0°29	9°34	18° 4	19°35	29°16	4° 0	W12
T 13	11 51 1	29°42'06	21°17	17°14	15°25	5°10	27°15	11°45	17°55	0°29	9°36	18° 5	19°32	29°23	3°57	T 13
F 14	11 54 57	0♈41'18	3♋18	16°40	16°19	5°57	27°15	11°50	17°55	0°28	9°37	18°R 5	19°29	29°30	3°54	F 14
S 15	11 58 54	1°40'28	15°12	16°12	17°13	6°44	27°14	11°56	17°R55	0°27	9°39	18° 4	19°26	29°36	3°50	S 15
S 16	12 2 50	2°39'35	27° 3	15°49	18° 7	7°31	27°D14	12° 1	17°55	0°27	9°40	18° 1	19°23	29°43	3°47	S 16
M17	12 6 47	3°38'40	8♌56	15°31	19° 0	8°18	27°14	12° 6	17°55	0°26	9°42	17°56	19°19	29°50	3°43	M17
T 18	12 10 44	4°37'43	20°55	15°19	19°52	9° 5	27°14	12°12	17°55	0°25	9°43	17°49	19°16	29°57	3°40	T 18
W19	12 14 40	5°36'43	3♍ 3	15°12	20°43	9°51	27°15	12°17	17°55	0°25	9°45	17°42	19°13	0♌ 3	3°36	W19
T 20	12 18 37	6°35'41	15°21	15°D11	21°34	10°38	27°15	12°22	17°55	0°24	9°46	17°34	19°10	0°10	3°32	T 20
F 21	12 22 33	7°34'37	27°52	15°16	22°23	11°25	27°16	12°27	17°54	0°23	9°48	17°27	19° 7	0°17	3°29	F 21
S 22	12 26 30	8°33'31	10♎36	15°25	23°13	12°12	27°17	12°32	17°54	0°22	9°49	17°21	19° 4	0°23	3°25	S 22
S 23	12 30 26	9°32'23	23°33	15°40	24° 1	12°59	27°18	12°37	17°54	0°21	9°50	17°17	19° 0	0°30	3°21	S 23
M24	12 34 23	10°31'12	6♏42	16° 0	24°48	13°45	27°19	12°42	17°53	0°20	9°52	17°15	18°57	0°37	3°17	M24
T 25	12 38 19	11°30'00	20° 4	16°24	25°35	14°32	27°21	12°47	17°53	0°20	9°53	17°D14	18°54	0°44	3°13	T 25
W26	12 42 16	12°28'47	3♐37	16°53	26°20	15°19	27°23	12°52	17°52	0°19	9°55	17°15	18°51	0°50	3° 9	W26
T 27	12 46 13	13°27'31	17°20	17°26	27° 5	16° 5	27°24	12°57	17°52	0°18	9°56	17°17	18°48	0°57	3° 5	T 27
F 28	12 50 9	14°26'14	1♑15	18° 3	27°49	16°52	27°27	13° 1	17°51	0°17	9°57	17°18	18°44	1° 4	3° 1	F 28
S 29	12 54 6	15°24'55	15°19	18°44	28°32	17°38	27°29	13° 6	17°50	0°16	9°59	17°R19	18°41	1°10	2°56	S 29
S 30	12 58 2	16°23'34	29°32	19°28	29°13	18°25	27°31	13°10	17°50	0°15	10° 0	17°18	18°38	1°17	2°52	S 30
M31	13 1 59	17♈22'12	13♒52	20♓16	29♉54	19♓12	27♋34	13♒15	17♐49	0♐14	10♓ 1	17♉16	18♉35	1♌24	2♏48	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	4s50	27s 5	3s38	1n58	3n36	15n12	2n31	14s 3	1s 8	21n32	0n49	18s24	0s47	23s 2	0s 3	18s42	1n41	21s22	14s22	17n31	17n51	25n18	12s46	0n19	S 1
S 2	4 27	26 33	4 24	1 44	3 36	15 38	2 36	13 47	1 8	21 32	0 49	18 23	0 47	23 2	0 3	18 42	1 41	21 21	14 22	17 30	17 50	25 17	12 45	0 19	S 2
M 3	4 3	24 12	4 54	1 26	3 35	16 3	2 42	13 31	1 8	21 33	0 49	18 21	0 47	23 2	0 3	18 42	1 41	21 21	14 22	17 29	17 50	25 16	12 44	0 20	M 3
T 4	3 40	20 13	5 4	1 4	3 32	16 28	2 47	13 14	1 8	21 33	0 49	18 20	0 47	23 2	0 3	18 41	1 41	21 20	14 22	17 27	17 49	25 15	12 43	0 20	T 4
W 5	3 16	14 57	4 55	0 40	3 27	16 52	2 52	12 58	1 9	21 33	0 49	18 18	0 47	23 2	0 3	18 41	1 41	21 20	14 22	17 24	17 48	25 14	12 42	0 20	W 5
T 6	2 53	8 52	4 25	0 13	3 20	17 16	2 57	12 42	1 9	21 34	0 49	18 16	0 47	23 2	0 4	18 41	1 41	21 19	14 23	17 22	17 47	25 13	12 40	0 21	T 6
F 7	2 29	2 24	3 39	0s16	3 12	17 40	3 2	12 25	1 9	21 34	0 49	18 15	0 47	23 2	0 4	18 41	1 41	21 19	14 23	17 19	17 46	25 11	12 39	0 21	F 7
S 8	2 5	4n 4	2 41	0 46	3 2	18 3	3 7	12 8	1 9	21 35	0 49	18 13	0 47	23 2	0 4	18 41	1 41	21 18	14 23	17 18	17 45	25 10	12 38	0 21	S 8
S 9	1 42	10 9	1 34	1 17	2 50	18 26	3 12	11 51	1 9	21 35	0 49	18 12	0 48	23 2	0 4	18 41	1 42	21 18	14 23	17 17	17 44	25 9	12 37	0 22	S 9
M10	1 18	15 36	0 24	1 48	2 38	18 49	3 17	11 35	1 9	21 35	0 49	18 10	0 48	23 2	0 4	18 41	1 42	21 17	14 23	17 16	17 44	25 8	12 35	0 22	M10
T 11	0 54	20 11	0n45	2 19	2 24	19 11	3 22	11 17	1 9	21 35	0 49	18 9	0 48	23 2	0 4	18 41	1 42	21 17	14 23	17 16	17 43	25 7	12 34	0 22	T 11
W12	0 31	23 43	1 51	2 49	2 10	19 32	3 27	11 0	1 9	21 35	0 49	18 7	0 48	23 2	0 4	18 40	1 42	21 16	14 23	17 17	17 42	25 6	12 33	0 23	W12
T 13	0 7	26 3	2 49	3 18	1 54	19 54	3 32	10 43	1 9	21 35	0 49	18 6	0 48	23 2	0 4	18 40	1 42	21 16	14 23	17 17	17 41	25 5	12 31	0 23	T 13
F 14	0n16	27 9	3 39	3 46	1 39	20 14	3 37	10 26	1 9	21 36	0 49	18 5	0 48	23 2	0 4	18 40	1 42	21 15	14 24	17 17	17 40	25 4	12 30	0 24	F 14
S 15	0 40	26 57	4 19	4 11	1 23	20 35	3 42	10 8	1 9	21 36	0 49	18 3	0 48	23 2	0 4	18 40	1 42	21 15	14 24	17 17	17 39	25 2	12 28	0 24	S 15
S 16	1 4	25 32	4 48	4 35	1 8	20 55	3 46	9 51	1 9	21 36	0 49	18 2	0 48	23 2	0 4	18 40	1 42	21 15	14 24	17 16	17 38	25 1	12 27	0 24	S 16
M17	1 27	22 59	5 4	4 56	0 52	21 14	3 51	9 33	1 9	21 36	0 49	18 0	0 49	23 2	0 4	18 39	1 42	21 14	14 24	17 14	17 37	25 0	12 25	0 25	M17
T 18	1 51	19 26	5 8	5 15	0 36	21 33	3 55	9 16	1 9	21 35	0 49	17 59	0 49	23 2	0 4	18 39	1 42	21 14	14 24	17 13	17 37	24 59	12 24	0 25	T 18
W19	2 14	15 2	4 57	5 32	0 21	21 51	4 0	8 58	1 9	21 35	0 49	17 58	0 49	23 2	0 4	18 39	1 42	21 13	14 24	17 10	17 36	24 58	12 22	0 25	W19
T 20	2 38	9 59	4 33	5 46	0 6	22 9	4 4	8 40	1 9	21 35	0 49	17 56	0 49	23 2	0 4	18 39	1 42	21 13	14 24	17 8	17 35	24 57	12 20	0 26	T 20
F 21	3 1	4 27	3 56	5 57	0s 8	22 26	4 9	8 22	1 9	21 35	0 49	17 55	0 49	23 2	0 4	18 39	1 42	21 12	14 25	17 6	17 34	24 55	12 19	0 26	F 21
S 22	3 24	1s22	3 6	6 6	0 22	22 43	4 13	8 4	1 9	21 35	0 49	17 54	0 49	23 2	0 4	18 38	1 42	21 12	14 25	17 5	17 33	24 54	12 17	0 26	S 22
S 23	3 48	7 14	2 5	6 13	0 35	23 0	4 17	7 46	1 9	21 34	0 49	17 52	0 49	23 2	0 4	18 38	1 42	21 12	14 25	17 3	17 32	24 53	12 16	0 27	S 23
M24	4 11	12 55	0 57	6 17	0 48	23 15	4 21	7 28	1 9	21 34	0 49	17 51	0 50	23 2	0 4	18 38	1 42	21 11	14 25	17 3	17 31	24 52	12 14	0 27	M24
T 25	4 34	18 4	0s15	6 19	1 0	23 31	4 25	7 10	1 9	21 34	0 49	17 50	0 50	23 2	0 4	18 38	1 42	21 11	14 25	17 3	17 31	24 50	12 12	0 27	T 25
W26	4 57	22 24	1 28	6 18	1 12	23 46	4 29	6 52	1 9	21 33	0 49	17 49	0 50	23 2	0 4	18 38	1 42	21 11	14 26	17 3	17 30	24 49	12 10	0 28	W26
T 27	5 20	25 32	2 37	6 15	1 22	24 0	4 32	6 34	1 8	21 33	0 48	17 47	0 50	23 2	0 4	18 37	1 42	21 10	14 26	17 3	17 29	24 48	12 9	0 28	T 27
F 28	5 43	27 9	3 37	6 10	1 33	24 13	4 36	6 15	1 8	21 33	0 48	17 46	0 50	23 2	0 4	18 37	1 42	21 10	14 26	17 4	17 28	24 47	12 7	0 29	F 28
S 29	6 5	27 2	4 25	6 3	1 42	24 27	4 39	5 57	1 8	21 32	0 48	17 45	0 50	23 2	0 4	18 37	1 42	21 10	14 26	17 4	17 27	24 45	12 5	0 29	S 29
S 30	6 28	25 10	4 58	5 53	1 51	24 39	4 43	5 39	1 8	21 32	0 48	17 44	0 50	23 2	0 4	18 37	1 42	21 9	14 26	17 4	17 26	24 44	12 3	0 29	S 30
M31	6n51	21s42	5s12	5s42	1s59	24n51	4n46	5s20	1s 8	21n31	0n48	17s43	0s51	23s 2	0s 4	18s36	1n42	21s 9	14s27	17n 3	17n25	24n43	12s 2	0n30	M31

Julian Day Number = 2201420.5, Delta T = 10m01s
Ecliptic obliquity = 23°31'48, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°11'19, Lahiri = 14°18'20 Julian Calendar 1 March 1315 == Greg. Calendar 9 March 1315

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ASTRODIENST EPHEMERIS for the year 1315
geocentric

APRIL 1315 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	13 5 55	18♈20'48	28♒15	21♓ 7	0♊33	19♓58	27♋37	13♒19	17°R48	0°R12	10♓ 3	17°R13	18♉32	1♌31	2°R43	T 1
W 2	13 9 52	19°19'22	12♓37	22° 2	1°12	20°45	27°40	13°24	17♐47	0♐11	10° 4	17♉ 9	18°29	1°37	2♏39	W 2
T 3	13 13 48	20°17'55	26°53	23° 0	1°49	21°31	27°43	13°28	17°46	0°10	10° 5	17° 5	18°25	1°44	2°35	T 3
F 4	13 17 45	21°16'25	10♈58	24° 0	2°24	22°17	27°46	13°32	17°45	0° 9	10° 6	17° 1	18°22	1°51	2°30	F 4
S 5	13 21 42	22°14'54	24°48	25° 3	2°59	23° 4	27°49	13°36	17°44	0° 8	10° 8	16°59	18°19	1°57	2°26	S 5
S 6	13 25 38	23°13'21	8♉19	26° 9	3°32	23°50	27°53	13°40	17°43	0° 7	10° 9	16°57	18°16	2° 4	2°21	S 6
M 7	13 29 35	24°11'46	21°29	27°18	4° 4	24°36	27°57	13°44	17°42	0° 5	10°10	16°D57	18°13	2°11	2°17	M 7
T 8	13 33 31	25°10'09	4♊20	28°29	4°34	25°23	28° 1	13°48	17°41	0° 4	10°11	16°58	18°10	2°18	2°12	T 8
W 9	13 37 28	26° 8'30	16°52	29°42	5° 3	26° 9	28° 5	13°51	17°40	0° 3	10°12	16°59	18° 6	2°24	2° 8	W 9
T 10	13 41 24	27° 6'49	29° 8	0♈58	5°30	26°55	28° 9	13°55	17°39	0° 2	10°14	17° 1	18° 3	2°31	2° 3	T 10
F 11	13 45 21	28° 5'05	11♋12	2°16	5°55	27°41	28°14	13°58	17°38	0° 0	10°15	17° 2	18° 0	2°38	1°59	F 11
S 12	13 49 17	29° 3'20	23° 8	3°36	6°19	28°27	28°19	14° 2	17°36	29♏59	10°16	17° 3	17°57	2°44	1°54	S 12
S 13	13 53 14	0♉ 1'33	5♌ 0	4°58	6°41	29°14	28°23	14° 5	17°35	29°58	10°17	17°R 3	17°54	2°51	1°50	S 13
M14	13 57 11	0°59'43	16°55	6°22	7° 1	29°59	28°28	14° 9	17°33	29°56	10°18	17° 2	17°50	2°58	1°45	M14
T 15	14 1 7	1°57'52	28°55	7°49	7°20	0♈46	28°34	14°12	17°32	29°55	10°19	17° 1	17°47	3° 5	1°40	T 15
W16	14 5 4	2°55'59	11♍ 6	9°17	7°36	1°32	28°39	14°15	17°31	29°54	10°20	16°59	17°44	3°11	1°36	W16
T 17	14 9 0	3°54'03	23°30	10°47	7°50	2°17	28°44	14°18	17°29	29°52	10°21	16°57	17°41	3°18	1°31	T 17
F 18	14 12 57	4°52'06	6♎10	12°20	8° 2	3° 3	28°50	14°21	17°28	29°51	10°22	16°55	17°38	3°25	1°27	F 18
S 19	14 16 53	5°50'07	19° 8	13°54	8°13	3°49	28°56	14°24	17°26	29°49	10°23	16°54	17°35	3°32	1°22	S 19
S 20	14 20 50	6°48'06	2♏23	15°31	8°20	4°35	29° 1	14°26	17°24	29°48	10°24	16°53	17°31	3°38	1°18	S 20
M21	14 24 46	7°46'04	15°56	17° 9	8°26	5°21	29° 7	14°29	17°23	29°46	10°25	16°D53	17°28	3°45	1°13	M21
T 22	14 28 43	8°44'00	29°43	18°50	8°29	6° 6	29°14	14°32	17°21	29°45	10°26	16°53	17°25	3°52	1° 8	T 22
W23	14 32 39	9°41'54	13♐42	20°32	8°R30	6°52	29°20	14°34	17°19	29°44	10°27	16°54	17°22	3°58	1° 4	W23
T 24	14 36 36	10°39'48	27°50	22°16	8°29	7°38	29°26	14°37	17°17	29°42	10°28	16°54	17°19	4° 5	1° 0	T 24
F 25	14 40 33	11°37'39	12♑ 4	24° 2	8°25	8°23	29°33	14°39	17°16	29°41	10°29	16°55	17°16	4°12	0°55	F 25
S 26	14 44 29	12°35'30	26°21	25°51	8°19	9° 9	29°40	14°41	17°14	29°39	10°30	16°55	17°12	4°19	0°51	S 26
S 27	14 48 26	13°33'20	10♒36	27°41	8°10	9°54	29°47	14°43	17°12	29°37	10°31	16°R55	17° 9	4°25	0°46	S 27
M28	14 52 22	14°31'08	24°49	29°33	7°59	10°40	29°54	14°45	17°10	29°36	10°32	16°55	17° 6	4°32	0°42	M28
T 29	14 56 19	15°28'55	8♓55	1♉27	7°46	11°25	0♌ 1	14°47	17° 8	29°34	10°32	16°55	17° 3	4°39	0°38	T 29
W30	15 0 15	16♉26'41	22♓54	3♉23	7♊30	12♈11	0♌ 8	14♒49	17♐ 6	29♏33	10♓33	16°D55	17♉ 0	4♌45	0♏33	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	7n13	16s55	5s 7	5s28	2s 7	25n 3	4n49	5s 2	1s 8	21n30	0n48	17s42	0s51	23s 2	0s 4	18s36	1n42	21s 9	14s27	17n 2	17n24	24n42	12s 0	0n30
W 2	7 35	11 11	4 42	5 13	2 14	25 14	4 52	4 43	1 8	21 30	0 48	17 41	0 51	23 2	0 4	18 36	1 43	21 8	14 27	17 1	17 23	24 40	11 58	0 30
T 3	7 58	4 55	4 1	4 56	2 20	25 24	4 54	4 25	1 8	21 29	0 48	17 40	0 51	23 2	0 4	18 36	1 43	21 8	14 27	17 0	17 23	24 39	11 56	0 31
F 4	8 20	1n32	3 5	4 37	2 26	25 34	4 57	4 6	1 8	21 28	0 48	17 38	0 51	23 2	0 4	18 35	1 43	21 8	14 28	16 59	17 22	24 38	11 54	0 31
S 5	8 42	7 48	1 59	4 16	2 31	25 43	4 59	3 48	1 7	21 28	0 48	17 37	0 51	23 2	0 4	18 35	1 43	21 8	14 28	16 58	17 21	24 36	11 52	0 31
S 6	9 3	13 35	0 47	3 54	2 35	25 52	5 1	3 29	1 7	21 27	0 48	17 36	0 51	23 2	0 4	18 35	1 43	21 7	14 28	16 58	17 20	24 35	11 50	0 32
M 7	9 25	18 36	0n25	3 30	2 39	26 0	5 3	3 11	1 7	21 26	0 48	17 35	0 52	23 1	0 4	18 34	1 43	21 7	14 28	16 58	17 19	24 34	11 49	0 32
T 8	9 47	22 38	1 34	3 5	2 42	26 7	5 4	2 52	1 7	21 25	0 48	17 35	0 52	23 1	0 4	18 34	1 43	21 7	14 29	16 58	17 18	24 32	11 47	0 32
W 9	10 8	25 29	2 37	2 38	2 44	26 14	5 6	2 33	1 7	21 24	0 48	17 34	0 52	23 1	0 4	18 34	1 43	21 7	14 29	16 58	17 17	24 31	11 45	0 33
T 10	10 29	27 3	3 32	2 9	2 46	26 20	5 7	2 15	1 7	21 23	0 48	17 33	0 52	23 1	0 4	18 34	1 43	21 6	14 29	16 59	17 16	24 30	11 43	0 33
F 11	10 50	27 18	4 16	1 40	2 48	26 25	5 8	1 56	1 6	21 22	0 48	17 32	0 52	23 1	0 4	18 33	1 43	21 6	14 29	16 59	17 16	24 28	11 41	0 33
S 12	11 11	26 17	4 48	1 8	2 48	26 30	5 8	1 38	1 6	21 21	0 48	17 31	0 52	23 1	0 4	18 33	1 43	21 6	14 30	16 59	17 15	24 27	11 39	0 34
S 13	11 31	24 4	5 9	0 36	2 48	26 34	5 8	1 19	1 6	21 20	0 48	17 30	0 53	23 1	0 4	18 33	1 43	21 6	14 30	16 59	17 14	24 26	11 37	0 34
M14	11 52	20 50	5 15	0 2	2 48	26 38	5 8	1 0	1 6	21 19	0 48	17 29	0 53	23 1	0 4	18 32	1 43	21 6	14 30	16 59	17 13	24 24	11 35	0 34
T 15	12 12	16 42	5 9	0n33	2 47	26 41	5 8	0 42	1 5	21 18	0 48	17 29	0 53	23 1	0 4	18 32	1 43	21 6	14 31	16 59	17 12	24 23	11 33	0 35
W16	12 32	11 52	4 48	1 10	2 45	26 43	5 7	0 23	1 5	21 17	0 47	17 28	0 53	23 0	0 4	18 32	1 43	21 5	14 31	16 58	17 11	24 22	11 32	0 35
T 17	12 52	6 28	4 14	1 47	2 43	26 44	5 6	0 5	1 5	21 16	0 47	17 27	0 53	23 0	0 4	18 31	1 43	21 5	14 31	16 58	17 10	24 20	11 30	0 35
F 18	13 12	0 42	3 26	2 26	2 40	26 45	5 5	0n14	1 5	21 15	0 47	17 26	0 53	23 0	0 4	18 31	1 43	21 5	14 31	16 57	17 9	24 19	11 28	0 36
S 19	13 31	5s15	2 28	3 6	2 37	26 45	5 3	0 32	1 4	21 13	0 47	17 26	0 54	23 0	0 4	18 31	1 43	21 5	14 32	16 57	17 8	24 17	11 26	0 36
S 20	13 50	11 6	1 19	3 46	2 33	26 44	5 1	0 51	1 4	21 12	0 47	17 25	0 54	23 0	0 4	18 30	1 43	21 5	14 32	16 57	17 7	24 16	11 24	0 36
M21	14 9	16 35	0 5	4 28	2 29	26 42	4 58	1 9	1 4	21 11	0 47	17 24	0 54	23 0	0 4	18 30	1 43	21 5	14 32	16 57	17 7	24 14	11 22	0 37
T 22	14 28	21 19	1s10	5 11	2 24	26 39	4 55	1 28	1 4	21 10	0 47	17 24	0 54	23 0	0 4	18 30	1 43	21 5	14 33	16 57	17 6	24 13	11 20	0 37
W23	14 46	24 54	2 23	5 55	2 19	26 36	4 51	1 46	1 3	21 8	0 47	17 23	0 54	22 59	0 4	18 29	1 43	21 5	14 33	16 57	17 5	24 12	11 18	0 37
T 24	15 5	26 59	3 28	6 39	2 13	26 32	4 47	2 4	1 3	21 7	0 47	17 23	0 54	22 59	0 4	18 29	1 43	21 5	14 33	16 57	17 4	24 10	11 16	0 38
F 25	15 23	27 18	4 20	7 24	2 6	26 27	4 43	2 23	1 3	21 5	0 47	17 22	0 55	22 59	0 4	18 29	1 43	21 4	14 34	16 57	17 3	24 9	11 15	0 38
S 26	15 41	25 49	4 57	8 10	1 59	26 21	4 38	2 41	1 2	21 4	0 47	17 22	0 55	22 59	0 4	18 28	1 43	21 4	14 34	16 57	17 2	24 7	11 13	0 38
S 27	15 58	22 41	5 15	8 57	1 52	26 14	4 32	2 59	1 2	21 2	0 47	17 21	0 55	22 59	0 4	18 28	1 43	21 4	14 34	16 57	17 1	24 6	11 11	0 39
M28	16 15	18 13	5 14	9 44	1 44	26 6	4 26	3 17	1 2	21 1	0 47	17 21	0 55	22 59	0 4	18 28	1 43	21 4	14 35	16 57	17 0	24 4	11 9	0 39
T 29	16 32	12 47	4 54	10 32	1 36	25 57	4 19	3 36	1 1	20 59	0 47	17 20	0 55	22 58	0 4	18 27	1 43	21 4	14 35	16 57	16 59	24 3	11 7	0 39
W30	16n49	6s45	4s17	11n20	1s27	25n47	4n12	3n54	1s 1	20n58	0n47	17s20	0s55	22s58	0s 4	18s27	1n43	21s 4	14s35	16n57	16n58	24n 1	11s 6	0n40

Julian Day Number = 2201451.5, Delta T = 10m01s
Ecliptic obliquity = 23°31'48, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°11'24, Lahiri = 14°18'24 Julian Calendar 1 Apr. 1315 == Greg. Calendar 9 Apr. 1315

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ASTRODIENST EPHEMERIS for the year 1315
geocentric

MAY 1315 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	15 4 12	17♉24'25	6♈42	5♉22	7°R12	12♈56	0♌16	14♒51	17°R 4	29°R31	10♓34	16♉55	16♉56	4♌52	0°R29	T 1
F 2	15 8 9	18°22'09	20°19	7°21	6♊52	13°41	0°23	14°53	17♐ 2	29♏30	10°35	16°55	16°53	4°59	0♏25	F 2
S 3	15 12 5	19°19'51	3♉43	9°23	6°29	14°27	0°31	14°54	17° 0	29°28	10°35	16°55	16°50	5° 6	0°21	S 3
S 4	15 16 2	20°17'32	16°53	11°27	6° 4	15°12	0°39	14°56	16°58	29°26	10°36	16°R55	16°47	5°12	0°17	S 4
M 5	15 19 58	21°15'12	29°47	13°32	5°37	15°57	0°47	14°57	16°56	29°25	10°37	16°55	16°44	5°19	0°12	M 5
T 6	15 23 55	22°12'50	12♊26	15°38	5° 9	16°42	0°55	14°58	16°54	29°23	10°37	16°55	16°41	5°26	0° 8	T 6
W 7	15 27 51	23°10'28	24°52	17°46	4°38	17°27	1° 3	14°59	16°52	29°22	10°38	16°54	16°37	5°32	0° 5	W 7
T 8	15 31 48	24° 8'04	7♋ 4	19°56	4° 6	18°12	1°11	15° 0	16°49	29°20	10°39	16°53	16°34	5°39	0° 1	T 8
F 9	15 35 44	25° 5'38	19° 7	22° 6	3°32	18°57	1°19	15° 1	16°47	29°18	10°39	16°52	16°31	5°46	29♎57	F 9
S 10	15 39 41	26° 3'11	1♌ 3	24°17	2°57	19°42	1°28	15° 2	16°45	29°17	10°40	16°51	16°28	5°53	29°53	S 10
S 11	15 43 38	27° 0'43	12°56	26°28	2°22	20°27	1°37	15° 3	16°43	29°15	10°40	16°51	16°25	5°59	29°49	S 11
M12	15 47 34	27°58'13	24°50	28°40	1°45	21°11	1°45	15° 4	16°40	29°14	10°41	16°D50	16°22	6° 6	29°46	M12
T 13	15 51 31	28°55'42	6♍50	0♊52	1° 8	21°56	1°54	15° 4	16°38	29°12	10°41	16°50	16°18	6°13	29°42	T 13
W14	15 55 27	29°53'09	19° 0	3° 4	0°30	22°41	2° 3	15° 5	16°36	29°10	10°42	16°51	16°15	6°20	29°38	W14
T 15	15 59 24	0♊50'36	1♎25	5°15	29♉52	23°25	2°12	15° 5	16°34	29° 9	10°42	16°52	16°12	6°26	29°35	T 15
F 16	16 3 20	1°48'01	14° 9	7°25	29°15	24°10	2°21	15° 5	16°31	29° 7	10°43	16°53	16° 9	6°33	29°32	F 16
S 17	16 7 17	2°45'24	27°14	9°34	28°37	24°54	2°31	15° 6	16°29	29° 5	10°43	16°54	16° 6	6°40	29°28	S 17
S 18	16 11 13	3°42'47	10♏41	11°43	28° 1	25°39	2°40	15°R 6	16°26	29° 4	10°44	16°R55	16° 2	6°46	29°25	S 18
M19	16 15 10	4°40'09	24°31	13°49	27°25	26°23	2°50	15° 6	16°24	29° 2	10°44	16°55	15°59	6°53	29°22	M19
T 20	16 19 7	5°37'30	8♐41	15°54	26°50	27° 7	2°59	15° 6	16°22	29° 1	10°44	16°54	15°56	7° 0	29°19	T 20
W21	16 23 3	6°34'50	23° 7	17°57	26°17	27°52	3° 9	15° 5	16°19	28°59	10°45	16°52	15°53	7° 7	29°16	W21
T 22	16 27 0	7°32'09	7♑44	19°58	25°45	28°36	3°19	15° 5	16°17	28°57	10°45	16°50	15°50	7°13	29°13	T 22
F 23	16 30 56	8°29'28	22°24	21°57	25°15	29°20	3°28	15° 5	16°15	28°56	10°45	16°47	15°47	7°20	29°10	F 23
S 24	16 34 53	9°26'46	7♒ 1	23°54	24°46	0♉ 4	3°38	15° 4	16°12	28°54	10°46	16°44	15°43	7°27	29° 7	S 24
S 25	16 38 49	10°24'04	21°29	25°48	24°20	0°48	3°48	15° 4	16°10	28°53	10°46	16°42	15°40	7°33	29° 5	S 25
M26	16 42 46	11°21'21	5♓45	27°40	23°55	1°32	3°59	15° 3	16° 7	28°51	10°46	16°D41	15°37	7°40	29° 2	M26
T 27	16 46 42	12°18'38	19°46	29°30	23°33	2°16	4° 9	15° 2	16° 5	28°49	10°46	16°41	15°34	7°47	29° 0	T 27
W28	16 50 39	13°15'54	3♈31	1♋18	23°13	3° 0	4°19	15° 1	16° 2	28°48	10°46	16°42	15°31	7°54	28°57	W28
T 29	16 54 36	14°13'11	17° 0	3° 3	22°55	3°43	4°30	15° 0	16° 0	28°46	10°46	16°44	15°28	8° 0	28°55	T 29
F 30	16 58 32	15°10'26	0♉14	4°45	22°40	4°27	4°40	14°59	15°57	28°45	10°47	16°45	15°24	8° 7	28°53	F 30
S 31	17 2 29	16♊ 7'42	13♉14	6♋26	22♉27	5♉11	4♌51	14♒58	15♐55	28♏43	10♓47	16°R46	15♉21	8♌14	28♎51	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	17n 6	0s28	3s25	12n 8	1s18	25n37	4n 4	4n12	1s 1	20n56	0n47	17s20	0s56	22s58	0s 4	18s27	1n43	21s 4	14s36	16n57	16n58	24n 0	11s 4	0n40	T 1
F 2	17 22	5n47	2 22	12 56	1 9	25 25	3 56	4 30	1 0	20 54	0 47	17 19	0 56	22 58	0 4	18 26	1 43	21 4	14 36	16 57	16 57	23 58	11 2	0 40	F 2
S 3	17 38	11 40	1 13	13 45	0 59	25 12	3 47	4 48	1 0	20 53	0 47	17 19	0 56	22 58	0 4	18 26	1 43	21 4	14 36	16 57	16 56	23 57	11 0	0 40	S 3
S 4	17 53	16 56	0 0	14 33	0 49	24 58	3 38	5 5	1 0	20 51	0 47	17 19	0 56	22 58	0 4	18 26	1 43	21 4	14 37	16 57	16 55	23 55	10 58	0 41	S 4
M 5	18 8	21 20	1n11	15 21	0 39	24 44	3 28	5 23	0 59	20 49	0 47	17 18	0 56	22 57	0 4	18 25	1 43	21 4	14 37	16 57	16 54	23 54	10 57	0 41	M 5
T 6	18 24	24 38	2 17	16 8	0 28	24 28	3 17	5 41	0 59	20 47	0 47	17 18	0 56	22 57	0 4	18 25	1 43	21 5	14 37	16 57	16 53	23 52	10 55	0 41	T 6
W 7	18 38	26 41	3 15	16 55	0 18	24 11	3 6	5 58	0 59	20 45	0 47	17 18	0 57	22 57	0 4	18 25	1 43	21 5	14 38	16 57	16 52	23 51	10 53	0 42	W 7
T 8	18 53	27 23	4 3	17 41	0 7	23 54	2 54	6 16	0 58	20 44	0 47	17 18	0 57	22 57	0 4	18 24	1 43	21 5	14 38	16 57	16 51	23 49	10 52	0 42	T 8
F 9	19 7	26 47	4 40	18 25	0n 4	23 36	2 42	6 33	0 58	20 42	0 46	17 18	0 57	22 57	0 4	18 24	1 43	21 5	14 38	16 56	16 50	23 48	10 50	0 42	F 9
S 10	19 20	24 57	5 4	19 9	0 14	23 17	2 30	6 51	0 57	20 40	0 46	17 18	0 57	22 56	0 4	18 24	1 43	21 5	14 39	16 56	16 49	23 46	10 49	0 43	S 10
S 11	19 34	22 2	5 15	19 50	0 25	22 57	2 17	7 8	0 57	20 38	0 46	17 18	0 57	22 56	0 4	18 23	1 43	21 5	14 39	16 56	16 48	23 45	10 47	0 43	S 11
M12	19 47	18 12	5 13	20 30	0 35	22 37	2 4	7 25	0 57	20 36	0 46	17 18	0 57	22 56	0 4	18 23	1 43	21 5	14 39	16 56	16 48	23 43	10 45	0 43	M12
T 13	20 0	13 38	4 57	21 8	0 45	22 16	1 50	7 43	0 56	20 34	0 46	17 18	0 58	22 56	0 4	18 23	1 43	21 5	14 40	16 56	16 47	23 41	10 44	0 43	T 13
W14	20 12	8 28	4 28	21 44	0 54	21 54	1 37	8 0	0 56	20 32	0 46	17 18	0 58	22 55	0 4	18 22	1 43	21 5	14 40	16 56	16 46	23 40	10 42	0 44	W14
T 15	20 24	2 53	3 46	22 18	1 3	21 33	1 23	8 17	0 55	20 30	0 46	17 18	0 58	22 55	0 4	18 22	1 43	21 6	14 40	16 56	16 45	23 38	10 41	0 44	T 15
F 16	20 36	2s58	2 51	22 49	1 12	21 11	1 8	8 33	0 55	20 28	0 46	17 18	0 58	22 55	0 4	18 22	1 43	21 6	14 41	16 57	16 44	23 37	10 39	0 44	F 16
S 17	20 47	8 52	1 47	23 17	1 20	20 49	0 54	8 50	0 54	20 25	0 46	17 18	0 58	22 55	0 4	18 21	1 43	21 6	14 41	16 57	16 43	23 35	10 38	0 45	S 17
S 18	20 58	14 33	0 34	23 43	1 28	20 27	0 40	9 7	0 54	20 23	0 46	17 18	0 58	22 55	0 4	18 21	1 43	21 6	14 42	16 57	16 42	23 34	10 37	0 45	S 18
M19	21 9	19 39	0s42	24 6	1 34	20 5	0 26	9 23	0 53	20 21	0 46	17 18	0 59	22 54	0 4	18 20	1 43	21 6	14 42	16 57	16 41	23 32	10 35	0 45	M19
T 20	21 19	23 46	1 57	24 27	1 41	19 43	0 12	9 40	0 53	20 19	0 46	17 18	0 59	22 54	0 4	18 20	1 43	21 6	14 42	16 57	16 40	23 30	10 34	0 45	T 20
W21	21 29	26 27	3 6	24 44	1 46	19 22	0s 2	9 56	0 52	20 17	0 46	17 19	0 59	22 54	0 4	18 20	1 43	21 7	14 43	16 56	16 39	23 29	10 33	0 46	W21
T 22	21 39	27 22	4 4	24 59	1 51	19 1	0 16	10 12	0 52	20 14	0 46	17 19	0 59	22 54	0 4	18 19	1 43	21 7	14 43	16 56	16 38	23 27	10 31	0 46	T 22
F 23	21 48	26 22	4 46	25 12	1 55	18 40	0 29	10 29	0 51	20 12	0 46	17 19	0 59	22 53	0 4	18 19	1 43	21 7	14 43	16 55	16 37	23 25	10 30	0 46	F 23
S 24	21 57	23 34	5 10	25 21	1 58	18 21	0 42	10 45	0 51	20 10	0 46	17 19	1 0	22 53	0 4	18 19	1 43	21 7	14 44	16 54	16 37	23 24	10 29	0 46	S 24
S 25	22 6	19 19	5 13	25 28	2 1	18 2	0 55	11 1	0 50	20 7	0 46	17 20	1 0	22 53	0 4	18 18	1 43	21 8	14 44	16 54	16 36	23 22	10 28	0 47	S 25
M26	22 14	14 2	4 57	25 33	2 2	17 44	1 8	11 16	0 50	20 5	0 46	17 20	1 0	22 53	0 4	18 18	1 43	21 8	14 45	16 53	16 35	23 20	10 26	0 47	M26
T 27	22 21	8 6	4 23	25 35	2 4	17 26	1 20	11 32	0 49	20 2	0 46	17 21	1 0	22 52	0 4	18 18	1 43	21 8	14 45	16 53	16 34	23 19	10 25	0 47	T 27
W28	22 29	1 53	3 35	25 35	2 4	17 10	1 32	11 48	0 49	20 0	0 46	17 21	1 0	22 52	0 4	18 18	1 43	21 8	14 45	16 54	16 33	23 17	10 24	0 47	W28
T 29	22 36	4n18	2 36	25 33	2 3	16 55	1 43	12 3	0 48	19 57	0 46	17 21	1 0	22 52	0 5	18 17	1 43	21 9	14 46	16 54	16 32	23 15	10 23	0 48	T 29
F 30	22 42	10 12	1 29	25 29	2 2	16 40	1 54	12 18	0 48	19 55	0 46	17 22	1 1	22 52	0 5	18 17	1 43	21 9	14 46	16 54	16 31	23 14	10 22	0 48	F 30
S 31	22n48	15n34	0s19	25n23	2n 0	16n27	2s 5	12n33	0s47	19n52	0n46	17s22	1s 1	22s51	0s 5	18s17	1n43	21s 9	14s46	16n55	16n30	23n12	10s21	0n48	S 31

Julian Day Number = 2201481.5, Delta T = 10m01s
Ecliptic obliquity = 23°31'48, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°11'28, Lahiri = 14°18'28 Julian Calendar 1 May 1315 == Greg. Calendar 9 May 1315

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ASTRODIENST EPHEMERIS for the year 1315
geocentric

JUNE 1315 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	17 6 25	17♊ 4'57	26♉ 2	8♋ 3	22°R17	5♉54	5♌ 1	14°R57	15°R53	28°R42	10♓47	16°R46	15♉18	8♌21	28°R49	S 1
M 2	17 10 22	18° 2'12	8♊37	9°38	22♉ 9	6°38	5°12	14♒55	15♐50	28♏40	10°47	16♉44	15°15	8°27	28♎47	M 2
T 3	17 14 18	18°59'27	21° 2	11°11	22° 3	7°21	5°23	14°54	15°48	28°39	10°R47	16°41	15°12	8°34	28°45	T 3
W 4	17 18 15	19°56'41	3♋17	12°41	22° 0	8° 5	5°34	14°52	15°45	28°37	10°47	16°36	15° 8	8°41	28°43	W 4
T 5	17 22 11	20°53'54	15°23	14° 9	21°D59	8°48	5°45	14°51	15°43	28°36	10°47	16°30	15° 5	8°47	28°42	T 5
F 6	17 26 8	21°51'08	27°22	15°34	22° 0	9°31	5°56	14°49	15°40	28°34	10°47	16°24	15° 2	8°54	28°40	F 6
S 7	17 30 5	22°48'20	9♌16	16°57	22° 3	10°15	6° 7	14°47	15°38	28°33	10°47	16°18	14°59	9° 1	28°39	S 7
S 8	17 34 1	23°45'32	21° 7	18°17	22° 9	10°58	6°18	14°45	15°35	28°31	10°47	16°13	14°56	9° 8	28°37	S 8
M 9	17 37 58	24°42'44	3♍ 0	19°34	22°17	11°41	6°29	14°43	15°33	28°30	10°46	16° 9	14°53	9°14	28°36	M 9
T 10	17 41 54	25°39'55	14°59	20°48	22°27	12°24	6°40	14°41	15°31	28°29	10°46	16° 7	14°49	9°21	28°35	T 10
W11	17 45 51	26°37'06	27° 6	22° 0	22°39	13° 7	6°52	14°39	15°28	28°27	10°46	16°D 6	14°46	9°28	28°34	W11
T 12	17 49 47	27°34'16	9♎29	23° 9	22°54	13°50	7° 3	14°37	15°26	28°26	10°46	16° 7	14°43	9°35	28°33	T 12
F 13	17 53 44	28°31'26	22°10	24°15	23°10	14°32	7°15	14°34	15°23	28°24	10°46	16° 8	14°40	9°41	28°32	F 13
S 14	17 57 40	29°28'36	5♏14	25°18	23°28	15°15	7°26	14°32	15°21	28°23	10°46	16° 9	14°37	9°48	28°31	S 14
S 15	18 1 37	0♋25'45	18°45	26°18	23°47	15°58	7°38	14°29	15°19	28°22	10°45	16°R10	14°34	9°55	28°31	S 15
M16	18 5 34	1°22'55	2♐42	27°14	24° 9	16°40	7°50	14°27	15°16	28°21	10°45	16° 8	14°30	10° 1	28°30	M16
T 17	18 9 30	2°20'04	17° 6	28° 8	24°32	17°23	8° 1	14°24	15°14	28°19	10°45	16° 5	14°27	10° 8	28°30	T 17
W18	18 13 27	3°17'13	1♑51	28°58	24°57	18° 5	8°13	14°21	15°12	28°18	10°44	16° 0	14°24	10°15	28°30	W18
T 19	18 17 23	4°14'22	16°50	29°44	25°24	18°48	8°25	14°19	15°10	28°17	10°44	15°54	14°21	10°22	28°29	T 19
F 20	18 21 20	5°11'31	1♒54	0♌27	25°52	19°30	8°37	14°16	15° 7	28°16	10°44	15°47	14°18	10°28	28°D29	F 20
S 21	18 25 16	6° 8'41	16°54	1° 6	26°22	20°12	8°49	14°13	15° 5	28°14	10°43	15°40	14°14	10°35	28°29	S 21
S 22	18 29 13	7° 5'51	1♓41	1°41	26°53	20°54	9° 1	14°10	15° 3	28°13	10°43	15°34	14°11	10°42	28°29	S 22
M23	18 33 10	8° 3'01	16° 9	2°13	27°25	21°36	9°13	14° 7	15° 1	28°12	10°42	15°30	14° 8	10°49	28°30	M23
T 24	18 37 6	9° 0'12	0♈14	2°40	27°59	22°18	9°25	14° 3	14°58	28°11	10°42	15°28	14° 5	10°55	28°30	T 24
W25	18 41 3	9°57'23	13°56	3° 2	28°34	23° 0	9°37	14° 0	14°56	28°10	10°42	15°D28	14° 2	11° 2	28°30	W25
T 26	18 44 59	10°54'35	27°16	3°20	29°10	23°42	9°49	13°57	14°54	28° 9	10°41	15°28	13°59	11° 9	28°31	T 26
F 27	18 48 56	11°51'48	10♉17	3°34	29°48	24°24	10° 2	13°53	14°52	28° 8	10°41	15°R29	13°55	11°15	28°32	F 27
S 28	18 52 52	12°49'01	23° 1	3°43	0♊26	25° 6	10°14	13°50	14°50	28° 7	10°40	15°29	13°52	11°22	28°32	S 28
S 29	18 56 49	13°46'15	5♊31	3°R47	1° 6	25°48	10°26	13°46	14°48	28° 5	10°39	15°27	13°49	11°29	28°33	S 29
M30	19 0 45	14♋43'30	17♊51	3♌46	1♊47	26♉29	10♌39	13♒43	14♐46	28♏ 4	10♓39	15♉23	13♉46	11♌36	28♎34	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n54	20n 9	0n50	25n15	1n58	16n14	2s15	12n48	0s47	19n50	0n46	17s23	1s 1	22s51	0s 5	18s16	1n43	21s10	14s47	16n55	16n29	23n10	10s20	0n48
M 2	22 59	23 45	1 57	25 5	1 55	16 3	2 24	13 3	0 46	19 47	0 46	17 24	1 1	22 51	0 5	18 16	1 43	21 10	14 47	16 54	16 28	23 9	10 19	0 49
T 3	23 4	26 9	2 56	24 54	1 51	15 53	2 33	13 18	0 46	19 44	0 46	17 24	1 1	22 51	0 5	18 16	1 43	21 10	14 47	16 53	16 27	23 7	10 18	0 49
W 4	23 9	27 16	3 46	24 41	1 46	15 44	2 42	13 33	0 45	19 42	0 46	17 25	1 1	22 50	0 5	18 15	1 43	21 11	14 48	16 52	16 26	23 5	10 18	0 49
T 5	23 13	27 3	4 26	24 27	1 41	15 36	2 50	13 47	0 44	19 39	0 46	17 25	1 2	22 50	0 5	18 15	1 43	21 11	14 48	16 50	16 25	23 3	10 17	0 49
F 6	23 17	25 33	4 53	24 11	1 35	15 28	2 58	14 2	0 44	19 36	0 46	17 26	1 2	22 50	0 5	18 15	1 43	21 11	14 49	16 48	16 24	23 2	10 16	0 50
S 7	23 20	22 57	5 8	23 55	1 29	15 22	3 5	14 16	0 43	19 33	0 46	17 27	1 2	22 50	0 5	18 14	1 43	21 12	14 49	16 47	16 24	23 0	10 15	0 50
S 8	23 23	19 23	5 9	23 37	1 22	15 17	3 12	14 30	0 43	19 31	0 46	17 28	1 2	22 49	0 5	18 14	1 43	21 12	14 49	16 45	16 23	22 58	10 15	0 50
M 9	23 25	15 3	4 57	23 19	1 14	15 13	3 18	14 44	0 42	19 28	0 46	17 28	1 2	22 49	0 5	18 14	1 43	21 12	14 50	16 44	16 22	22 57	10 14	0 50
T 10	23 28	10 7	4 32	23 0	1 6	15 10	3 24	14 58	0 41	19 25	0 46	17 29	1 2	22 49	0 5	18 14	1 43	21 13	14 50	16 43	16 21	22 55	10 13	0 51
W11	23 29	4 44	3 54	22 40	0 57	15 7	3 30	15 11	0 41	19 22	0 46	17 30	1 3	22 49	0 5	18 13	1 43	21 13	14 50	16 43	16 20	22 53	10 13	0 51
T 12	23 30	0s56	3 5	22 19	0 47	15 6	3 35	15 25	0 40	19 19	0 46	17 31	1 3	22 48	0 5	18 13	1 43	21 14	14 51	16 43	16 19	22 51	10 12	0 51
F 13	23 31	6 43	2 6	21 58	0 37	15 5	3 40	15 38	0 40	19 16	0 46	17 32	1 3	22 48	0 5	18 13	1 43	21 14	14 51	16 44	16 18	22 49	10 12	0 51
S 14	23 32	12 24	0 59	21 36	0 27	15 5	3 44	15 51	0 39	19 13	0 46	17 32	1 3	22 48	0 5	18 13	1 43	21 14	14 51	16 44	16 17	22 48	10 11	0 52
S 15	23 32	17 41	0s14	21 14	0 16	15 6	3 48	16 4	0 38	19 10	0 46	17 33	1 3	22 48	0 5	18 12	1 43	21 15	14 52	16 44	16 16	22 46	10 11	0 52
M16	23 31	22 13	1 28	20 52	0 5	15 8	3 52	16 17	0 38	19 7	0 46	17 34	1 3	22 47	0 5	18 12	1 42	21 15	14 52	16 44	16 15	22 44	10 10	0 52
T 17	23 31	25 32	2 39	20 30	0s 7	15 10	3 55	16 30	0 37	19 4	0 46	17 35	1 4	22 47	0 5	18 12	1 42	21 16	14 53	16 43	16 14	22 42	10 10	0 52
W18	23 29	27 12	3 41	20 8	0 19	15 13	3 59	16 42	0 36	19 1	0 46	17 36	1 4	22 47	0 5	18 12	1 42	21 16	14 53	16 41	16 13	22 40	10 10	0 52
T 19	23 28	26 54	4 28	19 45	0 32	15 17	4 1	16 54	0 36	18 58	0 46	17 37	1 4	22 47	0 5	18 11	1 42	21 17	14 53	16 40	16 12	22 39	10 10	0 53
F 20	23 26	24 39	4 58	19 24	0 45	15 21	4 4	17 7	0 35	18 55	0 46	17 38	1 4	22 46	0 5	18 11	1 42	21 17	14 54	16 37	16 11	22 37	10 9	0 53
S 21	23 23	20 41	5 7	19 2	0 59	15 26	4 6	17 19	0 34	18 52	0 46	17 39	1 4	22 46	0 5	18 11	1 42	21 18	14 54	16 35	16 10	22 35	10 9	0 53
S 22	23 20	15 30	4 55	18 41	1 12	15 31	4 8	17 31	0 34	18 48	0 46	17 40	1 4	22 46	0 5	18 11	1 42	21 18	14 54	16 34	16 9	22 33	10 9	0 53
M23	23 17	9 32	4 24	18 20	1 27	15 37	4 9	17 42	0 33	18 45	0 46	17 41	1 5	22 46	0 5	18 10	1 42	21 18	14 55	16 33	16 8	22 31	10 9	0 53
T 24	23 13	3 14	3 38	18 0	1 41	15 43	4 11	17 54	0 32	18 42	0 46	17 42	1 5	22 45	0 5	18 10	1 42	21 19	14 55	16 32	16 8	22 30	10 9	0 54
W25	23 9	3n 3	2 41	17 41	1 55	15 49	4 12	18 5	0 32	18 39	0 46	17 43	1 5	22 45	0 5	18 10	1 42	21 19	14 55	16 32	16 7	22 28	10 9	0 54
T 26	23 5	9 3	1 36	17 23	2 10	15 56	4 12	18 16	0 31	18 36	0 46	17 44	1 5	22 45	0 5	18 10	1 42	21 20	14 56	16 32	16 6	22 26	10 9	0 54
F 27	23 0	14 31	0 28	17 6	2 24	16 4	4 13	18 27	0 30	18 32	0 46	17 46	1 5	22 45	0 5	18 10	1 42	21 20	14 56	16 32	16 5	22 24	10 9	0 54
S 28	22 55	19 15	0n40	16 49	2 39	16 11	4 13	18 38	0 29	18 29	0 46	17 47	1 5	22 45	0 5	18 9	1 42	21 21	14 56	16 32	16 4	22 22	10 9	0 54
S 29	22 49	23 2	1 45	16 34	2 53	16 19	4 13	18 49	0 29	18 26	0 46	17 48	1 5	22 44	0 5	18 9	1 42	21 21	14 57	16 32	16 3	22 20	10 9	0 55
M30	22n43	25n41	2n44	16n21	3s 7	16n28	4s13	18n59	0s28	18n22	0n46	17s49	1s 6	22s44	0s 5	18s 9	1n42	21s22	14s57	16n31	16n 2	22n18	10s 9	0n55

Julian Day Number = 2201512.5, Delta T = 10m01s
Ecliptic obliquity = 23°31'47, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°11'32, Lahiri = 14°18'33 Julian Calendar 1 June 1315 == Greg. Calendar 9 June 1315

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1315
geocentric

JULY 1315 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	19 4 42	15♋40'45	0♋ 2	3°R41	2♊29	27♉11	10♌51	13°R39	14°R44	28°R 4	10°R38	15°R16	13♉43	11♌42	28♎35	T 1
W 2	19 8 39	16°38'01	12° 7	3♌30	3°11	27°52	11° 4	13♒35	14♐42	28♏ 3	10♓38	15♉ 7	13°40	11°49	28°37	W 2
T 3	19 12 35	17°35'17	24° 5	3°15	3°55	28°33	11°16	13°32	14°40	28° 2	10°37	14°56	13°36	11°56	28°38	T 3
F 4	19 16 32	18°32'34	6♌ 0	2°55	4°40	29°15	11°29	13°28	14°38	28° 1	10°36	14°44	13°33	12° 2	28°39	F 4
S 5	19 20 28	19°29'52	17°52	2°31	5°25	29°56	11°41	13°24	14°36	28° 0	10°36	14°32	13°30	12° 9	28°41	S 5
S 6	19 24 25	20°27'09	29°43	2° 2	6°11	0♊37	11°54	13°20	14°34	27°59	10°35	14°22	13°27	12°16	28°42	S 6
M 7	19 28 21	21°24'28	11♍36	1°30	6°58	1°18	12° 7	13°16	14°33	27°58	10°34	14°13	13°24	12°23	28°44	M 7
T 8	19 32 18	22°21'46	23°34	0°54	7°46	1°59	12°19	13°12	14°31	27°57	10°33	14° 7	13°20	12°29	28°46	T 8
W 9	19 36 14	23°19'05	5♎40	0°15	8°35	2°40	12°32	13° 8	14°29	27°57	10°33	14° 3	13°17	12°36	28°48	W 9
T 10	19 40 11	24°16'25	18° 0	29♋33	9°24	3°21	12°45	13° 4	14°27	27°56	10°32	14° 2	13°14	12°43	28°50	T 10
F 11	19 44 8	25°13'45	0♏37	28°50	10°14	4° 1	12°58	13° 0	14°26	27°55	10°31	14°D 2	13°11	12°50	28°52	F 11
S 12	19 48 4	26°11'06	13°36	28° 6	11° 5	4°42	13°10	12°55	14°24	27°55	10°30	14°R 2	13° 8	12°56	28°54	S 12
S 13	19 52 1	27° 8'28	27° 2	27°21	11°56	5°23	13°23	12°51	14°23	27°54	10°30	14° 2	13° 5	13° 3	28°57	S 13
M14	19 55 57	28° 5'50	10♐57	26°37	12°48	6° 3	13°36	12°47	14°21	27°53	10°29	13°59	13° 1	13°10	28°59	M14
T 15	19 59 54	29° 3'12	25°21	25°55	13°41	6°43	13°49	12°43	14°20	27°53	10°28	13°55	12°58	13°16	29° 2	T 15
W16	20 3 50	0♌ 0'36	10♑11	25°15	14°34	7°24	14° 2	12°38	14°18	27°52	10°27	13°47	12°55	13°23	29° 4	W16
T 17	20 7 47	0°58'00	25°20	24°37	15°28	8° 4	14°15	12°34	14°17	27°52	10°26	13°38	12°52	13°30	29° 7	T 17
F 18	20 11 43	1°55'26	10♒39	24° 3	16°22	8°44	14°28	12°30	14°15	27°51	10°25	13°27	12°49	13°37	29°10	F 18
S 19	20 15 40	2°52'52	25°55	23°34	17°17	9°24	14°41	12°25	14°14	27°51	10°24	13°17	12°46	13°43	29°13	S 19
S 20	20 19 37	3°50'19	10♓59	23°10	18°12	10° 4	14°54	12°21	14°13	27°50	10°23	13° 8	12°42	13°50	29°16	S 20
M21	20 23 33	4°47'48	25°41	22°51	19° 8	10°44	15° 7	12°16	14°11	27°50	10°22	13° 2	12°39	13°57	29°19	M21
T 22	20 27 30	5°45'18	9♈56	22°38	20° 4	11°24	15°20	12°12	14°10	27°49	10°21	12°58	12°36	14° 4	29°22	T 22
W23	20 31 26	6°42'49	23°43	22°D32	21° 1	12° 3	15°33	12° 7	14° 9	27°49	10°20	12°56	12°33	14°10	29°26	W23
T 24	20 35 23	7°40'22	7♉ 4	22°32	21°58	12°43	15°46	12° 3	14° 8	27°49	10°19	12°56	12°30	14°17	29°29	T 24
F 25	20 39 19	8°37'57	20° 1	22°39	22°56	13°23	15°59	11°58	14° 7	27°49	10°18	12°56	12°26	14°24	29°32	F 25
S 26	20 43 16	9°35'33	2♊38	22°53	23°54	14° 2	16°12	11°54	14° 6	27°48	10°17	12°55	12°23	14°30	29°36	S 26
S 27	20 47 12	10°33'10	14°59	23°14	24°53	14°41	16°25	11°49	14° 5	27°48	10°16	12°52	12°20	14°37	29°40	S 27
M28	20 51 9	11°30'49	27° 9	23°43	25°52	15°21	16°38	11°45	14° 4	27°48	10°15	12°46	12°17	14°44	29°44	M28
T 29	20 55 6	12°28'29	9♋11	24°18	26°51	16° 0	16°51	11°40	14° 3	27°48	10°14	12°38	12°14	14°51	29°48	T 29
W30	20 59 2	13°26'11	21° 8	25° 1	27°51	16°39	17° 4	11°36	14° 2	27°48	10°13	12°27	12°11	14°57	29°52	W30
T 31	21 2 59	14♌23'55	3♌ 2	25♋50	28♊51	17♊18	17♌17	11♒31	14♐ 1	27♏48	10♓12	12♉14	12♉ 7	15♌ 4	29♎56	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n36	27n 6	3n34	16n 9	3s21	16n36	4s13	19n10	0s27	18n19	0n46	17s50	1s 6	22s44	0s 5	18s 9	1n42	21s23	14s57	16n28	16n 1	22n16	10s 9	0n55
W 2	22 29	27 12	4 14	15 58	3 35	16 45	4 12	19 20	0 27	18 15	0 46	17 52	1 6	22 44	0 5	18 9	1 42	21 23	14 58	16 26	16 0	22 15	10 10	0 55
T 3	22 22	26 1	4 43	15 49	3 47	16 53	4 12	19 30	0 26	18 12	0 46	17 53	1 6	22 43	0 5	18 9	1 42	21 24	14 58	16 23	15 59	22 13	10 10	0 55
F 4	22 14	23 40	4 59	15 42	3 59	17 2	4 11	19 39	0 25	18 9	0 46	17 54	1 6	22 43	0 5	18 8	1 42	21 24	14 58	16 19	15 58	22 11	10 10	0 56
S 5	22 6	20 19	5 2	15 36	4 11	17 11	4 10	19 49	0 24	18 5	0 46	17 55	1 6	22 43	0 5	18 8	1 42	21 25	14 59	16 16	15 57	22 9	10 11	0 56
S 6	21 58	16 9	4 52	15 33	4 21	17 20	4 9	19 58	0 24	18 2	0 46	17 56	1 6	22 43	0 5	18 8	1 42	21 25	14 59	16 12	15 56	22 7	10 11	0 56
M 7	21 49	11 23	4 29	15 31	4 30	17 30	4 7	20 8	0 23	17 58	0 46	17 58	1 7	22 43	0 5	18 8	1 42	21 26	14 59	16 10	15 55	22 5	10 11	0 56
T 8	21 40	6 9	3 54	15 31	4 38	17 39	4 6	20 17	0 22	17 54	0 46	17 59	1 7	22 42	0 5	18 8	1 41	21 26	14 59	16 8	15 54	22 3	10 12	0 56
W 9	21 30	0 37	3 9	15 33	4 44	17 48	4 4	20 25	0 21	17 51	0 46	18 0	1 7	22 42	0 5	18 8	1 41	21 27	15 0	16 7	15 53	22 1	10 12	0 57
T 10	21 21	5s 2	2 14	15 37	4 49	17 57	4 2	20 34	0 21	17 47	0 46	18 2	1 7	22 42	0 5	18 8	1 41	21 27	15 0	16 7	15 52	21 59	10 13	0 57
F 11	21 10	10 38	1 11	15 42	4 52	18 6	4 0	20 43	0 20	17 44	0 46	18 3	1 7	22 42	0 5	18 8	1 41	21 28	15 0	16 7	15 51	21 57	10 13	0 57
S 12	21 0	15 57	0 2	15 49	4 54	18 15	3 58	20 51	0 19	17 40	0 46	18 4	1 7	22 42	0 5	18 7	1 41	21 29	15 1	16 7	15 50	21 55	10 14	0 57
S 13	20 49	20 41	1s 8	15 58	4 53	18 25	3 56	20 59	0 18	17 36	0 46	18 6	1 7	22 42	0 5	18 7	1 41	21 29	15 1	16 7	15 49	21 53	10 15	0 57
M14	20 37	24 26	2 17	16 8	4 51	18 33	3 54	21 7	0 17	17 33	0 46	18 7	1 7	22 41	0 5	18 7	1 41	21 30	15 1	16 6	15 48	21 51	10 15	0 58
T 15	20 26	26 47	3 20	16 20	4 48	18 42	3 51	21 15	0 17	17 29	0 46	18 8	1 7	22 41	0 5	18 7	1 41	21 30	15 1	16 4	15 47	21 49	10 16	0 58
W16	20 13	27 19	4 11	16 33	4 42	18 51	3 48	21 22	0 16	17 25	0 47	18 10	1 8	22 41	0 5	18 7	1 41	21 31	15 2	16 2	15 46	21 47	10 17	0 58
T 17	20 1	25 50	4 46	16 46	4 35	19 0	3 46	21 29	0 15	17 22	0 47	18 11	1 8	22 41	0 5	18 7	1 41	21 31	15 2	15 59	15 46	21 45	10 18	0 58
F 18	19 48	22 26	5 0	17 1	4 26	19 8	3 43	21 37	0 14	17 18	0 47	18 12	1 8	22 41	0 5	18 7	1 41	21 32	15 2	15 56	15 45	21 43	10 19	0 58
S 19	19 35	17 31	4 53	17 16	4 15	19 16	3 40	21 43	0 13	17 14	0 47	18 14	1 8	22 41	0 5	18 7	1 41	21 33	15 2	15 53	15 44	21 41	10 19	0 59
S 20	19 22	11 35	4 26	17 32	4 4	19 24	3 37	21 50	0 13	17 10	0 47	18 15	1 8	22 40	0 5	18 7	1 41	21 33	15 3	15 51	15 43	21 39	10 20	0 59
M21	19 8	5 7	3 42	17 47	3 51	19 32	3 34	21 57	0 12	17 7	0 47	18 16	1 8	22 40	0 5	18 7	1 41	21 34	15 3	15 49	15 42	21 37	10 21	0 59
T 22	18 54	1n25	2 45	18 3	3 37	19 39	3 31	22 3	0 11	17 3	0 47	18 18	1 8	22 40	0 5	18 7	1 41	21 34	15 3	15 47	15 41	21 35	10 22	0 59
W23	18 40	7 42	1 40	18 19	3 22	19 47	3 27	22 9	0 10	16 59	0 47	18 19	1 8	22 40	0 5	18 7	1 41	21 35	15 3	15 47	15 40	21 33	10 23	0 59
T 24	18 25	13 26	0 31	18 34	3 7	19 54	3 24	22 15	0 9	16 55	0 47	18 20	1 8	22 40	0 5	18 7	1 41	21 36	15 4	15 47	15 39	21 31	10 24	0 59
F 25	18 10	18 25	0n37	18 49	2 51	20 0	3 20	22 21	0 8	16 51	0 47	18 22	1 8	22 40	0 5	18 7	1 41	21 36	15 4	15 47	15 38	21 29	10 25	1 0
S 26	17 55	22 26	1 42	19 3	2 34	20 7	3 17	22 27	0 7	16 47	0 47	18 23	1 9	22 40	0 5	18 7	1 40	21 37	15 4	15 46	15 37	21 27	10 27	1 0
S 27	17 39	25 20	2 41	19 16	2 17	20 13	3 13	22 32	0 7	16 43	0 47	18 24	1 9	22 40	0 5	18 7	1 40	21 37	15 4	15 45	15 36	21 25	10 28	1 0
M28	17 24	27 1	3 31	19 28	2 1	20 19	3 9	22 38	0 6	16 40	0 47	18 26	1 9	22 39	0 5	18 7	1 40	21 38	15 4	15 44	15 35	21 23	10 29	1 0
T 29	17 8	27 23	4 11	19 38	1 44	20 24	3 6	22 43	0 5	16 36	0 47	18 27	1 9	22 39	0 5	18 7	1 40	21 39	15 5	15 41	15 34	21 21	10 30	1 0
W30	16 51	26 27	4 39	19 47	1 27	20 29	3 2	22 47	0 4	16 32	0 47	18 28	1 9	22 39	0 5	18 7	1 40	21 39	15 5	15 38	15 33	21 19	10 31	1 0
T 31	16n34	24n21	4n55	19n54	1s10	20n33	2s58	22n52	0s 3	16n28	0n47	18s30	1s 9	22s39	0s 5	18s 7	1n40	21s40	15s 5	15n34	15n32	21n17	10s33	1n 1

Julian Day Number = 2201542.5, Delta T = 10m00s
Ecliptic obliquity = 23°31'47, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°11'36, Lahiri = 14°18'37 Julian Calendar 1 July 1315 == Greg. Calendar 9 July 1315

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ASTRODIENST EPHEMERIS for the year 1315
geocentric

AUGUST 1315 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	21 6 55	15♌21'39	14♌54	26♋46	29♊51	17♊57	17♌30	11°R27	14°R 0	27°R47	10°R11	11°R59	12♉ 4	15♌11	29♎59	F 1
S 2	21 10 52	16°19'25	26°46	27°49	0♋52	18°36	17°43	11♒22	14♐ 0	27°D47	10♓10	11♉45	12° 1	15°17	0♏ 4	S 2
S 3	21 14 48	17°17'13	8♍39	28°58	1°53	19°14	17°56	11°18	13°59	27♏47	10° 9	11°33	11°58	15°24	0° 8	S 3
M 4	21 18 45	18°15'02	20°35	0♌13	2°55	19°53	18°10	11°13	13°58	27°47	10° 8	11°22	11°55	15°31	0°13	M 4
T 5	21 22 41	19°12'52	2♎37	1°34	3°56	20°31	18°23	11° 9	13°58	27°48	10° 7	11°14	11°51	15°38	0°17	T 5
W 6	21 26 38	20°10'43	14°46	3° 0	4°58	21°10	18°36	11° 4	13°57	27°48	10° 5	11°10	11°48	15°44	0°22	W 6
T 7	21 30 35	21° 8'36	27° 7	4°31	6° 1	21°48	18°49	11° 0	13°57	27°48	10° 4	11° 7	11°45	15°51	0°27	T 7
F 8	21 34 31	22° 6'30	9♏44	6° 7	7° 3	22°26	19° 2	10°56	13°56	27°48	10° 3	11°D 7	11°42	15°58	0°31	F 8
S 9	21 38 28	23° 4'25	22°40	7°46	8° 6	23° 4	19°15	10°51	13°56	27°48	10° 2	11°R 7	11°39	16° 5	0°36	S 9
S 10	21 42 24	24° 2'22	5♐59	9°29	9°10	23°42	19°28	10°47	13°56	27°48	10° 1	11° 6	11°36	16°11	0°41	S 10
M11	21 46 21	25° 0'20	19°46	11°16	10°13	24°20	19°41	10°43	13°55	27°49	10° 0	11° 4	11°32	16°18	0°46	M11
T 12	21 50 17	25°58'19	4♑ 1	13° 5	11°17	24°58	19°54	10°38	13°55	27°49	9°58	11° 0	11°29	16°25	0°51	T 12
W13	21 54 14	26°56'20	18°42	14°56	12°21	25°36	20° 7	10°34	13°55	27°49	9°57	10°53	11°26	16°31	0°56	W13
T 14	21 58 11	27°54'22	3♒45	16°49	13°25	26°13	20°20	10°30	13°55	27°50	9°56	10°44	11°23	16°38	1° 2	T 14
F 15	22 2 7	28°52'26	19° 1	18°43	14°30	26°51	20°33	10°26	13°55	27°50	9°55	10°34	11°20	16°45	1° 7	F 15
S 16	22 6 4	29°50'31	4♓20	20°39	15°34	27°28	20°47	10°22	13°D55	27°50	9°54	10°24	11°17	16°52	1°12	S 16
S 17	22 10 0	0♍48'38	19°29	22°35	16°39	28° 5	21° 0	10°17	13°55	27°51	9°52	10°15	11°13	16°58	1°18	S 17
M18	22 13 57	1°46'47	4♈19	24°31	17°45	28°43	21°13	10°13	13°55	27°51	9°51	10° 9	11°10	17° 5	1°23	M18
T 19	22 17 53	2°44'58	18°43	26°28	18°50	29°20	21°25	10° 9	13°55	27°52	9°50	10° 5	11° 7	17°12	1°29	T 19
W20	22 21 50	3°43'11	2♉39	28°24	19°56	29°56	21°38	10° 5	13°55	27°53	9°49	10° 3	11° 4	17°19	1°35	W20
T 21	22 25 46	4°41'25	16° 6	0♍20	21° 2	0♋33	21°51	10° 2	13°55	27°53	9°48	10°D 3	11° 1	17°25	1°40	T 21
F 22	22 29 43	5°39'42	29° 6	2°16	22° 8	1°10	22° 4	9°58	13°56	27°54	9°46	10° 4	10°57	17°32	1°46	F 22
S 23	22 33 39	6°38'02	11♊44	4°11	23°14	1°47	22°17	9°54	13°56	27°54	9°45	10°R 4	10°54	17°39	1°52	S 23
S 24	22 37 36	7°36'23	24° 4	6° 5	24°21	2°23	22°30	9°50	13°56	27°55	9°44	10° 2	10°51	17°45	1°58	S 24
M25	22 41 33	8°34'46	6♋11	7°59	25°27	2°59	22°43	9°46	13°57	27°56	9°43	9°59	10°48	17°52	2° 4	M25
T 26	22 45 29	9°33'12	18° 9	9°51	26°34	3°36	22°56	9°43	13°57	27°57	9°41	9°52	10°45	17°59	2°10	T 26
W27	22 49 26	10°31'40	0♌ 2	11°43	27°42	4°12	23° 9	9°39	13°58	27°57	9°40	9°44	10°42	18° 6	2°17	W27
T 28	22 53 22	11°30'09	11°54	13°34	28°49	4°48	23°21	9°36	13°58	27°58	9°39	9°34	10°38	18°12	2°23	T 28
F 29	22 57 19	12°28'41	23°46	15°24	29°56	5°24	23°34	9°32	13°59	27°59	9°38	9°23	10°35	18°19	2°29	F 29
S 30	23 1 15	13°27'15	5♍41	17°12	1♌ 4	5°59	23°47	9°29	14° 0	28° 0	9°36	9°12	10°32	18°26	2°35	S 30
S 31	23 5 12	14♍25'50	17♍39	19♍ 0	2♌12	6♋35	24♌ 0	9♒26	14♐ 0	28♏ 1	9♓35	9♉ 2	10♉29	18♌32	2♏42	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	16n17	21n11	4n59	20n 0	0s54	20n38	2s54	22n57	0s 2	16n24	0n47	18s31	1s 9	22s39	0s 5	18s 7	1n40	21s40	15s 5	15n29	15n31	21n15	10s34	1n 1	F 1
S 2	16 0	17 10	4 49	20 3	0 38	20 42	2 50	23 1	0 1	16 20	0 47	18 32	1 9	22 39	0 5	18 7	1 40	21 41	15 5	15 25	15 30	21 13	10 35	1 1	S 2
S 3	15 43	12 29	4 27	20 4	0 23	20 45	2 46	23 5	0 0	16 16	0 47	18 34	1 9	22 39	0 5	18 7	1 40	21 41	15 5	15 21	15 29	21 11	10 37	1 1	S 3
M 4	15 25	7 18	3 53	20 2	0 9	20 48	2 42	23 9	0n 0	16 12	0 48	18 35	1 9	22 39	0 5	18 7	1 40	21 42	15 6	15 18	15 28	21 9	10 38	1 1	M 4
T 5	15 7	1 50	3 8	19 58	0n 5	20 50	2 38	23 13	0 1	16 8	0 48	18 36	1 9	22 39	0 5	18 7	1 40	21 43	15 6	15 16	15 27	21 6	10 39	1 2	T 5
W 6	14 49	3s47	2 14	19 52	0 18	20 53	2 34	23 16	0 2	16 4	0 48	18 38	1 9	22 39	0 5	18 7	1 40	21 43	15 6	15 14	15 26	21 4	10 41	1 2	W 6
T 7	14 30	9 21	1 13	19 42	0 31	20 54	2 30	23 20	0 3	16 0	0 48	18 39	1 9	22 39	0 5	18 7	1 40	21 44	15 6	15 13	15 25	21 2	10 42	1 2	T 7
F 8	14 12	14 40	0 7	19 30	0 42	20 55	2 25	23 23	0 4	15 56	0 48	18 40	1 10	22 39	0 5	18 8	1 40	21 44	15 6	15 13	15 24	21 0	10 44	1 2	F 8
S 9	13 53	19 29	1s 1	19 15	0 53	20 56	2 21	23 26	0 5	15 52	0 48	18 41	1 10	22 39	0 5	18 8	1 40	21 45	15 6	15 13	15 23	20 58	10 45	1 2	S 9
S 10	13 34	23 29	2 8	18 57	1 2	20 56	2 17	23 29	0 6	15 48	0 48	18 43	1 10	22 39	0 5	18 8	1 40	21 46	15 6	15 13	15 22	20 56	10 47	1 2	S 10
M11	13 14	26 17	3 9	18 36	1 11	20 56	2 12	23 31	0 7	15 44	0 48	18 44	1 10	22 38	0 5	18 8	1 40	21 46	15 7	15 12	15 21	20 54	10 48	1 3	M11
T 12	12 55	27 30	4 2	18 13	1 19	20 55	2 8	23 34	0 8	15 40	0 48	18 45	1 10	22 38	0 5	18 8	1 39	21 47	15 7	15 11	15 20	20 52	10 50	1 3	T 12
W13	12 35	26 50	4 40	17 47	1 25	20 54	2 4	23 36	0 9	15 36	0 48	18 46	1 10	22 38	0 5	18 8	1 39	21 47	15 7	15 9	15 19	20 49	10 52	1 3	W13
T 14	12 15	24 14	4 59	17 18	1 31	20 52	1 59	23 38	0 10	15 31	0 48	18 48	1 10	22 38	0 5	18 8	1 39	21 48	15 7	15 6	15 18	20 47	10 53	1 3	T 14
F 15	11 55	19 54	4 58	16 47	1 36	20 50	1 55	23 40	0 11	15 27	0 48	18 49	1 10	22 38	0 5	18 8	1 39	21 48	15 7	15 3	15 17	20 45	10 55	1 3	F 15
S 16	11 34	14 14	4 36	16 15	1 40	20 47	1 51	23 42	0 12	15 23	0 48	18 50	1 10	22 38	0 5	18 9	1 39	21 49	15 7	15 0	15 16	20 43	10 57	1 3	S 16
S 17	11 14	7 46	3 54	15 40	1 43	20 44	1 46	23 44	0 13	15 19	0 49	18 51	1 10	22 38	0 5	18 9	1 39	21 49	15 7	14 57	15 15	20 41	10 59	1 4	S 17
M18	10 53	1 0	2 58	15 3	1 45	20 40	1 42	23 45	0 14	15 15	0 49	18 52	1 10	22 38	0 5	18 9	1 39	21 50	15 7	14 55	15 14	20 39	11 0	1 4	M18
T 19	10 32	5n39	1 51	14 25	1 47	20 36	1 37	23 46	0 15	15 11	0 49	18 53	1 10	22 38	0 5	18 9	1 39	21 51	15 7	14 54	15 13	20 36	11 2	1 4	T 19
W20	10 11	11 49	0 39	13 45	1 47	20 31	1 33	23 48	0 16	15 7	0 49	18 54	1 10	22 39	0 5	18 9	1 39	21 51	15 7	14 53	15 12	20 34	11 4	1 4	W20
T 21	9 50	17 14	0n32	13 4	1 47	20 25	1 28	23 48	0 17	15 3	0 49	18 56	1 10	22 39	0 5	18 9	1 39	21 52	15 7	14 53	15 11	20 32	11 6	1 4	T 21
F 22	9 28	21 39	1 40	12 22	1 47	20 19	1 24	23 49	0 18	14 59	0 49	18 57	1 10	22 39	0 5	18 10	1 39	21 52	15 8	14 53	15 10	20 30	11 8	1 5	F 22
S 23	9 7	24 56	2 40	11 39	1 46	20 13	1 20	23 50	0 19	14 55	0 49	18 58	1 10	22 39	0 5	18 10	1 39	21 53	15 8	14 53	15 9	20 28	11 9	1 5	S 23
S 24	8 45	26 56	3 32	10 55	1 44	20 6	1 15	23 50	0 20	14 50	0 49	18 59	1 10	22 39	0 5	18 10	1 39	21 53	15 8	14 53	15 8	20 25	11 11	1 5	S 24
M25	8 23	27 36	4 13	10 10	1 41	19 58	1 11	23 51	0 21	14 46	0 49	19 0	1 10	22 39	0 5	18 10	1 39	21 54	15 8	14 52	15 7	20 23	11 13	1 5	M25
T 26	8 1	26 58	4 43	9 25	1 38	19 50	1 6	23 51	0 22	14 42	0 49	19 1	1 10	22 39	0 5	18 10	1 39	21 54	15 8	14 50	15 6	20 21	11 15	1 5	T 26
W27	7 39	25 6	5 0	8 39	1 35	19 41	1 2	23 51	0 23	14 38	0 50	19 2	1 10	22 39	0 5	18 11	1 39	21 55	15 8	14 47	15 5	20 19	11 17	1 5	W27
T 28	7 17	22 8	5 4	7 53	1 31	19 32	0 58	23 50	0 24	14 34	0 50	19 3	1 10	22 39	0 5	18 11	1 39	21 55	15 8	14 44	15 4	20 17	11 19	1 6	T 28
F 29	6 54	18 16	4 54	7 7	1 27	19 22	0 53	23 50	0 25	14 30	0 50	19 4	1 10	22 39	0 5	18 11	1 38	21 56	15 8	14 40	15 3	20 14	11 21	1 6	F 29
S 30	6 32	13 41	4 33	6 20	1 23	19 12	0 49	23 50	0 26	14 26	0 50	19 4	1 10	22 39	0 5	18 11	1 38	21 56	15 8	14 37	15 2	20 12	11 23	1 6	S 30
S 31	6n 9	8n33	3n58	5n34	1n18	19n 1	0s45	23n49	0n27	14n22	0n50	19s 5	1s10	22s39	0s 5	18s12	1n38	21s57	15s 8	14n34	15n 1	20n10	11s25	1n 6	S 31

Julian Day Number = 2201573.5, Delta T = 10m00s
Ecliptic obliquity = 23°31'48, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°11'40, Lahiri = 14°18'41 Julian Calendar 1 Aug. 1315 == Greg. Calendar 9 Aug. 1315

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ASTRODIENST EPHEMERIS for the year 1315
geocentric

SEPTEMBER 1315 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	23 9 8	15♍24'28	29♍44	20♍47	3♌20	7♋10	24♌12	9°R22	14♐ 1	28♏ 2	9°R34	8°R54	10♉26	18♌39	2♏48	M 1
T 2	23 13 5	16°23'07	11♎55	22°32	4°28	7°46	24°25	9♒19	14° 2	28° 3	9♓33	8♉48	10°23	18°46	2°55	T 2
W 3	23 17 2	17°21'49	24°14	24°17	5°37	8°21	24°37	9°16	14° 3	28° 4	9°32	8°45	10°19	18°53	3° 2	W 3
T 4	23 20 58	18°20'32	6♏44	26° 0	6°45	8°56	24°50	9°13	14° 4	28° 5	9°30	8°D43	10°16	18°59	3° 8	T 4
F 5	23 24 55	19°19'17	19°28	27°43	7°54	9°31	25° 2	9°10	14° 5	28° 6	9°29	8°44	10°13	19° 6	3°15	F 5
S 6	23 28 51	20°18'04	2♐28	29°24	9° 3	10° 6	25°15	9° 8	14° 6	28° 7	9°28	8°45	10°10	19°13	3°22	S 6
S 7	23 32 48	21°16'52	15°46	1♎ 5	10°12	10°40	25°27	9° 5	14° 7	28° 8	9°27	8°R46	10° 7	19°20	3°29	S 7
M 8	23 36 44	22°15'43	29°27	2°45	11°21	11°15	25°40	9° 2	14° 8	28° 9	9°26	8°46	10° 3	19°26	3°35	M 8
T 9	23 40 41	23°14'35	13♏30	4°23	12°30	11°49	25°52	9° 0	14° 9	28°10	9°24	8°44	10° 0	19°33	3°42	T 9
W10	23 44 37	24°13'29	27°55	6° 1	13°40	12°23	26° 4	8°57	14°11	28°11	9°23	8°40	9°57	19°40	3°49	W10
T 11	23 48 34	25°12'24	12♒40	7°38	14°49	12°57	26°17	8°55	14°12	28°13	9°22	8°35	9°54	19°46	3°56	T 11
F 12	23 52 31	26°11'22	27°39	9°14	15°59	13°31	26°29	8°52	14°13	28°14	9°21	8°29	9°51	19°53	4° 3	F 12
S 13	23 56 27	27°10'21	12♓42	10°49	17° 9	14° 5	26°41	8°50	14°15	28°15	9°20	8°23	9°48	20° 0	4°11	S 13
S 14	0 0 24	28° 9'22	27°40	12°23	18°19	14°39	26°53	8°48	14°16	28°17	9°18	8°17	9°44	20° 7	4°18	S 14
M15	0 4 20	29° 8'25	12♈26	13°57	19°29	15°12	27° 5	8°46	14°18	28°18	9°17	8°13	9°41	20°13	4°25	M15
T 16	0 8 17	0♎ 7'30	26°50	15°29	20°39	15°45	27°17	8°44	14°19	28°19	9°16	8°11	9°38	20°20	4°32	T 16
W17	0 12 13	1° 6'38	10♉49	17° 1	21°50	16°19	27°29	8°42	14°21	28°21	9°15	8°D10	9°35	20°27	4°40	W17
T 18	0 16 10	2° 5'48	24°21	18°32	23° 0	16°52	27°41	8°40	14°22	28°22	9°14	8°11	9°32	20°33	4°47	T 18
F 19	0 20 6	3° 5'00	7♊27	20° 2	24°11	17°24	27°53	8°38	14°24	28°24	9°13	8°13	9°29	20°40	4°54	F 19
S 20	0 24 3	4° 4'15	20°10	21°31	25°22	17°57	28° 4	8°37	14°26	28°25	9°12	8°14	9°25	20°47	5° 2	S 20
S 21	0 28 0	5° 3'32	2♋34	23° 0	26°33	18°29	28°16	8°35	14°28	28°27	9°11	8°R15	9°22	20°54	5° 9	S 21
M22	0 31 56	6° 2'51	14°42	24°28	27°44	19° 2	28°28	8°34	14°29	28°28	9° 9	8°15	9°19	21° 0	5°17	M22
T 23	0 35 53	7° 2'13	26°41	25°55	28°55	19°34	28°39	8°33	14°31	28°30	9° 8	8°13	9°16	21° 7	5°24	T 23
W24	0 39 49	8° 1'36	8♌34	27°20	0♍ 6	20° 6	28°51	8°31	14°33	28°31	9° 7	8°10	9°13	21°14	5°32	W24
T 25	0 43 46	9° 1'03	20°25	28°46	1°17	20°37	29° 2	8°30	14°35	28°33	9° 6	8° 5	9° 9	21°21	5°39	T 25
F 26	0 47 42	10° 0'31	2♍19	0♏10	2°29	21° 9	29°14	8°29	14°37	28°34	9° 5	8° 0	9° 6	21°27	5°47	F 26
S 27	0 51 39	11° 0'02	14°18	1°33	3°41	21°40	29°25	8°28	14°39	28°36	9° 4	7°56	9° 3	21°34	5°55	S 27
S 28	0 55 35	11°59'34	26°24	2°56	4°52	22°12	29°36	8°27	14°41	28°38	9° 3	7°51	9° 0	21°41	6° 2	S 28
M29	0 59 32	12°59'09	8♎39	4°17	6° 4	22°43	29°47	8°27	14°43	28°39	9° 2	7°48	8°57	21°47	6°10	M29
T 30	1 3 28	13♎58'46	21♎ 4	5♏37	7♍16	23♋13	29♌58	8♒26	14♐45	28♏41	9♓ 1	7♉45	8♉54	21♌54	6♏18	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	5n46	3n 4	3n13	4n47	1n13	18n50	0s41	23n48	0n28	14n17	0n50	19s 6	1s10	22s39	0s 5	18s12	1n38	21s57	15s 8	14n31	15n 0	20n 8	11s27	1n 6
T 2	5 24	2s36	2 19	4 0	1 7	18 38	0 36	23 47	0 29	14 13	0 50	19 7	1 10	22 39	0 5	18 12	1 38	21 58	15 8	14 29	14 59	20 5	11 29	1 7
W 3	5 1	8 14	1 17	3 13	1 1	18 25	0 32	23 46	0 30	14 9	0 50	19 8	1 10	22 40	0 5	18 13	1 38	21 58	15 8	14 28	14 58	20 3	11 31	1 7
T 4	4 38	13 39	0 11	2 27	0 56	18 12	0 28	23 45	0 31	14 5	0 50	19 9	1 10	22 40	0 5	18 13	1 38	21 59	15 8	14 28	14 57	20 1	11 33	1 7
F 5	4 15	18 35	0s58	1 40	0 49	17 59	0 24	23 44	0 33	14 1	0 51	19 9	1 10	22 40	0 5	18 13	1 38	21 59	15 8	14 28	14 56	19 58	11 36	1 7
S 6	3 51	22 46	2 4	0 54	0 43	17 45	0 20	23 42	0 34	13 57	0 51	19 10	1 10	22 40	0 5	18 13	1 38	21 59	15 8	14 28	14 55	19 56	11 38	1 7
S 7	3 28	25 51	3 6	0 8	0 37	17 30	0 16	23 41	0 35	13 53	0 51	19 11	1 10	22 40	0 5	18 14	1 38	22 0	15 8	14 29	14 54	19 54	11 40	1 7
M 8	3 5	27 31	3 59	0s38	0 30	17 15	0 12	23 39	0 36	13 49	0 51	19 12	1 10	22 40	0 5	18 14	1 38	22 0	15 7	14 29	14 53	19 52	11 42	1 8
T 9	2 42	27 29	4 39	1 24	0 23	17 0	0 8	23 37	0 37	13 45	0 51	19 12	1 10	22 40	0 5	18 14	1 38	22 1	15 7	14 28	14 52	19 49	11 44	1 8
W10	2 18	25 36	5 3	2 9	0 17	16 44	0 4	23 35	0 38	13 41	0 51	19 13	1 10	22 40	0 5	18 15	1 38	22 1	15 7	14 27	14 51	19 47	11 46	1 8
T 11	1 55	21 59	5 8	2 54	0 10	16 27	0 0	23 33	0 39	13 37	0 51	19 14	1 10	22 41	0 5	18 15	1 38	22 1	15 7	14 25	14 50	19 45	11 49	1 8
F 12	1 31	16 54	4 52	3 38	0 3	16 10	0n 4	23 31	0 41	13 32	0 51	19 14	1 10	22 41	0 5	18 15	1 38	22 2	15 7	14 23	14 49	19 42	11 51	1 8
S 13	1 8	10 45	4 15	4 22	0s 4	15 52	0 8	23 28	0 42	13 28	0 52	19 15	1 10	22 41	0 5	18 16	1 38	22 2	15 7	14 21	14 48	19 40	11 53	1 9
S 14	0 44	4 1	3 22	5 5	0 12	15 35	0 11	23 26	0 43	13 24	0 52	19 15	1 10	22 41	0 5	18 16	1 38	22 3	15 7	14 19	14 47	19 38	11 55	1 9
M15	0 21	2n51	2 15	5 49	0 19	15 16	0 15	23 23	0 44	13 20	0 52	19 16	1 10	22 41	0 5	18 16	1 38	22 3	15 7	14 18	14 46	19 35	11 58	1 9
T 16	0s 3	9 26	1 1	6 31	0 26	14 57	0 19	23 21	0 45	13 16	0 52	19 16	1 10	22 41	0 5	18 17	1 37	22 3	15 7	14 17	14 45	19 33	12 0	1 9
W17	0 27	15 21	0n14	7 13	0 33	14 38	0 22	23 18	0 47	13 12	0 52	19 17	1 10	22 42	0 5	18 17	1 37	22 4	15 7	14 17	14 44	19 31	12 2	1 9
T 18	0 50	20 20	1 27	7 55	0 40	14 18	0 26	23 15	0 48	13 8	0 52	19 17	1 10	22 42	0 5	18 17	1 37	22 4	15 7	14 17	14 43	19 28	12 4	1 10
F 19	1 14	24 9	2 33	8 36	0 47	13 58	0 29	23 12	0 49	13 4	0 52	19 18	1 10	22 42	0 5	18 18	1 37	22 4	15 7	14 18	14 42	19 26	12 7	1 10
S 20	1 37	26 38	3 29	9 16	0 55	13 37	0 32	23 9	0 50	13 1	0 52	19 18	1 10	22 42	0 5	18 18	1 37	22 5	15 6	14 18	14 41	19 24	12 9	1 10
S 21	2 1	27 44	4 14	9 56	1 2	13 16	0 36	23 6	0 51	12 57	0 53	19 19	1 10	22 42	0 5	18 18	1 37	22 5	15 6	14 19	14 40	19 21	12 11	1 10
M22	2 25	27 28	4 46	10 35	1 9	12 55	0 39	23 3	0 53	12 53	0 53	19 19	1 10	22 43	0 5	18 19	1 37	22 5	15 6	14 18	14 39	19 19	12 14	1 10
T 23	2 48	25 54	5 6	11 13	1 16	12 33	0 42	22 59	0 54	12 49	0 53	19 19	1 10	22 43	0 5	18 19	1 37	22 6	15 6	14 18	14 38	19 17	12 16	1 11
W24	3 12	23 12	5 12	11 51	1 23	12 11	0 45	22 56	0 55	12 45	0 53	19 19	1 10	22 43	0 5	18 20	1 37	22 6	15 6	14 17	14 37	19 14	12 18	1 11
T 25	3 35	19 33	5 5	12 28	1 29	11 48	0 48	22 52	0 57	12 41	0 53	19 20	1 10	22 43	0 5	18 20	1 37	22 6	15 6	14 15	14 36	19 12	12 21	1 11
F 26	3 59	15 7	4 45	13 4	1 36	11 25	0 51	22 49	0 58	12 37	0 53	19 20	1 10	22 44	0 5	18 20	1 37	22 6	15 6	14 14	14 35	19 9	12 23	1 11
S 27	4 22	10 4	4 12	13 40	1 43	11 2	0 54	22 45	0 59	12 33	0 54	19 20	1 10	22 44	0 5	18 21	1 37	22 7	15 5	14 12	14 34	19 7	12 25	1 11
S 28	4 46	4 37	3 28	14 14	1 49	10 39	0 57	22 41	1 0	12 30	0 54	19 20	1 10	22 44	0 5	18 21	1 37	22 7	15 5	14 11	14 33	19 5	12 28	1 12
M29	5 9	1s 6	2 33	14 48	1 55	10 15	1 0	22 38	1 2	12 26	0 54	19 21	1 10	22 44	0 5	18 22	1 37	22 7	15 5	14 10	14 32	19 2	12 30	1 12
T 30	5s32	6s51	1n30	15s21	2s 1	9n50	1n 2	22n34	1n 3	12n22	0n54	19s21	1s10	22s45	0s 5	18s22	1n37	22s 7	15s 5	14n 9	14n31	19n 0	12s32	1n12

Julian Day Number = 2201604.5, Delta T = 10m00s
Ecliptic obliquity = 23°31'49, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°11'45, Lahiri = 14°18'45 Julian Calendar 1 Sept. 1315 == Greg. Calendar 9 Sept. 1315

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ASTRODIENST EPHEMERIS for the year 1315
geocentric

OCTOBER 1315 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	1 7 25	14♎58'25	3♏41	6♏56	8♍28	23♋44	0♍ 9	8°R26	14♐48	28♏43	9°R 0	7°D44	8♉50	22♌ 1	6♏26	W 1
T 2	1 11 22	15°58'06	16°29	8°14	9°40	24°14	0°20	8♒25	14°50	28°45	8♓59	7♉44	8°47	22° 8	6°34	T 2
F 3	1 15 18	16°57'49	29°30	9°31	10°52	24°44	0°31	8°25	14°52	28°46	8°58	7°45	8°44	22°14	6°41	F 3
S 4	1 19 15	17°57'34	12♐44	10°46	12° 5	25°14	0°42	8°25	14°55	28°48	8°58	7°47	8°41	22°21	6°49	S 4
S 5	1 23 11	18°57'21	26°12	12° 0	13°17	25°44	0°53	8°24	14°57	28°50	8°57	7°48	8°38	22°28	6°57	S 5
M 6	1 27 8	19°57'09	9♑56	13°12	14°29	26°13	1° 3	8°D24	14°59	28°52	8°56	7°49	8°34	22°34	7° 5	M 6
T 7	1 31 4	20°56'59	23°54	14°23	15°42	26°42	1°14	8°25	15° 2	28°54	8°55	7°R49	8°31	22°41	7°13	T 7
W 8	1 35 1	21°56'51	8♒ 6	15°31	16°55	27°11	1°24	8°25	15° 4	28°56	8°54	7°49	8°28	22°48	7°21	W 8
T 9	1 38 57	22°56'44	22°31	16°38	18° 7	27°40	1°34	8°25	15° 7	28°58	8°53	7°48	8°25	22°55	7°29	T 9
F 10	1 42 54	23°56'39	7♓ 4	17°42	19°20	28° 9	1°45	8°25	15° 9	28°59	8°52	7°46	8°22	23° 1	7°37	F 10
S 11	1 46 51	24°56'35	21°40	18°43	20°33	28°37	1°55	8°26	15°12	29° 1	8°52	7°44	8°19	23° 8	7°45	S 11
S 12	1 50 47	25°56'34	6♈14	19°42	21°46	29° 5	2° 5	8°27	15°15	29° 3	8°51	7°43	8°15	23°15	7°53	S 12
M13	1 54 44	26°56'34	20°39	20°37	22°59	29°33	2°15	8°27	15°17	29° 5	8°50	7°42	8°12	23°21	8° 1	M13
T 14	1 58 40	27°56'36	4♉49	21°29	24°12	0♌ 0	2°25	8°28	15°20	29° 7	8°49	7°D41	8° 9	23°28	8° 9	T 14
W15	2 2 37	28°56'40	18°41	22°17	25°25	0°28	2°34	8°29	15°23	29° 9	8°49	7°42	8° 6	23°35	8°17	W15
T 16	2 6 33	29°56'46	2♊11	23° 0	26°38	0°55	2°44	8°30	15°26	29°11	8°48	7°42	8° 3	23°42	8°25	T 16
F 17	2 10 30	0♏56'54	15°18	23°39	27°52	1°21	2°54	8°31	15°28	29°13	8°47	7°43	8° 0	23°48	8°33	F 17
S 18	2 14 26	1°57'04	28° 4	24°11	29° 5	1°48	3° 3	8°32	15°31	29°15	8°47	7°43	7°56	23°55	8°41	S 18
S 19	2 18 23	2°57'16	10♋32	24°38	0♎19	2°14	3°12	8°34	15°34	29°17	8°46	7°44	7°53	24° 2	8°50	S 19
M20	2 22 20	3°57'30	22°43	24°58	1°32	2°40	3°22	8°35	15°37	29°20	8°45	7°44	7°50	24° 8	8°58	M20
T 21	2 26 16	4°57'47	4♌44	25°11	2°46	3° 5	3°31	8°37	15°40	29°22	8°45	7°R44	7°47	24°15	9° 6	T 21
W22	2 30 13	5°58'05	16°38	25°R15	3°59	3°30	3°40	8°38	15°43	29°24	8°44	7°44	7°44	24°22	9°14	W22
T 23	2 34 9	6°58'25	28°30	25°11	5°13	3°55	3°49	8°40	15°46	29°26	8°44	7°44	7°40	24°29	9°22	T 23
F 24	2 38 6	7°58'47	10♍24	24°58	6°27	4°20	3°57	8°42	15°49	29°28	8°43	7°D44	7°37	24°35	9°30	F 24
S 25	2 42 2	8°59'12	22°26	24°34	7°41	4°44	4° 6	8°44	15°52	29°30	8°42	7°44	7°34	24°42	9°38	S 25
S 26	2 45 59	9°59'38	4♎38	24° 1	8°55	5° 8	4°15	8°46	15°55	29°32	8°42	7°45	7°31	24°49	9°46	S 26
M27	2 49 55	11° 0'05	17° 3	23°17	10° 9	5°32	4°23	8°48	15°58	29°34	8°41	7°45	7°28	24°56	9°55	M27
T 28	2 53 52	12° 0'35	29°42	22°24	11°23	5°55	4°31	8°50	16° 1	29°37	8°41	7°45	7°25	25° 2	10° 3	T 28
W29	2 57 49	13° 1'06	12♏38	21°21	12°37	6°18	4°40	8°53	16° 5	29°39	8°41	7°R45	7°21	25° 9	10°11	W29
T 30	3 1 45	14° 1'39	25°50	20°11	13°51	6°40	4°48	8°55	16° 8	29°41	8°40	7°45	7°18	25°16	10°19	T 30
F 31	3 5 42	15♏ 2'14	9♐16	18♏55	15♎ 5	7♌ 3	4♍55	8♒57	16♐11	29♏43	8♓40	7♉44	7♉15	25♌22	10♏27	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	5s55	12s26	0n22	15s53	2s 7	9n26	1n 5	22n30	1n 5	12n18	0n54	19s21	1s10	22s45	0s 5	18s23	1n37	22s 7	15s 5	14n 9	14n30	18n57	12s35	1n12
T 2	6 18	17 36	0s48	16 24	2 13	9 1	1 7	22 26	1 6	12 15	0 54	19 21	1 10	22 45	0 5	18 23	1 37	22 8	15 4	14 9	14 29	18 55	12 37	1 12
F 3	6 41	22 1	1 57	16 54	2 19	8 36	1 10	22 22	1 7	12 11	0 55	19 21	1 10	22 45	0 5	18 23	1 37	22 8	15 4	14 9	14 28	18 53	12 39	1 13
S 4	7 4	25 24	3 1	17 23	2 24	8 10	1 12	22 18	1 9	12 7	0 55	19 21	1 10	22 46	0 5	18 24	1 37	22 8	15 4	14 9	14 27	18 50	12 42	1 13
S 5	7 27	27 25	3 56	17 51	2 29	7 44	1 14	22 14	1 10	12 4	0 55	19 21	1 10	22 46	0 5	18 24	1 37	22 8	15 4	14 10	14 26	18 48	12 44	1 13
M 6	7 50	27 48	4 39	18 18	2 33	7 18	1 17	22 9	1 11	12 0	0 55	19 21	1 9	22 46	0 5	18 25	1 37	22 8	15 4	14 10	14 25	18 45	12 47	1 13
T 7	8 12	26 26	5 6	18 43	2 38	6 52	1 19	22 5	1 13	11 56	0 55	19 21	1 9	22 46	0 5	18 25	1 37	22 8	15 3	14 10	14 24	18 43	12 49	1 14
W 8	8 35	23 23	5 16	19 8	2 42	6 26	1 21	22 1	1 14	11 53	0 55	19 21	1 9	22 47	0 5	18 26	1 37	22 9	15 3	14 10	14 23	18 40	12 51	1 14
T 9	8 57	18 52	5 5	19 30	2 45	5 59	1 23	21 57	1 16	11 49	0 56	19 21	1 9	22 47	0 5	18 26	1 36	22 9	15 3	14 10	14 22	18 38	12 54	1 14
F 10	9 19	13 13	4 36	19 52	2 48	5 32	1 25	21 52	1 17	11 46	0 56	19 20	1 9	22 47	0 5	18 26	1 36	22 9	15 3	14 9	14 21	18 35	12 56	1 14
S 11	9 42	6 48	3 48	20 12	2 51	5 5	1 26	21 48	1 19	11 42	0 56	19 20	1 9	22 48	0 5	18 27	1 36	22 9	15 3	14 9	14 20	18 33	12 58	1 14
S 12	10 4	0 3	2 45	20 30	2 53	4 38	1 28	21 44	1 20	11 39	0 56	19 20	1 9	22 48	0 5	18 27	1 36	22 9	15 2	14 8	14 19	18 31	13 1	1 15
M13	10 25	6n39	1 33	20 46	2 54	4 10	1 30	21 39	1 22	11 35	0 56	19 20	1 9	22 48	0 5	18 28	1 36	22 9	15 2	14 8	14 18	18 28	13 3	1 15
T 14	10 47	12 56	0 16	21 1	2 55	3 43	1 31	21 35	1 23	11 32	0 57	19 20	1 9	22 49	0 5	18 28	1 36	22 9	15 2	14 8	14 17	18 26	13 6	1 15
W15	11 8	18 25	1n 1	21 14	2 55	3 15	1 33	21 31	1 25	11 29	0 57	19 19	1 9	22 49	0 5	18 29	1 36	22 9	15 2	14 8	14 16	18 23	13 8	1 15
T 16	11 30	22 50	2 12	21 24	2 54	2 47	1 34	21 26	1 26	11 25	0 57	19 19	1 9	22 49	0 5	18 29	1 36	22 9	15 1	14 8	14 15	18 21	13 10	1 16
F 17	11 51	25 55	3 14	21 32	2 53	2 19	1 35	21 22	1 28	11 22	0 57	19 19	1 9	22 49	0 5	18 30	1 36	22 9	15 1	14 8	14 14	18 18	13 13	1 16
S 18	12 12	27 35	4 4	21 38	2 50	1 51	1 37	21 17	1 30	11 19	0 57	19 18	1 9	22 50	0 5	18 30	1 36	22 9	15 1	14 8	14 13	18 16	13 15	1 16
S 19	12 33	27 48	4 42	21 41	2 47	1 22	1 38	21 13	1 31	11 16	0 58	19 18	1 9	22 50	0 5	18 31	1 36	22 9	15 1	14 9	14 12	18 13	13 17	1 16
M20	12 53	26 38	5 6	21 42	2 42	0 54	1 39	21 9	1 33	11 12	0 58	19 17	1 9	22 50	0 5	18 31	1 36	22 9	15 0	14 9	14 10	18 11	13 20	1 17
T 21	13 14	24 16	5 17	21 39	2 36	0 25	1 40	21 4	1 34	11 9	0 58	19 17	1 9	22 51	0 5	18 32	1 36	22 9	15 0	14 9	14 9	18 8	13 22	1 17
W22	13 34	20 53	5 13	21 33	2 28	0s 3	1 41	21 0	1 36	11 6	0 58	19 17	1 9	22 51	0 5	18 32	1 36	22 9	15 0	14 9	14 8	18 6	13 25	1 17
T 23	13 54	16 40	4 57	21 23	2 19	0 32	1 41	20 56	1 38	11 3	0 58	19 16	1 9	22 51	0 5	18 33	1 36	22 9	14 59	14 9	14 7	18 3	13 27	1 17
F 24	14 13	11 48	4 27	21 10	2 9	1 0	1 42	20 51	1 39	11 0	0 59	19 16	1 9	22 52	0 5	18 33	1 36	22 9	14 59	14 9	14 6	18 0	13 29	1 18
S 25	14 33	6 28	3 46	20 52	1 57	1 29	1 43	20 47	1 41	10 57	0 59	19 15	1 9	22 52	0 5	18 33	1 36	22 9	14 59	14 9	14 5	17 58	13 32	1 18
S 26	14 52	0 48	2 54	20 30	1 43	1 58	1 43	20 43	1 43	10 54	0 59	19 14	1 9	22 52	0 5	18 34	1 36	22 9	14 59	14 9	14 4	17 55	13 34	1 18
M27	15 11	4s59	1 52	20 4	1 27	2 27	1 44	20 39	1 45	10 51	0 59	19 14	1 9	22 53	0 5	18 34	1 36	22 9	14 58	14 9	14 3	17 53	13 36	1 18
T 28	15 30	10 43	0 44	19 34	1 10	2 55	1 44	20 35	1 46	10 49	0 59	19 13	1 9	22 53	0 5	18 35	1 36	22 9	14 58	14 9	14 2	17 50	13 39	1 19
W29	15 48	16 7	0s27	19 0	0 52	3 24	1 44	20 31	1 48	10 46	1 0	19 13	1 8	22 53	0 5	18 35	1 36	22 9	14 58	14 9	14 1	17 48	13 41	1 19
T 30	16 7	20 53	1 39	18 23	0 32	3 53	1 45	20 27	1 50	10 43	1 0	19 12	1 8	22 54	0 5	18 36	1 36	22 9	14 57	14 9	14 0	17 45	13 43	1 19
F 31	16s25	24s39	2s46	17s42	0s12	4s21	1n45	20n23	1n52	10n40	1n 0	19s11	1s 8	22s54	0s 5	18s36	1n36	22s 9	14s57	14n 9	13n59	17n43	13s45	1n19

Julian Day Number = 2201634.5, Delta T = 10m00s
Ecliptic obliquity = 23°31'49, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°11'49, Lahiri = 14°18'49 Julian Calendar 1 Oct. 1315 == Greg. Calendar 9 Oct. 1315

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ASTRODIENST EPHEMERIS for the year 1315
geocentric

NOVEMBER 1315 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	3 9 38	16♏ 2'50	22♐56	17°R35	16♎19	7♌24	5♍ 3	9♒ 0	16♐14	29♏45	8°R39	7°R43	7♉12	25♌29	10♏35	S 1
S 2	3 13 35	17° 3'27	6♑46	16♏13	17°33	7°46	5°11	9° 3	16°18	29°48	8♓39	7♉42	7° 9	25°36	10°43	S 2
M 3	3 17 31	18° 4'06	20°46	14°53	18°48	8° 7	5°18	9° 6	16°21	29°50	8°39	7°41	7° 6	25°43	10°51	M 3
T 4	3 21 28	19° 4'46	4♒51	13°38	20° 2	8°27	5°26	9° 9	16°24	29°52	8°39	7°40	7° 2	25°49	10°59	T 4
W 5	3 25 24	20° 5'26	19° 1	12°28	21°16	8°47	5°33	9°12	16°28	29°54	8°38	7°D40	6°59	25°56	11° 7	W 5
T 6	3 29 21	21° 6'08	3♓13	11°27	22°31	9° 7	5°40	9°15	16°31	29°56	8°38	7°40	6°56	26° 3	11°15	T 6
F 7	3 33 18	22° 6'51	17°25	10°36	23°45	9°27	5°47	9°18	16°34	29°59	8°38	7°41	6°53	26° 9	11°24	F 7
S 8	3 37 14	23° 7'35	1♈34	9°57	25° 0	9°45	5°54	9°21	16°38	0♑ 1	8°38	7°42	6°50	26°16	11°32	S 8
S 9	3 41 11	24° 8'20	15°38	9°29	26°14	10° 4	6° 0	9°24	16°41	0° 3	8°38	7°43	6°46	26°23	11°40	S 9
M10	3 45 7	25° 9'06	29°34	9°12	27°29	10°22	6° 7	9°28	16°45	0° 5	8°37	7°44	6°43	26°30	11°47	M10
T 11	3 49 4	26° 9'54	13♉19	9°D 7	28°43	10°39	6°13	9°31	16°48	0° 8	8°37	7°R44	6°40	26°36	11°55	T 11
W12	3 53 0	27°10'42	26°51	9°12	29°58	10°56	6°20	9°35	16°51	0°10	8°37	7°43	6°37	26°43	12° 3	W12
T 13	3 56 57	28°11'32	10♊ 8	9°28	1♏13	11°13	6°26	9°39	16°55	0°12	8°37	7°41	6°34	26°50	12°11	T 13
F 14	4 0 53	29°12'23	23° 8	9°52	2°27	11°29	6°32	9°43	16°58	0°15	8°37	7°38	6°31	26°56	12°19	F 14
S 15	4 4 50	0♐13'16	5♋51	10°25	3°42	11°45	6°37	9°47	17° 2	0°17	8°D37	7°35	6°27	27° 3	12°27	S 15
S 16	4 8 47	1°14'09	18°18	11° 6	4°57	12° 0	6°43	9°51	17° 5	0°19	8°37	7°31	6°24	27°10	12°35	S 16
M17	4 12 43	2°15'04	0♌30	11°52	6°12	12°14	6°48	9°55	17° 9	0°21	8°37	7°27	6°21	27°17	12°43	M17
T 18	4 16 40	3°16'00	12°32	12°45	7°26	12°28	6°54	9°59	17°13	0°24	8°37	7°24	6°18	27°23	12°51	T 18
W19	4 20 36	4°16'58	24°26	13°43	8°41	12°42	6°59	10° 3	17°16	0°26	8°37	7°22	6°15	27°30	12°58	W19
T 20	4 24 33	5°17'56	6♍17	14°45	9°56	12°55	7° 4	10° 7	17°20	0°28	8°37	7°D22	6°12	27°37	13° 6	T 20
F 21	4 28 29	6°18'56	18°11	15°51	11°11	13° 7	7° 8	10°12	17°23	0°30	8°37	7°23	6° 8	27°43	13°14	F 21
S 22	4 32 26	7°19'57	0♎12	17° 0	12°26	13°19	7°13	10°16	17°27	0°33	8°38	7°24	6° 5	27°50	13°21	S 22
S 23	4 36 23	8°20'59	12°25	18°13	13°41	13°30	7°18	10°21	17°30	0°35	8°38	7°26	6° 2	27°57	13°29	S 23
M24	4 40 19	9°22'02	24°54	19°27	14°56	13°41	7°22	10°25	17°34	0°37	8°38	7°27	5°59	28° 4	13°37	M24
T 25	4 44 16	10°23'06	7♏43	20°44	16°11	13°50	7°26	10°30	17°38	0°39	8°38	7°R28	5°56	28°10	13°44	T 25
W26	4 48 12	11°24'11	20°53	22° 3	17°26	14° 0	7°30	10°35	17°41	0°42	8°38	7°27	5°52	28°17	13°52	W26
T 27	4 52 9	12°25'17	4♐25	23°24	18°41	14° 8	7°34	10°40	17°45	0°44	8°39	7°25	5°49	28°24	13°59	T 27
F 28	4 56 5	13°26'24	18°17	24°45	19°56	14°16	7°37	10°45	17°48	0°46	8°39	7°20	5°46	28°30	14° 7	F 28
S 29	5 0 2	14°27'31	2♑26	26° 9	21°11	14°24	7°40	10°50	17°52	0°48	8°39	7°15	5°43	28°37	14°14	S 29
S 30	5 3 58	15♐28'39	16♑47	27♏33	22♏26	14♌30	7♍44	10♒55	17♐56	0♑50	8♓40	7♉ 8	5♉40	28♌44	14♏21	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	16s42	27s 5	3s45	17s 0	0n 9	4s50	1n45	20n19	1n54	10n38	1n 0	19s10	1s 8	22s54	0s 5	18s37	1n36	22s 8	14s57	14n 8	13n58	17n40	13s48	1n20
S 2	17 0	27 53	4 32	16 17	0 29	5 18	1 45	20 15	1 55	10 35	1 1	19 10	1 8	22 55	0 5	18 37	1 36	22 8	14 57	14 8	13 57	17 37	13 50	1 20
M 3	17 17	26 54	5 3	15 35	0 49	5 47	1 45	20 12	1 57	10 33	1 1	19 9	1 8	22 55	0 6	18 38	1 36	22 8	14 56	14 8	13 56	17 35	13 52	1 20
T 4	17 33	24 14	5 16	14 55	1 8	6 15	1 44	20 8	1 59	10 30	1 1	19 8	1 8	22 55	0 6	18 38	1 36	22 8	14 56	14 7	13 55	17 32	13 54	1 20
W 5	17 50	20 5	5 10	14 17	1 25	6 43	1 44	20 5	2 1	10 28	1 1	19 7	1 8	22 56	0 6	18 39	1 36	22 8	14 56	14 7	13 54	17 30	13 57	1 21
T 6	18 6	14 48	4 45	13 44	1 41	7 11	1 44	20 1	2 3	10 25	1 1	19 6	1 8	22 56	0 6	18 39	1 36	22 8	14 55	14 7	13 53	17 27	13 59	1 21
F 7	18 22	8 43	4 3	13 15	1 55	7 39	1 43	19 58	2 5	10 23	1 2	19 5	1 8	22 56	0 6	18 40	1 36	22 7	14 55	14 7	13 52	17 25	14 1	1 21
S 8	18 37	2 14	3 7	12 51	2 6	8 7	1 43	19 55	2 7	10 21	1 2	19 4	1 8	22 57	0 6	18 40	1 36	22 7	14 55	14 8	13 51	17 22	14 3	1 21
S 9	18 53	4n21	1 59	12 34	2 16	8 35	1 42	19 51	2 9	10 18	1 2	19 4	1 8	22 57	0 6	18 41	1 36	22 7	14 54	14 8	13 50	17 19	14 6	1 22
M10	19 8	10 40	0 45	12 21	2 23	9 2	1 42	19 48	2 11	10 16	1 2	19 3	1 8	22 58	0 6	18 41	1 36	22 7	14 54	14 9	13 49	17 17	14 8	1 22
T 11	19 22	16 23	0n31	12 14	2 29	9 29	1 41	19 46	2 13	10 14	1 3	19 2	1 8	22 58	0 6	18 42	1 36	22 6	14 54	14 9	13 48	17 14	14 10	1 22
W12	19 36	21 12	1 43	12 12	2 32	9 56	1 40	19 43	2 15	10 12	1 3	19 1	1 8	22 58	0 6	18 42	1 36	22 6	14 53	14 8	13 47	17 11	14 12	1 23
T 13	19 50	24 50	2 49	12 15	2 35	10 23	1 39	19 40	2 17	10 10	1 3	19 0	1 8	22 59	0 6	18 43	1 36	22 6	14 53	14 8	13 45	17 9	14 14	1 23
F 14	20 3	27 5	3 44	12 22	2 35	10 50	1 38	19 38	2 19	10 8	1 3	18 58	1 8	22 59	0 6	18 43	1 36	22 6	14 53	14 7	13 44	17 6	14 16	1 23
S 15	20 16	27 51	4 27	12 33	2 35	11 16	1 37	19 35	2 21	10 6	1 4	18 57	1 8	22 59	0 6	18 44	1 36	22 5	14 52	14 5	13 43	17 4	14 18	1 23
S 16	20 29	27 10	4 56	12 47	2 33	11 43	1 36	19 33	2 23	10 4	1 4	18 56	1 8	23 0	0 6	18 44	1 36	22 5	14 52	14 4	13 42	17 1	14 21	1 24
M17	20 41	25 11	5 11	13 4	2 30	12 8	1 35	19 31	2 26	10 2	1 4	18 55	1 8	23 0	0 6	18 45	1 36	22 5	14 52	14 3	13 41	16 58	14 23	1 24
T 18	20 53	22 6	5 12	13 24	2 27	12 34	1 34	19 29	2 28	10 1	1 4	18 54	1 8	23 0	0 6	18 45	1 36	22 4	14 52	14 2	13 40	16 56	14 25	1 24
W19	21 5	18 8	5 0	13 45	2 22	12 59	1 32	19 27	2 30	9 59	1 5	18 53	1 8	23 1	0 6	18 46	1 36	22 4	14 51	14 1	13 39	16 53	14 27	1 25
T 20	21 16	13 29	4 35	14 8	2 18	13 24	1 31	19 26	2 32	9 57	1 5	18 52	1 8	23 1	0 6	18 46	1 36	22 4	14 51	14 1	13 38	16 50	14 29	1 25
F 21	21 27	8 20	3 58	14 32	2 12	13 49	1 30	19 24	2 34	9 56	1 5	18 50	1 8	23 1	0 6	18 46	1 36	22 3	14 51	14 2	13 37	16 48	14 31	1 25
S 22	21 37	2 49	3 10	14 58	2 6	14 13	1 28	19 23	2 37	9 54	1 6	18 49	1 8	23 2	0 6	18 47	1 36	22 3	14 50	14 2	13 36	16 45	14 33	1 26
S 23	21 47	2s53	2 13	15 24	2 0	14 38	1 27	19 22	2 39	9 53	1 6	18 48	1 8	23 2	0 6	18 47	1 36	22 3	14 50	14 3	13 35	16 42	14 35	1 26
M24	21 56	8 37	1 8	15 50	1 53	15 1	1 25	19 21	2 41	9 52	1 6	18 47	1 8	23 2	0 6	18 48	1 36	22 2	14 50	14 3	13 34	16 40	14 37	1 26
T 25	22 5	14 9	0s 1	16 18	1 47	15 24	1 24	19 21	2 44	9 50	1 6	18 45	1 7	23 3	0 6	18 48	1 36	22 2	14 49	14 3	13 33	16 37	14 39	1 27
W26	22 14	19 13	1 13	16 45	1 39	15 47	1 22	19 20	2 46	9 49	1 7	18 44	1 7	23 3	0 6	18 49	1 36	22 2	14 49	14 3	13 32	16 34	14 41	1 27
T 27	22 22	23 25	2 22	17 12	1 32	16 10	1 20	19 20	2 48	9 48	1 7	18 43	1 7	23 3	0 6	18 49	1 36	22 1	14 49	14 2	13 31	16 32	14 43	1 27
F 28	22 30	26 24	3 24	17 39	1 25	16 32	1 18	19 20	2 51	9 47	1 7	18 41	1 7	23 4	0 6	18 50	1 36	22 1	14 48	14 1	13 30	16 29	14 45	1 27
S 29	22 37	27 45	4 15	18 6	1 17	16 54	1 16	19 20	2 53	9 46	1 7	18 40	1 7	23 4	0 6	18 50	1 36	22 0	14 48	13 59	13 29	16 26	14 46	1 28
S 30	22s44	27s16	4s50	18s33	1n10	17s15	1n15	19n20	2n55	9n45	1n 8	18s38	1s 7	23s 4	0s 6	18s51	1n36	22s 0	14s48	13n57	13n28	16n24	14s48	1n28

Julian Day Number = 2201665.5, Delta T = 10m00s
Ecliptic obliquity = 23°31'48, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°11'53, Lahiri = 14°18'54 Julian Calendar 1 Nov. 1315 == Greg. Calendar 9 Nov. 1315

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ASTRODIENST EPHEMERIS for the year 1315
geocentric

DECEMBER 1315 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	5 7 55	16♐29'48	1♒13	28♏58	23♏41	14♌36	7♍47	11♒ 0	17♐59	0♐53	8♓40	7°R 2	5♉37	28♌51	14♏29	M 1
T 2	5 11 52	17°30'56	15°40	0♐24	24°56	14°41	7°50	11° 5	18° 3	0°55	8°41	6♉57	5°33	28°57	14°36	T 2
W 3	5 15 48	18°32'05	0♓ 1	1°51	26°11	14°46	7°52	11°10	18° 7	0°57	8°41	6°54	5°30	29° 4	14°43	W 3
T 4	5 19 45	19°33'14	14°15	3°18	27°26	14°50	7°55	11°16	18°10	0°59	8°41	6°D52	5°27	29°11	14°50	T 4
F 5	5 23 41	20°34'23	28°17	4°46	28°41	14°53	7°57	11°21	18°14	1° 1	8°42	6°52	5°24	29°17	14°58	F 5
S 6	5 27 38	21°35'32	12♈ 9	6°15	29°56	14°55	7°59	11°26	18°18	1° 4	8°42	6°54	5°21	29°24	15° 5	S 6
S 7	5 31 34	22°36'42	25°50	7°44	1♑12	14°57	8° 1	11°32	18°21	1° 6	8°43	6°55	5°18	29°31	15°12	S 7
M 8	5 35 31	23°37'51	9♉19	9°13	2°27	14°57	8° 3	11°38	18°25	1° 8	8°43	6°R55	5°14	29°38	15°19	M 8
T 9	5 39 27	24°39'00	22°38	10°43	3°42	14°R57	8° 4	11°43	18°28	1°10	8°44	6°54	5°11	29°44	15°26	T 9
W10	5 43 24	25°40'10	5♊45	12°13	4°57	14°57	8° 6	11°49	18°32	1°12	8°45	6°50	5° 8	29°51	15°32	W10
T 11	5 47 21	26°41'20	18°42	13°44	6°12	14°55	8° 7	11°55	18°36	1°14	8°45	6°44	5° 5	29°58	15°39	T 11
F 12	5 51 17	27°42'30	1♋26	15°15	7°27	14°53	8° 8	12° 1	18°39	1°16	8°46	6°36	5° 2	0♍ 4	15°46	F 12
S 13	5 55 14	28°43'40	13°58	16°46	8°43	14°50	8° 8	12° 7	18°43	1°18	8°47	6°26	4°58	0°11	15°53	S 13
S 14	5 59 10	29°44'50	26°18	18°18	9°58	14°46	8° 9	12°12	18°46	1°20	8°47	6°16	4°55	0°18	15°59	S 14
M15	6 3 7	0♎46'00	8♌27	19°50	11°13	14°41	8° 9	12°19	18°50	1°22	8°48	6° 5	4°52	0°25	16° 6	M15
T 16	6 7 3	1°47'11	20°27	21°22	12°28	14°36	8°R10	12°25	18°54	1°24	8°49	5°56	4°49	0°31	16°12	T 16
W17	6 11 0	2°48'21	2♍20	22°55	13°43	14°30	8°10	12°31	18°57	1°26	8°49	5°49	4°46	0°38	16°19	W17
T 18	6 14 57	3°49'32	14°10	24°28	14°59	14°22	8° 9	12°37	19° 1	1°28	8°50	5°45	4°43	0°45	16°25	T 18
F 19	6 18 53	4°50'43	26° 2	26° 1	16°14	14°14	8° 9	12°43	19° 4	1°30	8°51	5°42	4°39	0°51	16°32	F 19
S 20	6 22 50	5°51'54	8♎ 0	27°35	17°29	14° 6	8° 8	12°49	19° 8	1°32	8°52	5°D42	4°36	0°58	16°38	S 20
S 21	6 26 46	6°53'05	20° 9	29° 9	18°44	13°56	8° 8	12°56	19°11	1°34	8°53	5°42	4°33	1° 5	16°44	S 21
M22	6 30 43	7°54'16	2♏36	0♎44	20° 0	13°46	8° 7	13° 2	19°15	1°36	8°54	5°R43	4°30	1°11	16°50	M22
T 23	6 34 39	8°55'27	15°25	2°19	21°15	13°34	8° 6	13° 8	19°18	1°38	8°54	5°43	4°27	1°18	16°56	T 23
W24	6 38 36	9°56'38	28°39	3°54	22°30	13°22	8° 4	13°15	19°22	1°40	8°55	5°40	4°24	1°25	17° 2	W24
T 25	6 42 32	10°57'49	12♑20	5°30	23°45	13°10	8° 3	13°21	19°25	1°42	8°56	5°35	4°20	1°32	17° 8	T 25
F 26	6 46 29	11°59'00	26°28	7° 7	25° 1	12°56	8° 1	13°28	19°29	1°44	8°57	5°28	4°17	1°38	17°14	F 26
S 27	6 50 26	13° 0'11	10♎59	8°43	26°16	12°42	7°59	13°34	19°32	1°46	8°58	5°18	4°14	1°45	17°20	S 27
S 28	6 54 22	14° 1'21	25°47	10°21	27°31	12°26	7°57	13°41	19°35	1°47	8°59	5° 7	4°11	1°52	17°26	S 28
M29	6 58 19	15° 2'31	10♒42	11°59	28°46	12°11	7°55	13°48	19°39	1°49	9° 0	4°56	4° 8	1°58	17°31	M29
T 30	7 2 15	16° 3'40	25°36	13°37	0♎ 2	11°54	7°52	13°54	19°42	1°51	9° 1	4°46	4° 4	2° 5	17°37	T 30
W31	7 6 12	17♎ 4'48	10♓20	15♎16	1♎17	11♌37	7♍49	14♒ 1	19♐46	1♐53	9♓ 2	4♉39	4♉ 1	2♍12	17♏42	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	22s51	24s58	5s 8	18s59	1n 2	17s36	1n13	19n21	2n58	9n44	1n 8	18s37	1s 7	23s 5	0s 6	18s51	1n36	21s59	14s47	13n55	13n27	16n21	14s50	1n28
T 2	22 56	21 4	5 6	19 25	0 55	17 56	1 11	19 22	3 0	9 43	1 8	18 36	1 7	23 5	0 6	18 51	1 36	21 59	14 47	13 53	13 25	16 18	14 52	1 29
W 3	23 2	15 57	4 45	19 50	0 47	18 16	1 9	19 23	3 3	9 43	1 9	18 34	1 7	23 5	0 6	18 52	1 36	21 58	14 47	13 52	13 24	16 15	14 54	1 29
T 4	23 7	10 0	4 6	20 15	0 40	18 35	1 7	19 24	3 5	9 42	1 9	18 33	1 7	23 6	0 6	18 52	1 36	21 58	14 46	13 52	13 23	16 13	14 56	1 29
F 5	23 12	3 38	3 13	20 39	0 32	18 54	1 4	19 25	3 8	9 41	1 9	18 31	1 7	23 6	0 6	18 53	1 36	21 58	14 46	13 52	13 22	16 10	14 57	1 30
S 6	23 16	2n50	2 10	21 2	0 25	19 12	1 2	19 27	3 10	9 41	1 9	18 29	1 7	23 6	0 6	18 53	1 36	21 57	14 46	13 52	13 21	16 7	14 59	1 30
S 7	23 19	9 5	1 0	21 24	0 17	19 30	1 0	19 29	3 13	9 40	1 10	18 28	1 7	23 7	0 6	18 54	1 36	21 57	14 45	13 52	13 20	16 5	15 1	1 30
M 8	23 23	14 51	0n13	21 45	0 10	19 47	0 58	19 31	3 15	9 40	1 10	18 26	1 7	23 7	0 6	18 54	1 36	21 56	14 45	13 53	13 19	16 2	15 2	1 31
T 9	23 25	19 51	1 24	22 6	0 2	20 4	0 56	19 33	3 18	9 40	1 10	18 25	1 7	23 7	0 6	18 54	1 36	21 56	14 45	13 52	13 18	15 59	15 4	1 31
W10	23 28	23 47	2 29	22 25	0s 5	20 20	0 53	19 36	3 20	9 39	1 10	18 23	1 7	23 8	0 6	18 55	1 36	21 55	14 45	13 51	13 17	15 56	15 6	1 32
T 11	23 29	26 27	3 25	22 44	0 12	20 35	0 51	19 39	3 23	9 39	1 11	18 21	1 7	23 8	0 6	18 55	1 36	21 55	14 44	13 49	13 16	15 54	15 7	1 32
F 12	23 31	27 41	4 10	23 1	0 19	20 50	0 49	19 42	3 25	9 39	1 11	18 20	1 7	23 8	0 6	18 56	1 36	21 54	14 44	13 46	13 15	15 51	15 9	1 32
S 13	23 31	27 28	4 42	23 17	0 25	21 4	0 46	19 45	3 28	9 39	1 11	18 18	1 7	23 9	0 6	18 56	1 36	21 53	14 44	13 43	13 14	15 48	15 11	1 33
S 14	23 32	25 53	5 0	23 33	0 32	21 18	0 44	19 49	3 30	9 39	1 12	18 16	1 7	23 9	0 6	18 56	1 36	21 53	14 43	13 39	13 13	15 45	15 12	1 33
M15	23 32	23 7	5 5	23 47	0 39	21 31	0 42	19 53	3 33	9 39	1 12	18 15	1 7	23 9	0 6	18 57	1 36	21 52	14 43	13 36	13 12	15 43	15 14	1 33
T 16	23 31	19 23	4 55	24 0	0 45	21 44	0 39	19 57	3 35	9 39	1 12	18 13	1 7	23 10	0 6	18 57	1 36	21 52	14 43	13 33	13 11	15 40	15 15	1 34
W17	23 30	14 56	4 33	24 11	0 51	21 56	0 37	20 1	3 38	9 40	1 12	18 11	1 7	23 10	0 6	18 58	1 36	21 51	14 42	13 31	13 9	15 37	15 17	1 34
T 18	23 28	9 56	4 0	24 22	0 57	22 7	0 34	20 5	3 40	9 40	1 13	18 10	1 7	23 10	0 6	18 58	1 36	21 51	14 42	13 29	13 8	15 34	15 18	1 34
F 19	23 26	4 34	3 15	24 31	1 3	22 17	0 32	20 10	3 43	9 40	1 13	18 8	1 7	23 11	0 6	18 58	1 36	21 50	14 42	13 28	13 7	15 31	15 20	1 35
S 20	23 24	1s 0	2 22	24 39	1 9	22 27	0 29	20 15	3 45	9 41	1 13	18 6	1 7	23 11	0 6	18 59	1 36	21 50	14 42	13 28	13 6	15 29	15 21	1 35
S 21	23 21	6 38	1 22	24 46	1 14	22 36	0 27	20 20	3 48	9 41	1 14	18 4	1 7	23 11	0 6	18 59	1 36	21 49	14 41	13 28	13 5	15 26	15 22	1 36
M22	23 18	12 10	0 17	24 51	1 19	22 45	0 24	20 25	3 50	9 42	1 14	18 2	1 7	23 11	0 6	18 59	1 36	21 48	14 41	13 29	13 4	15 23	15 24	1 36
T 23	23 14	17 20	0s51	24 55	1 24	22 53	0 22	20 31	3 52	9 43	1 14	18 1	1 7	23 12	0 6	19 0	1 36	21 48	14 41	13 29	13 3	15 20	15 25	1 36
W24	23 9	21 52	1 59	24 57	1 29	23 0	0 19	20 37	3 55	9 44	1 14	17 59	1 7	23 12	0 6	19 0	1 36	21 47	14 40	13 28	13 2	15 17	15 26	1 37
T 25	23 5	25 22	3 2	24 58	1 33	23 6	0 17	20 43	3 57	9 44	1 15	17 57	1 7	23 12	0 6	19 1	1 36	21 47	14 40	13 26	13 1	15 15	15 28	1 37
F 26	22 59	27 24	3 55	24 58	1 38	23 12	0 14	20 49	3 59	9 45	1 15	17 55	1 7	23 13	0 6	19 1	1 36	21 46	14 40	13 24	13 0	15 12	15 29	1 37
S 27	22 54	27 39	4 35	24 56	1 42	23 17	0 12	20 55	4 1	9 46	1 15	17 53	1 7	23 13	0 6	19 1	1 36	21 45	14 40	13 20	12 59	15 9	15 30	1 38
S 28	22 47	25 56	4 58	24 53	1 45	23 21	0 9	21 2	4 4	9 47	1 16	17 51	1 7	23 13	0 6	19 2	1 36	21 45	14 39	13 17	12 58	15 6	15 32	1 38
M29	22 41	22 25	5 0	24 48	1 49	23 25	0 6	21 8	4 6	9 48	1 16	17 49	1 7	23 13	0 6	19 2	1 36	21 44	14 39	13 13	12 57	15 3	15 33	1 39
T 30	22 34	17 27	4 42	24 41	1 52	23 28	0 4	21 15	4 8	9 50	1 16	17 47	1 7	23 14	0 6	19 2	1 36	21 44	14 39	13 10	12 56	15 1	15 34	1 39
W31	22s26	11s30	4s 6	24s33	1s55	23s30	0n 1	21n22	4n10	9n51	1n16	17s45	1s 7	23s14	0s 6	19s 2	1n36	21s43	14s39	13n 7	12n54	14n58	15s35	1n39

Julian Day Number = 2201695.5, Delta T = 10m00s
Ecliptic obliquity = 23°31'48, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°11'57, Lahiri = 14°18'58 Julian Calendar 1 Dec. 1315 == Greg. Calendar 9 Dec. 1315

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ASTRODIENST EPHEMERIS for the year 1316
geocentric

JANUARY 1316 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	7 10 8	18♉ 5'55	24♓48	16♉55	2♉32	11°R19	7°R46	14♒ 8	19♐49	1♐54	9♓ 3	4°R35	3♉58	2♍19	17♏48	T 1
F 2	7 14 5	19° 7'01	8♈57	18°35	3°47	11♌ 0	7♍43	14°15	19°52	1°56	9° 4	4♉33	3°55	2°25	17°53	F 2
S 3	7 18 1	20° 8'06	22°47	20°15	5° 2	10°41	7°40	14°22	19°55	1°58	9° 6	4°D32	3°52	2°32	17°58	S 3
S 4	7 21 58	21° 9'10	6♉17	21°56	6°18	10°21	7°37	14°28	19°59	1°59	9° 7	4°R33	3°49	2°39	18° 3	S 4
M 5	7 25 55	22°10'13	19°31	23°38	7°33	10° 1	7°33	14°35	20° 2	2° 1	9° 8	4°32	3°45	2°45	18° 8	M 5
T 6	7 29 51	23°11'16	2♊30	25°20	8°48	9°40	7°29	14°42	20° 5	2° 3	9° 9	4°29	3°42	2°52	18°13	T 6
W 7	7 33 48	24°12'17	15°17	27° 3	10° 3	9°19	7°25	14°49	20° 8	2° 4	9°10	4°23	3°39	2°59	18°18	W 7
T 8	7 37 44	25°13'17	27°54	28°46	11°19	8°57	7°21	14°56	20°11	2° 6	9°11	4°15	3°36	3° 6	18°23	T 8
F 9	7 41 41	26°14'16	10♋20	0♒30	12°34	8°35	7°17	15° 3	20°15	2° 7	9°13	4° 3	3°33	3°12	18°28	F 9
S 10	7 45 37	27°15'14	22°38	2°14	13°49	8°12	7°12	15°10	20°18	2° 9	9°14	3°49	3°30	3°19	18°32	S 10
S 11	7 49 34	28°16'11	4♌48	3°59	15° 4	7°49	7° 8	15°17	20°21	2°10	9°15	3°34	3°26	3°26	18°37	S 11
M12	7 53 30	29°17'08	16°51	5°44	16°19	7°26	7° 3	15°24	20°24	2°12	9°16	3°20	3°23	3°32	18°41	M12
T 13	7 57 27	0♒18'03	28°46	7°30	17°34	7° 3	6°58	15°32	20°27	2°13	9°17	3° 7	3°20	3°39	18°46	T 13
W14	8 1 24	1°18'57	10♍38	9°16	18°50	6°39	6°53	15°39	20°30	2°14	9°19	2°56	3°17	3°46	18°50	W14
T 15	8 5 20	2°19'50	22°27	11° 2	20° 5	6°15	6°48	15°46	20°33	2°16	9°20	2°48	3°14	3°52	18°54	T 15
F 16	8 9 17	3°20'43	4♎17	12°48	21°20	5°51	6°42	15°53	20°36	2°17	9°21	2°43	3°10	3°59	18°58	F 16
S 17	8 13 13	4°21'34	16°13	14°35	22°35	5°27	6°37	16° 0	20°39	2°18	9°23	2°41	3° 7	4° 6	19° 2	S 17
S 18	8 17 10	5°22'24	28°19	16°21	23°50	5° 3	6°31	16° 7	20°41	2°20	9°24	2°40	3° 4	4°13	19° 6	S 18
M19	8 21 6	6°23'14	10♏42	18° 6	25° 6	4°39	6°25	16°14	20°44	2°21	9°25	2°40	3° 1	4°19	19°10	M19
T 20	8 25 3	7°24'03	23°25	19°51	26°21	4°15	6°19	16°22	20°47	2°22	9°27	2°39	2°58	4°26	19°14	T 20
W21	8 28 59	8°24'50	6♐34	21°35	27°36	3°51	6°13	16°29	20°50	2°23	9°28	2°37	2°55	4°33	19°17	W21
T 22	8 32 56	9°25'37	20°12	23°18	28°51	3°28	6° 7	16°36	20°52	2°24	9°30	2°32	2°51	4°39	19°21	T 22
F 23	8 36 53	10°26'23	4♑21	25° 0	0♒ 6	3° 4	6° 0	16°43	20°55	2°26	9°31	2°24	2°48	4°46	19°24	F 23
S 24	8 40 49	11°27'07	18°58	26°39	1°21	2°41	5°54	16°51	20°58	2°27	9°32	2°14	2°45	4°53	19°28	S 24
S 25	8 44 46	12°27'51	3♒57	28°16	2°36	2°18	5°47	16°58	21° 0	2°28	9°34	2° 3	2°42	4°59	19°31	S 25
M26	8 48 42	13°28'32	19°10	29°50	3°52	1°55	5°40	17° 5	21° 3	2°29	9°35	1°51	2°39	5° 6	19°34	M26
T 27	8 52 39	14°29'13	4♓24	1♓21	5° 7	1°33	5°34	17°12	21° 5	2°30	9°37	1°41	2°36	5°13	19°37	T 27
W28	8 56 35	15°29'51	19°30	2°47	6°22	1°12	5°27	17°20	21° 8	2°31	9°38	1°33	2°32	5°20	19°40	W28
T 29	9 0 32	16°30'28	4♈19	4° 9	7°37	0°50	5°20	17°27	21°10	2°32	9°40	1°28	2°29	5°26	19°43	T 29
F 30	9 4 28	17°31'03	18°44	5°25	8°52	0°29	5°12	17°34	21°13	2°33	9°41	1°25	2°26	5°33	19°45	F 30
S 31	9 8 25	18♒31'36	2♉44	6♓35	10♒ 7	0♌ 9	5♍ 5	17♒42	21♐15	2♐33	9♓42	1°D25	2♉23	5♍40	19♏48	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22s18	5s 2	3s14	24s24	1s57	23s31	0s 1	21n29	4n12	9n52	1n17	17s43	1s 7	23s14	0s 6	19s 3	1n36	21s42	14s38	13n 6	12n53	14n55	15s36	1n40
F 2	22 10	1n33	2 11	24 12	1 59	23 32	0 4	21 36	4 13	9 54	1 17	17 41	1 7	23 15	0 6	19 3	1 36	21 42	14 38	13 5	12 52	14 52	15 37	1 40
S 3	22 1	7 56	1 2	24 0	2 1	23 32	0 6	21 43	4 15	9 55	1 17	17 39	1 7	23 15	0 6	19 3	1 37	21 41	14 38	13 5	12 51	14 49	15 38	1 41
S 4	21 52	13 49	0n 9	23 45	2 3	23 31	0 9	21 50	4 17	9 57	1 17	17 38	1 7	23 15	0 6	19 4	1 37	21 40	14 38	13 5	12 50	14 46	15 39	1 41
M 5	21 42	18 56	1 18	23 29	2 4	23 30	0 11	21 57	4 19	9 58	1 18	17 36	1 7	23 15	0 6	19 4	1 37	21 40	14 38	13 5	12 49	14 43	15 40	1 42
T 6	21 32	23 4	2 22	23 11	2 4	23 28	0 14	22 4	4 20	10 0	1 18	17 33	1 7	23 16	0 6	19 4	1 37	21 39	14 37	13 4	12 48	14 41	15 41	1 42
W 7	21 21	25 59	3 17	22 52	2 4	23 25	0 16	22 12	4 22	10 2	1 18	17 31	1 7	23 16	0 6	19 5	1 37	21 38	14 37	13 2	12 47	14 38	15 42	1 42
T 8	21 10	27 33	4 2	22 31	2 4	23 21	0 18	22 19	4 23	10 3	1 19	17 29	1 7	23 16	0 6	19 5	1 37	21 38	14 37	12 59	12 46	14 35	15 43	1 43
F 9	20 59	27 41	4 35	22 8	2 3	23 17	0 21	22 26	4 24	10 5	1 19	17 27	1 8	23 16	0 6	19 5	1 37	21 37	14 37	12 55	12 45	14 32	15 44	1 43
S 10	20 47	26 27	4 54	21 43	2 2	23 12	0 23	22 33	4 25	10 7	1 19	17 25	1 8	23 17	0 6	19 5	1 37	21 36	14 36	12 50	12 44	14 29	15 45	1 44
S 11	20 35	23 58	4 59	21 17	2 1	23 6	0 26	22 40	4 27	10 9	1 19	17 23	1 8	23 17	0 6	19 6	1 37	21 36	14 36	12 45	12 43	14 26	15 46	1 44
M12	20 23	20 28	4 51	20 49	1 58	22 59	0 28	22 47	4 27	10 11	1 20	17 21	1 8	23 17	0 6	19 6	1 37	21 35	14 36	12 40	12 41	14 23	15 47	1 45
T 13	20 10	16 10	4 30	20 20	1 56	22 52	0 30	22 54	4 28	10 13	1 20	17 19	1 8	23 17	0 6	19 6	1 37	21 34	14 36	12 36	12 40	14 21	15 47	1 45
W14	19 57	11 16	3 58	19 49	1 52	22 44	0 32	23 1	4 29	10 15	1 20	17 17	1 8	23 17	0 6	19 6	1 37	21 34	14 36	12 32	12 39	14 18	15 48	1 45
T 15	19 43	6 0	3 15	19 16	1 48	22 36	0 35	23 8	4 30	10 18	1 20	17 15	1 8	23 18	0 6	19 7	1 37	21 33	14 35	12 29	12 38	14 15	15 49	1 46
F 16	19 29	0 29	2 24	18 41	1 44	22 26	0 37	23 15	4 30	10 20	1 20	17 13	1 8	23 18	0 6	19 7	1 37	21 32	14 35	12 28	12 37	14 12	15 49	1 46
S 17	19 15	5s 5	1 26	18 6	1 39	22 16	0 39	23 21	4 31	10 22	1 21	17 11	1 8	23 18	0 6	19 7	1 37	21 32	14 35	12 27	12 36	14 9	15 50	1 47
S 18	19 0	10 34	0 23	17 28	1 33	22 6	0 41	23 27	4 31	10 24	1 21	17 9	1 8	23 18	0 6	19 7	1 37	21 31	14 35	12 27	12 35	14 6	15 51	1 47
M19	18 45	15 45	0s42	16 50	1 26	21 54	0 43	23 34	4 31	10 27	1 21	17 6	1 8	23 19	0 6	19 7	1 37	21 30	14 35	12 27	12 34	14 3	15 51	1 48
T 20	18 29	20 26	1 47	16 10	1 19	21 42	0 45	23 40	4 31	10 29	1 21	17 4	1 8	23 19	0 6	19 8	1 37	21 30	14 35	12 26	12 33	14 0	15 52	1 48
W21	18 14	24 16	2 49	15 29	1 11	21 30	0 47	23 45	4 31	10 32	1 22	17 2	1 8	23 19	0 6	19 8	1 37	21 29	14 34	12 26	12 32	13 57	15 52	1 49
T 22	17 58	26 52	3 43	14 47	1 2	21 16	0 49	23 51	4 31	10 34	1 22	17 0	1 8	23 19	0 6	19 8	1 37	21 28	14 34	12 24	12 31	13 54	15 53	1 49
F 23	17 41	27 53	4 26	14 4	0 53	21 2	0 51	23 56	4 31	10 37	1 22	16 58	1 8	23 19	0 6	19 8	1 37	21 28	14 34	12 21	12 29	13 52	15 53	1 49
S 24	17 25	27 1	4 53	13 21	0 43	20 48	0 53	24 1	4 31	10 39	1 22	16 56	1 8	23 20	0 6	19 8	1 37	21 27	14 34	12 18	12 28	13 49	15 54	1 50
S 25	17 8	24 12	5 0	12 37	0 32	20 33	0 55	24 6	4 30	10 42	1 22	16 54	1 8	23 20	0 6	19 8	1 37	21 26	14 34	12 14	12 27	13 46	15 54	1 50
M26	16 50	19 40	4 47	11 53	0 20	20 17	0 57	24 11	4 30	10 45	1 23	16 51	1 8	23 20	0 6	19 9	1 37	21 26	14 34	12 10	12 26	13 43	15 55	1 51
T 27	16 33	13 52	4 13	11 9	0 7	20 1	0 59	24 16	4 29	10 47	1 23	16 49	1 8	23 20	0 6	19 9	1 38	21 25	14 34	12 6	12 25	13 40	15 55	1 51
W28	16 15	7 16	3 22	10 26	0n 6	19 44	1 0	24 20	4 29	10 50	1 23	16 47	1 8	23 20	0 6	19 9	1 38	21 24	14 34	12 3	12 24	13 37	15 55	1 52
T 29	15 57	0 24	2 18	9 43	0 20	19 26	1 2	24 24	4 28	10 53	1 23	16 45	1 8	23 20	0 6	19 9	1 38	21 24	14 33	12 2	12 23	13 34	15 56	1 52
F 30	15 39	6n20	1 7	9 2	0 34	19 8	1 4	24 28	4 27	10 56	1 23	16 43	1 9	23 21	0 6	19 9	1 38	21 23	14 33	12 1	12 22	13 31	15 56	1 53
S 31	15s20	12n34	0n 7	8s22	0n49	18s49	1s 5	24n31	4n26	10n58	1n23	16s41	1s 9	23s21	0s 6	19s 9	1n38	21s22	14s33	12n 1	12n21	13n28	15s56	1n53

Julian Day Number = 2201726.5, Delta T = 10m00s
Ecliptic obliquity = 23°31'48, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°12'01, Lahiri = 14°19'02 Julian Calendar 1 Jan. 1316 == Greg. Calendar 9 Jan. 1316

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ASTRODIENST EPHEMERIS for the year 1316
geocentric

FEBRUARY 1316 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	9 12 22	19♒32'08	16♉18	7♓38	11♒22	29°R49	4°R58	17♒49	21♐17	2♐34	9♓44	1°R25	2♉20	5♍46	19♏50	S 1
M 2	9 16 18	20°32'37	29°30	8°34	12°37	29♋30	4♍51	17°56	21°20	2°35	9°45	1♉25	2°16	5°53	19°53	M 2
T 3	9 20 15	21°33'05	12♊22	9°21	13°52	29°12	4°43	18° 3	21°22	2°36	9°47	1°23	2°13	6° 0	19°55	T 3
W 4	9 24 11	22°33'31	24°58	10° 0	15° 7	28°54	4°36	18°11	21°24	2°37	9°48	1°18	2°10	6° 6	19°57	W 4
T 5	9 28 8	23°33'55	7♋22	10°29	16°22	28°37	4°28	18°18	21°26	2°37	9°50	1°11	2° 7	6°13	19°59	T 5
F 6	9 32 4	24°34'17	19°35	10°49	17°37	28°20	4°21	18°25	21°29	2°38	9°52	1° 1	2° 4	6°20	20° 1	F 6
S 7	9 36 1	25°34'37	1♌41	10°59	18°52	28° 5	4°13	18°32	21°31	2°39	9°53	0°50	2° 1	6°27	20° 3	S 7
S 8	9 39 58	26°34'55	13°41	11°R 0	20° 7	27°50	4° 5	18°40	21°33	2°39	9°55	0°37	1°57	6°33	20° 5	S 8
M 9	9 43 54	27°35'11	25°36	10°50	21°22	27°35	3°57	18°47	21°35	2°40	9°56	0°25	1°54	6°40	20° 7	M 9
T 10	9 47 51	28°35'26	7♍28	10°31	22°37	27°22	3°50	18°54	21°37	2°40	9°58	0°13	1°51	6°47	20° 8	T 10
W11	9 51 47	29°35'39	19°19	10° 3	23°52	27° 9	3°42	19° 1	21°38	2°41	9°59	0° 4	1°48	6°53	20° 9	W11
T 12	9 55 44	0♓35'50	1♎ 9	9°27	25° 7	26°57	3°34	19° 9	21°40	2°41	10° 1	29♈57	1°45	7° 0	20°11	T 12
F 13	9 59 40	1°35'59	13° 2	8°43	26°22	26°45	3°26	19°16	21°42	2°42	10° 2	29°53	1°42	7° 7	20°12	F 13
S 14	10 3 37	2°36'06	25° 1	7°53	27°37	26°35	3°18	19°23	21°44	2°42	10° 4	29°D51	1°38	7°13	20°13	S 14
S 15	10 7 33	3°36'12	7♏ 9	6°58	28°51	26°25	3°10	19°30	21°46	2°43	10° 5	29°52	1°35	7°20	20°14	S 15
M16	10 11 30	4°36'17	19°31	6° 0	0♓ 6	26°16	3° 3	19°37	21°47	2°43	10° 7	29°53	1°32	7°27	20°15	M16
T 17	10 15 26	5°36'20	2♐11	5° 0	1°21	26° 8	2°55	19°44	21°49	2°43	10° 9	29°R53	1°29	7°34	20°16	T 17
W18	10 19 23	6°36'21	15°14	3°59	2°36	26° 1	2°47	19°51	21°50	2°44	10°10	29°53	1°26	7°40	20°16	W18
T 19	10 23 20	7°36'21	28°44	2°58	3°51	25°54	2°39	19°58	21°52	2°44	10°12	29°51	1°22	7°47	20°17	T 19
F 20	10 27 16	8°36'19	12♑43	2° 0	5° 6	25°48	2°31	20° 5	21°53	2°44	10°13	29°47	1°19	7°54	20°17	F 20
S 21	10 31 13	9°36'15	27°11	1° 5	6°21	25°43	2°24	20°13	21°55	2°44	10°15	29°40	1°16	8° 0	20°18	S 21
S 22	10 35 9	10°36'09	12♒ 3	0°14	7°35	25°39	2°16	20°20	21°56	2°44	10°16	29°33	1°13	8° 7	20°18	S 22
M23	10 39 6	11°36'02	27°13	29♒28	8°50	25°35	2° 8	20°26	21°57	2°44	10°18	29°25	1°10	8°14	20°R18	M23
T 24	10 43 2	12°35'53	12♓31	28°47	10° 5	25°33	2° 1	20°33	21°59	2°44	10°20	29°19	1° 7	8°20	20°18	T 24
W25	10 46 59	13°35'41	27°46	28°13	11°20	25°31	1°53	20°40	22° 0	2°45	10°21	29°13	1° 3	8°27	20°18	W25
T 26	10 50 55	14°35'28	12♈47	27°44	12°35	25°30	1°45	20°47	22° 1	2°R45	10°23	29°10	1° 0	8°34	20°18	T 26
F 27	10 54 52	15°35'12	27°27	27°22	13°49	25°D29	1°38	20°54	22° 2	2°45	10°24	29°D 9	0°57	8°40	20°17	F 27
S 28	10 58 49	16°34'54	11♉40	27° 6	15° 4	25°29	1°31	21° 1	22° 3	2°44	10°26	29°10	0°54	8°47	20°17	S 28
S 29	11 2 45	17♓34'34	25♉26	26♒57	16♓19	25♋30	1♍23	21♒ 8	22♐ 4	2♐44	10♓27	29♈11	0♉51	8♍54	20♏16	S 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	15s 1	18n 1	1n18	7s45	1n 4	18s30	1s 7	24n34	4n25	11n 1	1n24	16s38	1s 9	23s21	0s 6	19s 9	1n38	21s22	14s33	12n 1	12n20	13n25	15s56	1n54
M 2	14 42	22 27	2 23	7 10	1 20	18 11	1 8	24 37	4 23	11 4	1 24	16 36	1 9	23 21	0 6	19 9	1 38	21 21	14 33	12 1	12 19	13 22	15 57	1 54
T 3	14 22	25 39	3 19	6 37	1 35	17 50	1 10	24 40	4 22	11 7	1 24	16 34	1 9	23 21	0 6	19 10	1 38	21 20	14 33	12 0	12 17	13 19	15 57	1 55
W 4	14 3	27 30	4 4	6 8	1 51	17 30	1 11	24 43	4 21	11 10	1 24	16 32	1 9	23 21	0 6	19 10	1 38	21 20	14 33	11 58	12 16	13 16	15 57	1 55
T 5	13 43	27 56	4 37	5 43	2 6	17 8	1 12	24 45	4 20	11 13	1 24	16 30	1 9	23 22	0 6	19 10	1 38	21 19	14 33	11 56	12 15	13 13	15 57	1 56
F 6	13 23	26 59	4 56	5 21	2 21	16 47	1 14	24 47	4 18	11 16	1 24	16 27	1 9	23 22	0 6	19 10	1 38	21 18	14 33	11 52	12 14	13 10	15 57	1 56
S 7	13 3	24 46	5 2	5 4	2 36	16 24	1 15	24 49	4 17	11 19	1 24	16 25	1 9	23 22	0 6	19 10	1 38	21 18	14 33	11 48	12 13	13 7	15 57	1 57
S 8	12 42	21 28	4 54	4 52	2 49	16 2	1 16	24 50	4 15	11 21	1 24	16 23	1 9	23 22	0 7	19 10	1 38	21 17	14 33	11 44	12 12	13 4	15 57	1 57
M 9	12 21	17 19	4 34	4 44	3 2	15 39	1 17	24 51	4 13	11 24	1 25	16 21	1 9	23 22	0 7	19 10	1 38	21 16	14 33	11 40	12 11	13 1	15 57	1 57
T 10	12 1	12 32	4 2	4 40	3 13	15 15	1 18	24 53	4 12	11 27	1 25	16 19	1 9	23 22	0 7	19 10	1 38	21 16	14 33	11 36	12 10	12 58	15 57	1 58
W11	11 39	7 17	3 19	4 42	3 23	14 51	1 19	24 53	4 10	11 30	1 25	16 17	1 9	23 22	0 7	19 10	1 38	21 15	14 32	11 32	12 9	12 55	15 57	1 58
T 12	11 18	1 47	2 27	4 48	3 31	14 27	1 20	24 54	4 8	11 33	1 25	16 14	1 9	23 23	0 7	19 10	1 38	21 14	14 32	11 30	12 8	12 52	15 57	1 59
F 13	10 57	3s48	1 29	4 58	3 38	14 2	1 21	24 55	4 6	11 36	1 25	16 12	1 10	23 23	0 7	19 10	1 38	21 14	14 32	11 28	12 6	12 49	15 57	1 59
S 14	10 35	9 19	0 26	5 13	3 42	13 37	1 21	24 55	4 4	11 39	1 25	16 10	1 10	23 23	0 7	19 10	1 38	21 13	14 32	11 28	12 5	12 46	15 56	2 0
S 15	10 13	14 34	0s39	5 31	3 44	13 12	1 22	24 55	4 2	11 42	1 25	16 8	1 10	23 23	0 7	19 10	1 38	21 13	14 32	11 28	12 4	12 43	15 56	2 0
M16	9 52	19 20	1 44	5 52	3 44	12 46	1 23	24 55	4 0	11 45	1 25	16 6	1 10	23 23	0 7	19 10	1 39	21 12	14 32	11 28	12 3	12 40	15 56	2 1
T 17	9 29	23 22	2 45	6 16	3 42	12 20	1 23	24 54	3 58	11 48	1 25	16 3	1 10	23 23	0 7	19 10	1 39	21 11	14 32	11 29	12 2	12 37	15 56	2 1
W18	9 7	26 20	3 39	6 42	3 38	11 53	1 24	24 54	3 56	11 51	1 25	16 1	1 10	23 23	0 7	19 10	1 39	21 11	14 32	11 28	12 1	12 34	15 55	2 2
T 19	8 45	27 55	4 23	7 9	3 32	11 27	1 24	24 53	3 54	11 54	1 25	15 59	1 10	23 23	0 7	19 10	1 39	21 10	14 32	11 28	12 0	12 31	15 55	2 2
F 20	8 22	27 47	4 54	7 37	3 24	11 0	1 25	24 52	3 52	11 56	1 25	15 57	1 10	23 24	0 7	19 10	1 39	21 9	14 32	11 26	11 59	12 28	15 55	2 3
S 21	8 0	25 49	5 7	8 6	3 15	10 32	1 25	24 51	3 50	11 59	1 25	15 55	1 10	23 24	0 7	19 10	1 39	21 9	14 32	11 24	11 58	12 25	15 54	2 3
S 22	7 37	22 2	5 0	8 34	3 4	10 4	1 25	24 50	3 48	12 2	1 25	15 53	1 10	23 24	0 7	19 10	1 39	21 8	14 32	11 21	11 56	12 22	15 54	2 4
M23	7 14	16 44	4 32	9 1	2 52	9 37	1 26	24 48	3 46	12 5	1 25	15 51	1 11	23 24	0 7	19 10	1 39	21 8	14 32	11 19	11 55	12 19	15 54	2 4
T 24	6 51	10 20	3 45	9 27	2 39	9 8	1 26	24 47	3 44	12 8	1 25	15 48	1 11	23 24	0 7	19 10	1 39	21 7	14 32	11 16	11 54	12 16	15 53	2 5
W25	6 28	3 21	2 41	9 52	2 26	8 40	1 26	24 45	3 42	12 10	1 25	15 46	1 11	23 24	0 7	19 10	1 39	21 7	14 32	11 14	11 53	12 13	15 53	2 5
T 26	6 5	3n44	1 27	10 15	2 11	8 11	1 26	24 43	3 40	12 13	1 25	15 44	1 11	23 24	0 7	19 10	1 39	21 6	14 33	11 13	11 52	12 10	15 52	2 6
F 27	5 42	10 28	0 9	10 36	1 57	7 42	1 26	24 41	3 38	12 16	1 25	15 42	1 11	23 24	0 7	19 10	1 39	21 5	14 33	11 13	11 51	12 7	15 51	2 6
S 28	5 19	16 28	1n 7	10 55	1 42	7 13	1 26	24 39	3 36	12 19	1 25	15 40	1 11	23 24	0 7	19 10	1 39	21 5	14 33	11 13	11 50	12 4	15 51	2 7
S 29	4s56	21n25	2n18	11s12	1n28	6s44	1s26	24n37	3n33	12n21	1n25	15s38	1s11	23s24	0s 7	19s10	1n39	21s 4	14s33	11n13	11n49	12n 1	15s50	2n 7

Julian Day Number = 2201757.5, Delta T = 09m59s
Ecliptic obliquity = 23°31'49, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°12'06, Lahiri = 14°19'06 Julian Calendar 1 Feb. 1316 == Greg. Calendar 9 Feb. 1316

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ASTRODIENST EPHEMERIS for the year 1316
geocentric

MARCH 1316 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	11 6 42	18♓34'12	8♊46	26°D54	17♓33	25♋32	1°R16	21♒14	22♐ 5	2°R44	10♓29	29♈12	0♉47	9♍ 1	20°R16	M 1
T 2	11 10 38	19°33'47	21°41	26♒56	18°48	25°35	1♍ 9	21°21	22° 6	2♐44	10°31	29°R13	0°44	9° 7	20♏15	T 2
W 3	11 14 35	20°33'20	4♋17	27° 5	20° 3	25°38	1° 2	21°28	22° 7	2°44	10°32	29°11	0°41	9°14	20°14	W 3
T 4	11 18 31	21°32'51	16°36	27°19	21°17	25°42	0°55	21°35	22° 8	2°44	10°34	29° 9	0°38	9°21	20°13	T 4
F 5	11 22 28	22°32'19	28°43	27°38	22°32	25°46	0°48	21°41	22° 9	2°43	10°35	29° 4	0°35	9°27	20°12	F 5
S 6	11 26 24	23°31'45	10♌42	28° 2	23°46	25°52	0°41	21°48	22° 9	2°43	10°37	28°59	0°32	9°34	20°11	S 6
S 7	11 30 21	24°31'09	22°36	28°30	25° 1	25°58	0°34	21°54	22°10	2°43	10°38	28°52	0°28	9°41	20°10	S 7
M 8	11 34 18	25°30'30	4♍27	29° 3	26°16	26° 4	0°28	22° 1	22°11	2°42	10°40	28°46	0°25	9°47	20° 8	M 8
T 9	11 38 14	26°29'49	16°18	29°40	27°30	26°11	0°21	22° 7	22°11	2°42	10°41	28°40	0°22	9°54	20° 7	T 9
W10	11 42 11	27°29'06	28° 9	0♓22	28°45	26°19	0°15	22°14	22°12	2°42	10°43	28°36	0°19	10° 1	20° 5	W10
T 11	11 46 7	28°28'21	10♎ 5	1° 6	29°59	26°27	0° 9	22°20	22°12	2°41	10°44	28°33	0°16	10° 8	20° 4	T 11
F 12	11 50 4	29°27'34	22° 5	1°55	1♈14	26°36	0° 3	22°26	22°12	2°41	10°46	28°31	0°13	10°14	20° 2	F 12
S 13	11 54 0	0♈26'45	4♏12	2°46	2°28	26°46	29♌57	22°33	22°13	2°40	10°47	28°D31	0° 9	10°21	20° 0	S 13
S 14	11 57 57	1°25'55	16°29	3°41	3°43	26°56	29°51	22°39	22°13	2°40	10°49	28°32	0° 6	10°28	19°58	S 14
M15	12 1 53	2°25'02	28°59	4°39	4°57	27° 7	29°45	22°45	22°13	2°39	10°50	28°34	0° 3	10°34	19°56	M15
T 16	12 5 50	3°24'08	11♐44	5°39	6°11	27°18	29°40	22°51	22°14	2°38	10°52	28°35	29♈59	10°41	19°54	T 16
W17	12 9 47	4°23'11	24°49	6°43	7°26	27°30	29°34	22°57	22°14	2°38	10°53	28°36	29°57	10°48	19°52	W17
T 18	12 13 43	5°22'13	8♑15	7°48	8°40	27°42	29°29	23° 3	22°14	2°37	10°55	28°R37	29°53	10°54	19°49	T 18
F 19	12 17 40	6°21'14	22° 4	8°56	9°55	27°55	29°24	23° 9	22°R14	2°36	10°56	28°36	29°50	11° 1	19°47	F 19
S 20	12 21 36	7°20'12	6♒17	10° 7	11° 9	28° 8	29°19	23°15	22°14	2°36	10°58	28°34	29°47	11° 8	19°44	S 20
S 21	12 25 33	8°19'09	20°53	11°20	12°23	28°22	29°14	23°21	22°14	2°35	10°59	28°32	29°44	11°14	19°42	S 21
M22	12 29 29	9°18'03	5♓45	12°34	13°38	28°36	29°10	23°27	22°14	2°34	11° 1	28°29	29°41	11°21	19°39	M22
T 23	12 33 26	10°16'56	20°48	13°51	14°52	28°51	29° 5	23°33	22°13	2°33	11° 2	28°27	29°38	11°28	19°36	T 23
W24	12 37 22	11°15'47	5♈53	15°10	16° 6	29° 6	29° 1	23°38	22°13	2°33	11° 3	28°25	29°34	11°34	19°34	W24
T 25	12 41 19	12°14'36	20°50	16°31	17°20	29°22	28°57	23°44	22°13	2°32	11° 5	28°24	29°31	11°41	19°31	T 25
F 26	12 45 15	13°13'23	5♉32	17°54	18°35	29°38	28°53	23°50	22°13	2°31	11° 6	28°D24	29°28	11°48	19°28	F 26
S 27	12 49 12	14°12'08	19°51	19°18	19°49	29°55	28°49	23°55	22°12	2°30	11° 8	28°25	29°25	11°55	19°25	S 27
S 28	12 53 9	15°10'51	3♊46	20°45	21° 3	0♌12	28°45	24° 1	22°12	2°29	11° 9	28°26	29°22	12° 1	19°21	S 28
M29	12 57 5	16° 9'31	17°14	22°13	22°17	0°29	28°42	24° 6	22°11	2°28	11°10	28°27	29°19	12° 8	19°18	M29
T 30	13 1 2	17° 8'09	0♋16	23°43	23°31	0°47	28°39	24°11	22°11	2°27	11°12	28°28	29°15	12°15	19°15	T 30
W31	13 4 58	18♈ 6'45	12♋57	25♓15	24♈46	1♌ 5	28♌36	24♒17	22♐10	2♐26	11♓13	28°R28	29♈12	12♍21	19♏11	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	4s32	25n 6	3n18	11s27	1n13	6s15	1s25	24n34	3n31	12n24	1n25	15s36	1s11	23s24	0s 7	19s10	1n39	21s 4	14s33	11n14	11n48	11n58	15s50	2n 8
T 2	4 9	27 22	4 7	11 40	0 59	5 45	1 25	24 32	3 29	12 26	1 25	15 34	1 11	23 24	0 7	19 10	1 39	21 3	14 33	11 14	11 46	11 55	15 49	2 8
W 3	3 45	28 9	4 42	11 50	0 44	5 15	1 25	24 29	3 27	12 29	1 25	15 32	1 12	23 25	0 7	19 10	1 39	21 3	14 33	11 14	11 45	11 52	15 48	2 9
T 4	3 22	27 30	5 3	11 58	0 31	4 45	1 24	24 26	3 25	12 31	1 25	15 30	1 12	23 25	0 7	19 10	1 39	21 2	14 33	11 13	11 44	11 49	15 47	2 9
F 5	2 58	25 33	5 11	12 5	0 17	4 15	1 24	24 23	3 23	12 34	1 25	15 28	1 12	23 25	0 7	19 10	1 39	21 2	14 33	11 11	11 43	11 46	15 47	2 10
S 6	2 35	22 29	5 4	12 9	0 4	3 45	1 23	24 20	3 21	12 36	1 25	15 26	1 12	23 25	0 7	19 9	1 39	21 1	14 33	11 9	11 42	11 43	15 46	2 10
S 7	2 11	18 31	4 45	12 10	0s 9	3 15	1 23	24 17	3 19	12 38	1 25	15 24	1 12	23 25	0 7	19 9	1 40	21 1	14 33	11 7	11 41	11 40	15 45	2 11
M 8	1 47	13 50	4 13	12 10	0 21	2 45	1 22	24 14	3 17	12 41	1 25	15 22	1 12	23 25	0 7	19 9	1 40	21 0	14 33	11 5	11 40	11 37	15 44	2 11
T 9	1 24	8 39	3 30	12 8	0 32	2 14	1 21	24 11	3 15	12 43	1 25	15 20	1 12	23 25	0 7	19 9	1 40	21 0	14 33	11 3	11 39	11 34	15 43	2 12
W10	1 0	3 9	2 38	12 4	0 44	1 44	1 20	24 7	3 12	12 45	1 25	15 18	1 12	23 25	0 7	19 9	1 40	20 59	14 34	11 1	11 38	11 30	15 43	2 12
T 11	0 37	2s29	1 39	11 58	0 54	1 13	1 20	24 3	3 10	12 47	1 25	15 16	1 13	23 25	0 7	19 9	1 40	20 59	14 34	11 0	11 36	11 27	15 42	2 13
F 12	0 13	8 5	0 35	11 50	1 4	0 43	1 19	24 0	3 8	12 49	1 25	15 14	1 13	23 25	0 7	19 9	1 40	20 58	14 34	10 59	11 35	11 24	15 41	2 13
S 13	0n11	13 27	0s31	11 40	1 14	0 12	1 18	23 56	3 6	12 51	1 25	15 12	1 13	23 25	0 7	19 9	1 40	20 58	14 34	10 59	11 34	11 21	15 40	2 14
S 14	0 34	18 23	1 37	11 29	1 23	0n18	1 17	23 52	3 4	12 53	1 25	15 10	1 13	23 25	0 7	19 8	1 40	20 57	14 34	11 0	11 33	11 18	15 39	2 14
M15	0 58	22 36	2 40	11 16	1 31	0 49	1 16	23 48	3 2	12 55	1 25	15 8	1 13	23 25	0 7	19 8	1 40	20 57	14 34	11 0	11 32	11 15	15 38	2 15
T 16	1 21	25 50	3 36	11 1	1 39	1 20	1 14	23 44	3 0	12 57	1 24	15 6	1 13	23 25	0 7	19 8	1 40	20 56	14 34	11 1	11 31	11 12	15 37	2 15
W17	1 45	27 47	4 22	10 44	1 47	1 50	1 13	23 39	2 58	12 59	1 24	15 4	1 13	23 25	0 7	19 8	1 40	20 56	14 35	11 1	11 30	11 9	15 36	2 15
T 18	2 8	28 11	4 55	10 26	1 54	2 21	1 12	23 35	2 56	13 1	1 24	15 2	1 13	23 25	0 7	19 8	1 40	20 55	14 35	11 1	11 29	11 6	15 35	2 16
F 19	2 32	26 52	5 13	10 6	2 0	2 51	1 11	23 30	2 54	13 2	1 24	15 1	1 14	23 25	0 7	19 8	1 40	20 55	14 35	11 1	11 27	11 3	15 34	2 16
S 20	2 55	23 48	5 12	9 45	2 6	3 22	1 9	23 26	2 53	13 4	1 24	14 59	1 14	23 25	0 7	19 7	1 40	20 55	14 35	11 0	11 26	11 0	15 32	2 17
S 21	3 19	19 11	4 51	9 22	2 11	3 52	1 8	23 21	2 51	13 6	1 24	14 57	1 14	23 25	0 7	19 7	1 40	20 54	14 35	11 0	11 25	10 56	15 31	2 17
M22	3 42	13 19	4 11	8 57	2 16	4 23	1 6	23 16	2 49	13 7	1 24	14 55	1 14	23 25	0 7	19 7	1 40	20 54	14 35	10 59	11 24	10 53	15 30	2 18
T 23	4 5	6 37	3 13	8 31	2 20	4 53	1 5	23 11	2 47	13 8	1 24	14 53	1 14	23 25	0 7	19 7	1 40	20 53	14 36	10 58	11 23	10 50	15 29	2 18
W24	4 28	0n29	2 1	8 4	2 24	5 23	1 3	23 6	2 45	13 10	1 24	14 52	1 14	23 25	0 7	19 7	1 40	20 53	14 36	10 57	11 22	10 47	15 28	2 19
T 25	4 51	7 31	0 42	7 35	2 27	5 53	1 2	23 1	2 43	13 11	1 23	14 50	1 15	23 25	0 7	19 6	1 40	20 53	14 36	10 57	11 21	10 44	15 27	2 19
F 26	5 14	14 2	0n39	7 5	2 29	6 23	1 0	22 56	2 41	13 12	1 23	14 48	1 15	23 25	0 7	19 6	1 40	20 52	14 36	10 57	11 20	10 41	15 25	2 20
S 27	5 37	19 38	1 56	6 34	2 31	6 53	0 58	22 51	2 40	13 14	1 23	14 46	1 15	23 25	0 7	19 6	1 40	20 52	14 36	10 57	11 18	10 38	15 24	2 20
S 28	6 0	23 59	3 3	6 1	2 33	7 22	0 57	22 45	2 38	13 15	1 23	14 45	1 15	23 25	0 7	19 6	1 40	20 52	14 37	10 57	11 17	10 35	15 23	2 20
M29	6 23	26 52	3 58	5 27	2 34	7 52	0 55	22 40	2 36	13 16	1 23	14 43	1 15	23 25	0 7	19 5	1 40	20 51	14 37	10 58	11 16	10 31	15 21	2 21
T 30	6 45	28 11	4 39	4 52	2 34	8 21	0 53	22 34	2 34	13 17	1 23	14 41	1 15	23 25	0 7	19 5	1 40	20 51	14 37	10 58	11 15	10 28	15 20	2 21
W31	7n 8	27n58	5n 5	4s15	2s34	8n50	0s51	22n28	2n33	13n18	1n23	14s40	1s15	23s25	0s 7	19s 5	1n41	20s51	14s37	10n58	11n14	10n25	15s19	2n22

Julian Day Number = 2201786.5, Delta T = 09m59s
Ecliptic obliquity = 23°31'49, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°12'10, Lahiri = 14°19'10 Julian Calendar 1 March 1316 == Greg. Calendar 9 March 1316

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ASTRODIENST EPHEMERIS for the year 1316
geocentric

APRIL 1316 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	13 8 55	19♈ 5'19	25♋18	26♓48	26♈ 0	1♌24	28°R33	24♒22	22°R10	2°R25	11♓14	28°R28	29♈ 9	12♍28	19°R 8	T 1
F 2	13 12 51	20° 3'51	7♌25	28°23	27°14	1°43	28♌30	24°27	22♐ 9	2♐24	11°15	28♈28	29° 6	12°35	19♏ 5	F 2
S 3	13 16 48	21° 2'20	19°23	29°59	28°28	2° 3	28°27	24°32	22° 8	2°23	11°17	28°27	29° 3	12°41	19° 1	S 3
S 4	13 20 45	22° 0'47	1♍14	1♈39	29°42	2°22	28°25	24°37	22° 7	2°22	11°18	28°26	28°59	12°48	18°57	S 4
M 5	13 24 41	22°59'12	13° 4	3°19	0♉56	2°43	28°23	24°42	22° 7	2°20	11°19	28°25	28°56	12°55	18°54	M 5
T 6	13 28 38	23°57'35	24°56	5° 1	2°10	3° 3	28°21	24°47	22° 6	2°19	11°20	28°25	28°53	13° 1	18°50	T 6
W 7	13 32 34	24°55'56	6♎51	6°44	3°24	3°24	28°19	24°52	22° 5	2°18	11°22	28°24	28°50	13° 8	18°46	W 7
T 8	13 36 31	25°54'15	18°54	8°30	4°38	3°45	28°17	24°57	22° 4	2°17	11°23	28°24	28°47	13°15	18°42	T 8
F 9	13 40 27	26°52'32	1♏ 5	10°17	5°52	4° 7	28°16	25° 1	22° 3	2°16	11°24	28°D24	28°44	13°21	18°38	F 9
S 10	13 44 24	27°50'47	13°26	12° 6	7° 6	4°28	28°14	25° 6	22° 2	2°14	11°25	28°24	28°40	13°28	18°34	S 10
S 11	13 48 20	28°49'01	26° 0	13°56	8°20	4°51	28°13	25°10	22° 1	2°13	11°26	28°R24	28°37	13°35	18°30	S 11
M12	13 52 17	29°47'13	8♐46	15°49	9°34	5°13	28°12	25°15	21°59	2°12	11°27	28°24	28°34	13°42	18°26	M12
T 13	13 56 13	0♑45'24	21°47	17°43	10°48	5°36	28°12	25°19	21°58	2°11	11°29	28°24	28°31	13°48	18°22	T 13
W14	14 0 10	1°43'32	5♑ 2	19°38	12° 1	5°59	28°11	25°23	21°57	2° 9	11°30	28°24	28°28	13°55	18°18	W14
T 15	14 4 7	2°41'40	18°34	21°36	13°15	6°22	28°11	25°28	21°56	2° 8	11°31	28°23	28°24	14° 2	18°14	T 15
F 16	14 8 3	3°39'46	2♒22	23°35	14°29	6°46	28°10	25°32	21°54	2° 7	11°32	28°D23	28°21	14° 8	18°10	F 16
S 17	14 12 0	4°37'51	16°26	25°36	15°43	7°10	28°D10	25°36	21°53	2° 5	11°33	28°23	28°18	14°15	18° 6	S 17
S 18	14 15 56	5°35'54	0♓44	27°38	16°57	7°34	28°11	25°40	21°52	2° 4	11°34	28°24	28°15	14°22	18° 1	S 18
M19	14 19 53	6°33'55	15°15	29°42	18°10	7°58	28°11	25°44	21°50	2° 2	11°35	28°24	28°12	14°28	17°57	M19
T 20	14 23 49	7°31'56	29°54	1♉48	19°24	8°23	28°12	25°47	21°49	2° 1	11°36	28°25	28° 9	14°35	17°53	T 20
W21	14 27 46	8°29'55	14♈36	3°55	20°38	8°48	28°12	25°51	21°47	1°59	11°37	28°26	28° 5	14°42	17°48	W21
T 22	14 31 42	9°27'52	29°14	6° 3	21°52	9°13	28°13	25°55	21°46	1°58	11°38	28°R26	28° 2	14°48	17°44	T 22
F 23	14 35 39	10°25'48	13♉42	8°12	23° 5	9°39	28°14	25°58	21°44	1°57	11°39	28°26	27°59	14°55	17°40	F 23
S 24	14 39 36	11°23'42	27°54	10°21	24°19	10° 4	28°16	26° 2	21°42	1°55	11°40	28°25	27°56	15° 2	17°35	S 24
S 25	14 43 32	12°21'35	11♊46	12°32	25°33	10°30	28°17	26° 5	21°41	1°54	11°41	28°23	27°53	15° 8	17°31	S 25
M26	14 47 29	13°19'27	25°15	14°43	26°46	10°57	28°19	26° 9	21°39	1°52	11°41	28°21	27°50	15°15	17°26	M26
T 27	14 51 25	14°17'16	8♋21	16°54	28° 0	11°23	28°20	26°12	21°37	1°51	11°42	28°19	27°46	15°22	17°22	T 27
W28	14 55 22	15°15'04	21° 5	19° 5	29°14	11°50	28°22	26°15	21°36	1°49	11°43	28°17	27°43	15°28	17°18	W28
T 29	14 59 18	16°12'50	3♌30	21°15	0♊27	12°16	28°25	26°18	21°34	1°47	11°44	28°16	27°40	15°35	17°13	T 29
F 30	15 3 15	17♑10'35	15♌39	23♑25	1♊41	12♌44	28♌27	26♒21	21♐32	1♐46	11♓45	28°D15	27♈37	15♍42	17♏ 9	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	7n30	26n20	5n16	3s38	2s34	9n19	0s49	22n22	2n31	13n19	1n22	14s38	1s16	23s25	0s 7	19s 5	1n41	20s50	14s37	10n58	11n13	10n22	15s18	2n22
F 2	7 52	23 31	5 13	2 59	2 33	9 48	0 47	22 16	2 29	13 20	1 22	14 37	1 16	23 25	0 7	19 5	1 41	20 50	14 38	10 58	11 12	10 19	15 16	2 23
S 3	8 14	19 45	4 56	2 19	2 31	10 16	0 45	22 10	2 27	13 20	1 22	14 35	1 16	23 25	0 7	19 4	1 41	20 50	14 38	10 58	11 11	10 16	15 15	2 23
S 4	8 36	15 13	4 27	1 37	2 29	10 44	0 43	22 4	2 26	13 21	1 22	14 34	1 16	23 25	0 7	19 4	1 41	20 49	14 38	10 58	11 9	10 13	15 13	2 23
M 5	8 58	10 9	3 46	0 55	2 26	11 12	0 41	21 58	2 24	13 22	1 22	14 32	1 16	23 25	0 7	19 4	1 41	20 49	14 38	10 57	11 8	10 9	15 12	2 24
T 6	9 20	4 42	2 55	0 11	2 23	11 40	0 39	21 51	2 22	13 22	1 22	14 31	1 16	23 25	0 7	19 4	1 41	20 49	14 39	10 57	11 7	10 6	15 11	2 24
W 7	9 41	0s57	1 57	0n33	2 19	12 7	0 37	21 45	2 21	13 23	1 21	14 29	1 17	23 25	0 7	19 3	1 41	20 49	14 39	10 57	11 6	10 3	15 9	2 25
T 8	10 3	6 37	0 53	1 19	2 15	12 34	0 35	21 38	2 19	13 23	1 21	14 28	1 17	23 25	0 7	19 3	1 41	20 49	14 39	10 57	11 5	10 0	15 8	2 25
F 9	10 24	12 8	0s15	2 5	2 10	13 1	0 32	21 32	2 18	13 23	1 21	14 26	1 17	23 25	0 7	19 3	1 41	20 48	14 39	10 57	11 4	9 57	15 6	2 25
S 10	10 45	17 15	1 23	2 53	2 5	13 27	0 30	21 25	2 16	13 24	1 21	14 25	1 17	23 25	0 7	19 2	1 41	20 48	14 40	10 57	11 3	9 54	15 5	2 26
S 11	11 6	21 43	2 27	3 41	1 59	13 54	0 28	21 18	2 14	13 24	1 21	14 24	1 17	23 25	0 7	19 2	1 41	20 48	14 40	10 57	11 1	9 50	15 3	2 26
M12	11 26	25 14	3 26	4 30	1 53	14 19	0 26	21 11	2 13	13 24	1 21	14 22	1 18	23 25	0 7	19 2	1 41	20 48	14 40	10 57	11 0	9 47	15 2	2 27
T 13	11 47	27 31	4 15	5 20	1 46	14 45	0 23	21 4	2 11	13 24	1 20	14 21	1 18	23 25	0 8	19 2	1 41	20 47	14 40	10 57	10 59	9 44	15 0	2 27
W14	12 7	28 17	4 51	6 11	1 39	15 10	0 21	20 57	2 10	13 24	1 20	14 20	1 18	23 25	0 8	19 1	1 41	20 47	14 41	10 57	10 58	9 41	14 59	2 27
T 15	12 27	27 24	5 12	7 2	1 31	15 35	0 19	20 49	2 8	13 24	1 20	14 18	1 18	23 25	0 8	19 1	1 41	20 47	14 41	10 57	10 57	9 38	14 57	2 28
F 16	12 47	24 50	5 16	7 54	1 23	15 59	0 16	20 42	2 7	13 24	1 20	14 17	1 18	23 24	0 8	19 1	1 41	20 47	14 41	10 56	10 56	9 35	14 56	2 28
S 17	13 7	20 46	5 2	8 47	1 15	16 23	0 14	20 34	2 5	13 24	1 20	14 16	1 18	23 24	0 8	19 0	1 41	20 47	14 42	10 57	10 55	9 31	14 54	2 28
S 18	13 26	15 25	4 28	9 39	1 6	16 47	0 12	20 27	2 4	13 24	1 20	14 15	1 19	23 24	0 8	19 0	1 41	20 47	14 42	10 57	10 54	9 28	14 53	2 29
M19	13 46	9 10	3 37	10 32	0 56	17 10	0 9	20 19	2 2	13 23	1 19	14 14	1 19	23 24	0 8	19 0	1 41	20 47	14 42	10 57	10 52	9 25	14 51	2 29
T 20	14 5	2 21	2 32	11 25	0 47	17 32	0 7	20 11	2 1	13 23	1 19	14 13	1 19	23 24	0 8	19 0	1 41	20 46	14 43	10 57	10 51	9 22	14 50	2 30
W21	14 23	4n36	1 16	12 18	0 37	17 55	0 4	20 3	1 59	13 23	1 19	14 11	1 19	23 24	0 8	18 59	1 41	20 46	14 43	10 57	10 50	9 19	14 48	2 30
T 22	14 42	11 19	0n 4	13 10	0 26	18 16	0 2	19 55	1 58	13 22	1 19	14 10	1 19	23 24	0 8	18 59	1 41	20 46	14 43	10 57	10 49	9 15	14 47	2 30
F 23	15 0	17 20	1 24	14 2	0 16	18 38	0n 1	19 47	1 57	13 22	1 19	14 9	1 20	23 24	0 8	18 59	1 41	20 46	14 43	10 57	10 48	9 12	14 45	2 31
S 24	15 18	22 18	2 36	14 54	0 6	18 58	0 3	19 38	1 55	13 21	1 18	14 8	1 20	23 24	0 8	18 58	1 41	20 46	14 44	10 57	10 47	9 9	14 44	2 31
S 25	15 36	25 52	3 37	15 44	0n 5	19 19	0 6	19 30	1 54	13 20	1 18	14 7	1 20	23 24	0 8	18 58	1 41	20 46	14 44	10 56	10 46	9 6	14 42	2 31
M26	15 54	27 51	4 25	16 34	0 16	19 39	0 8	19 21	1 52	13 20	1 18	14 6	1 20	23 24	0 8	18 58	1 41	20 46	14 44	10 56	10 44	9 3	14 41	2 31
T 27	16 11	28 12	4 57	17 22	0 26	19 58	0 11	19 13	1 51	13 19	1 18	14 6	1 20	23 24	0 8	18 57	1 41	20 46	14 45	10 55	10 43	8 59	14 39	2 32
W28	16 28	27 2	5 13	18 8	0 36	20 16	0 13	19 4	1 50	13 18	1 18	14 5	1 21	23 23	0 8	18 57	1 41	20 46	14 45	10 54	10 42	8 56	14 38	2 32
T 29	16 45	24 32	5 14	18 53	0 46	20 35	0 16	18 55	1 48	13 17	1 18	14 4	1 21	23 23	0 8	18 57	1 41	20 46	14 45	10 54	10 41	8 53	14 36	2 32
F 30	17n 2	21n 0	5n 1	19n36	0n56	20n52	0n18	18n46	1n47	13n16	1n17	14s 3	1s21	23s23	0s 8	18s56	1n41	20s46	14s46	10n54	10n40	8n50	14s35	2n33

Julian Day Number = 2201817.5, Delta T = 09m59s
Ecliptic obliquity = 23°31'49, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°12'14, Lahiri = 14°19'14 Julian Calendar 1 Apr. 1316 == Greg. Calendar 9 Apr. 1316

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ASTRODIENST EPHEMERIS for the year 1316
geocentric

MAY 1316 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	15 7 12	18♉ 8'17	27♌37	25♉34	2♊54	13♌11	28♌29	26♒24	21°R30	1°R44	11♓46	28♈16	27♈34	15♍48	17°R 4	S 1
S 2	15 11 8	19° 5'59	9♍29	27°41	4° 8	13°38	28°32	26°27	21♐28	1♐43	11°46	28°17	27°30	15°55	17♏ 0	S 2
M 3	15 15 5	20° 3'38	21°19	29°48	5°21	14° 6	28°35	26°29	21°26	1°41	11°47	28°18	27°27	16° 2	16°55	M 3
T 4	15 19 1	21° 1'16	3♎12	1♊52	6°35	14°34	28°38	26°32	21°24	1°40	11°48	28°20	27°24	16° 9	16°51	T 4
W 5	15 22 58	21°58'52	15°12	3°54	7°48	15° 2	28°41	26°34	21°22	1°38	11°48	28°21	27°21	16°15	16°47	W 5
T 6	15 26 54	22°56'27	27°23	5°55	9° 2	15°30	28°45	26°37	21°20	1°36	11°49	28°R22	27°18	16°22	16°42	T 6
F 7	15 30 51	23°54'01	9♏46	7°53	10°15	15°59	28°48	26°39	21°18	1°35	11°50	28°21	27°15	16°29	16°38	F 7
S 8	15 34 47	24°51'34	22°24	9°48	11°29	16°27	28°52	26°41	21°16	1°33	11°50	28°20	27°11	16°35	16°33	S 8
S 9	15 38 44	25°49'05	5♐17	11°42	12°42	16°56	28°56	26°43	21°14	1°32	11°51	28°17	27° 8	16°42	16°29	S 9
M10	15 42 40	26°46'35	18°26	13°32	13°55	17°25	29° 0	26°45	21°12	1°30	11°52	28°13	27° 5	16°49	16°25	M10
T 11	15 46 37	27°44'05	1♑50	15°20	15° 9	17°54	29° 4	26°47	21°10	1°28	11°52	28° 8	27° 2	16°55	16°20	T 11
W12	15 50 34	28°41'33	15°26	17° 5	16°22	18°24	29° 8	26°49	21° 7	1°27	11°53	28° 4	26°59	17° 2	16°16	W12
T 13	15 54 30	29°39'01	29°14	18°47	17°35	18°53	29°13	26°51	21° 5	1°25	11°53	28° 0	26°56	17° 9	16°12	T 13
F 14	15 58 27	0♊36'27	13♒11	20°27	18°49	19°23	29°17	26°53	21° 3	1°24	11°54	27°57	26°52	17°15	16° 8	F 14
S 15	16 2 23	1°33'53	27°16	22° 3	20° 2	19°53	29°22	26°54	21° 1	1°22	11°54	27°D56	26°49	17°22	16° 4	S 15
S 16	16 6 20	2°31'19	11♓26	23°37	21°15	20°23	29°27	26°56	20°59	1°20	11°55	27°57	26°46	17°29	15°59	S 16
M17	16 10 16	3°28'43	25°41	25° 8	22°28	20°53	29°32	26°57	20°56	1°19	11°55	27°58	26°43	17°35	15°55	M17
T 18	16 14 13	4°26'07	9♈57	26°36	23°41	21°23	29°37	26°58	20°54	1°17	11°55	27°59	26°40	17°42	15°51	T 18
W19	16 18 10	5°23'30	24°13	28° 1	24°55	21°54	29°43	26°59	20°52	1°15	11°56	28°R 0	26°36	17°49	15°47	W19
T 20	16 22 6	6°20'53	8♉24	29°22	26° 8	22°25	29°48	27° 1	20°49	1°14	11°56	28° 0	26°33	17°55	15°43	T 20
F 21	16 26 3	7°18'15	22°29	0♋41	27°21	22°55	29°54	27° 2	20°47	1°12	11°57	27°57	26°30	18° 2	15°39	F 21
S 22	16 29 59	8°15'37	6♊21	1°57	28°34	23°26	0♍ 0	27° 2	20°45	1°11	11°57	27°53	26°27	18° 9	15°36	S 22
S 23	16 33 56	9°12'57	19°59	3°10	29°47	23°57	0° 6	27° 3	20°42	1° 9	11°57	27°48	26°24	18°15	15°32	S 23
M24	16 37 52	10°10'17	3♋20	4°19	1♋ 0	24°29	0°12	27° 4	20°40	1° 7	11°57	27°41	26°21	18°22	15°28	M24
T 25	16 41 49	11° 7'36	16°21	5°25	2°13	25° 0	0°18	27° 4	20°37	1° 6	11°58	27°34	26°17	18°29	15°24	T 25
W26	16 45 45	12° 4'55	29° 3	6°28	3°27	25°32	0°25	27° 5	20°35	1° 4	11°58	27°27	26°14	18°35	15°21	W26
T 27	16 49 42	13° 2'12	11♌27	7°27	4°40	26° 3	0°31	27° 5	20°33	1° 3	11°58	27°21	26°11	18°42	15°17	T 27
F 28	16 53 39	13°59'28	23°36	8°23	5°53	26°35	0°38	27° 6	20°30	1° 1	11°58	27°17	26° 8	18°49	15°14	F 28
S 29	16 57 35	14°56'44	5♍35	9°15	7° 6	27° 7	0°45	27° 6	20°28	1° 0	11°58	27°15	26° 5	18°55	15°10	S 29
S 30	17 1 32	15°53'59	17°26	10° 4	8°19	27°39	0°52	27°R 6	20°25	0°58	11°58	27°D14	26° 2	19° 2	15° 7	S 30
M31	17 5 28	16♊51'13	29♍17	10♋49	9♋31	28♌11	0♍59	27♒ 6	20♐23	0♐56	11♓59	27♈15	25♈58	19♍ 9	15♏ 3	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17n18	16n39	4n35	20n17	1n 6	21n 9	0n21	18n37	1n46	13n15	1n17	14s 2	1s21	23s23	0s 8	18s56	1n41	20s46	14s46	10n54	10n39	8n47	14s33	2n33
S 2	17 34	11 43	3 58	20 56	1 15	21 26	0 23	18 28	1 44	13 14	1 17	14 1	1 21	23 23	0 8	18 56	1 41	20 46	14 46	10 54	10 38	8 43	14 32	2 33
M 3	17 49	6 22	3 10	21 32	1 23	21 42	0 25	18 18	1 43	13 13	1 17	14 1	1 22	23 23	0 8	18 55	1 41	20 46	14 47	10 55	10 36	8 40	14 30	2 33
T 4	18 5	0 46	2 14	22 6	1 31	21 57	0 28	18 9	1 42	13 11	1 17	14 0	1 22	23 23	0 8	18 55	1 41	20 46	14 47	10 55	10 35	8 37	14 29	2 34
W 5	18 20	4s54	1 12	22 37	1 39	22 12	0 30	17 59	1 41	13 10	1 16	13 59	1 22	23 23	0 8	18 55	1 41	20 46	14 47	10 56	10 34	8 34	14 27	2 34
T 6	18 35	10 30	0 5	23 6	1 45	22 26	0 33	17 50	1 39	13 9	1 16	13 59	1 22	23 23	0 8	18 54	1 41	20 46	14 48	10 56	10 33	8 30	14 26	2 34
F 7	18 49	15 47	1s 2	23 32	1 51	22 39	0 35	17 40	1 38	13 7	1 16	13 58	1 22	23 22	0 8	18 54	1 41	20 46	14 48	10 56	10 32	8 27	14 24	2 34
S 8	19 3	20 30	2 8	23 56	1 57	22 52	0 38	17 30	1 37	13 6	1 16	13 58	1 23	23 22	0 8	18 54	1 41	20 46	14 48	10 55	10 31	8 24	14 23	2 35
S 9	19 17	24 22	3 9	24 16	2 1	23 4	0 40	17 20	1 36	13 4	1 16	13 57	1 23	23 22	0 8	18 54	1 41	20 46	14 49	10 54	10 30	8 21	14 21	2 35
M10	19 31	27 1	4 1	24 35	2 5	23 15	0 42	17 10	1 34	13 3	1 16	13 57	1 23	23 22	0 8	18 53	1 41	20 46	14 49	10 53	10 28	8 18	14 20	2 35
T 11	19 44	28 11	4 40	24 50	2 8	23 26	0 45	17 0	1 33	13 1	1 15	13 56	1 23	23 22	0 8	18 53	1 41	20 47	14 50	10 51	10 27	8 14	14 18	2 35
W12	19 57	27 41	5 5	25 4	2 10	23 36	0 47	16 50	1 32	12 59	1 15	13 56	1 23	23 22	0 8	18 53	1 41	20 47	14 50	10 50	10 26	8 11	14 17	2 36
T 13	20 9	25 28	5 12	25 15	2 12	23 46	0 49	16 39	1 31	12 58	1 15	13 55	1 24	23 22	0 8	18 52	1 41	20 47	14 50	10 48	10 25	8 8	14 16	2 36
F 14	20 21	21 44	5 1	25 23	2 13	23 55	0 51	16 29	1 30	12 56	1 15	13 55	1 24	23 22	0 8	18 52	1 41	20 47	14 51	10 47	10 24	8 5	14 14	2 36
S 15	20 33	16 44	4 32	25 30	2 13	24 3	0 54	16 18	1 28	12 54	1 15	13 54	1 24	23 21	0 8	18 52	1 41	20 47	14 51	10 47	10 23	8 1	14 13	2 36
S 16	20 45	10 48	3 47	25 34	2 12	24 10	0 56	16 8	1 27	12 52	1 14	13 54	1 24	23 21	0 8	18 51	1 41	20 47	14 51	10 47	10 21	7 58	14 11	2 36
M17	20 56	4 17	2 47	25 36	2 10	24 17	0 58	15 57	1 26	12 50	1 14	13 54	1 25	23 21	0 8	18 51	1 41	20 47	14 52	10 47	10 20	7 55	14 10	2 37
T 18	21 7	2n28	1 37	25 37	2 8	24 23	1 0	15 46	1 25	12 48	1 14	13 54	1 25	23 21	0 8	18 51	1 41	20 48	14 52	10 48	10 19	7 52	14 9	2 37
W19	21 17	9 6	0 21	25 35	2 4	24 28	1 2	15 35	1 24	12 46	1 14	13 53	1 25	23 21	0 8	18 50	1 41	20 48	14 52	10 48	10 18	7 48	14 7	2 37
T 20	21 27	15 15	0n56	25 32	2 0	24 33	1 4	15 24	1 23	12 44	1 14	13 53	1 25	23 21	0 8	18 50	1 41	20 48	14 53	10 48	10 17	7 45	14 6	2 37
F 21	21 37	20 32	2 9	25 27	1 56	24 36	1 6	15 13	1 22	12 42	1 14	13 53	1 25	23 21	0 8	18 50	1 41	20 48	14 53	10 47	10 16	7 42	14 5	2 37
S 22	21 46	24 37	3 13	25 21	1 50	24 40	1 8	15 1	1 20	12 40	1 13	13 53	1 26	23 20	0 8	18 49	1 41	20 48	14 54	10 46	10 15	7 39	14 3	2 38
S 23	21 55	27 13	4 5	25 14	1 44	24 42	1 10	14 50	1 19	12 37	1 13	13 53	1 26	23 20	0 8	18 49	1 41	20 49	14 54	10 44	10 13	7 35	14 2	2 38
M24	22 4	28 11	4 42	25 5	1 37	24 44	1 12	14 38	1 18	12 35	1 13	13 53	1 26	23 20	0 8	18 49	1 41	20 49	14 54	10 41	10 12	7 32	14 1	2 38
T 25	22 12	27 32	5 3	24 55	1 30	24 45	1 14	14 27	1 17	12 33	1 13	13 53	1 26	23 20	0 8	18 48	1 41	20 49	14 55	10 39	10 11	7 29	14 0	2 38
W26	22 20	25 27	5 8	24 43	1 21	24 45	1 16	14 15	1 16	12 30	1 13	13 53	1 26	23 20	0 8	18 48	1 41	20 49	14 55	10 36	10 10	7 25	13 59	2 38
T 27	22 27	22 12	4 59	24 31	1 12	24 44	1 17	14 3	1 15	12 28	1 13	13 53	1 27	23 20	0 8	18 48	1 41	20 50	14 55	10 34	10 9	7 22	13 57	2 38
F 28	22 34	18 3	4 37	24 18	1 2	24 43	1 19	13 51	1 14	12 25	1 12	13 53	1 27	23 19	0 8	18 47	1 41	20 50	14 56	10 33	10 8	7 19	13 56	2 38
S 29	22 41	13 15	4 3	24 4	0 52	24 41	1 21	13 39	1 13	12 23	1 12	13 53	1 27	23 19	0 8	18 47	1 41	20 50	14 56	10 32	10 6	7 16	13 55	2 39
S 30	22 47	8 1	3 18	23 49	0 41	24 38	1 22	13 27	1 12	12 20	1 12	13 54	1 27	23 19	0 8	18 47	1 41	20 50	14 57	10 32	10 5	7 12	13 54	2 39
M31	22n53	2n30	2n25	23n34	0n29	24n35	1n24	13n15	1n11	12n17	1n12	13s54	1s28	23s19	0s 8	18s47	1n41	20s51	14s57	10n32	10n 4	7n 9	13s53	2n39

Julian Day Number = 2201847.5, Delta T = 09m59s
Ecliptic obliquity = 23°31'49, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°12'18, Lahiri = 14°19'19 Julian Calendar 1 May 1316 == Greg. Calendar 9 May 1316

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ASTRODIENST EPHEMERIS for the year 1316
geocentric

JUNE 1316 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	17 9 25	17♊48'26	11♎11	11♋30	10♋44	28♌44	1♍ 6	27°R 6	20°R21	0°R55	11♓59	27♈16	25♈55	19♍15	15°R 0	T 1
W 2	17 13 21	18°45'38	23°13	12° 7	11°57	29°16	1°14	27♒ 5	20♐18	0♐53	11°59	27°R17	25°52	19°22	14♏57	W 2
T 3	17 17 18	19°42'50	5♏29	12°40	13°10	29°49	1°21	27° 5	20°16	0°52	11°59	27°17	25°49	19°29	14°54	T 3
F 4	17 21 14	20°40'02	18° 2	13° 8	14°23	0♍21	1°29	27° 5	20°13	0°50	11°R59	27°15	25°46	19°35	14°51	F 4
S 5	17 25 11	21°37'13	0♐54	13°33	15°36	0°54	1°36	27° 4	20°11	0°49	11°59	27°10	25°42	19°42	14°48	S 5
S 6	17 29 8	22°34'23	14° 7	13°52	16°49	1°27	1°44	27° 3	20° 8	0°47	11°59	27° 4	25°39	19°49	14°45	S 6
M 7	17 33 4	23°31'33	27°39	14° 8	18° 1	2° 0	1°52	27° 3	20° 6	0°46	11°59	26°56	25°36	19°55	14°42	M 7
T 8	17 37 1	24°28'43	11♑29	14°19	19°14	2°33	2° 0	27° 2	20° 3	0°44	11°59	26°47	25°33	20° 2	14°39	T 8
W 9	17 40 57	25°25'53	25°31	14°25	20°27	3° 7	2° 9	27° 1	20° 1	0°43	11°58	26°38	25°30	20° 9	14°37	W 9
T 10	17 44 54	26°23'03	9♒43	14°R27	21°39	3°40	2°17	27° 0	19°59	0°42	11°58	26°30	25°27	20°16	14°34	T 10
F 11	17 48 50	27°20'13	23°59	14°24	22°52	4°14	2°25	26°59	19°56	0°40	11°58	26°24	25°23	20°22	14°32	F 11
S 12	17 52 47	28°17'23	8♓15	14°16	24° 5	4°47	2°34	26°58	19°54	0°39	11°58	26°20	25°20	20°29	14°29	S 12
S 13	17 56 43	29°14'33	22°28	14° 5	25°17	5°21	2°42	26°56	19°51	0°37	11°58	26°18	25°17	20°36	14°27	S 13
M14	18 0 40	0♋11'43	6♈36	13°48	26°30	5°55	2°51	26°55	19°49	0°36	11°58	26°D18	25°14	20°42	14°25	M14
T 15	18 4 37	1° 8'53	20°39	13°28	27°43	6°29	3° 0	26°54	19°47	0°35	11°57	26°R19	25°11	20°49	14°23	T 15
W16	18 8 33	2° 6'04	4♉34	13° 4	28°55	7° 3	3° 9	26°52	19°44	0°33	11°57	26°19	25° 8	20°56	14°21	W16
T 17	18 12 30	3° 3'16	18°22	12°36	0♌ 8	7°37	3°18	26°50	19°42	0°32	11°57	26°17	25° 4	21° 2	14°19	T 17
F 18	18 16 26	4° 0'27	2♊ 1	12° 6	1°20	8°11	3°27	26°49	19°39	0°31	11°56	26°12	25° 1	21° 9	14°17	F 18
S 19	18 20 23	4°57'39	15°30	11°32	2°33	8°46	3°37	26°47	19°37	0°29	11°56	26° 5	24°58	21°16	14°15	S 19
S 20	18 24 19	5°54'51	28°47	10°57	3°45	9°20	3°46	26°45	19°35	0°28	11°56	25°56	24°55	21°22	14°13	S 20
M21	18 28 16	6°52'03	11♋50	10°19	4°57	9°55	3°55	26°43	19°33	0°27	11°55	25°45	24°52	21°29	14°12	M21
T 22	18 32 13	7°49'16	24°39	9°41	6°10	10°30	4° 5	26°41	19°30	0°26	11°55	25°33	24°48	21°36	14°10	T 22
W23	18 36 9	8°46'29	7♌12	9° 3	7°22	11° 4	4°15	26°38	19°28	0°25	11°55	25°21	24°45	21°42	14° 9	W23
T 24	18 40 6	9°43'41	19°31	8°24	8°34	11°39	4°24	26°36	19°26	0°23	11°54	25°11	24°42	21°49	14° 7	T 24
F 25	18 44 2	10°40'54	1♍36	7°47	9°47	12°14	4°34	26°34	19°24	0°22	11°54	25° 3	24°39	21°56	14° 6	F 25
S 26	18 47 59	11°38'07	13°32	7°12	10°59	12°50	4°44	26°31	19°21	0°21	11°53	24°57	24°36	22° 2	14° 5	S 26
S 27	18 51 55	12°35'20	25°23	6°38	12°11	13°25	4°54	26°29	19°19	0°20	11°53	24°54	24°33	22° 9	14° 4	S 27
M28	18 55 52	13°32'33	7♎12	6° 8	13°23	14° 0	5° 4	26°26	19°17	0°19	11°52	24°53	24°29	22°16	14° 3	M28
T 29	18 59 48	14°29'46	19° 5	5°41	14°36	14°35	5°15	26°23	19°15	0°18	11°52	24°53	24°26	22°22	14° 2	T 29
W30	19 3 45	15♋27'00	1♏ 7	5♋18	15♌48	15♍11	5♍25	26♒21	19♐13	0♐17	11♓51	24♈53	24♈23	22♍29	14♏ 2	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n58	3s 7	1n26	23n18	0n17	24n31	1n25	13n 3	1n10	12n14	1n12	13s54	1s28	23s19	0s 8	18s46	1n41	20s51	14s57	10n32	10n 3	7n 6	13s52	2n39
W 2	23 3	8 43	0 22	23 2	0 4	24 26	1 27	12 51	1 9	12 12	1 12	13 54	1 28	23 19	0 8	18 46	1 41	20 51	14 58	10 33	10 2	7 2	13 51	2 39
T 3	23 8	14 6	0s44	22 46	0s10	24 20	1 28	12 38	1 8	12 9	1 12	13 55	1 28	23 18	0 8	18 46	1 41	20 52	14 58	10 33	10 1	6 59	13 50	2 39
F 4	23 12	19 1	1 49	22 29	0 24	24 14	1 29	12 26	1 7	12 6	1 11	13 55	1 28	23 18	0 8	18 45	1 41	20 52	14 58	10 32	10 0	6 56	13 49	2 39
S 5	23 16	23 12	2 50	22 12	0 38	24 7	1 31	12 13	1 6	12 3	1 11	13 55	1 29	23 18	0 8	18 45	1 41	20 52	14 59	10 30	9 58	6 53	13 48	2 39
S 6	23 19	26 17	3 44	21 55	0 53	23 59	1 32	12 0	1 5	12 0	1 11	13 56	1 29	23 18	0 8	18 45	1 41	20 53	14 59	10 28	9 57	6 49	13 47	2 39
M 7	23 22	27 57	4 26	21 38	1 9	23 51	1 33	11 47	1 4	11 57	1 11	13 56	1 29	23 18	0 8	18 45	1 41	20 53	14 59	10 25	9 56	6 46	13 46	2 39
T 8	23 25	27 55	4 54	21 22	1 24	23 42	1 34	11 34	1 3	11 54	1 11	13 57	1 29	23 18	0 8	18 44	1 41	20 53	15 0	10 22	9 55	6 43	13 45	2 40
W 9	23 27	26 6	5 4	21 5	1 40	23 32	1 35	11 21	1 2	11 51	1 11	13 57	1 30	23 17	0 8	18 44	1 41	20 54	15 0	10 18	9 54	6 39	13 44	2 40
T 10	23 29	22 38	4 56	20 49	1 56	23 21	1 36	11 8	1 1	11 48	1 11	13 58	1 30	23 17	0 8	18 44	1 41	20 54	15 1	10 16	9 53	6 36	13 44	2 40
F 11	23 30	17 49	4 30	20 34	2 12	23 10	1 37	10 55	1 0	11 45	1 10	13 58	1 30	23 17	0 8	18 43	1 41	20 55	15 1	10 13	9 51	6 33	13 43	2 40
S 12	23 31	12 1	3 47	20 19	2 28	22 59	1 38	10 42	0 59	11 42	1 10	13 59	1 30	23 17	0 8	18 43	1 41	20 55	15 1	10 12	9 50	6 29	13 42	2 40
S 13	23 32	5 36	2 50	20 4	2 43	22 46	1 38	10 29	0 58	11 38	1 10	14 0	1 30	23 17	0 8	18 43	1 41	20 55	15 2	10 11	9 49	6 26	13 41	2 40
M14	23 32	1n 3	1 43	19 51	2 59	22 33	1 39	10 15	0 57	11 35	1 10	14 0	1 31	23 16	0 8	18 43	1 41	20 56	15 2	10 11	9 48	6 23	13 41	2 40
T 15	23 32	7 38	0 30	19 38	3 14	22 19	1 39	10 2	0 56	11 32	1 10	14 1	1 31	23 16	0 8	18 42	1 41	20 56	15 2	10 12	9 47	6 20	13 40	2 40
W16	23 31	13 47	0n44	19 26	3 28	22 5	1 40	9 48	0 55	11 28	1 10	14 2	1 31	23 16	0 8	18 42	1 41	20 57	15 3	10 12	9 46	6 16	13 39	2 40
T 17	23 30	19 12	1 55	19 15	3 42	21 50	1 40	9 34	0 54	11 25	1 10	14 2	1 31	23 16	0 8	18 42	1 41	20 57	15 3	10 11	9 44	6 13	13 39	2 40
F 18	23 28	23 33	2 58	19 5	3 55	21 35	1 41	9 21	0 53	11 21	1 10	14 3	1 31	23 16	0 8	18 42	1 41	20 58	15 3	10 9	9 43	6 10	13 38	2 40
S 19	23 26	26 33	3 50	18 56	4 6	21 18	1 41	9 7	0 52	11 18	1 9	14 4	1 32	23 16	0 8	18 42	1 41	20 58	15 4	10 7	9 42	6 6	13 38	2 40
S 20	23 24	28 0	4 29	18 49	4 17	21 2	1 41	8 53	0 51	11 14	1 9	14 5	1 32	23 15	0 8	18 41	1 40	20 58	15 4	10 3	9 41	6 3	13 37	2 40
M21	23 21	27 52	4 53	18 42	4 26	20 44	1 41	8 39	0 50	11 11	1 9	14 6	1 32	23 15	0 8	18 41	1 40	20 59	15 4	9 59	9 40	6 0	13 37	2 40
T 22	23 18	26 13	5 1	18 37	4 34	20 26	1 41	8 25	0 49	11 7	1 9	14 7	1 32	23 15	0 8	18 41	1 40	20 59	15 5	9 55	9 39	5 56	13 36	2 40
W23	23 14	23 18	4 55	18 34	4 40	20 8	1 41	8 11	0 48	11 4	1 9	14 8	1 32	23 15	0 8	18 41	1 40	21 0	15 5	9 51	9 37	5 53	13 36	2 40
T 24	23 10	19 22	4 35	18 31	4 45	19 49	1 41	7 57	0 47	11 0	1 9	14 9	1 33	23 15	0 8	18 40	1 40	21 0	15 6	9 47	9 36	5 50	13 35	2 40
F 25	23 6	14 43	4 3	18 30	4 48	19 29	1 41	7 42	0 46	10 56	1 9	14 10	1 33	23 15	0 8	18 40	1 40	21 1	15 6	9 44	9 35	5 46	13 35	2 40
S 26	23 1	9 35	3 21	18 31	4 50	19 9	1 41	7 28	0 45	10 52	1 9	14 11	1 33	23 14	0 8	18 40	1 40	21 1	15 6	9 42	9 34	5 43	13 35	2 40
S 27	22 56	4 8	2 30	18 33	4 49	18 49	1 41	7 14	0 44	10 49	1 8	14 12	1 33	23 14	0 8	18 40	1 40	21 2	15 7	9 41	9 33	5 40	13 34	2 40
M28	22 50	1s27	1 32	18 36	4 48	18 28	1 40	6 59	0 44	10 45	1 8	14 13	1 33	23 14	0 8	18 40	1 40	21 2	15 7	9 40	9 32	5 36	13 34	2 40
T 29	22 44	7 1	0 31	18 41	4 44	18 6	1 40	6 45	0 43	10 41	1 8	14 14	1 34	23 14	0 8	18 40	1 40	21 3	15 7	9 40	9 30	5 33	13 34	2 40
W30	22n38	12s25	0s33	18n46	4s39	17n44	1n39	6n30	0n42	10n37	1n 8	14s15	1s34	23s14	0s 8	18s39	1n40	21s 3	15s 7	9n40	9n29	5n30	13s34	2n40

Julian Day Number = 2201878.5, Delta T = 09m59s
Ecliptic obliquity = 23°31'49, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°12'22, Lahiri = 14°19'23 Julian Calendar 1 June 1316 == Greg. Calendar 9 June 1316

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ASTRODIENST EPHEMERIS for the year 1316
geocentric

JULY 1316 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	19 7 42	16♋24'13	13♏25	4°R59	17♌ 0	15♍47	5♍35	26°R18	19°R11	0°R16	11°R50	24°R52	24♈20	22♍36	14°R 1	T 1
F 2	19 11 38	17°21'27	26° 2	4♋46	18°12	16°22	5°46	26♒15	19♐ 9	0♐15	11♓50	24♈49	24°17	22°42	14♏ 1	F 2
S 3	19 15 35	18°18'42	9♐ 2	4°37	19°24	16°58	5°56	26°12	19° 7	0°14	11°49	24°43	24°14	22°49	14° 0	S 3
S 4	19 19 31	19°15'57	22°27	4°D34	20°36	17°34	6° 7	26° 9	19° 5	0°13	11°49	24°35	24°10	22°56	14° 0	S 4
M 5	19 23 28	20°13'12	6♑17	4°36	21°48	18°10	6°18	26° 5	19° 3	0°12	11°48	24°25	24° 7	23° 2	14° 0	M 5
T 6	19 27 24	21°10'28	20°29	4°44	23° 0	18°46	6°28	26° 2	19° 1	0°11	11°47	24°14	24° 4	23° 9	13°59	T 6
W 7	19 31 21	22° 7'45	4♒57	4°58	24°11	19°22	6°39	25°59	18°59	0°10	11°47	24° 3	24° 1	23°16	13°D59	W 7
T 8	19 35 17	23° 5'02	19°34	5°18	25°23	19°58	6°50	25°56	18°57	0°10	11°46	23°53	23°58	23°22	14° 0	T 8
F 9	19 39 14	24° 2'20	4♓14	5°44	26°35	20°35	7° 1	25°52	18°55	0° 9	11°45	23°45	23°54	23°29	14° 0	F 9
S 10	19 43 11	24°59'39	18°50	6°16	27°47	21°11	7°12	25°49	18°53	0° 8	11°44	23°39	23°51	23°36	14° 0	S 10
S 11	19 47 7	25°57'00	3♈16	6°54	28°58	21°48	7°23	25°45	18°51	0° 7	11°44	23°37	23°48	23°42	14° 0	S 11
M12	19 51 4	26°54'21	17°29	7°38	0♍10	22°24	7°34	25°41	18°50	0° 6	11°43	23°36	23°45	23°49	14° 1	M12
T 13	19 55 0	27°51'43	1♉28	8°28	1°21	23° 1	7°46	25°38	18°48	0° 6	11°42	23°36	23°42	23°56	14° 1	T 13
W14	19 58 57	28°49'07	15°13	9°24	2°33	23°38	7°57	25°34	18°46	0° 5	11°41	23°35	23°39	24° 2	14° 2	W14
T 15	20 2 53	29°46'32	28°45	10°25	3°45	24°14	8° 8	25°30	18°45	0° 5	11°40	23°33	23°35	24° 9	14° 3	T 15
F 16	20 6 50	0♌43'58	12♊ 4	11°33	4°56	24°51	8°20	25°26	18°43	0° 4	11°39	23°28	23°32	24°16	14° 4	F 16
S 17	20 10 46	1°41'26	25°12	12°45	6° 7	25°28	8°31	25°22	18°41	0° 3	11°39	23°21	23°29	24°22	14° 5	S 17
S 18	20 14 43	2°38'54	8♋ 7	14° 3	7°19	26° 6	8°43	25°18	18°40	0° 3	11°38	23°10	23°26	24°29	14° 6	S 18
M19	20 18 40	3°36'24	20°51	15°26	8°30	26°43	8°55	25°14	18°38	0° 2	11°37	22°58	23°23	24°36	14° 7	M19
T 20	20 22 36	4°33'55	3♌24	16°54	9°41	27°20	9° 6	25°10	18°37	0° 2	11°36	22°45	23°20	24°42	14° 8	T 20
W21	20 26 33	5°31'27	15°44	18°27	10°53	27°57	9°18	25° 6	18°35	0° 1	11°35	22°32	23°16	24°49	14°10	W21
T 22	20 30 29	6°29'00	27°53	20° 3	12° 4	28°35	9°30	25° 2	18°34	0° 1	11°34	22°21	23°13	24°56	14°11	T 22
F 23	20 34 26	7°26'34	9♍53	21°44	13°15	29°12	9°42	24°58	18°33	0° 1	11°33	22°12	23°10	25° 2	14°13	F 23
S 24	20 38 22	8°24'09	21°45	23°29	14°26	29°50	9°54	24°53	18°31	0° 0	11°32	22° 6	23° 7	25° 9	14°15	S 24
S 25	20 42 19	9°21'45	3♎33	25°17	15°37	0♎28	10° 6	24°49	18°30	29♏59	11°31	22° 2	23° 4	25°16	14°16	S 25
M26	20 46 15	10°19'22	15°20	27° 8	16°48	1° 6	10°18	24°45	18°29	29°59	11°30	22° 0	23° 0	25°22	14°18	M26
T 27	20 50 12	11°17'00	27°12	29° 1	17°59	1°43	10°30	24°40	18°28	29°59	11°29	22°D 0	22°57	25°29	14°20	T 27
W28	20 54 9	12°14'39	9♏13	0♌57	19°10	2°21	10°42	24°36	18°27	29°59	11°28	22°R 1	22°54	25°36	14°22	W28
T 29	20 58 5	13°12'20	21°29	2°54	20°21	2°59	10°54	24°32	18°26	29°59	11°27	22° 0	22°51	25°42	14°25	T 29
F 30	21 2 2	14°10'01	4♐ 5	4°53	21°31	3°38	11° 6	24°27	18°25	29°59	11°26	21°59	22°48	25°49	14°27	F 30
S 31	21 5 58	15♌ 7'43	17♐ 5	6♌53	22♍42	4♎16	11♍18	24♒23	18♐24	29♏59	11♓25	21♈55	22♈45	25♍56	14♏29	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n31	17s28	1s37	18n53	4s33	17n22	1n38	6n15	0n41	10n33	1n 8	14s16	1s34	23s14	0s 8	18s39	1n40	21s 4	15s 8	9n40	9n28	5n26	13s33	2n40
F 2	22 24	21 53	2 37	19 2	4 25	16 59	1 38	6 1	0 40	10 29	1 8	14 17	1 34	23 13	0 8	18 39	1 40	21 4	15 8	9 39	9 27	5 23	13 33	2 40
S 3	22 16	25 22	3 31	19 11	4 16	16 36	1 37	5 46	0 39	10 25	1 8	14 19	1 34	23 13	0 8	18 39	1 40	21 5	15 8	9 37	9 26	5 20	13 33	2 40
S 4	22 8	27 33	4 15	19 21	4 6	16 12	1 36	5 31	0 38	10 21	1 8	14 20	1 34	23 13	0 8	18 39	1 40	21 5	15 9	9 34	9 25	5 16	13 33	2 40
M 5	22 0	28 8	4 46	19 32	3 55	15 48	1 35	5 16	0 37	10 17	1 8	14 21	1 35	23 13	0 8	18 39	1 40	21 6	15 9	9 30	9 23	5 13	13 33	2 40
T 6	21 51	26 54	5 0	19 43	3 43	15 23	1 34	5 1	0 36	10 13	1 8	14 22	1 35	23 13	0 8	18 38	1 40	21 7	15 9	9 26	9 22	5 10	13 33	2 40
W 7	21 42	23 52	4 55	19 56	3 31	14 58	1 33	4 46	0 36	10 9	1 8	14 24	1 35	23 13	0 8	18 38	1 40	21 7	15 10	9 22	9 21	5 6	13 33	2 40
T 8	21 33	19 17	4 31	20 8	3 17	14 33	1 32	4 31	0 35	10 5	1 7	14 25	1 35	23 12	0 8	18 38	1 40	21 8	15 10	9 18	9 20	5 3	13 33	2 40
F 9	21 23	13 33	3 49	20 21	3 3	14 7	1 30	4 16	0 34	10 1	1 7	14 26	1 35	23 12	0 8	18 38	1 40	21 8	15 10	9 15	9 19	5 0	13 33	2 40
S 10	21 13	7 5	2 53	20 34	2 49	13 41	1 29	4 1	0 33	9 56	1 7	14 28	1 36	23 12	0 8	18 38	1 40	21 9	15 11	9 13	9 17	4 56	13 33	2 40
S 11	21 2	0 18	1 45	20 47	2 34	13 14	1 27	3 46	0 32	9 52	1 7	14 29	1 36	23 12	0 8	18 38	1 40	21 9	15 11	9 12	9 16	4 53	13 33	2 40
M12	20 51	6n23	0 32	21 0	2 19	12 48	1 26	3 30	0 31	9 48	1 7	14 30	1 36	23 12	0 8	18 38	1 39	21 10	15 11	9 12	9 15	4 50	13 33	2 40
T 13	20 40	12 41	0n42	21 12	2 4	12 21	1 24	3 15	0 30	9 44	1 7	14 32	1 36	23 12	0 8	18 38	1 39	21 10	15 11	9 12	9 14	4 46	13 34	2 40
W14	20 28	18 14	1 52	21 24	1 49	11 53	1 22	3 0	0 30	9 39	1 7	14 33	1 36	23 12	0 8	18 38	1 39	21 11	15 12	9 12	9 13	4 43	13 34	2 40
T 15	20 17	22 47	2 54	21 34	1 33	11 26	1 21	2 44	0 29	9 35	1 7	14 35	1 36	23 11	0 8	18 38	1 39	21 12	15 12	9 11	9 12	4 39	13 34	2 40
F 16	20 4	26 4	3 46	21 44	1 18	10 58	1 19	2 29	0 28	9 31	1 7	14 36	1 36	23 11	0 8	18 37	1 39	21 12	15 12	9 9	9 10	4 36	13 34	2 40
S 17	19 52	27 52	4 26	21 52	1 3	10 29	1 17	2 13	0 27	9 26	1 7	14 38	1 37	23 11	0 8	18 37	1 39	21 13	15 12	9 6	9 9	4 33	13 35	2 40
S 18	19 39	28 7	4 50	21 59	0 48	10 1	1 15	1 58	0 26	9 22	1 7	14 39	1 37	23 11	0 8	18 37	1 39	21 13	15 13	9 2	9 8	4 29	13 35	2 40
M19	19 25	26 51	5 0	22 4	0 34	9 32	1 13	1 42	0 25	9 17	1 7	14 41	1 37	23 11	0 8	18 37	1 39	21 14	15 13	8 58	9 7	4 26	13 35	2 40
T 20	19 12	24 15	4 55	22 8	0 20	9 3	1 11	1 26	0 25	9 13	1 7	14 42	1 37	23 11	0 8	18 37	1 39	21 15	15 13	8 53	9 6	4 23	13 36	2 40
W21	18 58	20 35	4 37	22 9	0 6	8 34	1 8	1 11	0 24	9 8	1 6	14 44	1 37	23 11	0 8	18 37	1 39	21 15	15 13	8 48	9 5	4 19	13 36	2 40
T 22	18 43	16 5	4 6	22 8	0n 6	8 5	1 6	0 55	0 23	9 4	1 6	14 45	1 37	23 11	0 8	18 37	1 39	21 16	15 14	8 44	9 3	4 16	13 37	2 40
F 23	18 29	11 2	3 24	22 5	0 19	7 35	1 4	0 39	0 22	8 59	1 6	14 47	1 37	23 11	0 8	18 37	1 39	21 16	15 14	8 41	9 2	4 13	13 37	2 40
S 24	18 14	5 38	2 33	21 59	0 30	7 5	1 1	0 24	0 21	8 55	1 6	14 48	1 38	23 10	0 8	18 37	1 39	21 17	15 14	8 38	9 1	4 9	13 38	2 40
S 25	17 59	0 4	1 36	21 50	0 41	6 35	0 58	0 8	0 21	8 50	1 6	14 50	1 38	23 10	0 8	18 37	1 39	21 17	15 14	8 37	9 0	4 6	13 38	2 40
M26	17 43	5s31	0 35	21 39	0 51	6 5	0 56	0s 8	0 20	8 45	1 6	14 52	1 38	23 10	0 8	18 37	1 39	21 18	15 15	8 36	8 59	4 2	13 39	2 40
T 27	17 27	10 57	0s28	21 25	1 0	5 35	0 53	0 24	0 19	8 41	1 6	14 53	1 38	23 10	0 8	18 37	1 39	21 19	15 15	8 36	8 57	3 59	13 40	2 40
W28	17 11	16 3	1 30	21 9	1 9	5 5	0 50	0 40	0 18	8 36	1 6	14 55	1 38	23 10	0 9	18 37	1 39	21 19	15 15	8 36	8 56	3 56	13 40	2 40
T 29	16 55	20 37	2 30	20 49	1 16	4 34	0 47	0 56	0 17	8 31	1 6	14 56	1 38	23 10	0 9	18 37	1 39	21 20	15 15	8 36	8 55	3 52	13 41	2 40
F 30	16 38	24 23	3 24	20 28	1 23	4 3	0 45	1 12	0 17	8 27	1 6	14 58	1 38	23 10	0 9	18 37	1 38	21 20	15 15	8 36	8 54	3 49	13 42	2 40
S 31	16n22	27s 3	4s10	20n 3	1n29	3n33	0n42	1s27	0n16	8n22	1n 6	14s59	1s38	23s10	0s 9	18s37	1n38	21s21	15s16	8n34	8n53	3n46	13s42	2n40

Julian Day Number = 2201908.5, Delta T = 09m59s
Ecliptic obliquity = 23°31'49, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°12'26, Lahiri = 14°19'27 Julian Calendar 1 July 1316 == Greg. Calendar 9 July 1316

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ASTRODIENST EPHEMERIS for the year 1316
geocentric

AUGUST 1316 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	21 9 55	16♌ 5'27	0♉33	8♌53	23♍53	4♎54	11♍31	24°R18	18°R23	29°R58	11°R24	21°R49	22♈41	26♍ 2	14♏32	S 1
M 2	21 13 51	17° 3'12	14°30	10°54	25° 3	5°32	11°43	24♒14	18♐22	29♏58	11♓23	21♈40	22°38	26° 9	14°34	M 2
T 3	21 17 48	18° 0'58	28°52	12°55	26°14	6°11	11°55	24° 9	18°21	29°58	11°21	21°31	22°35	26°15	14°37	T 3
W 4	21 21 44	18°58'46	13♒37	14°56	27°24	6°49	12° 8	24° 5	18°20	29°D58	11°20	21°21	22°32	26°22	14°40	W 4
T 5	21 25 41	19°56'34	28°34	16°56	28°35	7°28	12°20	24° 0	18°19	29°58	11°19	21°13	22°29	26°29	14°43	T 5
F 6	21 29 38	20°54'25	13♓36	18°56	29°45	8° 7	12°33	23°56	18°19	29°58	11°18	21° 6	22°26	26°35	14°46	F 6
S 7	21 33 34	21°52'17	28°34	20°55	0♎55	8°45	12°45	23°51	18°18	29°58	11°17	21° 2	22°22	26°42	14°49	S 7
S 8	21 37 31	22°50'10	13♈18	22°54	2° 5	9°24	12°58	23°47	18°17	29°59	11°16	21° 0	22°19	26°49	14°52	S 8
M 9	21 41 27	23°48'06	27°46	24°51	3°15	10° 3	13°10	23°42	18°17	29°59	11°15	21°D 0	22°16	26°55	14°55	M 9
T 10	21 45 24	24°46'04	11♉52	26°48	4°25	10°42	13°23	23°37	18°16	29°59	11°13	21° 1	22°13	27° 2	14°58	T 10
W11	21 49 20	25°44'03	25°39	28°43	5°35	11°21	13°36	23°33	18°16	29°59	11°12	21°R 1	22°10	27° 9	15° 2	W11
T 12	21 53 17	26°42'04	9♊ 5	0♍37	6°45	12° 0	13°48	23°28	18°15	29°59	11°11	21° 0	22° 6	27°15	15° 5	T 12
F 13	21 57 13	27°40'08	22°14	2°30	7°55	12°39	14° 1	23°24	18°15	29°59	11°10	20°58	22° 3	27°22	15° 9	F 13
S 14	22 1 10	28°38'13	5♋ 6	4°22	9° 5	13°19	14°14	23°19	18°15	0♐ 0	11° 9	20°53	22° 0	27°29	15°13	S 14
S 15	22 5 7	29°36'21	17°46	6°12	10°14	13°58	14°26	23°15	18°14	0° 0	11° 8	20°46	21°57	27°35	15°16	S 15
M16	22 9 3	0♍34'30	0♌13	8° 1	11°24	14°38	14°39	23°10	18°14	0° 1	11° 6	20°37	21°54	27°42	15°20	M16
T 17	22 13 0	1°32'41	12°30	9°49	12°33	15°17	14°52	23° 6	18°14	0° 1	11° 5	20°28	21°51	27°49	15°24	T 17
W18	22 16 56	2°30'54	24°37	11°36	13°43	15°57	15° 5	23° 1	18°14	0° 2	11° 4	20°19	21°47	27°55	15°28	W18
T 19	22 20 53	3°29'08	6♍37	13°22	14°52	16°36	15°18	22°57	18°14	0° 2	11° 3	20°11	21°44	28° 2	15°32	T 19
F 20	22 24 49	4°27'25	18°30	15° 7	16° 1	17°16	15°31	22°52	18°D14	0° 3	11° 1	20° 5	21°41	28° 9	15°37	F 20
S 21	22 28 46	5°25'43	0♎18	16°50	17°10	17°56	15°43	22°48	18°14	0° 3	11° 0	20° 1	21°38	28°15	15°41	S 21
S 22	22 32 42	6°24'03	12° 5	18°32	18°19	18°36	15°56	22°43	18°14	0° 4	10°59	19°58	21°35	28°22	15°45	S 22
M23	22 36 39	7°22'24	23°52	20°13	19°28	19°16	16° 9	22°39	18°14	0° 4	10°58	19°D58	21°32	28°29	15°50	M23
T 24	22 40 36	8°20'47	5♏44	21°53	20°37	19°56	16°22	22°35	18°14	0° 5	10°57	19°59	21°28	28°35	15°54	T 24
W25	22 44 32	9°19'12	17°45	23°32	21°46	20°36	16°35	22°31	18°15	0° 6	10°55	20° 1	21°25	28°42	15°59	W25
T 26	22 48 29	10°17'39	29°59	25° 9	22°55	21°16	16°48	22°26	18°15	0° 6	10°54	20° 2	21°22	28°49	16° 3	T 26
F 27	22 52 25	11°16'07	12♐33	26°46	24° 3	21°57	17° 1	22°22	18°15	0° 7	10°53	20°R 3	21°19	28°55	16° 8	F 27
S 28	22 56 22	12°14'37	25°29	28°21	25°12	22°37	17°14	22°18	18°16	0° 8	10°52	20° 2	21°16	29° 2	16°13	S 28
S 29	23 0 18	13°13'09	8♑52	29°56	26°20	23°17	17°27	22°14	18°16	0° 9	10°50	19°59	21°12	29° 9	16°18	S 29
M30	23 4 15	14°11'42	22°44	1♎29	27°28	23°58	17°40	22°10	18°17	0° 9	10°49	19°55	21° 9	29°15	16°23	M30
T 31	23 8 11	15♍10'17	7♒ 4	3♎ 2	28♎36	24♎38	17♍53	22♒ 6	18♐17	0♐10	10♓48	19♈51	21♈ 6	29♍22	16♏28	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	16n 4	28s15	4s43	19n37	1n34	3n 2	0n39	1s43	0n15	8n17	1n 6	15s 1	1s38	23s10	0s 9	18s37	1n38	21s22	15s16	8n32	8n52	3n42	13s43	2n39
M 2	15 47	27 44	5 1	19 8	1 38	2 31	0 35	1 59	0 14	8 13	1 6	15 3	1 39	23 10	0 9	18 37	1 38	21 22	15 16	8 29	8 50	3 39	13 44	2 39
T 3	15 29	25 22	5 1	18 37	1 41	2 0	0 32	2 15	0 13	8 8	1 6	15 4	1 39	23 10	0 9	18 37	1 38	21 23	15 16	8 25	8 49	3 35	13 45	2 39
W 4	15 11	21 17	4 41	18 4	1 43	1 29	0 29	2 31	0 13	8 3	1 6	15 6	1 39	23 9	0 9	18 37	1 38	21 23	15 16	8 22	8 48	3 32	13 46	2 39
T 5	14 53	15 48	4 2	17 29	1 45	0 58	0 26	2 47	0 12	7 58	1 6	15 7	1 39	23 9	0 9	18 37	1 38	21 24	15 16	8 18	8 47	3 29	13 46	2 39
F 6	14 35	9 20	3 6	16 53	1 46	0 27	0 22	3 3	0 11	7 53	1 6	15 9	1 39	23 9	0 9	18 37	1 38	21 25	15 17	8 16	8 46	3 25	13 47	2 39
S 7	14 16	2 22	1 57	16 15	1 46	0s 5	0 19	3 19	0 10	7 49	1 6	15 11	1 39	23 9	0 9	18 38	1 38	21 25	15 17	8 14	8 44	3 22	13 48	2 39
S 8	13 57	4n38	0 41	15 36	1 46	0 36	0 15	3 35	0 10	7 44	1 6	15 12	1 39	23 9	0 9	18 38	1 38	21 26	15 17	8 14	8 43	3 18	13 49	2 39
M 9	13 38	11 17	0n36	14 56	1 45	1 7	0 12	3 52	0 9	7 39	1 6	15 14	1 39	23 9	0 9	18 38	1 38	21 26	15 17	8 14	8 42	3 15	13 50	2 39
T 10	13 19	17 11	1 50	14 15	1 43	1 38	0 8	4 8	0 8	7 34	1 6	15 15	1 39	23 9	0 9	18 38	1 38	21 27	15 17	8 14	8 41	3 12	13 51	2 39
W11	12 59	22 4	2 55	13 33	1 41	2 9	0 5	4 24	0 7	7 29	1 6	15 17	1 39	23 9	0 9	18 38	1 38	21 27	15 17	8 14	8 40	3 8	13 52	2 39
T 12	12 40	25 40	3 49	12 50	1 38	2 41	0 1	4 40	0 7	7 24	1 6	15 19	1 39	23 9	0 9	18 38	1 38	21 28	15 17	8 14	8 38	3 5	13 53	2 39
F 13	12 20	27 47	4 29	12 6	1 35	3 12	0s 3	4 56	0 6	7 19	1 6	15 20	1 39	23 9	0 9	18 38	1 38	21 29	15 17	8 13	8 37	3 2	13 54	2 39
S 14	12 0	28 21	4 55	11 22	1 32	3 43	0 7	5 12	0 5	7 14	1 6	15 22	1 40	23 9	0 9	18 38	1 38	21 29	15 18	8 11	8 36	2 58	13 55	2 39
S 15	11 39	27 24	5 6	10 38	1 28	4 14	0 10	5 28	0 4	7 9	1 6	15 23	1 40	23 9	0 9	18 38	1 38	21 30	15 18	8 8	8 35	2 55	13 57	2 39
M16	11 19	25 6	5 2	9 53	1 23	4 45	0 14	5 44	0 4	7 4	1 6	15 25	1 40	23 9	0 9	18 39	1 37	21 30	15 18	8 5	8 34	2 51	13 58	2 39
T 17	10 58	21 40	4 45	9 7	1 18	5 15	0 18	6 0	0 3	6 59	1 6	15 26	1 40	23 9	0 9	18 39	1 37	21 31	15 18	8 1	8 33	2 48	13 59	2 39
W18	10 37	17 21	4 14	8 22	1 13	5 46	0 22	6 16	0 2	6 54	1 5	15 28	1 40	23 9	0 9	18 39	1 37	21 31	15 18	7 58	8 31	2 45	14 0	2 39
T 19	10 16	12 24	3 33	7 36	1 8	6 17	0 26	6 32	0 1	6 49	1 5	15 29	1 40	23 9	0 9	18 39	1 37	21 32	15 18	7 55	8 30	2 41	14 1	2 39
F 20	9 55	7 3	2 42	6 51	1 2	6 47	0 30	6 48	0 1	6 44	1 5	15 31	1 40	23 9	0 9	18 39	1 37	21 32	15 18	7 53	8 29	2 38	14 2	2 39
S 21	9 33	1 29	1 45	6 5	0 56	7 18	0 34	7 4	0s 0	6 39	1 5	15 32	1 40	23 9	0 9	18 39	1 37	21 33	15 18	7 51	8 28	2 34	14 4	2 39
S 22	9 12	4s 8	0 43	5 19	0 50	7 48	0 38	7 20	0 1	6 34	1 5	15 34	1 40	23 9	0 9	18 40	1 37	21 34	15 18	7 50	8 27	2 31	14 5	2 39
M23	8 50	9 37	0s21	4 33	0 44	8 18	0 43	7 35	0 1	6 29	1 5	15 35	1 40	23 9	0 9	18 40	1 37	21 34	15 18	7 50	8 25	2 28	14 6	2 39
T 24	8 28	14 49	1 25	3 48	0 37	8 48	0 47	7 51	0 2	6 24	1 5	15 37	1 40	23 9	0 9	18 40	1 37	21 35	15 18	7 51	8 24	2 24	14 8	2 39
W25	8 6	19 31	2 25	3 3	0 30	9 18	0 51	8 7	0 3	6 19	1 5	15 38	1 40	23 9	0 9	18 40	1 37	21 35	15 18	7 51	8 23	2 21	14 9	2 39
T 26	7 44	23 30	3 21	2 17	0 23	9 48	0 55	8 23	0 4	6 14	1 5	15 40	1 40	23 9	0 9	18 40	1 37	21 36	15 18	7 52	8 22	2 17	14 10	2 39
F 27	7 22	26 29	4 8	1 32	0 16	10 17	0 59	8 39	0 4	6 9	1 6	15 41	1 40	23 9	0 9	18 41	1 37	21 36	15 18	7 52	8 21	2 14	14 12	2 39
S 28	7 0	28 11	4 44	0 48	0 9	10 46	1 4	8 55	0 5	6 4	1 6	15 42	1 40	23 9	0 9	18 41	1 37	21 37	15 18	7 52	8 19	2 10	14 13	2 39
S 29	6 37	28 19	5 6	0 3	0 2	11 15	1 8	9 10	0 6	5 59	1 6	15 44	1 40	23 9	0 9	18 41	1 37	21 37	15 18	7 51	8 18	2 7	14 14	2 39
M30	6 15	26 43	5 11	0s41	0s 6	11 44	1 12	9 26	0 6	5 54	1 6	15 45	1 40	23 9	0 9	18 41	1 37	21 38	15 18	7 49	8 17	2 4	14 16	2 39
T 31	5n52	23s22	4s58	1s24	0s13	12s13	1s16	9s42	0s 7	5n49	1n 6	15s46	1s40	23s 9	0s 9	18s41	1n37	21s38	15s18	7n47	8n16	2n 0	14s17	2n39

Julian Day Number = 2201939.5, Delta T = 09m59s
Ecliptic obliquity = 23°31'49, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°12'31, Lahiri = 14°19'31 Julian Calendar 1 Aug. 1316 == Greg. Calendar 9 Aug. 1316

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ASTRODIENST EPHEMERIS for the year 1316
geocentric

SEPTEMBER 1316 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	23 12 8	16♍ 8'53	21♒49	4♎33	29♎44	25♎19	18♍ 6	22°R 2	18♐18	0♐11	10°R47	19°R45	21♈ 3	29♍29	16♏33	W 1
T 2	23 16 5	17° 7'32	6♓53	6° 3	0♏52	26° 0	18°19	21♒58	18°18	0°12	10♓46	19♈41	21° 0	29°35	16°38	T 2
F 3	23 20 1	18° 6'12	22° 6	7°32	2° 0	26°41	18°32	21°54	18°19	0°13	10°44	19°37	20°57	29°42	16°44	F 3
S 4	23 23 58	19° 4'54	7♈18	9° 0	3° 8	27°22	18°45	21°50	18°20	0°14	10°43	19°36	20°53	29°49	16°49	S 4
S 5	23 27 54	20° 3'39	22°20	10°28	4°15	28° 2	18°58	21°46	18°21	0°15	10°42	19°D35	20°50	29°55	16°54	S 5
M 6	23 31 51	21° 2'26	7♉ 4	11°54	5°22	28°43	19°11	21°43	18°22	0°16	10°41	19°36	20°47	0♎ 2	17° 0	M 6
T 7	23 35 47	22° 1'15	21°25	13°19	6°30	29°25	19°24	21°39	18°22	0°17	10°39	19°37	20°44	0° 8	17° 5	T 7
W 8	23 39 44	23° 0'06	5♊21	14°42	7°37	0♏ 6	19°37	21°36	18°23	0°18	10°38	19°39	20°41	0°15	17°11	W 8
T 9	23 43 40	23°59'00	18°52	16° 5	8°44	0°47	19°50	21°32	18°24	0°19	10°37	19°R40	20°37	0°22	17°17	T 9
F 10	23 47 37	24°57'56	2♋ 0	17°27	9°51	1°28	20° 3	21°29	18°25	0°21	10°36	19°39	20°34	0°28	17°22	F 10
S 11	23 51 34	25°56'54	14°48	18°47	10°57	2°10	20°16	21°25	18°27	0°22	10°35	19°38	20°31	0°35	17°28	S 11
S 12	23 55 30	26°55'55	27°18	20° 6	12° 4	2°51	20°29	21°22	18°28	0°23	10°34	19°36	20°28	0°42	17°34	S 12
M13	23 59 27	27°54'58	9♌34	21°24	13°10	3°33	20°42	21°19	18°29	0°24	10°32	19°33	20°25	0°48	17°40	M13
T 14	0 3 23	28°54'03	21°40	22°41	14°16	4°14	20°55	21°16	18°30	0°26	10°31	19°29	20°22	0°55	17°46	T 14
W15	0 7 20	29°53'10	3♍38	23°56	15°22	4°56	21° 8	21°13	18°32	0°27	10°30	19°26	20°18	1° 2	17°52	W15
T 16	0 11 16	0♎52'20	15°30	25° 9	16°28	5°38	21°21	21°10	18°33	0°28	10°29	19°23	20°15	1° 8	17°58	T 16
F 17	0 15 13	1°51'31	27°18	26°21	17°34	6°19	21°34	21° 7	18°34	0°30	10°28	19°21	20°12	1°15	18° 4	F 17
S 18	0 19 9	2°50'45	9♎ 6	27°31	18°39	7° 1	21°47	21° 4	18°36	0°31	10°27	19°20	20° 9	1°22	18°10	S 18
S 19	0 23 6	3°50'01	20°54	28°39	19°45	7°43	21°59	21° 1	18°37	0°32	10°25	19°D20	20° 6	1°28	18°17	S 19
M20	0 27 2	4°49'18	2♏46	29°46	20°50	8°25	22°12	20°58	18°39	0°34	10°24	19°20	20° 3	1°35	18°23	M20
T 21	0 30 59	5°48'38	14°43	0♏50	21°55	9° 7	22°25	20°56	18°40	0°35	10°23	19°21	19°59	1°42	18°29	T 21
W22	0 34 56	6°48'00	26°49	1°52	22°59	9°50	22°38	20°53	18°42	0°37	10°22	19°22	19°56	1°48	18°36	W22
T 23	0 38 52	7°47'24	9♐ 7	2°51	24° 4	10°32	22°51	20°51	18°44	0°38	10°21	19°23	19°53	1°55	18°42	T 23
F 24	0 42 49	8°46'49	21°42	3°47	25° 8	11°14	23° 4	20°49	18°45	0°40	10°20	19°24	19°50	2° 2	18°49	F 24
S 25	0 46 45	9°46'16	4♑35	4°40	26°12	11°57	23°16	20°47	18°47	0°41	10°19	19°R25	19°47	2° 8	18°55	S 25
S 26	0 50 42	10°45'46	17°51	5°30	27°16	12°39	23°29	20°44	18°49	0°43	10°18	19°25	19°43	2°15	19° 2	S 26
M27	0 54 38	11°45'16	1♒33	6°17	28°19	13°21	23°42	20°42	18°51	0°45	10°17	19°24	19°40	2°22	19° 9	M27
T 28	0 58 35	12°44'49	15°40	6°59	29°23	14° 4	23°54	20°40	18°53	0°46	10°16	19°24	19°37	2°28	19°15	T 28
W29	1 2 32	13°44'23	0♓12	7°36	0♐26	14°47	24° 7	20°39	18°55	0°48	10°15	19°23	19°34	2°35	19°22	W29
T 30	1 6 28	14♎43'59	15♓ 4	8♏ 9	1♐28	15♏29	24♍20	20♒37	18♐57	0♐50	10♓14	19♈22	19♈31	2♎42	19♏29	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	5n29	18s27	4s25	2s 8	0s21	12s41	1s21	9s57	0s 8	5n44	1n 6	15s48	1s40	23s 9	0s 9	18s42	1n37	21s39	15s18	7n45	8n15	1n57	14s19	2n39
T 2	5 6	12 18	3 33	2 51	0 28	13 9	1 25	10 13	0 9	5 39	1 6	15 49	1 40	23 9	0 9	18 42	1 36	21 39	15 18	7 44	8 13	1 53	14 20	2 39
F 3	4 43	5 22	2 25	3 33	0 36	13 37	1 29	10 28	0 9	5 34	1 6	15 50	1 40	23 9	0 9	18 42	1 36	21 39	15 18	7 42	8 12	1 50	14 22	2 39
S 4	4 20	1n53	1 7	4 15	0 43	14 4	1 34	10 44	0 10	5 28	1 6	15 51	1 40	23 10	0 9	18 42	1 36	21 40	15 18	7 42	8 11	1 47	14 23	2 39
S 5	3 57	8 57	0n15	4 56	0 51	14 31	1 38	10 59	0 11	5 23	1 6	15 53	1 40	23 10	0 9	18 43	1 36	21 40	15 18	7 41	8 10	1 43	14 25	2 39
M 6	3 34	15 25	1 35	5 37	0 59	14 58	1 42	11 14	0 11	5 18	1 6	15 54	1 40	23 10	0 9	18 43	1 36	21 41	15 18	7 42	8 9	1 40	14 26	2 39
T 7	3 11	20 51	2 46	6 17	1 6	15 25	1 47	11 29	0 12	5 13	1 6	15 55	1 40	23 10	0 9	18 43	1 36	21 41	15 18	7 42	8 7	1 36	14 28	2 39
W 8	2 47	24 58	3 46	6 57	1 14	15 51	1 51	11 45	0 13	5 8	1 6	15 56	1 40	23 10	0 9	18 44	1 36	21 42	15 18	7 43	8 6	1 33	14 29	2 39
T 9	2 24	27 33	4 31	7 36	1 21	16 17	1 55	12 0	0 13	5 3	1 6	15 57	1 40	23 10	0 9	18 44	1 36	21 42	15 18	7 43	8 5	1 30	14 31	2 39
F 10	2 0	28 31	5 0	8 15	1 29	16 42	1 59	12 15	0 14	4 58	1 6	15 58	1 40	23 10	0 9	18 44	1 36	21 42	15 18	7 43	8 4	1 26	14 32	2 39
S 11	1 37	27 54	5 14	8 52	1 36	17 8	2 4	12 30	0 15	4 53	1 6	15 59	1 40	23 10	0 9	18 44	1 36	21 43	15 18	7 43	8 3	1 23	14 34	2 39
S 12	1 13	25 52	5 12	9 29	1 44	17 32	2 8	12 45	0 15	4 48	1 6	16 0	1 40	23 10	0 9	18 45	1 36	21 43	15 18	7 42	8 1	1 19	14 36	2 39
M13	0 50	22 40	4 56	10 5	1 51	17 57	2 12	13 0	0 16	4 43	1 6	16 1	1 40	23 10	0 9	18 45	1 36	21 44	15 18	7 41	8 0	1 16	14 37	2 39
T 14	0 26	18 32	4 27	10 41	1 58	18 21	2 16	13 14	0 17	4 38	1 6	16 2	1 40	23 10	0 9	18 45	1 36	21 44	15 18	7 39	7 59	1 12	14 39	2 39
W15	0 3	13 44	3 46	11 15	2 5	18 45	2 20	13 29	0 17	4 32	1 6	16 3	1 40	23 11	0 9	18 46	1 36	21 44	15 18	7 38	7 58	1 9	14 41	2 39
T 16	0s21	8 27	2 56	11 49	2 12	19 8	2 24	13 44	0 18	4 27	1 6	16 4	1 40	23 11	0 9	18 46	1 36	21 45	15 18	7 37	7 57	1 6	14 42	2 39
F 17	0 45	2 54	1 59	12 21	2 18	19 31	2 29	13 58	0 19	4 22	1 6	16 5	1 40	23 11	0 9	18 46	1 36	21 45	15 17	7 36	7 55	1 2	14 44	2 39
S 18	1 8	2s45	0 56	12 53	2 25	19 53	2 33	14 13	0 19	4 17	1 6	16 6	1 39	23 11	0 9	18 47	1 36	21 45	15 17	7 36	7 54	0 59	14 46	2 39
S 19	1 32	8 19	0s 9	13 23	2 31	20 15	2 37	14 27	0 20	4 12	1 6	16 7	1 39	23 11	0 9	18 47	1 36	21 46	15 17	7 36	7 53	0 55	14 47	2 39
M20	1 55	13 38	1 14	13 53	2 37	20 36	2 41	14 41	0 20	4 7	1 6	16 8	1 39	23 11	0 9	18 47	1 35	21 46	15 17	7 36	7 52	0 52	14 49	2 39
T 21	2 19	18 29	2 16	14 21	2 43	20 58	2 44	14 55	0 21	4 2	1 6	16 8	1 39	23 11	0 9	18 48	1 35	21 46	15 17	7 36	7 51	0 49	14 51	2 39
W22	2 43	22 39	3 13	14 47	2 48	21 18	2 48	15 10	0 22	3 57	1 6	16 9	1 39	23 11	0 9	18 48	1 35	21 47	15 17	7 37	7 49	0 45	14 52	2 39
T 23	3 6	25 54	4 3	15 12	2 53	21 38	2 52	15 23	0 22	3 52	1 7	16 10	1 39	23 12	0 9	18 48	1 35	21 47	15 17	7 37	7 48	0 42	14 54	2 39
F 24	3 30	27 57	4 41	15 36	2 57	21 58	2 56	15 37	0 23	3 47	1 7	16 11	1 39	23 12	0 9	18 49	1 35	21 47	15 17	7 37	7 47	0 38	14 56	2 39
S 25	3 53	28 34	5 7	15 58	3 1	22 17	3 0	15 51	0 24	3 42	1 7	16 11	1 39	23 12	0 9	18 49	1 35	21 48	15 16	7 38	7 46	0 35	14 58	2 39
S 26	4 17	27 35	5 17	16 19	3 5	22 36	3 3	16 5	0 24	3 37	1 7	16 12	1 39	23 12	0 9	18 50	1 35	21 48	15 16	7 37	7 45	0 31	14 59	2 39
M27	4 40	24 56	5 10	16 37	3 8	22 54	3 7	16 18	0 25	3 32	1 7	16 12	1 39	23 12	0 9	18 50	1 35	21 48	15 16	7 37	7 43	0 28	15 1	2 40
T 28	5 3	20 44	4 45	16 53	3 10	23 11	3 10	16 32	0 25	3 27	1 7	16 13	1 39	23 12	0 9	18 50	1 35	21 48	15 16	7 37	7 42	0 25	15 3	2 40
W29	5 26	15 12	4 1	17 8	3 12	23 28	3 14	16 45	0 26	3 22	1 7	16 13	1 39	23 13	0 9	18 51	1 35	21 48	15 16	7 37	7 41	0 21	15 5	2 40
T 30	5s50	8s39	2s59	17s19	3s13	23s45	3s17	16s58	0s27	3n17	1n 7	16s14	1s39	23s13	0s 9	18s51	1n35	21s49	15s16	7n37	7n40	0n18	15s 6	2n40

Julian Day Number = 2201970.5, Delta T = 09m59s
Ecliptic obliquity = 23°31'50, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°12'35, Lahiri = 14°19'35 Julian Calendar 1 Sept. 1316 == Greg. Calendar 9 Sept. 1316

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ASTRODIENST EPHEMERIS for the year 1316
geocentric

OCTOBER 1316 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	1 10 25	15♎43'37	0♈11	8♏36	2♐31	16♏12	24♍32	20°R35	18♐59	0♐51	10°R13	19°R22	19♈28	2♎48	19♏36	F 1
S 2	1 14 21	16°43'17	15°23	8°57	3°33	16°55	24°45	20♒34	19° 1	0°53	10♓12	19°D22	19°24	2°55	19°43	S 2
S 3	1 18 18	17°42'59	0♉31	9°12	4°35	17°38	24°57	20°32	19° 3	0°55	10°11	19♈22	19°21	3° 1	19°50	S 3
M 4	1 22 14	18°42'43	15°25	9°20	5°36	18°21	25°10	20°31	19° 5	0°56	10°10	19°22	19°18	3° 8	19°57	M 4
T 5	1 26 11	19°42'29	29°59	9°R20	6°38	19° 4	25°22	20°30	19° 8	0°58	10° 9	19°R22	19°15	3°15	20° 4	T 5
W 6	1 30 7	20°42'18	14♊ 7	9°12	7°39	19°47	25°35	20°28	19°10	1° 0	10° 8	19°22	19°12	3°21	20°11	W 6
T 7	1 34 4	21°42'08	27°49	8°56	8°39	20°30	25°47	20°27	19°12	1° 2	10° 8	19°22	19° 9	3°28	20°18	T 7
F 8	1 38 0	22°42'01	11♋ 3	8°30	9°39	21°13	25°59	20°26	19°14	1° 4	10° 7	19°22	19° 5	3°35	20°25	F 8
S 9	1 41 57	23°41'57	23°53	7°55	10°39	21°57	26°11	20°26	19°17	1° 6	10° 6	19°D21	19° 2	3°41	20°32	S 9
S 10	1 45 54	24°41'54	6♌22	7°11	11°39	22°40	26°24	20°25	19°19	1° 8	10° 5	19°22	18°59	3°48	20°39	S 10
M11	1 49 50	25°41'54	18°35	6°19	12°38	23°24	26°36	20°24	19°22	1° 9	10° 4	19°22	18°56	3°55	20°46	M11
T 12	1 53 47	26°41'55	0♍35	5°18	13°36	24° 7	26°48	20°24	19°24	1°11	10° 3	19°23	18°53	4° 1	20°54	T 12
W13	1 57 43	27°41'59	12°27	4°10	14°34	24°51	27° 0	20°23	19°27	1°13	10° 3	19°24	18°49	4° 8	21° 1	W13
T 14	2 1 40	28°42'05	24°15	2°56	15°32	25°34	27°12	20°23	19°29	1°15	10° 2	19°24	18°46	4°15	21° 8	T 14
F 15	2 5 36	29°42'13	6♎ 2	1°40	16°29	26°18	27°24	20°23	19°32	1°17	10° 1	19°25	18°43	4°21	21°16	F 15
S 16	2 9 33	0♏42'23	17°51	0°21	17°26	27° 2	27°36	20°22	19°35	1°19	10° 0	19°R26	18°40	4°28	21°23	S 16
S 17	2 13 29	1°42'34	29°45	29♎ 4	18°23	27°46	27°48	20°D22	19°37	1°21	10° 0	19°25	18°37	4°35	21°30	S 17
M18	2 17 26	2°42'48	11♏46	27°50	19°18	28°30	28° 0	20°23	19°40	1°23	9°59	19°24	18°34	4°41	21°38	M18
T 19	2 21 23	3°43'04	23°54	26°43	20°14	29°14	28°11	20°23	19°43	1°25	9°58	19°23	18°30	4°48	21°45	T 19
W20	2 25 19	4°43'21	6♐13	25°43	21° 9	29°58	28°23	20°23	19°46	1°27	9°58	19°21	18°27	4°54	21°53	W20
T 21	2 29 16	5°43'40	18°44	24°53	22° 3	0♐42	28°35	20°23	19°48	1°30	9°57	19°18	18°24	5° 1	22° 0	T 21
F 22	2 33 12	6°44'00	1♑28	24°14	22°56	1°26	28°46	20°24	19°51	1°32	9°57	19°16	18°21	5° 8	22° 7	F 22
S 23	2 37 9	7°44'22	14°27	23°46	23°49	2°10	28°58	20°25	19°54	1°34	9°56	19°14	18°18	5°14	22°15	S 23
S 24	2 41 5	8°44'46	27°42	23°30	24°41	2°54	29° 9	20°25	19°57	1°36	9°56	19°12	18°14	5°21	22°23	S 24
M25	2 45 2	9°45'10	11♒17	23°D25	25°33	3°39	29°20	20°26	20° 0	1°38	9°55	19°D12	18°11	5°28	22°30	M25
T 26	2 48 58	10°45'36	25°11	23°32	26°24	4°23	29°32	20°27	20° 3	1°40	9°55	19°12	18° 8	5°34	22°38	T 26
W27	2 52 55	11°46'04	9♓24	23°49	27°14	5° 7	29°43	20°28	20° 6	1°42	9°54	19°14	18° 5	5°41	22°45	W27
T 28	2 56 52	12°46'32	23°55	24°15	28° 3	5°52	29°54	20°29	20° 9	1°44	9°54	19°15	18° 2	5°48	22°53	T 28
F 29	3 0 48	13°47'02	8♈41	24°51	28°52	6°37	0♎ 5	20°30	20°12	1°47	9°53	19°16	17°59	5°54	23° 0	F 29
S 30	3 4 45	14°47'34	23°35	25°34	29°39	7°21	0°16	20°32	20°15	1°49	9°53	19°R16	17°55	6° 1	23° 8	S 30
S 31	3 8 41	15♏48'07	8♉31	26♎24	0♑26	8♐ 6	0♎27	20♒33	20♐18	1♐51	9♓52	19♈15	17♈52	6♎ 8	23♏16	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	6s13	1s32	1s45	17s28	3s13	24s 1	3s20	17s11	0s27	3n12	1n 7	16s14	1s39	23s13	0s 9	18s51	1n35	21s49	15s15	7n36	7n39	0n14	15s 8	2n40
S 2	6 36	5n44	0 22	17 34	3 12	24 16	3 23	17 24	0 28	3 7	1 7	16 15	1 39	23 13	0 9	18 52	1 35	21 49	15 15	7 36	7 37	0 11	15 10	2 40
S 3	6 59	12 39	1n 2	17 37	3 10	24 31	3 26	17 37	0 28	3 2	1 7	16 15	1 38	23 13	0 9	18 52	1 35	21 49	15 15	7 36	7 36	0 7	15 12	2 40
M 4	7 22	18 45	2 20	17 37	3 7	24 45	3 29	17 49	0 29	2 58	1 7	16 16	1 38	23 13	0 9	18 53	1 35	21 49	15 15	7 36	7 35	0 4	15 13	2 40
T 5	7 44	23 36	3 27	17 33	3 3	24 59	3 32	18 2	0 30	2 53	1 8	16 16	1 38	23 14	0 9	18 53	1 35	21 50	15 15	7 36	7 34	0 1	15 15	2 40
W 6	8 7	26 53	4 20	17 25	2 57	25 12	3 35	18 14	0 30	2 48	1 8	16 16	1 38	23 14	0 9	18 53	1 35	21 50	15 14	7 36	7 33	0s 3	15 17	2 40
T 7	8 29	28 26	4 56	17 12	2 50	25 25	3 38	18 26	0 31	2 43	1 8	16 16	1 38	23 14	0 9	18 54	1 35	21 50	15 14	7 36	7 31	0 6	15 19	2 40
F 8	8 52	28 17	5 15	16 55	2 41	25 37	3 40	18 38	0 31	2 38	1 8	16 17	1 38	23 14	0 9	18 54	1 35	21 50	15 14	7 36	7 30	0 10	15 20	2 40
S 9	9 14	26 36	5 17	16 34	2 30	25 48	3 43	18 50	0 32	2 33	1 8	16 17	1 38	23 14	0 9	18 55	1 35	21 50	15 14	7 36	7 29	0 13	15 22	2 41
S 10	9 36	23 39	5 4	16 8	2 17	25 59	3 45	19 2	0 33	2 29	1 8	16 17	1 38	23 15	0 9	18 55	1 35	21 50	15 13	7 36	7 28	0 17	15 24	2 41
M11	9 58	19 42	4 38	15 37	2 3	26 9	3 47	19 14	0 33	2 24	1 8	16 17	1 38	23 15	0 9	18 56	1 35	21 50	15 13	7 36	7 27	0 20	15 26	2 41
T 12	10 20	15 2	3 59	15 1	1 47	26 19	3 49	19 25	0 34	2 19	1 8	16 17	1 38	23 15	0 9	18 56	1 35	21 51	15 13	7 37	7 25	0 23	15 28	2 41
W13	10 42	9 51	3 11	14 22	1 30	26 28	3 51	19 36	0 34	2 14	1 8	16 17	1 38	23 15	0 9	18 56	1 35	21 51	15 13	7 37	7 24	0 27	15 29	2 41
T 14	11 3	4 22	2 15	13 39	1 11	26 36	3 53	19 47	0 35	2 10	1 8	16 17	1 37	23 15	0 9	18 57	1 35	21 51	15 13	7 37	7 23	0 30	15 31	2 41
F 15	11 25	1s17	1 14	12 53	0 51	26 44	3 55	19 58	0 35	2 5	1 9	16 17	1 37	23 16	0 9	18 57	1 34	21 51	15 12	7 38	7 22	0 34	15 33	2 41
S 16	11 46	6 54	0 9	12 7	0 30	26 51	3 56	20 9	0 36	2 0	1 9	16 17	1 37	23 16	0 9	18 58	1 34	21 51	15 12	7 38	7 20	0 37	15 35	2 41
S 17	12 7	12 19	0s57	11 20	0 10	26 58	3 58	20 20	0 36	1 56	1 9	16 17	1 37	23 16	0 9	18 58	1 34	21 51	15 12	7 38	7 19	0 41	15 37	2 41
M18	12 28	17 20	2 1	10 35	0n11	27 4	3 59	20 30	0 37	1 51	1 9	16 17	1 37	23 16	0 9	18 59	1 34	21 51	15 12	7 37	7 18	0 44	15 38	2 42
T 19	12 48	21 43	3 0	9 52	0 31	27 9	4 0	20 40	0 38	1 47	1 9	16 17	1 37	23 16	0 9	18 59	1 34	21 51	15 11	7 37	7 17	0 48	15 40	2 42
W20	13 9	25 13	3 51	9 13	0 49	27 14	4 1	20 50	0 38	1 42	1 9	16 17	1 37	23 17	0 9	18 59	1 34	21 51	15 11	7 36	7 16	0 51	15 42	2 42
T 21	13 29	27 34	4 32	8 38	1 7	27 19	4 2	21 0	0 39	1 38	1 9	16 16	1 37	23 17	0 9	19 0	1 34	21 51	15 11	7 35	7 14	0 54	15 44	2 42
F 22	13 49	28 32	5 1	8 9	1 22	27 22	4 2	21 10	0 39	1 33	1 9	16 16	1 37	23 17	0 9	19 0	1 34	21 51	15 10	7 34	7 13	0 58	15 45	2 42
S 23	14 9	27 57	5 15	7 46	1 36	27 25	4 2	21 19	0 40	1 29	1 10	16 16	1 37	23 17	0 9	19 1	1 34	21 51	15 10	7 33	7 12	1 1	15 47	2 42
S 24	14 28	25 48	5 12	7 30	1 48	27 28	4 3	21 29	0 40	1 24	1 10	16 16	1 36	23 18	0 9	19 1	1 34	21 51	15 10	7 33	7 11	1 5	15 49	2 42
M25	14 48	22 8	4 53	7 19	1 58	27 30	4 3	21 38	0 41	1 20	1 10	16 15	1 36	23 18	0 9	19 2	1 34	21 51	15 10	7 33	7 10	1 8	15 51	2 43
T 26	15 7	17 11	4 16	7 13	2 6	27 31	4 2	21 46	0 41	1 15	1 10	16 15	1 36	23 18	0 9	19 2	1 34	21 51	15 9	7 33	7 8	1 12	15 52	2 43
W27	15 25	11 12	3 22	7 14	2 12	27 32	4 2	21 55	0 42	1 11	1 10	16 14	1 36	23 18	0 9	19 3	1 34	21 51	15 9	7 33	7 7	1 15	15 54	2 43
T 28	15 44	4 29	2 15	7 19	2 17	27 32	4 1	22 4	0 42	1 7	1 10	16 14	1 36	23 18	0 9	19 3	1 34	21 50	15 9	7 34	7 6	1 18	15 56	2 43
F 29	16 2	2n34	0 58	7 29	2 20	27 32	4 0	22 12	0 43	1 2	1 10	16 14	1 36	23 19	0 9	19 4	1 34	21 50	15 8	7 34	7 5	1 22	15 58	2 43
S 30	16 20	9 33	0n24	7 43	2 22	27 31	3 59	22 20	0 43	0 58	1 11	16 13	1 36	23 19	0 9	19 4	1 34	21 50	15 8	7 34	7 3	1 25	15 59	2 43
S 31	16s38	16n 2	1n44	8s 1	2n22	27s30	3s58	22s28	0s44	0n54	1n11	16s12	1s36	23s19	0s 9	19s 4	1n34	21s50	15s 8	7n34	7n 2	1s29	16s 1	2n44

Julian Day Number = 2202000.5, Delta T = 09m58s
Ecliptic obliquity = 23°31'50, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°12'39, Lahiri = 14°19'40 Julian Calendar 1 Oct. 1316 == Greg. Calendar 9 Oct. 1316

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ASTRODIENST EPHEMERIS for the year 1316
geocentric

NOVEMBER 1316 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	3 12 38	16♏48'41	23♉20	27♎21	1♑12	8♐51	0♎38	20♒35	20♐21	1♐53	9°R52	19°R13	17♈49	6♎14	23♏23	M 1
T 2	3 16 34	17°49'17	7♊54	28°23	1°57	9°35	0°49	20°36	20°25	1°55	9♓52	19♈ 9	17°46	6°21	23°31	T 2
W 3	3 20 31	18°49'55	22° 8	29°30	2°41	10°20	0°59	20°38	20°28	1°58	9°51	19° 5	17°43	6°28	23°38	W 3
T 4	3 24 27	19°50'34	5♋56	0♏40	3°24	11° 5	1°10	20°40	20°31	2° 0	9°51	19° 0	17°40	6°34	23°46	T 4
F 5	3 28 24	20°51'15	19°18	1°54	4° 5	11°50	1°20	20°42	20°34	2° 2	9°51	18°56	17°36	6°41	23°54	F 5
S 6	3 32 21	21°51'57	2♌14	3°11	4°46	12°35	1°31	20°44	20°38	2° 4	9°51	18°52	17°33	6°48	24° 1	S 6
S 7	3 36 17	22°52'42	14°47	4°31	5°25	13°20	1°41	20°46	20°41	2° 6	9°50	18°51	17°30	6°54	24° 9	S 7
M 8	3 40 14	23°53'27	27° 1	5°53	6° 4	14° 5	1°51	20°48	20°44	2° 9	9°50	18°D50	17°27	7° 1	24°17	M 8
T 9	3 44 10	24°54'14	9♍ 0	7°16	6°41	14°50	2° 1	20°51	20°48	2°11	9°50	18°51	17°24	7° 7	24°24	T 9
W10	3 48 7	25°55'03	20°51	8°41	7°17	15°36	2°11	20°53	20°51	2°13	9°50	18°53	17°20	7°14	24°32	W10
T 11	3 52 3	26°55'53	2♎38	10° 8	7°51	16°21	2°21	20°56	20°54	2°15	9°50	18°55	17°17	7°21	24°40	T 11
F 12	3 56 0	27°56'45	14°26	11°35	8°24	17° 6	2°31	20°58	20°58	2°18	9°50	18°R56	17°14	7°27	24°47	F 12
S 13	3 59 56	28°57'38	26°18	13° 4	8°55	17°52	2°41	21° 1	21° 1	2°20	9°49	18°56	17°11	7°34	24°55	S 13
S 14	4 3 53	29°58'32	8♏19	14°33	9°25	18°37	2°51	21° 4	21° 4	2°22	9°49	18°53	17° 8	7°41	25° 2	S 14
M15	4 7 50	0♐59'28	20°31	16° 3	9°54	19°23	3° 0	21° 7	21° 8	2°24	9°49	18°49	17° 5	7°47	25°10	M15
T 16	4 11 46	2° 0'24	2♐55	17°33	10°20	20° 8	3° 9	21°10	21°11	2°27	9°D49	18°43	17° 1	7°54	25°18	T 16
W17	4 15 43	3° 1'22	15°32	19° 4	10°45	20°54	3°19	21°13	21°15	2°29	9°49	18°35	16°58	8° 1	25°25	W17
T 18	4 19 39	4° 2'21	28°23	20°35	11° 8	21°40	3°28	21°16	21°18	2°31	9°49	18°27	16°55	8° 7	25°33	T 18
F 19	4 23 36	5° 3'21	11♑26	22° 7	11°30	22°25	3°37	21°20	21°22	2°34	9°49	18°18	16°52	8°14	25°40	F 19
S 20	4 27 32	6° 4'21	24°42	23°38	11°49	23°11	3°46	21°23	21°25	2°36	9°50	18°11	16°49	8°21	25°48	S 20
S 21	4 31 29	7° 5'22	8♒ 9	25°10	12° 7	23°57	3°55	21°26	21°29	2°38	9°50	18° 5	16°46	8°27	25°55	S 21
M22	4 35 26	8° 6'24	21°48	26°42	12°22	24°43	4° 4	21°30	21°32	2°40	9°50	18° 2	16°42	8°34	26° 3	M22
T 23	4 39 22	9° 7'26	5♓38	28°15	12°35	25°29	4°12	21°34	21°36	2°43	9°50	18°D 0	16°39	8°41	26°10	T 23
W24	4 43 19	10° 8'29	19°39	29°47	12°46	26°14	4°21	21°37	21°40	2°45	9°50	18° 1	16°36	8°47	26°18	W24
T 25	4 47 15	11° 9'32	3♈51	1♐20	12°55	27° 0	4°29	21°41	21°43	2°47	9°50	18° 2	16°33	8°54	26°25	T 25
F 26	4 51 12	12°10'36	18°12	2°53	13° 1	27°46	4°37	21°45	21°47	2°49	9°51	18°R 2	16°30	9° 0	26°33	F 26
S 27	4 55 8	13°11'40	2♉39	4°25	13° 5	28°33	4°46	21°49	21°50	2°52	9°51	18° 1	16°26	9° 7	26°40	S 27
S 28	4 59 5	14°12'44	17° 9	5°59	13°R 7	29°19	4°54	21°53	21°54	2°54	9°51	17°58	16°23	9°14	26°48	S 28
M29	5 3 1	15°13'49	1♊37	7°32	13° 6	0♑ 5	5° 2	21°58	21°57	2°56	9°52	17°52	16°20	9°20	26°55	M29
T 30	5 6 58	16♐14'55	15♊56	9♐ 5	13♑ 3	0♑51	5♎ 9	22♒ 2	22♐ 1	2♐58	9♓52	17♈44	16♈17	9♎27	27♏ 2	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	16s55	21n31	2n56	8s22	2n22	27s28	3s56	22s35	0s44	0n50	1n11	16s12	1s36	23s19	0s 9	19s 5	1n34	21s50	15s 8	7n33	7n 1	1s32	16s 3	2n44
T 2	17 13	25 35	3 56	8 45	2 20	27 25	3 55	22 43	0 45	0 46	1 11	16 11	1 36	23 20	0 9	19 5	1 34	21 50	15 7	7 32	7 0	1 36	16 5	2 44
W 3	17 29	27 56	4 39	9 11	2 18	27 23	3 52	22 50	0 45	0 42	1 11	16 11	1 35	23 20	0 9	19 6	1 34	21 50	15 7	7 30	6 59	1 39	16 6	2 44
T 4	17 46	28 28	5 5	9 38	2 15	27 19	3 50	22 57	0 46	0 38	1 11	16 10	1 35	23 20	0 9	19 6	1 34	21 49	15 7	7 28	6 57	1 42	16 8	2 44
F 5	18 2	27 18	5 13	10 8	2 11	27 15	3 47	23 3	0 46	0 33	1 11	16 9	1 35	23 20	0 9	19 7	1 34	21 49	15 6	7 26	6 56	1 46	16 10	2 45
S 6	18 18	24 41	5 4	10 38	2 7	27 11	3 45	23 10	0 47	0 29	1 12	16 8	1 35	23 21	0 9	19 7	1 34	21 49	15 6	7 25	6 55	1 49	16 11	2 45
S 7	18 34	20 57	4 42	11 9	2 2	27 6	3 41	23 16	0 47	0 26	1 12	16 8	1 35	23 21	0 9	19 8	1 34	21 49	15 6	7 25	6 54	1 53	16 13	2 45
M 8	18 49	16 24	4 6	11 42	1 57	27 1	3 38	23 22	0 47	0 22	1 12	16 7	1 35	23 21	0 9	19 8	1 34	21 49	15 5	7 24	6 52	1 56	16 15	2 45
T 9	19 4	11 19	3 21	12 14	1 51	26 55	3 34	23 27	0 48	0 18	1 12	16 6	1 35	23 21	0 9	19 9	1 34	21 48	15 5	7 25	6 51	2 0	16 16	2 45
W10	19 19	5 54	2 27	12 47	1 45	26 49	3 30	23 33	0 48	0 14	1 12	16 5	1 35	23 22	0 9	19 9	1 34	21 48	15 5	7 25	6 50	2 3	16 18	2 46
T 11	19 33	0 17	1 28	13 21	1 39	26 43	3 25	23 38	0 49	0 10	1 12	16 4	1 35	23 22	0 9	19 9	1 34	21 48	15 4	7 26	6 49	2 6	16 20	2 46
F 12	19 47	5s20	0 25	13 54	1 33	26 36	3 21	23 43	0 49	0 6	1 13	16 3	1 35	23 22	0 9	19 10	1 34	21 48	15 4	7 26	6 48	2 10	16 21	2 46
S 13	20 0	10 49	0s40	14 27	1 26	26 29	3 15	23 48	0 50	0 3	1 13	16 2	1 34	23 22	0 9	19 10	1 34	21 47	15 4	7 26	6 46	2 13	16 23	2 46
S 14	20 13	15 58	1 43	15 0	1 19	26 21	3 10	23 52	0 50	0s 1	1 13	16 1	1 34	23 23	0 9	19 11	1 34	21 47	15 3	7 26	6 45	2 17	16 24	2 46
M15	20 26	20 34	2 43	15 33	1 12	26 13	3 4	23 57	0 50	0 5	1 13	16 0	1 34	23 23	0 9	19 11	1 34	21 47	15 3	7 24	6 44	2 20	16 26	2 47
T 16	20 39	24 21	3 36	16 5	1 5	26 5	2 58	24 0	0 51	0 8	1 13	15 59	1 34	23 23	0 9	19 12	1 34	21 47	15 3	7 22	6 43	2 24	16 27	2 47
W17	20 51	27 1	4 19	16 37	0 58	25 56	2 51	24 4	0 51	0 12	1 14	15 58	1 34	23 23	0 9	19 12	1 34	21 46	15 2	7 19	6 42	2 27	16 29	2 47
T 18	21 2	28 20	4 49	17 9	0 51	25 47	2 44	24 8	0 52	0 15	1 14	15 57	1 34	23 23	0 9	19 13	1 34	21 46	15 2	7 15	6 40	2 31	16 31	2 47
F 19	21 13	28 6	5 5	17 39	0 44	25 38	2 36	24 11	0 52	0 19	1 14	15 56	1 34	23 24	0 9	19 13	1 34	21 46	15 2	7 12	6 39	2 34	16 32	2 48
S 20	21 24	26 16	5 6	18 9	0 37	25 28	2 29	24 14	0 52	0 22	1 14	15 55	1 34	23 24	0 9	19 13	1 34	21 45	15 1	7 9	6 38	2 37	16 34	2 48
S 21	21 35	22 57	4 49	18 39	0 30	25 18	2 20	24 16	0 53	0 26	1 14	15 53	1 34	23 24	0 9	19 14	1 34	21 45	15 1	7 7	6 37	2 41	16 35	2 48
M22	21 45	18 20	4 16	19 8	0 23	25 8	2 11	24 19	0 53	0 29	1 15	15 52	1 34	23 24	0 9	19 14	1 34	21 45	15 1	7 6	6 35	2 44	16 37	2 48
T 23	21 54	12 42	3 28	19 36	0 16	24 58	2 2	24 21	0 54	0 32	1 15	15 51	1 34	23 25	0 9	19 15	1 34	21 44	15 0	7 5	6 34	2 48	16 38	2 49
W24	22 3	6 21	2 27	20 3	0 8	24 47	1 53	24 23	0 54	0 35	1 15	15 49	1 33	23 25	0 9	19 15	1 34	21 44	15 0	7 5	6 33	2 51	16 40	2 49
T 25	22 12	0n23	1 16	20 29	0 2	24 36	1 42	24 24	0 54	0 38	1 15	15 48	1 33	23 25	0 9	19 16	1 34	21 44	15 0	7 6	6 32	2 55	16 41	2 49
F 26	22 20	7 10	0n 1	20 54	0s 5	24 25	1 32	24 25	0 55	0 41	1 15	15 47	1 33	23 25	0 9	19 16	1 34	21 43	14 59	7 6	6 31	2 58	16 43	2 50
S 27	22 28	13 39	1 18	21 18	0 12	24 14	1 21	24 26	0 55	0 45	1 16	15 45	1 33	23 26	0 9	19 17	1 34	21 43	14 59	7 6	6 29	3 1	16 44	2 50
S 28	22 36	19 25	2 30	21 42	0 19	24 2	1 9	24 27	0 55	0 48	1 16	15 44	1 33	23 26	0 9	19 17	1 34	21 42	14 59	7 4	6 28	3 5	16 45	2 50
M29	22 43	24 1	3 31	22 4	0 26	23 50	0 57	24 28	0 56	0 50	1 16	15 42	1 33	23 26	0 9	19 17	1 34	21 42	14 59	7 2	6 27	3 8	16 47	2 50
T 30	22s49	27n 5	4n19	22s25	0s32	23s38	0s45	24s28	0s56	0s53	1n16	15s41	1s33	23s26	0s 9	19s18	1n34	21s41	14s58	6n59	6n26	3s12	16s48	2n51

Julian Day Number = 2202031.5, Delta T = 09m58s
Ecliptic obliquity = 23°31'49, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°12'43, Lahiri = 14°19'44 Julian Calendar 1 Nov. 1316 == Greg. Calendar 9 Nov. 1316

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ASTRODIENST EPHEMERIS for the year 1316
geocentric

DECEMBER 1316 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	5 10 55	17♐16'01	29♊59	10♐38	12°R57	1♑37	5♎17	22♒ 6	22♐ 5	3♐ 0	9♓52	17°R34	16♈14	9♎34	27♏10	W 1
T 2	5 14 51	18°17'08	13♋44	12°12	12♑49	2°24	5°24	22°11	22° 8	3° 3	9°53	17♈23	16°11	9°40	27°17	T 2
F 3	5 18 48	19°18'15	27° 6	13°46	12°38	3°10	5°32	22°15	22°12	3° 5	9°53	17°13	16° 7	9°47	27°24	F 3
S 4	5 22 44	20°19'23	10♌ 4	15°20	12°24	3°56	5°39	22°20	22°16	3° 7	9°54	17° 4	16° 4	9°54	27°31	S 4
S 5	5 26 41	21°20'32	22°39	16°54	12° 9	4°43	5°46	22°25	22°19	3° 9	9°54	16°58	16° 1	10° 0	27°39	S 5
M 6	5 30 37	22°21'41	4♍56	18°28	11°51	5°29	5°53	22°29	22°23	3°11	9°54	16°54	15°58	10° 7	27°46	M 6
T 7	5 34 34	23°22'51	16°57	20° 3	11°30	6°15	6° 0	22°34	22°26	3°14	9°55	16°52	15°55	10°14	27°53	T 7
W 8	5 38 30	24°24'01	28°49	21°38	11° 7	7° 2	6° 6	22°39	22°30	3°16	9°56	16°D52	15°52	10°20	28° 0	W 8
T 9	5 42 27	25°25'12	10♎36	23°13	10°42	7°49	6°13	22°44	22°34	3°18	9°56	16°R52	15°48	10°27	28° 7	T 9
F 10	5 46 24	26°26'23	22°25	24°48	10°15	8°35	6°19	22°49	22°37	3°20	9°57	16°52	15°45	10°34	28°14	F 10
S 11	5 50 20	27°27'34	4♏20	26°24	9°47	9°22	6°25	22°54	22°41	3°22	9°57	16°51	15°42	10°40	28°21	S 11
S 12	5 54 17	28°28'47	16°26	28° 0	9°16	10° 8	6°31	22°59	22°45	3°24	9°58	16°47	15°39	10°47	28°28	S 12
M13	5 58 13	29°29'59	28°47	29°36	8°44	10°55	6°37	23° 5	22°48	3°26	9°59	16°40	15°36	10°53	28°35	M13
T 14	6 2 10	0♑31'12	11♐24	1♑13	8°11	11°42	6°43	23°10	22°52	3°28	9°59	16°31	15°32	11° 0	28°42	T 14
W15	6 6 6	1°32'24	24°20	2°50	7°36	12°29	6°49	23°15	22°55	3°30	10° 0	16°19	15°29	11° 7	28°49	W15
T 16	6 10 3	2°33'37	7♑33	4°27	7° 1	13°15	6°54	23°21	22°59	3°32	10° 1	16° 6	15°26	11°13	28°55	T 16
F 17	6 14 0	3°34'50	21° 2	6° 5	6°25	14° 2	6°59	23°26	23° 2	3°35	10° 1	15°53	15°23	11°20	29° 2	F 17
S 18	6 17 56	4°36'03	4♒44	7°43	5°48	14°49	7° 4	23°32	23° 6	3°37	10° 2	15°41	15°20	11°27	29° 9	S 18
S 19	6 21 53	5°37'15	18°34	9°21	5°11	15°36	7° 9	23°38	23°10	3°39	10° 3	15°32	15°17	11°33	29°15	S 19
M20	6 25 49	6°38'27	2♓31	11° 0	4°35	16°23	7°14	23°43	23°13	3°41	10° 4	15°25	15°13	11°40	29°22	M20
T 21	6 29 46	7°39'38	16°31	12°39	3°59	17°10	7°19	23°49	23°17	3°42	10° 5	15°22	15°10	11°47	29°28	T 21
W22	6 33 42	8°40'49	0♈34	14°18	3°23	17°57	7°23	23°55	23°20	3°44	10° 5	15°20	15° 7	11°53	29°35	W22
T 23	6 37 39	9°41'59	14°39	15°58	2°48	18°44	7°27	24° 1	23°24	3°46	10° 6	15°20	15° 4	12° 0	29°41	T 23
F 24	6 41 35	10°43'08	28°43	17°38	2°14	19°31	7°32	24° 7	23°27	3°48	10° 7	15°20	15° 1	12° 7	29°48	F 24
S 25	6 45 32	11°44'17	12♉48	19°19	1°42	20°18	7°35	24°13	23°31	3°50	10° 8	15°18	14°58	12°13	29°54	S 25
S 26	6 49 29	12°45'25	26°52	20°59	1°11	21° 5	7°39	24°19	23°34	3°52	10° 9	15°13	14°54	12°20	0♐ 0	S 26
M27	6 53 25	13°46'33	10♊51	22°40	0°41	21°52	7°43	24°25	23°38	3°54	10°10	15° 6	14°51	12°27	0° 7	M27
T 28	6 57 22	14°47'40	24°44	24°21	0°14	22°39	7°46	24°31	23°41	3°56	10°11	14°55	14°48	12°33	0°13	T 28
W29	7 1 18	15°48'46	8♋25	26° 2	29♐49	23°26	7°49	24°38	23°45	3°58	10°12	14°43	14°45	12°40	0°19	W29
T 30	7 5 15	16°49'52	21°52	27°43	29°25	24°13	7°52	24°44	23°48	3°59	10°13	14°29	14°42	12°46	0°25	T 30
F 31	7 9 11	17♑50'57	5♌ 2	29♑24	29♐ 4	25♑ 1	7♎55	24♒50	23♐51	4♐ 1	10♓14	14♈16	14♈38	12♎53	0♐31	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	22s55	28n22	4n50	22s46	0s38	23s26	0s32	24s28	0s56	0s56	1n17	15s40	1s33	23s26	0s 9	19s18	1n34	21s41	14s58	6n55	6n24	3s15	16s49	2n51
T 2	23 1	27 51	5 3	23 5	0 45	23 14	0 19	24 27	0 57	0 59	1 17	15 38	1 33	23 27	0 9	19 19	1 34	21 41	14 58	6 51	6 23	3 19	16 51	2 51
F 3	23 6	25 43	5 0	23 23	0 51	23 1	0 5	24 27	0 57	1 2	1 17	15 36	1 33	23 27	0 9	19 19	1 34	21 40	14 57	6 47	6 22	3 22	16 52	2 52
S 4	23 11	22 17	4 40	23 40	0 57	22 48	0n 9	24 26	0 57	1 4	1 17	15 35	1 33	23 27	0 9	19 19	1 34	21 40	14 57	6 44	6 21	3 25	16 53	2 52
S 5	23 15	17 55	4 8	23 55	1 2	22 36	0 23	24 24	0 58	1 7	1 17	15 33	1 33	23 27	0 9	19 20	1 34	21 39	14 57	6 41	6 19	3 29	16 55	2 52
M 6	23 19	12 54	3 24	24 9	1 8	22 23	0 38	24 23	0 58	1 9	1 18	15 32	1 33	23 28	0 9	19 20	1 34	21 39	14 56	6 40	6 18	3 32	16 56	2 53
T 7	23 22	7 31	2 32	24 23	1 13	22 10	0 53	24 21	0 58	1 12	1 18	15 30	1 32	23 28	0 9	19 21	1 34	21 38	14 56	6 39	6 17	3 36	16 57	2 53
W 8	23 25	1 55	1 35	24 34	1 19	21 56	1 8	24 19	0 59	1 14	1 18	15 28	1 32	23 28	0 9	19 21	1 34	21 38	14 56	6 39	6 16	3 39	16 59	2 53
T 9	23 27	3s42	0 33	24 45	1 24	21 43	1 23	24 17	0 59	1 17	1 18	15 27	1 32	23 28	0 9	19 21	1 34	21 37	14 55	6 39	6 15	3 43	17 0	2 53
F 10	23 29	9 13	0s29	24 54	1 29	21 30	1 39	24 14	0 59	1 19	1 19	15 25	1 32	23 28	0 9	19 22	1 34	21 37	14 55	6 39	6 13	3 46	17 1	2 54
S 11	23 30	14 27	1 31	25 2	1 33	21 16	1 54	24 11	0 59	1 21	1 19	15 23	1 32	23 29	0 9	19 22	1 34	21 36	14 55	6 39	6 12	3 49	17 2	2 54
S 12	23 31	19 13	2 30	25 8	1 37	21 3	2 10	24 8	1 0	1 23	1 19	15 21	1 32	23 29	0 9	19 23	1 34	21 36	14 54	6 37	6 11	3 53	17 3	2 55
M13	23 32	23 16	3 23	25 13	1 42	20 49	2 26	24 5	1 0	1 26	1 19	15 20	1 32	23 29	0 9	19 23	1 34	21 35	14 54	6 35	6 10	3 56	17 5	2 55
T 14	23 32	26 19	4 7	25 17	1 45	20 36	2 41	24 1	1 0	1 28	1 20	15 18	1 32	23 29	0 9	19 23	1 34	21 35	14 54	6 31	6 8	4 0	17 6	2 55
W15	23 31	28 3	4 39	25 19	1 49	20 22	2 57	23 57	1 0	1 30	1 20	15 16	1 32	23 29	0 9	19 24	1 34	21 34	14 53	6 26	6 7	4 3	17 7	2 56
T 16	23 30	28 16	4 57	25 19	1 52	20 9	3 12	23 52	1 1	1 31	1 20	15 14	1 32	23 30	0 9	19 24	1 34	21 33	14 53	6 21	6 6	4 6	17 8	2 56
F 17	23 29	26 48	4 59	25 19	1 55	19 56	3 27	23 48	1 1	1 33	1 20	15 12	1 32	23 30	0 9	19 24	1 34	21 33	14 53	6 16	6 5	4 10	17 9	2 56
S 18	23 27	23 45	4 44	25 16	1 58	19 43	3 41	23 43	1 1	1 35	1 21	15 10	1 32	23 30	0 9	19 25	1 34	21 32	14 53	6 12	6 4	4 13	17 10	2 57
S 19	23 25	19 19	4 13	25 12	2 0	19 31	3 55	23 38	1 1	1 37	1 21	15 8	1 32	23 30	0 9	19 25	1 34	21 32	14 52	6 8	6 2	4 17	17 11	2 57
M20	23 22	13 49	3 26	25 6	2 2	19 18	4 9	23 32	1 2	1 38	1 21	15 6	1 32	23 30	0 9	19 26	1 34	21 31	14 52	6 6	6 1	4 20	17 12	2 57
T 21	23 18	7 35	2 26	24 59	2 4	19 6	4 22	23 27	1 2	1 40	1 21	15 4	1 32	23 31	0 9	19 26	1 34	21 31	14 52	6 4	6 0	4 24	17 13	2 58
W22	23 15	0 57	1 17	24 50	2 5	18 55	4 34	23 21	1 2	1 42	1 22	15 2	1 32	23 31	0 9	19 26	1 34	21 30	14 51	6 4	5 59	4 27	17 14	2 58
T 23	23 10	5n44	0 4	24 39	2 6	18 44	4 46	23 15	1 2	1 43	1 22	15 0	1 32	23 31	0 9	19 27	1 34	21 29	14 51	6 4	5 57	4 30	17 15	2 59
F 24	23 6	12 9	1n10	24 27	2 6	18 33	4 58	23 8	1 2	1 44	1 22	14 58	1 31	23 31	0 9	19 27	1 34	21 29	14 51	6 4	5 56	4 34	17 16	2 59
S 25	23 1	17 57	2 20	24 13	2 6	18 23	5 8	23 1	1 3	1 46	1 22	14 56	1 31	23 31	0 9	19 27	1 34	21 28	14 51	6 3	5 55	4 37	17 17	2 59
S 26	22 55	22 47	3 20	23 57	2 6	18 13	5 18	22 54	1 3	1 47	1 23	14 54	1 31	23 32	0 9	19 28	1 34	21 28	14 50	6 1	5 54	4 41	17 18	3 0
M27	22 49	26 16	4 9	23 40	2 5	18 5	5 27	22 47	1 3	1 48	1 23	14 52	1 31	23 32	0 9	19 28	1 34	21 27	14 50	5 58	5 52	4 44	17 19	3 0
T 28	22 42	28 7	4 42	23 21	2 3	17 56	5 36	22 39	1 3	1 49	1 23	14 50	1 31	23 32	0 9	19 28	1 34	21 26	14 50	5 54	5 51	4 47	17 20	3 1
W29	22 35	28 13	4 58	23 0	2 1	17 49	5 43	22 32	1 3	1 50	1 23	14 48	1 31	23 32	0 9	19 28	1 34	21 26	14 50	5 49	5 50	4 51	17 21	3 1
T 30	22 28	26 38	4 57	22 38	1 59	17 42	5 50	22 23	1 3	1 51	1 24	14 46	1 31	23 32	0 9	19 29	1 34	21 25	14 49	5 44	5 49	4 54	17 21	3 1
F 31	22s20	23n37	4n41	22s14	1s55	17s35	5n56	22s15	1s 4	1s52	1n24	14s43	1s31	23s32	0s 9	19s29	1n34	21s24	14s49	5n39	5n48	4s58	17s22	3n 2

Julian Day Number = 2202061.5, Delta T = 09m58s
Ecliptic obliquity = 23°31'49, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°12'47, Lahiri = 14°19'48 Julian Calendar 1 Dec. 1316 == Greg. Calendar 9 Dec. 1316

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1317
geocentric

JANUARY 1317 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	7 13 8	18♑52'02	17♌53	1♒ 5	28°R45	25♑48	7♎58	24♒57	23♐55	4♐ 3	10♓15	14°R 5	14♈35	13♎ 0	0♐37	S 1
S 2	7 17 4	19°53'06	0♍25	2°46	28♐29	26°35	8° 0	25° 3	23°58	4° 5	10°16	13♈56	14°32	13° 6	0°43	S 2
M 3	7 21 1	20°54'10	12°40	4°25	28°15	27°22	8° 3	25°10	24° 1	4° 6	10°17	13°49	14°29	13°13	0°48	M 3
T 4	7 24 58	21°55'12	24°42	6° 4	28° 4	28° 9	8° 5	25°16	24° 5	4° 8	10°18	13°46	14°26	13°20	0°54	T 4
W 5	7 28 54	22°56'15	6♎34	7°42	27°55	28°57	8° 7	25°23	24° 8	4°10	10°19	13°44	14°23	13°26	1° 0	W 5
T 6	7 32 51	23°57'17	18°21	9°19	27°49	29°44	8° 8	25°29	24°11	4°11	10°21	13°44	14°19	13°33	1° 5	T 6
F 7	7 36 47	24°58'18	0♏10	10°53	27°45	0♒31	8°10	25°36	24°15	4°13	10°22	13°44	14°16	13°40	1°11	F 7
S 8	7 40 44	25°59'19	12° 5	12°26	27°D43	1°19	8°11	25°43	24°18	4°14	10°23	13°43	14°13	13°46	1°16	S 8
S 9	7 44 40	27° 0'19	24°13	13°56	27°45	2° 6	8°13	25°49	24°21	4°16	10°24	13°40	14°10	13°53	1°22	S 9
M10	7 48 37	28° 1'19	6♐37	15°22	27°48	2°53	8°14	25°56	24°24	4°18	10°25	13°34	14° 7	14° 0	1°27	M10
T 11	7 52 33	29° 2'17	19°22	16°45	27°54	3°41	8°14	26° 3	24°27	4°19	10°27	13°26	14° 4	14° 6	1°32	T 11
W12	7 56 30	0♒ 3'15	2♑30	18° 3	28° 2	4°28	8°15	26°10	24°30	4°20	10°28	13°15	14° 0	14°13	1°37	W12
T 13	8 0 27	1° 4'12	16° 0	19°17	28°12	5°15	8°15	26°17	24°34	4°22	10°29	13° 3	13°57	14°19	1°42	T 13
F 14	8 4 23	2° 5'09	29°50	20°24	28°25	6° 3	8°16	26°24	24°37	4°23	10°30	12°51	13°54	14°26	1°47	F 14
S 15	8 8 20	3° 6'03	13♒58	21°25	28°40	6°50	8°R16	26°30	24°40	4°25	10°32	12°40	13°51	14°33	1°52	S 15
S 16	8 12 16	4° 6'57	28°16	22°18	28°57	7°38	8°16	26°37	24°43	4°26	10°33	12°31	13°48	14°39	1°57	S 16
M17	8 16 13	5° 7'49	12♓39	23° 3	29°15	8°25	8°15	26°44	24°46	4°27	10°34	12°25	13°44	14°46	2° 2	M17
T 18	8 20 9	6° 8'40	27° 3	23°39	29°36	9°12	8°15	26°51	24°49	4°29	10°36	12°22	13°41	14°53	2° 7	T 18
W19	8 24 6	7° 9'30	11♈23	24° 5	29°58	10° 0	8°14	26°59	24°52	4°30	10°37	12°D21	13°38	14°59	2°11	W19
T 20	8 28 2	8°10'18	25°35	24°21	0♑23	10°47	8°13	27° 6	24°54	4°31	10°38	12°21	13°35	15° 6	2°16	T 20
F 21	8 31 59	9°11'04	9♉40	24°R26	0°49	11°35	8°12	27°13	24°57	4°33	10°40	12°R22	13°32	15°13	2°20	F 21
S 22	8 35 56	10°11'48	23°35	24°21	1°17	12°22	8°11	27°20	25° 0	4°34	10°41	12°21	13°29	15°19	2°25	S 22
S 23	8 39 52	11°12'32	7♊21	24° 4	1°46	13°10	8° 9	27°27	25° 3	4°35	10°42	12°18	13°25	15°26	2°29	S 23
M24	8 43 49	12°13'13	20°58	23°37	2°17	13°57	8° 7	27°34	25° 6	4°36	10°44	12°12	13°22	15°33	2°33	M24
T 25	8 47 45	13°13'53	4♋25	23° 1	2°49	14°44	8° 6	27°41	25° 8	4°37	10°45	12° 5	13°19	15°39	2°37	T 25
W26	8 51 42	14°14'31	17°40	22°15	3°23	15°32	8° 4	27°49	25°11	4°38	10°47	11°55	13°16	15°46	2°41	W26
T 27	8 55 38	15°15'08	0♌43	21°21	3°58	16°19	8° 1	27°56	25°14	4°39	10°48	11°44	13°13	15°53	2°45	T 27
F 28	8 59 35	16°15'43	13°33	20°22	4°35	17° 7	7°59	28° 3	25°16	4°40	10°49	11°34	13°10	15°59	2°49	F 28
S 29	9 3 32	17°16'16	26° 8	19°17	5°12	17°54	7°56	28°10	25°19	4°41	10°51	11°25	13° 6	16° 6	2°53	S 29
S 30	9 7 28	18°16'48	8♍30	18°10	5°51	18°42	7°54	28°18	25°21	4°42	10°52	11°18	13° 3	16°12	2°56	S 30
M31	9 11 25	19♒17'18	20♍39	17♒ 2	6♑32	19♒29	7♎51	28♒25	25♐24	4♐43	10♓54	11♈13	13♈ 0	16♎19	3♐ 0	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22s12	19n30	4n10	21s48	1s52	17s30	6n 2	22s 7	1s 4	1s53	1n24	14s41	1s31	23s33	0s 9	19s29	1n35	21s24	14s49	5n34	5n46	5s 1	17s23	3n 2
S 2	22 3	14 36	3 28	21 21	1 47	17 25	6 7	21 58	1 4	1 54	1 25	14 39	1 31	23 33	0 9	19 30	1 35	21 23	14 49	5 31	5 45	5 5	17 24	3 3
M 3	21 54	9 14	2 37	20 53	1 42	17 21	6 11	21 49	1 4	1 54	1 25	14 37	1 31	23 33	0 9	19 30	1 35	21 23	14 48	5 28	5 44	5 8	17 25	3 3
T 4	21 44	3 38	1 39	20 23	1 36	17 17	6 14	21 39	1 4	1 55	1 25	14 35	1 31	23 33	0 9	19 30	1 35	21 22	14 48	5 27	5 43	5 11	17 25	3 4
W 5	21 34	2s 2	0 38	19 51	1 29	17 14	6 17	21 30	1 4	1 55	1 25	14 32	1 31	23 33	0 9	19 30	1 35	21 21	14 48	5 26	5 41	5 15	17 26	3 4
T 6	21 24	7 36	0s24	19 19	1 22	17 12	6 19	21 20	1 4	1 56	1 26	14 30	1 31	23 33	0 9	19 31	1 35	21 21	14 48	5 26	5 40	5 18	17 27	3 4
F 7	21 13	12 55	1 26	18 45	1 14	17 10	6 21	21 10	1 4	1 56	1 26	14 28	1 31	23 34	0 9	19 31	1 35	21 20	14 47	5 26	5 39	5 22	17 27	3 5
S 8	21 2	17 49	2 24	18 10	1 5	17 9	6 22	20 59	1 4	1 56	1 26	14 26	1 31	23 34	0 9	19 31	1 35	21 19	14 47	5 26	5 38	5 25	17 28	3 5
S 9	20 50	22 5	3 17	17 35	0 55	17 8	6 22	20 49	1 5	1 57	1 26	14 23	1 31	23 34	0 9	19 32	1 35	21 19	14 47	5 25	5 36	5 28	17 29	3 6
M10	20 38	25 28	4 2	16 59	0 44	17 9	6 22	20 38	1 5	1 57	1 27	14 21	1 31	23 34	0 9	19 32	1 35	21 18	14 47	5 23	5 35	5 32	17 29	3 6
T 11	20 26	27 41	4 36	16 23	0 32	17 9	6 22	20 27	1 5	1 57	1 27	14 19	1 31	23 34	0 9	19 32	1 35	21 17	14 47	5 19	5 34	5 35	17 30	3 7
W12	20 13	28 27	4 56	15 47	0 20	17 10	6 21	20 16	1 5	1 57	1 27	14 16	1 31	23 34	0 9	19 32	1 35	21 17	14 46	5 15	5 33	5 39	17 30	3 7
T 13	20 0	27 33	5 1	15 12	0 6	17 11	6 20	20 4	1 5	1 57	1 28	14 14	1 31	23 34	0 9	19 32	1 35	21 16	14 46	5 11	5 31	5 42	17 31	3 8
F 14	19 46	24 58	4 49	14 37	0n 8	17 13	6 18	19 53	1 5	1 57	1 28	14 12	1 31	23 35	0 9	19 33	1 35	21 15	14 46	5 6	5 30	5 45	17 32	3 8
S 15	19 32	20 49	4 18	14 3	0 23	17 15	6 16	19 41	1 5	1 56	1 28	14 9	1 31	23 35	0 9	19 33	1 35	21 15	14 46	5 1	5 29	5 49	17 32	3 9
S 16	19 18	15 26	3 32	13 31	0 39	17 18	6 14	19 29	1 5	1 56	1 28	14 7	1 31	23 35	0 9	19 33	1 35	21 14	14 46	4 58	5 28	5 52	17 33	3 9
M17	19 3	9 9	2 31	13 1	0 55	17 21	6 11	19 16	1 5	1 56	1 29	14 4	1 31	23 35	0 9	19 33	1 35	21 13	14 45	4 56	5 27	5 56	17 33	3 10
T 18	18 48	2 24	1 21	12 34	1 12	17 24	6 8	19 4	1 5	1 55	1 29	14 2	1 31	23 35	0 9	19 34	1 35	21 13	14 45	4 54	5 25	5 59	17 33	3 10
W19	18 33	4n26	0 5	12 9	1 29	17 27	6 5	18 51	1 5	1 55	1 29	13 59	1 31	23 35	0 9	19 34	1 35	21 12	14 45	4 54	5 24	6 2	17 34	3 11
T 20	18 18	11 1	1n10	11 48	1 46	17 31	6 1	18 38	1 5	1 54	1 29	13 57	1 31	23 35	0 9	19 34	1 35	21 11	14 45	4 54	5 23	6 6	17 34	3 11
F 21	18 2	16 59	2 20	11 30	2 3	17 34	5 57	18 25	1 5	1 53	1 30	13 55	1 31	23 36	0 10	19 34	1 35	21 11	14 45	4 54	5 22	6 9	17 35	3 12
S 22	17 45	21 59	3 21	11 16	2 19	17 38	5 53	18 12	1 5	1 53	1 30	13 52	1 31	23 36	0 10	19 34	1 35	21 10	14 45	4 54	5 20	6 13	17 35	3 12
S 23	17 29	25 44	4 10	11 7	2 35	17 42	5 49	17 58	1 5	1 52	1 30	13 50	1 31	23 36	0 10	19 34	1 35	21 9	14 44	4 53	5 19	6 16	17 35	3 13
M24	17 12	27 57	4 44	11 1	2 50	17 46	5 45	17 44	1 5	1 51	1 30	13 47	1 31	23 36	0 10	19 35	1 35	21 9	14 44	4 51	5 18	6 19	17 36	3 13
T 25	16 55	28 29	5 2	11 0	3 4	17 50	5 40	17 30	1 5	1 50	1 31	13 45	1 31	23 36	0 10	19 35	1 35	21 8	14 44	4 47	5 17	6 23	17 36	3 14
W26	16 37	27 22	5 3	11 4	3 16	17 54	5 35	17 16	1 5	1 49	1 31	13 42	1 31	23 36	0 10	19 35	1 35	21 7	14 44	4 44	5 15	6 26	17 36	3 14
T 27	16 19	24 45	4 48	11 11	3 26	17 58	5 30	17 2	1 5	1 48	1 31	13 40	1 31	23 36	0 10	19 35	1 36	21 7	14 44	4 40	5 14	6 29	17 36	3 15
F 28	16 1	20 57	4 19	11 22	3 34	18 2	5 25	16 48	1 5	1 47	1 32	13 37	1 31	23 36	0 10	19 35	1 36	21 6	14 44	4 35	5 13	6 33	17 37	3 15
S 29	15 43	16 16	3 38	11 36	3 40	18 6	5 20	16 33	1 5	1 45	1 32	13 35	1 31	23 36	0 10	19 35	1 36	21 5	14 44	4 32	5 12	6 36	17 37	3 16
S 30	15 24	10 59	2 46	11 53	3 44	18 10	5 15	16 18	1 5	1 44	1 32	13 32	1 31	23 37	0 10	19 35	1 36	21 4	14 44	4 29	5 10	6 40	17 37	3 16
M31	15s 6	5n23	1n48	12s12	3n45	18s13	5n 9	16s 3	1s 5	1s43	1n32	13s30	1s31	23s37	0s10	19s36	1n36	21s 4	14s43	4n27	5n 9	6s43	17s37	3n17

Julian Day Number = 2202092.5, Delta T = 09m58s
Ecliptic obliquity = 23°31'49, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°12'52, Lahiri = 14°19'52 Julian Calendar 1 Jan. 1317 == Greg. Calendar 9 Jan. 1317

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ASTRODIENST EPHEMERIS for the year 1317
geocentric

FEBRUARY 1317 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 15 21	20♒17'47	2♎37	15°R54	7♉13	20♒16	7°R47	28♒32	25♐26	4♐44	10♓55	11°R11	12♈57	16♎26	3♐ 3	T 1
W 2	9 19 18	21°18'14	14°28	14♒49	7°55	21° 4	7♎44	28°40	25°29	4°45	10°57	11°D10	12°54	16°32	3° 7	W 2
T 3	9 23 14	22°18'40	26°15	13°48	8°39	21°51	7°41	28°47	25°31	4°46	10°58	11♈11	12°50	16°39	3°10	T 3
F 4	9 27 11	23°19'05	8♏ 4	12°51	9°23	22°39	7°37	28°54	25°34	4°47	11° 0	11°12	12°47	16°46	3°13	F 4
S 5	9 31 7	24°19'28	19°58	12° 1	10° 9	23°26	7°33	29° 2	25°36	4°47	11° 1	11°R13	12°44	16°52	3°16	S 5
S 6	9 35 4	25°19'50	2♐ 5	11°17	10°55	24°13	7°29	29° 9	25°38	4°48	11° 3	11°13	12°41	16°59	3°19	S 6
M 7	9 39 0	26°20'10	14°28	10°40	11°43	25° 1	7°25	29°16	25°40	4°49	11° 4	11°11	12°38	17° 6	3°22	M 7
T 8	9 42 57	27°20'29	27°12	10°10	12°31	25°48	7°21	29°24	25°42	4°49	11° 6	11° 8	12°35	17°12	3°25	T 8
W 9	9 46 54	28°20'47	10♑21	9°47	13°20	26°35	7°16	29°31	25°45	4°50	11° 7	11° 2	12°31	17°19	3°28	W 9
T 10	9 50 50	29°21'03	23°56	9°32	14° 9	27°23	7°11	29°38	25°47	4°51	11° 9	10°56	12°28	17°26	3°30	T 10
F 11	9 54 47	0♓21'17	7♒57	9°23	15° 0	28°10	7° 7	29°46	25°49	4°51	11°10	10°49	12°25	17°32	3°33	F 11
S 12	9 58 43	1°21'29	22°20	9°D21	15°51	28°57	7° 2	29°53	25°51	4°52	11°12	10°42	12°22	17°39	3°35	S 12
S 13	10 2 40	2°21'40	6♓59	9°26	16°43	29°45	6°56	0♓ 0	25°53	4°52	11°14	10°37	12°19	17°45	3°38	S 13
M14	10 6 36	3°21'49	21°47	9°37	17°35	0♓32	6°51	0° 8	25°55	4°53	11°15	10°34	12°16	17°52	3°40	M14
T 15	10 10 33	4°21'55	6♈37	9°54	18°29	1°19	6°46	0°15	25°56	4°53	11°17	10°D33	12°12	17°59	3°42	T 15
W16	10 14 29	5°22'00	21°22	10°16	19°22	2° 6	6°40	0°22	25°58	4°53	11°18	10°33	12° 9	18° 5	3°44	W16
T 17	10 18 26	6°22'03	5♉54	10°43	20°17	2°54	6°34	0°30	26° 0	4°54	11°20	10°34	12° 6	18°12	3°46	T 17
F 18	10 22 23	7°22'03	20°12	11°14	21°12	3°41	6°29	0°37	26° 2	4°54	11°21	10°36	12° 3	18°19	3°48	F 18
S 19	10 26 19	8°22'01	4♊13	11°51	22° 7	4°28	6°23	0°44	26° 3	4°54	11°23	10°R37	12° 0	18°25	3°50	S 19
S 20	10 30 16	9°21'57	17°55	12°31	23° 3	5°15	6°16	0°52	26° 5	4°55	11°24	10°37	11°56	18°32	3°51	S 20
M21	10 34 12	10°21'51	1♋21	13°15	24° 0	6° 2	6°10	0°59	26° 7	4°55	11°26	10°35	11°53	18°39	3°53	M21
T 22	10 38 9	11°21'42	14°31	14° 3	24°57	6°50	6° 4	1° 6	26° 8	4°55	11°28	10°32	11°50	18°45	3°54	T 22
W23	10 42 5	12°21'32	27°27	14°54	25°54	7°37	5°57	1°14	26°10	4°55	11°29	10°28	11°47	18°52	3°56	W23
T 24	10 46 2	13°21'19	10♌ 8	15°48	26°52	8°24	5°51	1°21	26°11	4°55	11°31	10°23	11°44	18°59	3°57	T 24
F 25	10 49 59	14°21'03	22°38	16°46	27°50	9°11	5°44	1°28	26°13	4°55	11°32	10°19	11°41	19° 5	3°58	F 25
S 26	10 53 55	15°20'46	4♍56	17°46	28°49	9°58	5°37	1°35	26°14	4°55	11°34	10°15	11°37	19°12	3°59	S 26
S 27	10 57 52	16°20'26	17° 4	18°48	29°48	10°45	5°31	1°43	26°15	4°R56	11°35	10°12	11°34	19°19	4° 0	S 27
M28	11 1 48	17♓20'05	29♍ 4	19♒53	0♒48	11♓32	5♎24	1♓50	26♐16	4♐55	11♓37	10♈10	11♈31	19♎25	4♐ 1	M28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	14s47	0s21	0n46	12s33	3n45	18s17	5n 4	15s48	1s 5	1s41	1n33	13s27	1s31	23s37	0s10	19s36	1n36	21s 3	14s43	4n26	5n 8	6s46	17s37	3n17
W 2	14 27	6 0	0s18	12 55	3 41	18 20	4 58	15 33	1 4	1 40	1 33	13 25	1 31	23 37	0 10	19 36	1 36	21 2	14 43	4 26	5 7	6 50	17 37	3 18
T 3	14 8	11 25	1 21	13 18	3 36	18 23	4 52	15 17	1 4	1 38	1 33	13 22	1 31	23 37	0 10	19 36	1 36	21 2	14 43	4 26	5 5	6 53	17 38	3 18
F 4	13 48	16 27	2 20	13 40	3 29	18 26	4 46	15 2	1 4	1 36	1 33	13 20	1 31	23 37	0 10	19 36	1 36	21 1	14 43	4 27	5 4	6 56	17 38	3 19
S 5	13 28	20 55	3 14	14 2	3 21	18 29	4 41	14 46	1 4	1 35	1 33	13 17	1 31	23 37	0 10	19 36	1 36	21 1	14 43	4 27	5 3	7 0	17 38	3 19
S 6	13 8	24 35	4 1	14 24	3 11	18 31	4 35	14 30	1 4	1 33	1 34	13 15	1 31	23 37	0 10	19 36	1 36	21 0	14 43	4 27	5 2	7 3	17 38	3 20
M 7	12 47	27 12	4 37	14 44	3 0	18 33	4 29	14 14	1 4	1 31	1 34	13 12	1 32	23 37	0 10	19 36	1 36	20 59	14 43	4 27	5 0	7 7	17 38	3 21
T 8	12 26	28 31	5 1	15 4	2 48	18 35	4 22	13 58	1 4	1 29	1 34	13 9	1 32	23 37	0 10	19 36	1 36	20 59	14 43	4 25	4 59	7 10	17 38	3 21
W 9	12 6	28 16	5 10	15 22	2 36	18 37	4 16	13 42	1 4	1 27	1 34	13 7	1 32	23 37	0 10	19 36	1 36	20 58	14 43	4 23	4 58	7 13	17 38	3 22
T 10	11 45	26 21	5 2	15 38	2 23	18 38	4 10	13 25	1 4	1 25	1 35	13 4	1 32	23 38	0 10	19 36	1 36	20 57	14 43	4 20	4 57	7 17	17 38	3 22
F 11	11 23	22 47	4 36	15 53	2 10	18 39	4 4	13 9	1 3	1 23	1 35	13 2	1 32	23 38	0 10	19 37	1 36	20 57	14 43	4 18	4 55	7 20	17 38	3 23
S 12	11 2	17 47	3 52	16 7	1 56	18 39	3 58	12 52	1 3	1 21	1 35	12 59	1 32	23 38	0 10	19 37	1 36	20 56	14 43	4 15	4 54	7 23	17 37	3 23
S 13	10 40	11 39	2 53	16 18	1 43	18 39	3 51	12 35	1 3	1 19	1 35	12 57	1 32	23 38	0 10	19 37	1 36	20 55	14 43	4 13	4 53	7 27	17 37	3 24
M14	10 19	4 48	1 40	16 28	1 29	18 39	3 45	12 18	1 3	1 16	1 35	12 54	1 32	23 38	0 10	19 37	1 36	20 55	14 43	4 12	4 52	7 30	17 37	3 24
T 15	9 57	2n19	0 21	16 37	1 16	18 38	3 39	12 1	1 3	1 14	1 36	12 52	1 32	23 38	0 10	19 37	1 36	20 54	14 43	4 11	4 51	7 34	17 37	3 25
W16	9 35	9 16	0n59	16 44	1 3	18 37	3 33	11 44	1 3	1 12	1 36	12 49	1 32	23 38	0 10	19 37	1 36	20 53	14 43	4 12	4 49	7 37	17 37	3 26
T 17	9 13	15 39	2 14	16 49	0 50	18 36	3 26	11 27	1 2	1 9	1 36	12 46	1 32	23 38	0 10	19 37	1 37	20 53	14 43	4 12	4 48	7 40	17 37	3 26
F 18	8 50	21 4	3 20	16 52	0 38	18 34	3 20	11 10	1 2	1 7	1 36	12 44	1 32	23 38	0 10	19 37	1 37	20 52	14 43	4 13	4 47	7 44	17 36	3 27
S 19	8 28	25 12	4 12	16 54	0 25	18 31	3 14	10 52	1 2	1 4	1 36	12 41	1 32	23 38	0 10	19 37	1 37	20 52	14 43	4 13	4 46	7 47	17 36	3 27
S 20	8 5	27 47	4 49	16 54	0 14	18 28	3 7	10 35	1 2	1 2	1 36	12 39	1 32	23 38	0 10	19 37	1 37	20 51	14 43	4 13	4 44	7 50	17 36	3 28
M21	7 43	28 40	5 9	16 52	0 2	18 25	3 1	10 17	1 1	0 59	1 37	12 36	1 32	23 38	0 10	19 37	1 37	20 50	14 43	4 12	4 43	7 54	17 36	3 28
T 22	7 20	27 55	5 12	16 49	0s 9	18 22	2 55	9 59	1 1	0 56	1 37	12 34	1 33	23 38	0 10	19 37	1 37	20 50	14 43	4 11	4 42	7 57	17 35	3 29
W23	6 57	25 39	5 0	16 44	0 20	18 17	2 48	9 41	1 1	0 54	1 37	12 31	1 33	23 39	0 10	19 37	1 37	20 49	14 43	4 9	4 41	8 0	17 35	3 30
T 24	6 34	22 8	4 32	16 38	0 30	18 13	2 42	9 24	1 1	0 51	1 37	12 29	1 33	23 39	0 10	19 37	1 37	20 49	14 43	4 8	4 39	8 4	17 35	3 30
F 25	6 11	17 41	3 52	16 30	0 40	18 8	2 36	9 6	1 1	0 48	1 37	12 26	1 33	23 39	0 10	19 37	1 37	20 48	14 43	4 6	4 38	8 7	17 34	3 31
S 26	5 48	12 33	3 2	16 21	0 49	18 2	2 30	8 48	1 0	0 45	1 37	12 24	1 33	23 39	0 10	19 37	1 37	20 47	14 43	4 4	4 37	8 10	17 34	3 31
S 27	5 25	7 2	2 4	16 10	0 58	17 56	2 23	8 29	1 0	0 42	1 37	12 21	1 33	23 39	0 10	19 37	1 37	20 47	14 43	4 3	4 36	8 14	17 33	3 32
M28	5s 1	1n18	1n 1	15s58	1s 7	17s49	2n17	8s11	1s 0	0s40	1n38	12s19	1s33	23s39	0s10	19s36	1n37	20s46	14s43	4n 3	4n34	8s17	17s33	3n32

Julian Day Number = 2202123.5, Delta T = 09m58s
Ecliptic obliquity = 23°31'50, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°12'56, Lahiri = 14°19'56 Julian Calendar 1 Feb. 1317 == Greg. Calendar 9 Feb. 1317

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ASTRODIENST EPHEMERIS for the year 1317
geocentric

MARCH 1317 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	11 5 45	18♓19'41	10♎57	21♒ 1	1♒48	12♓19	5°R17	1♓57	26♐18	4°R55	11♓39	10°D10	11♈28	19♎32	4♐ 1	T 1
W 2	11 9 41	19°19'16	22°46	22°10	2°48	13° 6	5♎ 9	2° 4	26°19	4♐55	11°40	10♈10	11°25	19°38	4° 2	W 2
T 3	11 13 38	20°18'49	4♏33	23°22	3°49	13°53	5° 2	2°11	26°20	4°55	11°42	10°12	11°22	19°45	4° 2	T 3
F 4	11 17 34	21°18'20	16°22	24°36	4°50	14°39	4°55	2°18	26°21	4°55	11°43	10°13	11°18	19°52	4° 3	F 4
S 5	11 21 31	22°17'49	28°18	25°51	5°51	15°26	4°48	2°25	26°22	4°55	11°45	10°15	11°15	19°58	4° 3	S 5
S 6	11 25 27	23°17'16	10♐24	27° 9	6°53	16°13	4°40	2°33	26°23	4°55	11°46	10°16	11°12	20° 5	4° 3	S 6
M 7	11 29 24	24°16'41	22°45	28°28	7°55	17° 0	4°33	2°40	26°24	4°54	11°48	10°R16	11° 9	20°12	4°R 3	M 7
T 8	11 33 21	25°16'05	5♑25	29°49	8°57	17°47	4°25	2°47	26°24	4°54	11°49	10°16	11° 6	20°18	4° 3	T 8
W 9	11 37 17	26°15'27	18°29	1♓12	10° 0	18°33	4°18	2°54	26°25	4°54	11°51	10°15	11° 2	20°25	4° 3	W 9
T 10	11 41 14	27°14'47	1♒59	2°36	11° 2	19°20	4°10	3° 1	26°26	4°54	11°52	10°14	10°59	20°32	4° 3	T 10
F 11	11 45 10	28°14'05	15°57	4° 2	12° 6	20° 7	4° 2	3° 7	26°27	4°53	11°54	10°12	10°56	20°38	4° 3	F 11
S 12	11 49 7	29°13'22	0♓20	5°30	13° 9	20°53	3°55	3°14	26°27	4°53	11°55	10°11	10°53	20°45	4° 2	S 12
S 13	11 53 3	0♈12'36	15° 5	6°59	14°13	21°40	3°47	3°21	26°28	4°52	11°57	10°10	10°50	20°52	4° 2	S 13
M14	11 57 0	1°11'48	0♈ 6	8°30	15°16	22°27	3°39	3°28	26°28	4°52	11°58	10° 9	10°47	20°58	4° 1	M14
T 15	12 0 56	2°10'59	15°13	10° 2	16°20	23°13	3°32	3°35	26°29	4°51	12° 0	10°D 9	10°43	21° 5	4° 1	T 15
W16	12 4 53	3°10'07	0♉19	11°35	17°25	24° 0	3°24	3°42	26°29	4°51	12° 1	10° 9	10°40	21°12	4° 0	W16
T 17	12 8 50	4° 9'13	15°13	13°11	18°29	24°46	3°16	3°48	26°30	4°50	12° 3	10°10	10°37	21°18	3°59	T 17
F 18	12 12 46	5° 8'17	29°50	14°47	19°34	25°33	3° 8	3°55	26°30	4°50	12° 4	10°10	10°34	21°25	3°58	F 18
S 19	12 16 43	6° 7'18	14♊ 5	16°25	20°39	26°19	3° 1	4° 2	26°30	4°49	12° 6	10°11	10°31	21°31	3°57	S 19
S 20	12 20 39	7° 6'17	27°56	18° 5	21°44	27° 5	2°53	4° 8	26°30	4°48	12° 7	10°11	10°27	21°38	3°56	S 20
M21	12 24 36	8° 5'14	11♋23	19°46	22°49	27°52	2°45	4°15	26°31	4°48	12° 9	10°R11	10°24	21°45	3°54	M21
T 22	12 28 32	9° 4'09	24°27	21°28	23°55	28°38	2°38	4°21	26°31	4°47	12°10	10°11	10°21	21°51	3°53	T 22
W23	12 32 29	10° 3'01	7♌12	23°12	25° 1	29°24	2°30	4°28	26°31	4°46	12°12	10°D11	10°18	21°58	3°51	W23
T 24	12 36 25	11° 1'50	19°41	24°58	26° 6	0♈10	2°22	4°34	26°R31	4°46	12°13	10°11	10°15	22° 5	3°50	T 24
F 25	12 40 22	12° 0'38	1♍56	26°45	27°12	0°56	2°15	4°41	26°31	4°45	12°14	10°11	10°12	22°11	3°48	F 25
S 26	12 44 19	12°59'23	14° 1	28°33	28°18	1°43	2° 7	4°47	26°31	4°44	12°16	10°11	10° 8	22°18	3°46	S 26
S 27	12 48 15	13°58'06	25°58	0♈24	29°25	2°29	2° 0	4°53	26°31	4°43	12°17	10°11	10° 5	22°25	3°44	S 27
M28	12 52 12	14°56'47	7♎49	2°15	0♓31	3°15	1°53	4°59	26°30	4°42	12°19	10°R12	10° 2	22°31	3°43	M28
T 29	12 56 8	15°55'26	19°38	4° 8	1°38	4° 1	1°45	5° 6	26°30	4°41	12°20	10°12	9°59	22°38	3°41	T 29
W30	13 0 5	16°54'03	1♏26	6° 3	2°45	4°47	1°38	5°12	26°30	4°40	12°21	10°11	9°56	22°45	3°38	W30
T 31	13 4 1	17♈52'38	13♏16	7♈59	3♓52	5♈32	1♎31	5♓18	26♐29	4♐39	12♓23	10♈10	9♈53	22♎51	3♐36	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	4s38	4s25	0s 4	15s44	1s15	17s42	2n11	7s53	1s 0	0s37	1n38	12s16	1s33	23s39	0s10	19s36	1n37	20s46	14s43	4n 2	4n33	8s20	17s33	3n33
W 2	4 15	9 57	1 9	15 29	1 23	17 35	2 5	7 35	0 59	0 34	1 38	12 14	1 33	23 39	0 10	19 36	1 37	20 45	14 43	4 3	4 32	8 24	17 32	3 34
T 3	3 51	15 8	2 11	15 12	1 30	17 27	1 59	7 16	0 59	0 31	1 38	12 11	1 33	23 39	0 10	19 36	1 37	20 45	14 43	4 3	4 31	8 27	17 32	3 34
F 4	3 28	19 47	3 7	14 54	1 37	17 18	1 53	6 58	0 59	0 28	1 38	12 9	1 33	23 39	0 10	19 36	1 37	20 44	14 43	4 4	4 29	8 30	17 31	3 35
S 5	3 4	23 41	3 56	14 34	1 43	17 9	1 47	6 39	0 58	0 25	1 38	12 6	1 34	23 39	0 10	19 36	1 37	20 44	14 43	4 4	4 28	8 34	17 31	3 35
S 6	2 40	26 37	4 35	14 13	1 49	17 0	1 41	6 21	0 58	0 22	1 38	12 4	1 34	23 39	0 10	19 36	1 37	20 43	14 43	4 5	4 27	8 37	17 30	3 36
M 7	2 17	28 22	5 2	13 50	1 55	16 50	1 35	6 2	0 58	0 19	1 38	12 1	1 34	23 39	0 10	19 36	1 37	20 42	14 43	4 5	4 26	8 40	17 30	3 36
T 8	1 53	28 40	5 16	13 26	2 0	16 39	1 29	5 44	0 57	0 16	1 38	11 59	1 34	23 39	0 10	19 36	1 37	20 42	14 43	4 5	4 24	8 44	17 29	3 37
W 9	1 30	27 25	5 13	13 1	2 4	16 28	1 24	5 25	0 57	0 13	1 38	11 56	1 34	23 39	0 10	19 36	1 38	20 41	14 43	4 4	4 23	8 47	17 28	3 38
T 10	1 6	24 34	4 54	12 35	2 8	16 17	1 18	5 6	0 57	0 10	1 38	11 54	1 34	23 39	0 10	19 36	1 38	20 41	14 44	4 4	4 22	8 50	17 28	3 38
F 11	0 42	20 13	4 17	12 7	2 12	16 5	1 12	4 48	0 56	0 6	1 38	11 52	1 34	23 39	0 10	19 36	1 38	20 40	14 44	4 3	4 21	8 54	17 27	3 39
S 12	0 19	14 34	3 23	11 37	2 15	15 52	1 7	4 29	0 56	0 3	1 38	11 49	1 34	23 39	0 10	19 35	1 38	20 40	14 44	4 3	4 19	8 57	17 27	3 39
S 13	0n 5	7 58	2 15	11 6	2 18	15 39	1 1	4 10	0 56	0 0	1 39	11 47	1 34	23 39	0 10	19 35	1 38	20 40	14 44	4 2	4 18	9 0	17 26	3 40
M14	0 29	0 49	0 56	10 34	2 20	15 26	0 56	3 51	0 55	0n 3	1 39	11 44	1 35	23 39	0 10	19 35	1 38	20 39	14 44	4 2	4 17	9 4	17 25	3 40
T 15	0 52	6n27	0n28	10 1	2 22	15 12	0 50	3 33	0 55	0 6	1 39	11 42	1 35	23 39	0 10	19 35	1 38	20 39	14 44	4 2	4 16	9 7	17 25	3 41
W16	1 16	13 20	1 50	9 27	2 23	14 58	0 45	3 14	0 55	0 9	1 39	11 40	1 35	23 39	0 10	19 35	1 38	20 38	14 44	4 2	4 14	9 10	17 24	3 42
T 17	1 39	19 22	3 3	8 51	2 24	14 43	0 39	2 55	0 54	0 12	1 39	11 37	1 35	23 39	0 10	19 35	1 38	20 38	14 44	4 2	4 13	9 14	17 23	3 42
F 18	2 3	24 8	4 2	8 13	2 24	14 28	0 34	2 36	0 54	0 15	1 39	11 35	1 35	23 39	0 10	19 35	1 38	20 37	14 45	4 3	4 12	9 17	17 22	3 43
S 19	2 26	27 18	4 46	7 35	2 24	14 12	0 29	2 17	0 54	0 18	1 39	11 33	1 35	23 40	0 10	19 34	1 38	20 37	14 45	4 3	4 11	9 20	17 22	3 43
S 20	2 50	28 41	5 11	6 55	2 23	13 56	0 24	1 59	0 53	0 21	1 39	11 31	1 35	23 40	0 10	19 34	1 38	20 36	14 45	4 3	4 9	9 23	17 21	3 44
M21	3 13	28 19	5 18	6 14	2 22	13 40	0 19	1 40	0 53	0 24	1 39	11 28	1 35	23 40	0 11	19 34	1 38	20 36	14 45	4 3	4 8	9 27	17 20	3 44
T 22	3 36	26 22	5 8	5 32	2 20	13 23	0 14	1 21	0 52	0 27	1 39	11 26	1 36	23 40	0 11	19 34	1 38	20 36	14 45	4 3	4 7	9 30	17 19	3 45
W23	4 0	23 6	4 43	4 49	2 18	13 5	0 9	1 2	0 52	0 30	1 38	11 24	1 36	23 40	0 11	19 34	1 38	20 35	14 45	4 3	4 6	9 33	17 18	3 46
T 24	4 23	18 51	4 5	4 5	2 15	12 48	0 4	0 43	0 52	0 33	1 38	11 21	1 36	23 40	0 11	19 34	1 38	20 35	14 46	4 3	4 4	9 37	17 18	3 46
F 25	4 46	13 53	3 17	3 19	2 12	12 29	0s 0	0 24	0 51	0 36	1 38	11 19	1 36	23 40	0 11	19 33	1 38	20 34	14 46	4 3	4 3	9 40	17 17	3 47
S 26	5 9	8 28	2 20	2 32	2 8	12 11	0 5	0 6	0 51	0 39	1 38	11 17	1 36	23 40	0 11	19 33	1 38	20 34	14 46	4 3	4 2	9 43	17 16	3 47
S 27	5 32	2 49	1 18	1 44	2 4	11 52	0 9	0n13	0 50	0 42	1 38	11 15	1 36	23 40	0 11	19 33	1 38	20 34	14 46	4 3	4 1	9 47	17 15	3 48
M28	5 55	2s55	0 13	0 56	1 59	11 33	0 14	0 32	0 50	0 45	1 38	11 13	1 36	23 40	0 11	19 33	1 38	20 33	14 46	4 3	3 59	9 50	17 14	3 48
T 29	6 17	8 31	0s52	0 6	1 54	11 13	0 18	0 51	0 50	0 48	1 38	11 11	1 37	23 40	0 11	19 33	1 38	20 33	14 47	4 3	3 58	9 53	17 13	3 49
W30	6 40	13 49	1 55	0n45	1 48	10 53	0 22	1 9	0 49	0 51	1 38	11 9	1 37	23 40	0 11	19 32	1 38	20 33	14 47	4 3	3 57	9 56	17 12	3 49
T 31	7n 2	18s38	2s53	1n37	1s42	10s33	0s27	1n28	0s49	0n54	1n38	11s 6	1s37	23s40	0s11	19s32	1n38	20s32	14s47	4n 3	3n56	10s 0	17s11	3n50

Julian Day Number = 2202151.5, Delta T = 09m58s
Ecliptic obliquity = 23°31'50, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°13'00, Lahiri = 14°20'00 Julian Calendar 1 March 1317 == Greg. Calendar 9 March 1317

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ASTRODIENST EPHEMERIS for the year 1317
geocentric

APRIL 1317 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	13 7 58	18♈51'12	25♏ 9	9♈57	4♓59	6♈18	1°R24	5♓24	26°R29	4°R38	12♓24	10°R 9	9♈49	22♎58	3°R34	F 1
S 2	13 11 54	19°49'43	7♐ 9	11°56	6° 6	7° 4	1♎17	5°30	26♐29	4♐37	12°25	10♈ 8	9°46	23° 5	3♐32	S 2
S 3	13 15 51	20°48'13	19°19	13°57	7°13	7°50	1°10	5°36	26°28	4°36	12°26	10° 7	9°43	23°11	3°29	S 3
M 4	13 19 48	21°46'42	1♑42	15°59	8°21	8°36	1° 3	5°42	26°28	4°35	12°28	10° 5	9°40	23°18	3°27	M 4
T 5	13 23 44	22°45'08	14°21	18° 3	9°28	9°21	0°56	5°47	26°27	4°34	12°29	10° 5	9°37	23°24	3°24	T 5
W 6	13 27 41	23°43'33	27°20	20° 8	10°36	10° 7	0°49	5°53	26°26	4°33	12°30	10°D 5	9°33	23°31	3°21	W 6
T 7	13 31 37	24°41'57	10♒42	22°14	11°44	10°53	0°43	5°59	26°26	4°32	12°31	10° 5	9°30	23°38	3°19	T 7
F 8	13 35 34	25°40'18	24°30	24°21	12°52	11°38	0°36	6° 5	26°25	4°31	12°33	10° 6	9°27	23°44	3°16	F 8
S 9	13 39 30	26°38'38	8♓43	26°29	14° 0	12°24	0°30	6°10	26°24	4°30	12°34	10° 7	9°24	23°51	3°13	S 9
S 10	13 43 27	27°36'57	23°19	28°37	15° 8	13° 9	0°24	6°16	26°23	4°28	12°35	10° 8	9°21	23°58	3°10	S 10
M11	13 47 23	28°35'14	8♈16	0♉46	16°16	13°54	0°18	6°21	26°22	4°27	12°36	10°R 9	9°18	24° 4	3° 7	M11
T 12	13 51 20	29°33'29	23°24	2°55	17°25	14°40	0°12	6°27	26°21	4°26	12°37	10° 8	9°14	24°11	3° 4	T 12
W13	13 55 16	0♉31'42	8♉37	5° 4	18°33	15°25	0° 6	6°32	26°20	4°25	12°39	10° 7	9°11	24°18	3° 0	W13
T 14	13 59 13	1°29'54	23°43	7°13	19°42	16°10	0° 0	6°37	26°19	4°23	12°40	10° 5	9° 8	24°24	2°57	T 14
F 15	14 3 10	2°28'04	8♊34	9°22	20°50	16°56	29♍54	6°42	26°18	4°22	12°41	10° 2	9° 5	24°31	2°54	F 15
S 16	14 7 6	3°26'12	23° 3	11°29	21°59	17°41	29°49	6°48	26°17	4°21	12°42	9°59	9° 2	24°38	2°50	S 16
S 17	14 11 3	4°24'18	7♋ 5	13°35	23° 8	18°26	29°44	6°53	26°16	4°20	12°43	9°56	8°59	24°44	2°47	S 17
M18	14 14 59	5°22'22	20°39	15°40	24°17	19°11	29°39	6°58	26°15	4°18	12°44	9°54	8°55	24°51	2°44	M18
T 19	14 18 56	6°20'24	3♌47	17°43	25°26	19°56	29°33	7° 3	26°14	4°17	12°45	9°D53	8°52	24°58	2°40	T 19
W20	14 22 52	7°18'24	16°31	19°44	26°35	20°41	29°29	7° 7	26°12	4°15	12°46	9°54	8°49	25° 4	2°36	W20
T 21	14 26 49	8°16'23	28°55	21°43	27°44	21°26	29°24	7°12	26°11	4°14	12°47	9°55	8°46	25°11	2°33	T 21
F 22	14 30 46	9°14'19	11♍ 3	23°39	28°53	22°11	29°19	7°17	26°10	4°13	12°48	9°57	8°43	25°18	2°29	F 22
S 23	14 34 42	10°12'13	23° 0	25°32	0♈ 2	22°56	29°15	7°21	26° 8	4°11	12°49	9°58	8°39	25°24	2°25	S 23
S 24	14 38 39	11°10'06	4♎51	27°23	1°12	23°40	29°11	7°26	26° 7	4°10	12°50	9°R59	8°36	25°31	2°21	S 24
M25	14 42 35	12° 7'57	16°39	29°11	2°21	24°25	29° 7	7°31	26° 5	4° 8	12°51	9°59	8°33	25°37	2°18	M25
T 26	14 46 32	13° 5'46	28°26	0♊55	3°31	25°10	29° 3	7°35	26° 4	4° 7	12°52	9°58	8°30	25°44	2°14	T 26
W27	14 50 28	14° 3'34	10♏16	2°37	4°40	25°54	28°59	7°39	26° 2	4° 5	12°53	9°54	8°27	25°51	2°10	W27
T 28	14 54 25	15° 1'20	22°11	4°15	5°50	26°39	28°55	7°44	26° 1	4° 4	12°53	9°50	8°24	25°57	2° 6	T 28
F 29	14 58 21	15°59'05	4♐13	5°49	6°59	27°23	28°52	7°48	25°59	4° 2	12°54	9°44	8°20	26° 4	2° 2	F 29
S 30	15 2 18	16♉56'49	16♐22	7♊21	8♈ 9	28♈ 8	28♍49	7♓52	25♐57	4♐ 1	12♓55	9♈37	8♈17	26♎11	1♐58	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	7n25	22s45	3s44	2n30	1s35	10s12	0s31	1n47	0s48	0n56	1n38	11s 4	1s37	23s40	0s11	19s32	1n38	20s32	14s47	4n 2	3n54	10s 3	17s11	3n50
S 2	7 47	25 57	4 26	3 23	1 28	9 51	0 35	2 5	0 48	0 59	1 38	11 2	1 37	23 40	0 11	19 32	1 39	20 32	14 47	4 2	3 53	10 6	17 10	3 51
S 3	8 9	28 1	4 56	4 18	1 20	9 29	0 39	2 24	0 47	1 2	1 38	11 0	1 37	23 40	0 11	19 32	1 39	20 31	14 48	4 1	3 52	10 10	17 9	3 51
M 4	8 31	28 45	5 13	5 12	1 12	9 8	0 42	2 42	0 47	1 4	1 38	10 58	1 38	23 40	0 11	19 31	1 39	20 31	14 48	4 1	3 51	10 13	17 8	3 52
T 5	8 53	27 59	5 16	6 8	1 3	8 46	0 46	3 1	0 46	1 7	1 37	10 56	1 38	23 40	0 11	19 31	1 39	20 31	14 48	4 0	3 49	10 16	17 7	3 52
W 6	9 15	25 43	5 3	7 3	0 54	8 23	0 50	3 19	0 46	1 9	1 37	10 54	1 38	23 40	0 11	19 31	1 39	20 31	14 48	4 0	3 48	10 19	17 6	3 53
T 7	9 36	21 59	4 33	7 59	0 45	8 1	0 53	3 37	0 45	1 12	1 37	10 52	1 38	23 40	0 11	19 31	1 39	20 30	14 49	4 1	3 47	10 23	17 5	3 53
F 8	9 58	16 58	3 47	8 56	0 35	7 38	0 57	3 56	0 45	1 14	1 37	10 50	1 38	23 40	0 11	19 30	1 39	20 30	14 49	4 1	3 46	10 26	17 4	3 54
S 9	10 19	10 53	2 45	9 52	0 25	7 15	1 0	4 14	0 44	1 17	1 37	10 48	1 38	23 40	0 11	19 30	1 39	20 30	14 49	4 1	3 44	10 29	17 3	3 54
S 10	10 40	4 4	1 32	10 48	0 15	6 51	1 3	4 32	0 44	1 19	1 37	10 47	1 39	23 40	0 11	19 30	1 39	20 30	14 49	4 2	3 43	10 32	17 2	3 55
M11	11 1	3n 8	0 10	11 43	0 4	6 27	1 7	4 50	0 43	1 21	1 37	10 45	1 39	23 40	0 11	19 30	1 39	20 29	14 50	4 2	3 42	10 36	17 1	3 55
T 12	11 22	10 15	1n13	12 38	0n 6	6 4	1 10	5 8	0 43	1 24	1 36	10 43	1 39	23 40	0 11	19 29	1 39	20 29	14 50	4 2	3 41	10 39	17 0	3 56
W13	11 42	16 48	2 31	13 32	0 17	5 39	1 13	5 26	0 42	1 26	1 36	10 41	1 39	23 40	0 11	19 29	1 39	20 29	14 50	4 1	3 39	10 42	16 59	3 56
T 14	12 2	22 17	3 38	14 25	0 28	5 15	1 15	5 44	0 42	1 28	1 36	10 39	1 39	23 40	0 11	19 29	1 39	20 29	14 51	4 0	3 38	10 45	16 57	3 57
F 15	12 23	26 14	4 29	15 16	0 38	4 51	1 18	6 2	0 41	1 30	1 36	10 37	1 40	23 40	0 11	19 29	1 39	20 29	14 51	3 59	3 37	10 49	16 56	3 57
S 16	12 42	28 22	5 1	16 6	0 49	4 26	1 21	6 20	0 41	1 32	1 36	10 36	1 40	23 40	0 11	19 28	1 39	20 28	14 51	3 58	3 36	10 52	16 55	3 58
S 17	13 2	28 34	5 14	16 55	0 59	4 1	1 24	6 38	0 40	1 34	1 36	10 34	1 40	23 40	0 11	19 28	1 39	20 28	14 51	3 57	3 34	10 55	16 54	3 58
M18	13 22	27 2	5 9	17 42	1 9	3 36	1 26	6 55	0 40	1 36	1 35	10 32	1 40	23 40	0 11	19 28	1 39	20 28	14 52	3 56	3 33	10 58	16 53	3 58
T 19	13 41	24 2	4 48	18 26	1 18	3 11	1 28	7 13	0 39	1 38	1 35	10 31	1 40	23 40	0 11	19 28	1 39	20 28	14 52	3 56	3 32	11 2	16 52	3 59
W20	14 0	19 58	4 13	19 8	1 28	2 45	1 31	7 30	0 39	1 40	1 35	10 29	1 41	23 40	0 11	19 27	1 39	20 28	14 52	3 56	3 30	11 5	16 51	3 59
T 21	14 19	15 7	3 27	19 48	1 36	2 20	1 33	7 48	0 38	1 41	1 35	10 27	1 41	23 40	0 11	19 27	1 39	20 28	14 53	3 57	3 29	11 8	16 50	4 0
F 22	14 38	9 48	2 32	20 26	1 44	1 54	1 35	8 5	0 38	1 43	1 35	10 26	1 41	23 40	0 11	19 27	1 39	20 28	14 53	3 57	3 28	11 11	16 49	4 0
S 23	14 56	4 12	1 32	21 1	1 51	1 28	1 37	8 22	0 37	1 44	1 34	10 24	1 41	23 40	0 11	19 26	1 39	20 28	14 53	3 58	3 27	11 15	16 48	4 0
S 24	15 14	1s30	0 28	21 34	1 58	1 2	1 39	8 39	0 37	1 46	1 34	10 23	1 41	23 39	0 11	19 26	1 39	20 27	14 53	3 58	3 25	11 18	16 47	4 1
M25	15 32	7 8	0s36	22 4	2 4	0 36	1 41	8 56	0 36	1 47	1 34	10 21	1 42	23 39	0 11	19 26	1 39	20 27	14 54	3 58	3 24	11 21	16 45	4 1
T 26	15 50	12 30	1 39	22 32	2 9	0 10	1 42	9 13	0 35	1 49	1 34	10 20	1 42	23 39	0 11	19 26	1 39	20 27	14 54	3 58	3 23	11 24	16 44	4 2
W27	16 7	17 27	2 38	22 57	2 14	0n16	1 44	9 30	0 35	1 50	1 33	10 18	1 42	23 39	0 11	19 25	1 39	20 27	14 54	3 56	3 22	11 28	16 43	4 2
T 28	16 24	21 46	3 30	23 20	2 18	0 43	1 46	9 47	0 34	1 51	1 33	10 17	1 42	23 39	0 11	19 25	1 39	20 27	14 55	3 54	3 20	11 31	16 42	4 2
F 29	16 41	25 13	4 13	23 40	2 20	1 9	1 47	10 3	0 34	1 52	1 33	10 16	1 42	23 39	0 11	19 25	1 39	20 27	14 55	3 52	3 19	11 34	16 41	4 3
S 30	16n58	27s34	4s45	23n58	2n22	1n35	1s48	10n20	0s33	1n54	1n33	10s14	1s43	23s39	0s11	19s24	1n39	20s27	14s55	3n50	3n18	11s37	16s40	4n 3

Julian Day Number = 2202182.5, Delta T = 09m58s
Ecliptic obliquity = 23°31'50, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°13'04, Lahiri = 14°20'05 Julian Calendar 1 Apr. 1317 == Greg. Calendar 9 Apr. 1317

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ASTRODIENST EPHEMERIS for the year 1317
geocentric

MAY 1317 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	15 6 15	17♉54'32	28♐42	8♊49	9♈19	28♈52	28°R45	7♓56	25°R56	3°R59	12♓56	9°R31	8♈14	26♎17	1°R54	S 1
M 2	15 10 11	18°52'13	11♑13	10°13	10°29	29°36	28♍43	8° 0	25♐54	3♐58	12°57	9♈25	8°11	26°24	1♐50	M 2
T 3	15 14 8	19°49'53	23°58	11°34	11°39	0♉21	28°40	8° 4	25°52	3°56	12°57	9°21	8° 8	26°31	1°45	T 3
W 4	15 18 4	20°47'32	6♒59	12°51	12°49	1° 5	28°37	8° 7	25°50	3°55	12°58	9°18	8° 5	26°37	1°41	W 4
T 5	15 22 1	21°45'10	20°18	14° 5	13°59	1°49	28°35	8°11	25°48	3°53	12°59	9°D17	8° 1	26°44	1°37	T 5
F 6	15 25 57	22°42'47	3♓57	15°14	15° 9	2°33	28°33	8°15	25°47	3°51	13° 0	9°17	7°58	26°51	1°33	F 6
S 7	15 29 54	23°40'23	17°57	16°20	16°19	3°17	28°31	8°18	25°45	3°50	13° 0	9°18	7°55	26°57	1°29	S 7
S 8	15 33 50	24°37'58	2♈19	17°23	17°30	4° 1	28°29	8°22	25°43	3°48	13° 1	9°R19	7°52	27° 4	1°24	S 8
M 9	15 37 47	25°35'32	16°59	18°21	18°40	4°45	28°27	8°25	25°41	3°47	13° 2	9°19	7°49	27°11	1°20	M 9
T 10	15 41 44	26°33'05	1♉55	19°16	19°50	5°29	28°25	8°28	25°39	3°45	13° 2	9°18	7°45	27°17	1°16	T 10
W11	15 45 40	27°30'38	16°58	20° 6	21° 1	6°13	28°24	8°31	25°37	3°43	13° 3	9°14	7°42	27°24	1°12	W11
T 12	15 49 37	28°28'09	2♊ 0	20°52	22°11	6°57	28°23	8°35	25°35	3°42	13° 3	9° 8	7°39	27°31	1° 7	T 12
F 13	15 53 33	29°25'39	16°52	21°34	23°22	7°41	28°22	8°38	25°33	3°40	13° 4	9° 0	7°36	27°37	1° 3	F 13
S 14	15 57 30	0♊23'08	1♋25	22°12	24°32	8°24	28°21	8°40	25°30	3°39	13° 4	8°52	7°33	27°44	0°59	S 14
S 15	16 1 26	1°20'36	15°33	22°46	25°43	9° 8	28°21	8°43	25°28	3°37	13° 5	8°45	7°30	27°51	0°55	S 15
M16	16 5 23	2°18'03	29°13	23°15	26°53	9°51	28°20	8°46	25°26	3°35	13° 5	8°39	7°26	27°57	0°50	M16
T 17	16 9 19	3°15'28	12♌25	23°39	28° 4	10°35	28°20	8°49	25°24	3°34	13° 6	8°35	7°23	28° 4	0°46	T 17
W18	16 13 16	4°12'52	25°11	23°59	29°15	11°18	28°D20	8°51	25°22	3°32	13° 6	8°33	7°20	28°11	0°42	W18
T 19	16 17 13	5°10'15	7♍36	24°15	0♉26	12° 2	28°20	8°54	25°20	3°31	13° 7	8°D32	7°17	28°17	0°37	T 19
F 20	16 21 9	6° 7'37	19°43	24°26	1°36	12°45	28°20	8°56	25°17	3°29	13° 7	8°33	7°14	28°24	0°33	F 20
S 21	16 25 6	7° 4'58	1♎39	24°32	2°47	13°28	28°21	8°58	25°15	3°27	13° 7	8°34	7°11	28°30	0°29	S 21
S 22	16 29 2	8° 2'17	13°28	24°R34	3°58	14°12	28°22	9° 0	25°13	3°26	13° 8	8°R34	7° 7	28°37	0°25	S 22
M23	16 32 59	8°59'36	25°15	24°31	5° 9	14°55	28°22	9° 2	25°10	3°24	13° 8	8°32	7° 4	28°44	0°21	M23
T 24	16 36 55	9°56'54	7♏ 4	24°24	6°20	15°38	28°23	9° 4	25° 8	3°22	13° 8	8°29	7° 1	28°50	0°16	T 24
W25	16 40 52	10°54'11	18°59	24°12	7°31	16°21	28°25	9° 6	25° 6	3°21	13° 9	8°22	6°58	28°57	0°12	W25
T 26	16 44 48	11°51'27	1♐ 2	23°57	8°42	17° 4	28°26	9° 8	25° 3	3°19	13° 9	8°14	6°55	29° 4	0° 8	T 26
F 27	16 48 45	12°48'42	13°15	23°37	9°53	17°47	28°28	9°10	25° 1	3°18	13° 9	8° 4	6°51	29°10	0° 4	F 27
S 28	16 52 42	13°45'57	25°39	23°15	11° 4	18°30	28°29	9°11	24°59	3°16	13° 9	7°52	6°48	29°17	29♏59	S 28
S 29	16 56 38	14°43'12	8♑14	22°49	12°16	19°12	28°31	9°13	24°56	3°14	13°10	7°41	6°45	29°24	29°56	S 29
M30	17 0 35	15°40'25	21° 1	22°20	13°27	19°55	28°33	9°14	24°54	3°13	13°10	7°30	6°42	29°30	29°52	M30
T 31	17 4 31	16♊37'39	3♒59	21♊49	14♉38	20♉38	28♍35	9♓16	24♐52	3♐11	13♓10	7♈22	6♈39	29♎37	29♏48	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17n14	28s36	5s 5	24n13	2n24	2n 2	1s50	10n36	0s33	1n55	1n33	10s13	1s43	23s39	0s11	19s24	1n39	20s27	14s56	3n47	3n17	11s40	16s39	4n 3
M 2	17 30	28 12	5 10	24 26	2 24	2 28	1 51	10 53	0 32	1 56	1 32	10 12	1 43	23 39	0 11	19 24	1 39	20 27	14 56	3 45	3 15	11 44	16 38	4 4
T 3	17 46	26 19	5 0	24 37	2 23	2 55	1 52	11 9	0 31	1 56	1 32	10 10	1 43	23 39	0 11	19 24	1 39	20 27	14 56	3 43	3 14	11 47	16 36	4 4
W 4	18 1	23 2	4 35	24 46	2 22	3 21	1 53	11 25	0 31	1 57	1 32	10 9	1 44	23 39	0 11	19 23	1 39	20 27	14 57	3 42	3 13	11 50	16 35	4 4
T 5	18 16	18 29	3 54	24 53	2 20	3 48	1 54	11 41	0 30	1 58	1 32	10 8	1 44	23 39	0 11	19 23	1 39	20 27	14 57	3 42	3 12	11 53	16 34	4 5
F 6	18 31	12 53	3 0	24 58	2 17	4 14	1 54	11 56	0 30	1 59	1 31	10 7	1 44	23 39	0 11	19 23	1 39	20 27	14 57	3 42	3 10	11 56	16 33	4 5
S 7	18 46	6 31	1 53	25 1	2 13	4 40	1 55	12 12	0 29	1 59	1 31	10 6	1 44	23 39	0 11	19 22	1 39	20 27	14 58	3 42	3 9	12 0	16 32	4 5
S 8	19 0	0n21	0 38	25 3	2 8	5 7	1 55	12 28	0 28	2 0	1 31	10 5	1 44	23 39	0 11	19 22	1 39	20 27	14 58	3 43	3 8	12 3	16 31	4 5
M 9	19 14	7 20	0n41	25 2	2 2	5 33	1 56	12 43	0 28	2 0	1 31	10 4	1 45	23 39	0 11	19 22	1 39	20 27	14 58	3 43	3 7	12 6	16 30	4 6
T 10	19 27	14 3	1 59	25 0	1 55	5 59	1 56	12 58	0 27	2 1	1 30	10 3	1 45	23 39	0 11	19 21	1 39	20 27	14 59	3 42	3 5	12 9	16 29	4 6
W11	19 41	19 59	3 9	24 57	1 48	6 26	1 57	13 13	0 27	2 1	1 30	10 2	1 45	23 39	0 11	19 21	1 39	20 28	14 59	3 40	3 4	12 12	16 27	4 6
T 12	19 54	24 39	4 5	24 52	1 39	6 52	1 57	13 28	0 26	2 1	1 30	10 1	1 45	23 39	0 11	19 21	1 39	20 28	15 0	3 38	3 3	12 16	16 26	4 7
F 13	20 6	27 36	4 45	24 45	1 30	7 18	1 57	13 43	0 25	2 1	1 30	10 0	1 46	23 39	0 11	19 20	1 39	20 28	15 0	3 35	3 2	12 19	16 25	4 7
S 14	20 19	28 36	5 4	24 38	1 20	7 44	1 57	13 58	0 25	2 1	1 29	9 59	1 46	23 39	0 11	19 20	1 39	20 28	15 0	3 32	3 0	12 22	16 24	4 7
S 15	20 30	27 40	5 5	24 29	1 9	8 10	1 57	14 13	0 24	2 1	1 29	9 58	1 46	23 39	0 11	19 20	1 39	20 28	15 1	3 29	2 59	12 25	16 23	4 7
M16	20 42	25 5	4 48	24 18	0 57	8 35	1 57	14 27	0 24	2 1	1 29	9 57	1 46	23 39	0 11	19 20	1 39	20 28	15 1	3 27	2 58	12 28	16 22	4 7
T 17	20 53	21 13	4 15	24 7	0 44	9 1	1 57	14 41	0 23	2 1	1 28	9 56	1 47	23 38	0 11	19 19	1 39	20 28	15 1	3 25	2 57	12 32	16 21	4 8
W18	21 4	16 29	3 31	23 55	0 31	9 26	1 56	14 56	0 22	2 1	1 28	9 56	1 47	23 38	0 11	19 19	1 39	20 28	15 2	3 24	2 55	12 35	16 20	4 8
T 19	21 15	11 12	2 38	23 41	0 17	9 51	1 56	15 10	0 22	2 1	1 28	9 55	1 47	23 38	0 11	19 19	1 39	20 29	15 2	3 24	2 54	12 38	16 19	4 8
F 20	21 25	5 36	1 39	23 27	0 2	10 16	1 55	15 23	0 21	2 0	1 28	9 54	1 47	23 38	0 12	19 18	1 39	20 29	15 2	3 24	2 53	12 41	16 18	4 8
S 21	21 35	0s 6	0 37	23 12	0s13	10 41	1 55	15 37	0 20	2 0	1 27	9 54	1 47	23 38	0 12	19 18	1 39	20 29	15 3	3 25	2 51	12 44	16 17	4 8
S 22	21 44	5 44	0s26	22 56	0 29	11 6	1 54	15 51	0 20	1 59	1 27	9 53	1 48	23 38	0 12	19 18	1 39	20 29	15 3	3 25	2 50	12 47	16 16	4 9
M23	21 53	11 10	1 28	22 40	0 45	11 30	1 54	16 4	0 19	1 59	1 27	9 53	1 48	23 38	0 12	19 18	1 39	20 29	15 4	3 24	2 49	12 50	16 15	4 9
T 24	22 2	16 14	2 26	22 23	1 2	11 55	1 53	16 17	0 19	1 58	1 27	9 52	1 48	23 38	0 12	19 17	1 39	20 30	15 4	3 22	2 48	12 54	16 14	4 9
W25	22 10	20 42	3 18	22 6	1 19	12 19	1 52	16 30	0 18	1 57	1 26	9 52	1 48	23 38	0 12	19 17	1 39	20 30	15 4	3 20	2 46	12 57	16 13	4 9
T 26	22 18	24 23	4 2	21 48	1 36	12 42	1 51	16 43	0 17	1 56	1 26	9 51	1 49	23 38	0 12	19 17	1 39	20 30	15 5	3 17	2 45	13 0	16 12	4 9
F 27	22 25	27 1	4 35	21 30	1 53	13 6	1 50	16 56	0 17	1 56	1 26	9 51	1 49	23 38	0 12	19 16	1 39	20 30	15 5	3 13	2 44	13 3	16 11	4 9
S 28	22 32	28 23	4 56	21 12	2 9	13 29	1 49	17 9	0 16	1 55	1 26	9 50	1 49	23 38	0 12	19 16	1 39	20 31	15 5	3 8	2 43	13 6	16 10	4 9
S 29	22 39	28 18	5 2	20 54	2 26	13 52	1 48	17 21	0 15	1 54	1 25	9 50	1 49	23 38	0 12	19 16	1 39	20 31	15 6	3 3	2 41	13 9	16 9	4 9
M30	22 45	26 43	4 54	20 37	2 42	14 15	1 46	17 33	0 15	1 53	1 25	9 50	1 50	23 38	0 12	19 15	1 39	20 31	15 6	2 59	2 40	13 13	16 8	4 10
T 31	22n51	23s43	4s31	20n20	2s57	14n37	1s45	17n45	0s14	1n51	1n25	9s49	1s50	23s37	0s12	19s15	1n39	20s31	15s 7	2n56	2n39	13s16	16s 7	4n10

Julian Day Number = 2202212.5, Delta T = 09m58s
Ecliptic obliquity = 23°31'49, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°13'08, Lahiri = 14°20'09 Julian Calendar 1 May 1317 == Greg. Calendar 9 May 1317

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ASTRODIENST EPHEMERIS for the year 1317
geocentric

JUNE 1317 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	17 8 28	17♊34'52	17♒11	21°R16	15♉49	21♉21	28♍38	9♓17	24°R49	3°R10	13♓10	7°R16	6♈36	29♎44	29°R44	W 1
T 2	17 12 24	18°32'05	0♓35	20♊42	17° 1	22° 3	28°41	9°18	24♐47	3♐ 8	13°10	7♈13	6°32	29°50	29♏40	T 2
F 3	17 16 21	19°29'18	14°13	20° 8	18°12	22°46	28°43	9°19	24°44	3° 7	13°10	7°D12	6°29	29°57	29°36	F 3
S 4	17 20 17	20°26'30	28° 7	19°33	19°24	23°28	28°46	9°20	24°42	3° 5	13°10	7°12	6°26	0♏ 4	29°32	S 4
S 5	17 24 14	21°23'43	12♈15	18°59	20°35	24°11	28°49	9°21	24°40	3° 4	13°R10	7°R12	6°23	0°10	29°29	S 5
M 6	17 28 11	22°20'55	26°39	18°26	21°47	24°53	28°53	9°21	24°37	3° 2	13°10	7°10	6°20	0°17	29°25	M 6
T 7	17 32 7	23°18'08	11♉14	17°55	22°58	25°35	28°56	9°22	24°35	3° 1	13°10	7° 7	6°17	0°24	29°21	T 7
W 8	17 36 4	24°15'20	25°57	17°26	24°10	26°18	29° 0	9°22	24°32	2°59	13°10	7° 1	6°13	0°30	29°18	W 8
T 9	17 40 0	25°12'33	10♊41	17° 0	25°22	27° 0	29° 3	9°23	24°30	2°58	13°10	6°53	6°10	0°37	29°14	T 9
F 10	17 43 57	26° 9'45	25°18	16°37	26°33	27°42	29° 7	9°23	24°27	2°56	13°10	6°42	6° 7	0°44	29°11	F 10
S 11	17 47 53	27° 6'58	9♋42	16°18	27°45	28°24	29°11	9°23	24°25	2°55	13°10	6°31	6° 4	0°50	29° 7	S 11
S 12	17 51 50	28° 4'10	23°44	16° 2	28°57	29° 6	29°16	9°R23	24°22	2°53	13°10	6°20	6° 1	0°57	29° 4	S 12
M13	17 55 47	29° 1'21	7♌22	15°51	0♊ 9	29°48	29°20	9°23	24°20	2°52	13° 9	6°11	5°57	1° 4	29° 0	M13
T 14	17 59 43	29°58'33	20°34	15°44	1°20	0♊30	29°25	9°23	24°18	2°50	13° 9	6° 4	5°54	1°10	28°57	T 14
W15	18 3 40	0♋55'44	3♍22	15°D42	2°32	1°12	29°29	9°23	24°15	2°49	13° 9	5°59	5°51	1°17	28°54	W15
T 16	18 7 36	1°52'55	15°48	15°45	3°44	1°53	29°34	9°23	24°13	2°48	13° 9	5°57	5°48	1°24	28°51	T 16
F 17	18 11 33	2°50'05	27°56	15°53	4°56	2°35	29°39	9°22	24°10	2°46	13° 9	5°56	5°45	1°30	28°48	F 17
S 18	18 15 29	3°47'16	9♎53	16° 5	6° 8	3°17	29°44	9°22	24° 8	2°45	13° 8	5°56	5°42	1°37	28°45	S 18
S 19	18 19 26	4°44'26	21°42	16°23	7°20	3°58	29°50	9°21	24° 6	2°44	13° 8	5°56	5°38	1°44	28°42	S 19
M20	18 23 22	5°41'36	3♏31	16°46	8°32	4°40	29°55	9°20	24° 3	2°42	13° 8	5°54	5°35	1°50	28°39	M20
T 21	18 27 19	6°38'46	15°23	17°14	9°44	5°21	0♎ 1	9°20	24° 1	2°41	13° 7	5°49	5°32	1°57	28°36	T 21
W22	18 31 16	7°35'56	27°23	17°47	10°56	6° 3	0° 7	9°19	23°59	2°40	13° 7	5°43	5°29	2° 4	28°33	W22
T 23	18 35 12	8°33'06	9♐35	18°25	12° 9	6°44	0°13	9°18	23°56	2°39	13° 7	5°33	5°26	2°10	28°31	T 23
F 24	18 39 9	9°30'16	21°59	19° 9	13°21	7°25	0°19	9°17	23°54	2°37	13° 6	5°22	5°23	2°17	28°28	F 24
S 25	18 43 5	10°27'27	4♑38	19°57	14°33	8° 6	0°25	9°15	23°52	2°36	13° 6	5° 9	5°19	2°24	28°26	S 25
S 26	18 47 2	11°24'38	17°32	20°50	15°45	8°48	0°31	9°14	23°49	2°35	13° 5	4°56	5°16	2°30	28°23	S 26
M27	18 50 58	12°21'49	0♒39	21°48	16°58	9°29	0°38	9°13	23°47	2°34	13° 5	4°45	5°13	2°37	28°21	M27
T 28	18 54 55	13°19'00	13°59	22°51	18°10	10°10	0°44	9°11	23°45	2°33	13° 4	4°35	5°10	2°44	28°19	T 28
W29	18 58 51	14°16'12	27°29	23°59	19°22	10°51	0°51	9°10	23°43	2°32	13° 4	4°29	5° 7	2°50	28°16	W29
T 30	19 2 48	15♋13'25	11♓ 9	25♊11	20♊35	11♊32	0♎58	9♓ 8	23♐40	2♐31	13♓ 3	4♈25	5♈ 3	2♏57	28♏14	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	22n57	19s26	3s53	20n 3	3s12	14n59	1s44	17n57	0s13	1n50	1n25	9s49	1s50	23s37	0s12	19s15	1n39	20s32	15s 7	2n54	2n38	13s19	16s 6	4n10
T 2	23 2	14 8	3 1	19 47	3 26	15 21	1 42	18 9	0 13	1 49	1 24	9 49	1 50	23 37	0 12	19 15	1 39	20 32	15 7	2 52	2 36	13 22	16 5	4 10
F 3	23 7	8 3	1 59	19 32	3 39	15 42	1 41	18 20	0 12	1 48	1 24	9 49	1 51	23 37	0 12	19 14	1 39	20 32	15 8	2 52	2 35	13 25	16 4	4 10
S 4	23 11	1 29	0 48	19 17	3 50	16 3	1 39	18 32	0 11	1 46	1 24	9 49	1 51	23 37	0 12	19 14	1 39	20 33	15 8	2 52	2 34	13 28	16 4	4 10
S 5	23 15	5n16	0n27	19 4	4 1	16 24	1 38	18 43	0 11	1 45	1 24	9 49	1 51	23 37	0 12	19 14	1 39	20 33	15 8	2 52	2 33	13 31	16 3	4 10
M 6	23 19	11 53	1 41	18 53	4 10	16 44	1 36	18 54	0 10	1 43	1 23	9 49	1 51	23 37	0 12	19 14	1 39	20 33	15 9	2 51	2 31	13 34	16 2	4 10
T 7	23 22	17 57	2 50	18 42	4 18	17 4	1 34	19 5	0 9	1 42	1 23	9 49	1 52	23 37	0 12	19 13	1 39	20 34	15 9	2 50	2 30	13 38	16 1	4 10
W 8	23 24	23 0	3 48	18 33	4 24	17 23	1 33	19 15	0 9	1 40	1 23	9 49	1 52	23 37	0 12	19 13	1 39	20 34	15 9	2 48	2 29	13 41	16 0	4 10
T 9	23 27	26 36	4 31	18 26	4 29	17 42	1 31	19 26	0 8	1 38	1 22	9 49	1 52	23 37	0 12	19 13	1 39	20 34	15 10	2 44	2 28	13 44	16 0	4 10
F 10	23 28	28 22	4 55	18 21	4 32	18 1	1 29	19 36	0 7	1 36	1 22	9 49	1 52	23 37	0 12	19 13	1 39	20 35	15 10	2 40	2 26	13 47	15 59	4 10
S 11	23 30	28 10	5 0	18 17	4 34	18 19	1 27	19 46	0 7	1 35	1 22	9 49	1 53	23 36	0 12	19 12	1 39	20 35	15 11	2 36	2 25	13 50	15 58	4 10
S 12	23 31	26 9	4 47	18 15	4 34	18 37	1 25	19 56	0 6	1 33	1 22	9 49	1 53	23 36	0 12	19 12	1 39	20 36	15 11	2 31	2 24	13 53	15 57	4 10
M13	23 32	22 39	4 18	18 15	4 33	18 54	1 23	20 6	0 5	1 31	1 21	9 50	1 53	23 36	0 12	19 12	1 39	20 36	15 11	2 28	2 22	13 56	15 57	4 10
T 14	23 32	18 5	3 36	18 17	4 31	19 11	1 21	20 16	0 4	1 29	1 21	9 50	1 53	23 36	0 12	19 12	1 39	20 36	15 12	2 25	2 21	13 59	15 56	4 10
W15	23 32	12 51	2 43	18 20	4 27	19 28	1 19	20 25	0 4	1 26	1 21	9 50	1 54	23 36	0 12	19 11	1 39	20 37	15 12	2 23	2 20	14 2	15 55	4 10
T 16	23 31	7 14	1 45	18 25	4 22	19 44	1 16	20 34	0 3	1 24	1 21	9 50	1 54	23 36	0 12	19 11	1 39	20 37	15 12	2 22	2 19	14 5	15 55	4 10
F 17	23 30	1 28	0 42	18 32	4 16	19 59	1 14	20 43	0 2	1 22	1 20	9 51	1 54	23 36	0 12	19 11	1 39	20 38	15 13	2 22	2 17	14 8	15 54	4 10
S 18	23 29	4s15	0s21	18 40	4 9	20 14	1 12	20 52	0 2	1 20	1 20	9 51	1 54	23 36	0 12	19 11	1 39	20 38	15 13	2 22	2 16	14 12	15 53	4 10
S 19	23 27	9 46	1 23	18 50	4 1	20 28	1 10	21 0	0 1	1 17	1 20	9 52	1 55	23 36	0 12	19 10	1 39	20 39	15 13	2 22	2 15	14 15	15 53	4 10
M20	23 24	14 56	2 20	19 1	3 53	20 42	1 7	21 9	0 0	1 15	1 20	9 52	1 55	23 36	0 12	19 10	1 39	20 39	15 14	2 21	2 14	14 18	15 52	4 10
T 21	23 22	19 35	3 13	19 13	3 43	20 55	1 5	21 17	0n 0	1 13	1 20	9 53	1 55	23 35	0 12	19 10	1 38	20 39	15 14	2 19	2 12	14 21	15 52	4 10
W22	23 19	23 29	3 57	19 26	3 33	21 8	1 3	21 25	0 1	1 10	1 19	9 53	1 55	23 35	0 12	19 10	1 38	20 40	15 15	2 17	2 11	14 24	15 51	4 10
T 23	23 15	26 26	4 30	19 41	3 21	21 20	1 0	21 33	0 2	1 7	1 19	9 54	1 56	23 35	0 12	19 10	1 38	20 40	15 15	2 13	2 10	14 27	15 51	4 10
F 24	23 11	28 9	4 52	19 56	3 10	21 32	0 58	21 40	0 2	1 5	1 19	9 55	1 56	23 35	0 12	19 9	1 38	20 41	15 15	2 8	2 9	14 30	15 50	4 9
S 25	23 7	28 27	5 0	20 12	2 58	21 43	0 55	21 48	0 3	1 2	1 19	9 55	1 56	23 35	0 12	19 9	1 38	20 41	15 16	2 3	2 7	14 33	15 50	4 9
S 26	23 2	27 13	4 53	20 28	2 45	21 53	0 53	21 55	0 4	0 59	1 18	9 56	1 56	23 35	0 12	19 9	1 38	20 42	15 16	1 58	2 6	14 36	15 49	4 9
M27	22 57	24 29	4 31	20 45	2 32	22 3	0 50	22 2	0 5	0 57	1 18	9 57	1 57	23 35	0 12	19 9	1 38	20 42	15 16	1 54	2 5	14 39	15 49	4 9
T 28	22 52	20 25	3 53	21 1	2 19	22 13	0 48	22 9	0 5	0 54	1 18	9 58	1 57	23 35	0 12	19 9	1 38	20 43	15 17	1 50	2 4	14 42	15 49	4 9
W29	22 46	15 14	3 2	21 18	2 6	22 21	0 45	22 15	0 6	0 51	1 18	9 58	1 57	23 35	0 12	19 8	1 38	20 43	15 17	1 47	2 2	14 45	15 48	4 9
T 30	22n39	9s15	2s 0	21n35	1s52	22n29	0s43	22n22	0n 7	0n48	1n17	9s59	1s57	23s35	0s12	19s 8	1n38	20s44	15s17	1n46	2n 1	14s48	15s48	4n 9

Julian Day Number = 2202243.5, Delta T = 09m57s
Ecliptic obliquity = 23°31'49, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°13'12, Lahiri = 14°20'13 Julian Calendar 1 June 1317 == Greg. Calendar 9 June 1317

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ASTRODIENST EPHEMERIS for the year 1317
geocentric

JULY 1317 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	19 6 45	16♋10'38	24♓57	26♊28	21♊47	12♊13	1♎ 5	9°R 6	23°R38	2°R29	13°R 3	4°R23	5♈ 0	3♏ 4	28°R12	F 1
S 2	19 10 41	17° 7'52	8♈54	27°49	23° 0	12°53	1°12	9♓ 4	23♐36	2♐28	13♓ 2	4°D23	4°57	3°10	28♏10	S 2
S 3	19 14 38	18° 5'07	22°58	29°15	24°12	13°34	1°19	9° 3	23°34	2°27	13° 2	4°R23	4°54	3°17	28° 8	S 3
M 4	19 18 34	19° 2'23	7♉10	0♋45	25°25	14°15	1°27	9° 0	23°32	2°26	13° 1	4♈22	4°51	3°23	28° 7	M 4
T 5	19 22 31	19°59'40	21°27	2°19	26°38	14°55	1°34	8°58	23°30	2°25	13° 0	4°19	4°48	3°30	28° 5	T 5
W 6	19 26 27	20°56'58	5♊47	3°57	27°50	15°36	1°42	8°56	23°27	2°24	13° 0	4°13	4°44	3°37	28° 3	W 6
T 7	19 30 24	21°54'17	20° 7	5°39	29° 3	16°17	1°50	8°54	23°25	2°24	12°59	4° 5	4°41	3°43	28° 2	T 7
F 8	19 34 20	22°51'37	4♋20	7°25	0♋16	16°57	1°57	8°51	23°23	2°23	12°58	3°55	4°38	3°50	28° 1	F 8
S 9	19 38 17	23°48'57	18°21	9°14	1°29	17°37	2° 5	8°49	23°21	2°22	12°58	3°44	4°35	3°57	27°59	S 9
S 10	19 42 14	24°46'19	2♌ 7	11° 5	2°42	18°18	2°14	8°46	23°19	2°21	12°57	3°34	4°32	4° 3	27°58	S 10
M11	19 46 10	25°43'40	15°33	13° 0	3°54	18°58	2°22	8°44	23°18	2°20	12°56	3°25	4°29	4°10	27°57	M11
T 12	19 50 7	26°41'03	28°37	14°57	5° 7	19°38	2°30	8°41	23°16	2°19	12°55	3°18	4°25	4°17	27°56	T 12
W13	19 54 3	27°38'26	11♍20	16°56	6°20	20°18	2°39	8°38	23°14	2°19	12°55	3°13	4°22	4°23	27°55	W13
T 14	19 58 0	28°35'50	23°44	18°57	7°33	20°58	2°47	8°35	23°12	2°18	12°54	3°11	4°19	4°30	27°54	T 14
F 15	20 1 56	29°33'15	5♎52	21° 0	8°46	21°38	2°56	8°32	23°10	2°17	12°53	3°D11	4°16	4°37	27°53	F 15
S 16	20 5 53	0♌30'40	17°49	23° 3	9°59	22°18	3° 5	8°29	23° 8	2°16	12°52	3°11	4°13	4°43	27°53	S 16
S 17	20 9 49	1°28'06	29°40	25° 7	11°12	22°58	3°14	8°26	23° 7	2°16	12°51	3°R12	4° 9	4°50	27°52	S 17
M18	20 13 46	2°25'33	11♏30	27°12	12°26	23°38	3°23	8°23	23° 5	2°15	12°50	3°11	4° 6	4°57	27°52	M18
T 19	20 17 43	3°23'01	23°24	29°17	13°39	24°18	3°32	8°20	23° 3	2°15	12°49	3° 9	4° 3	5° 3	27°51	T 19
W20	20 21 39	4°20'29	5♐27	1♌21	14°52	24°58	3°41	8°16	23° 2	2°14	12°49	3° 5	4° 0	5°10	27°51	W20
T 21	20 25 36	5°17'59	17°44	3°26	16° 5	25°37	3°50	8°13	23° 0	2°14	12°48	2°58	3°57	5°17	27°51	T 21
F 22	20 29 32	6°15'29	0♑17	5°29	17°18	26°17	4° 0	8° 9	22°58	2°13	12°47	2°50	3°54	5°23	27°D51	F 22
S 23	20 33 29	7°13'00	13° 8	7°32	18°32	26°56	4° 9	8° 6	22°57	2°13	12°46	2°41	3°50	5°30	27°51	S 23
S 24	20 37 25	8°10'33	26°19	9°34	19°45	27°36	4°19	8° 2	22°55	2°12	12°45	2°32	3°47	5°37	27°51	S 24
M25	20 41 22	9° 8'06	9♒46	11°35	20°59	28°15	4°29	7°58	22°54	2°12	12°44	2°23	3°44	5°43	27°51	M25
T 26	20 45 19	10° 5'41	23°29	13°35	22°12	28°54	4°38	7°55	22°53	2°11	12°43	2°16	3°41	5°50	27°51	T 26
W27	20 49 15	11° 3'17	7♓24	15°34	23°25	29°34	4°48	7°51	22°51	2°11	12°42	2°11	3°38	5°57	27°52	W27
T 28	20 53 12	12° 0'54	21°27	17°31	24°39	0♋13	4°58	7°47	22°50	2°11	12°41	2° 9	3°35	6° 3	27°52	T 28
F 29	20 57 8	12°58'32	5♈36	19°27	25°53	0°52	5° 8	7°43	22°49	2°10	12°40	2°D 9	3°31	6°10	27°53	F 29
S 30	21 1 5	13°56'13	19°47	21°21	27° 6	1°31	5°19	7°39	22°47	2°10	12°39	2° 9	3°28	6°17	27°53	S 30
S 31	21 5 1	14♌53'55	3♉59	23♌15	28♋20	2♋10	5♎29	7♓35	22♐46	2♐10	12♓38	2♈10	3♈25	6♏23	27♏54	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22n33	2s46	0s50	21n51	1s38	22n37	0s40	22n28	0n 7	0n45	1n17	10s 0	1s58	23s34	0s12	19s 8	1n38	20s44	15s18	1n45	2n 0	14s51	15s48	4n 9
S 2	22 26	3n54	0n24	22 6	1 24	22 43	0 37	22 34	0 8	0 42	1 17	10 1	1 58	23 34	0 12	19 8	1 38	20 45	15 18	1 45	1 58	14 54	15 47	4 9
S 3	22 18	10 28	1 37	22 21	1 11	22 49	0 35	22 40	0 9	0 39	1 17	10 2	1 58	23 34	0 12	19 8	1 38	20 45	15 18	1 45	1 57	14 57	15 47	4 8
M 4	22 10	16 33	2 44	22 35	0 57	22 55	0 32	22 45	0 10	0 36	1 17	10 3	1 58	23 34	0 12	19 8	1 38	20 46	15 19	1 45	1 56	15 0	15 47	4 8
T 5	22 2	21 46	3 42	22 47	0 43	23 0	0 29	22 51	0 10	0 32	1 16	10 4	1 59	23 34	0 12	19 7	1 38	20 46	15 19	1 43	1 55	15 3	15 46	4 8
W 6	21 53	25 43	4 26	22 58	0 30	23 4	0 27	22 56	0 11	0 29	1 16	10 5	1 59	23 34	0 12	19 7	1 38	20 47	15 19	1 41	1 53	15 6	15 46	4 8
T 7	21 44	28 2	4 53	23 7	0 17	23 7	0 24	23 1	0 12	0 26	1 16	10 6	1 59	23 34	0 12	19 7	1 38	20 48	15 19	1 38	1 52	15 9	15 46	4 8
F 8	21 35	28 29	5 2	23 15	0 5	23 10	0 21	23 6	0 12	0 23	1 16	10 7	1 59	23 34	0 12	19 7	1 38	20 48	15 20	1 34	1 51	15 12	15 46	4 8
S 9	21 25	27 5	4 52	23 20	0n 8	23 13	0 19	23 10	0 13	0 19	1 16	10 8	1 59	23 34	0 12	19 7	1 38	20 49	15 20	1 30	1 50	15 16	15 46	4 8
S 10	21 15	24 5	4 26	23 23	0 19	23 14	0 16	23 15	0 14	0 16	1 15	10 9	2 0	23 34	0 12	19 7	1 38	20 49	15 20	1 25	1 48	15 19	15 46	4 7
M11	21 5	19 49	3 45	23 24	0 30	23 15	0 13	23 19	0 15	0 12	1 15	10 11	2 0	23 33	0 12	19 7	1 38	20 50	15 21	1 22	1 47	15 22	15 46	4 7
T 12	20 54	14 42	2 53	23 22	0 41	23 15	0 11	23 23	0 15	0 9	1 15	10 12	2 0	23 33	0 12	19 7	1 38	20 50	15 21	1 19	1 46	15 25	15 46	4 7
W13	20 43	9 6	1 54	23 17	0 50	23 15	0 8	23 27	0 16	0 5	1 15	10 13	2 0	23 33	0 12	19 7	1 38	20 51	15 21	1 17	1 45	15 28	15 45	4 7
T 14	20 31	3 16	0 50	23 10	0 59	23 13	0 6	23 30	0 17	0 2	1 15	10 14	2 0	23 33	0 12	19 6	1 37	20 51	15 21	1 16	1 43	15 31	15 45	4 7
F 15	20 19	2s34	0s14	23 0	1 8	23 11	0 3	23 33	0 18	0s 2	1 14	10 16	2 1	23 33	0 12	19 6	1 37	20 52	15 22	1 16	1 42	15 33	15 45	4 7
S 16	20 7	8 13	1 17	22 47	1 15	23 9	0 0	23 37	0 18	0 6	1 14	10 17	2 1	23 33	0 12	19 6	1 37	20 53	15 22	1 16	1 41	15 36	15 45	4 6
S 17	19 55	13 32	2 17	22 32	1 22	23 6	0n 2	23 40	0 19	0 9	1 14	10 18	2 1	23 33	0 12	19 6	1 37	20 53	15 22	1 17	1 40	15 39	15 46	4 6
M18	19 42	18 21	3 10	22 14	1 28	23 2	0 5	23 42	0 20	0 13	1 14	10 20	2 1	23 33	0 12	19 6	1 37	20 54	15 23	1 16	1 38	15 42	15 46	4 6
T 19	19 28	22 29	3 55	21 53	1 33	22 57	0 8	23 45	0 21	0 17	1 14	10 21	2 1	23 33	0 12	19 6	1 37	20 54	15 23	1 15	1 37	15 45	15 46	4 6
W20	19 15	25 44	4 31	21 30	1 37	22 52	0 10	23 47	0 21	0 21	1 13	10 23	2 2	23 33	0 12	19 6	1 37	20 55	15 23	1 14	1 36	15 48	15 46	4 6
T 21	19 1	27 51	4 55	21 5	1 40	22 46	0 13	23 49	0 22	0 25	1 13	10 24	2 2	23 33	0 12	19 6	1 37	20 56	15 23	1 11	1 34	15 51	15 46	4 6
F 22	18 47	28 37	5 5	20 38	1 43	22 39	0 15	23 51	0 23	0 29	1 13	10 26	2 2	23 33	0 12	19 6	1 37	20 56	15 24	1 8	1 33	15 54	15 46	4 5
S 23	18 32	27 51	5 0	20 9	1 45	22 32	0 18	23 53	0 23	0 33	1 13	10 27	2 2	23 32	0 12	19 6	1 37	20 57	15 24	1 4	1 32	15 57	15 46	4 5
S 24	18 17	25 33	4 40	19 37	1 46	22 24	0 20	23 55	0 24	0 37	1 13	10 29	2 2	23 32	0 12	19 6	1 37	20 57	15 24	1 0	1 31	16 0	15 47	4 5
M25	18 2	21 46	4 3	19 5	1 46	22 16	0 23	23 56	0 25	0 41	1 12	10 30	2 3	23 32	0 12	19 6	1 37	20 58	15 24	0 57	1 29	16 3	15 47	4 5
T 26	17 47	16 46	3 12	18 30	1 46	22 6	0 25	23 57	0 26	0 45	1 12	10 32	2 3	23 32	0 12	19 6	1 37	20 58	15 24	0 54	1 28	16 6	15 47	4 5
W27	17 31	10 49	2 9	17 54	1 45	21 56	0 27	23 58	0 26	0 49	1 12	10 33	2 3	23 32	0 12	19 6	1 37	20 59	15 25	0 52	1 27	16 9	15 47	4 4
T 28	17 15	4 17	0 57	17 18	1 44	21 46	0 30	23 59	0 27	0 53	1 12	10 35	2 3	23 32	0 12	19 6	1 37	21 0	15 25	0 52	1 26	16 12	15 48	4 4
F 29	16 59	2n31	0n19	16 39	1 42	21 35	0 32	24 0	0 28	0 57	1 12	10 37	2 3	23 32	0 12	19 6	1 37	21 0	15 25	0 51	1 24	16 15	15 48	4 4
S 30	16 42	9 13	1 34	16 0	1 39	21 23	0 34	24 0	0 29	1 1	1 12	10 38	2 3	23 32	0 12	19 6	1 37	21 1	15 25	0 52	1 23	16 18	15 48	4 4
S 31	16n26	15n27	2n43	15n20	1n36	21n10	0n37	24n 0	0n29	1s 6	1n12	10s40	2s 4	23s32	0s12	19s 6	1n37	21s 1	15s25	0n52	1n22	16s21	15s49	4n 3

Julian Day Number = 2202273.5, Delta T = 09m57s
Ecliptic obliquity = 23°31'49, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°13'17, Lahiri = 14°20'17 Julian Calendar 1 July 1317 == Greg. Calendar 9 July 1317

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ASTRODIENST EPHEMERIS for the year 1317
geocentric

AUGUST 1317 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	21 8 58	15♌51'39	18♉ 9	25♌ 7	29♋33	2♋49	5♎39	7°R31	22°R45	2°R10	12°R37	2°R11	3♈22	6♏30	27♏55	M 1
T 2	21 12 54	16°49'24	2♊16	26°57	0♌47	3°28	5°50	7♓27	22♐44	2♐10	12♓36	2♈10	3°19	6°37	27°56	T 2
W 3	21 16 51	17°47'11	16°19	28°46	2° 1	4° 7	6° 0	7°23	22°43	2°10	12°35	2° 7	3°15	6°43	27°57	W 3
T 4	21 20 48	18°45'00	0♋15	0♍34	3°15	4°45	6°11	7°19	22°42	2° 9	12°33	2° 2	3°12	6°50	27°58	T 4
F 5	21 24 44	19°42'51	14° 2	2°20	4°28	5°24	6°21	7°14	22°41	2° 9	12°32	1°56	3° 9	6°57	27°59	F 5
S 6	21 28 41	20°40'44	27°37	4° 5	5°42	6° 3	6°32	7°10	22°40	2°D 9	12°31	1°49	3° 6	7° 4	28° 1	S 6
S 7	21 32 37	21°38'38	10♌59	5°49	6°56	6°41	6°43	7° 6	22°39	2° 9	12°30	1°43	3° 3	7°10	28° 2	S 7
M 8	21 36 34	22°36'33	24° 4	7°31	8°10	7°20	6°54	7° 1	22°38	2° 9	12°29	1°37	3° 0	7°17	28° 4	M 8
T 9	21 40 30	23°34'30	6♍54	9°12	9°24	7°58	7° 5	6°57	22°37	2° 9	12°28	1°33	2°56	7°24	28° 5	T 9
W10	21 44 27	24°32'29	19°26	10°51	10°38	8°37	7°16	6°52	22°37	2°10	12°27	1°30	2°53	7°30	28° 7	W10
T 11	21 48 23	25°30'29	1♎44	12°30	11°52	9°15	7°27	6°48	22°36	2°10	12°25	1°D29	2°50	7°37	28° 9	T 11
F 12	21 52 20	26°28'30	13°49	14° 7	13° 6	9°53	7°38	6°43	22°35	2°10	12°24	1°30	2°47	7°44	28°11	F 12
S 13	21 56 16	27°26'33	25°44	15°42	14°20	10°31	7°50	6°39	22°35	2°10	12°23	1°32	2°44	7°50	28°13	S 13
S 14	22 0 13	28°24'38	7♏34	17°17	15°34	11° 9	8° 1	6°34	22°34	2°10	12°22	1°33	2°40	7°57	28°15	S 14
M15	22 4 10	29°22'44	19°24	18°50	16°49	11°47	8°12	6°30	22°34	2°11	12°21	1°35	2°37	8° 4	28°17	M15
T 16	22 8 6	0♍20'51	1♐18	20°22	18° 3	12°25	8°24	6°25	22°33	2°11	12°20	1°R35	2°34	8°10	28°19	T 16
W17	22 12 3	1°19'00	13°22	21°53	19°17	13° 3	8°35	6°21	22°33	2°11	12°18	1°34	2°31	8°17	28°22	W17
T 18	22 15 59	2°17'11	25°39	23°22	20°31	13°41	8°47	6°16	22°33	2°12	12°17	1°32	2°28	8°24	28°24	T 18
F 19	22 19 56	3°15'23	8♑15	24°50	21°45	14°19	8°59	6°12	22°32	2°12	12°16	1°29	2°25	8°30	28°27	F 19
S 20	22 23 52	4°13'36	21°11	26°17	23° 0	14°56	9°10	6° 7	22°32	2°12	12°15	1°25	2°21	8°37	28°29	S 20
S 21	22 27 49	5°11'52	4♒31	27°42	24°14	15°34	9°22	6° 2	22°32	2°13	12°14	1°21	2°18	8°44	28°32	S 21
M22	22 31 46	6°10'08	18°12	29° 7	25°28	16°11	9°34	5°58	22°32	2°13	12°12	1°17	2°15	8°50	28°35	M22
T 23	22 35 42	7° 8'27	2♓14	0♎30	26°43	16°49	9°46	5°53	22°32	2°14	12°11	1°15	2°12	8°57	28°38	T 23
W24	22 39 39	8° 6'47	16°33	1°51	27°57	17°26	9°58	5°48	22°D32	2°14	12°10	1°13	2° 9	9° 4	28°41	W24
T 25	22 43 35	9° 5'09	1♈ 3	3°11	29°12	18° 3	10°10	5°44	22°32	2°15	12° 9	1°D12	2° 6	9°10	28°44	T 25
F 26	22 47 32	10° 3'33	15°38	4°30	0♍26	18°41	10°22	5°39	22°32	2°16	12° 7	1°13	2° 2	9°17	28°47	F 26
S 27	22 51 28	11° 2'00	0♉13	5°47	1°41	19°18	10°34	5°35	22°32	2°16	12° 6	1°14	1°59	9°24	28°50	S 27
S 28	22 55 25	12° 0'28	14°42	7° 2	2°55	19°55	10°46	5°30	22°32	2°17	12° 5	1°15	1°56	9°30	28°54	S 28
M29	22 59 21	12°58'59	29° 2	8°16	4°10	20°32	10°58	5°25	22°32	2°18	12° 4	1°16	1°53	9°37	28°57	M29
T 30	23 3 18	13°57'32	13♊11	9°28	5°24	21° 9	11°11	5°21	22°32	2°19	12° 3	1°R17	1°50	9°44	29° 1	T 30
W31	23 7 14	14♍56'07	27♊ 6	10♎39	6♍39	21♋46	11♎23	5♓16	22♐33	2♐19	12♓ 1	1♈16	1♈46	9♏50	29♏ 4	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	16n 9	20n52	3n43	14n40	1n33	20n57	0n39	24n 0	0n30	1s10	1n11	10s42	2s 4	23s32	0s12	19s 6	1n36	21s 2	15s26	0n52	1n21	16s24	15s49	4n 3
T 2	15 51	25 4	4 28	13 58	1 29	20 44	0 41	24 0	0 31	1 14	1 11	10 43	2 4	23 32	0 12	19 6	1 36	21 3	15 26	0 52	1 19	16 27	15 49	4 3
W 3	15 34	27 45	4 57	13 16	1 25	20 29	0 43	24 0	0 32	1 18	1 11	10 45	2 4	23 32	0 12	19 6	1 36	21 3	15 26	0 51	1 18	16 30	15 50	4 3
T 4	15 16	28 41	5 9	12 34	1 20	20 14	0 45	23 59	0 33	1 23	1 11	10 47	2 4	23 32	0 12	19 6	1 36	21 4	15 26	0 49	1 17	16 33	15 50	4 3
F 5	14 58	27 48	5 2	11 51	1 15	19 59	0 47	23 58	0 33	1 27	1 11	10 48	2 4	23 32	0 12	19 6	1 36	21 4	15 26	0 46	1 15	16 35	15 51	4 2
S 6	14 39	25 16	4 38	11 7	1 9	19 43	0 49	23 58	0 34	1 32	1 11	10 50	2 4	23 32	0 12	19 6	1 36	21 5	15 27	0 44	1 14	16 38	15 51	4 2
S 7	14 21	21 23	4 0	10 24	1 4	19 26	0 51	23 56	0 35	1 36	1 10	10 52	2 5	23 32	0 12	19 6	1 36	21 6	15 27	0 41	1 13	16 41	15 52	4 2
M 8	14 2	16 31	3 9	9 40	0 58	19 9	0 53	23 55	0 36	1 40	1 10	10 54	2 5	23 31	0 12	19 6	1 36	21 6	15 27	0 39	1 12	16 44	15 52	4 2
T 9	13 43	11 1	2 10	8 57	0 51	18 51	0 55	23 54	0 36	1 45	1 10	10 55	2 5	23 31	0 12	19 6	1 36	21 7	15 27	0 37	1 10	16 47	15 53	4 2
W10	13 23	5 12	1 5	8 13	0 45	18 33	0 57	23 52	0 37	1 49	1 10	10 57	2 5	23 31	0 12	19 6	1 36	21 7	15 27	0 36	1 9	16 50	15 54	4 1
T 11	13 4	0s43	0s 1	7 29	0 38	18 14	0 59	23 50	0 38	1 54	1 10	10 59	2 5	23 31	0 12	19 6	1 36	21 8	15 27	0 36	1 8	16 53	15 54	4 1
F 12	12 44	6 30	1 7	6 45	0 31	17 55	1 1	23 48	0 39	1 59	1 10	11 1	2 5	23 31	0 12	19 6	1 36	21 8	15 27	0 36	1 7	16 56	15 55	4 1
S 13	12 24	11 59	2 9	6 1	0 24	17 35	1 2	23 46	0 39	2 3	1 10	11 3	2 5	23 31	0 12	19 7	1 36	21 9	15 27	0 37	1 5	16 59	15 55	4 1
S 14	12 4	17 0	3 5	5 18	0 16	17 15	1 4	23 44	0 40	2 8	1 9	11 4	2 5	23 31	0 12	19 7	1 36	21 10	15 28	0 37	1 4	17 1	15 56	4 1
M15	11 44	21 22	3 53	4 34	0 9	16 54	1 6	23 41	0 41	2 12	1 9	11 6	2 5	23 31	0 12	19 7	1 36	21 10	15 28	0 38	1 3	17 4	15 57	4 0
T 16	11 24	24 55	4 31	3 51	0 1	16 33	1 7	23 38	0 42	2 17	1 9	11 8	2 5	23 31	0 12	19 7	1 36	21 11	15 28	0 38	1 2	17 7	15 57	4 0
W17	11 3	27 25	4 58	3 8	0s 7	16 11	1 9	23 36	0 43	2 22	1 9	11 10	2 6	23 31	0 12	19 7	1 36	21 11	15 28	0 38	1 0	17 10	15 58	4 0
T 18	10 42	28 39	5 12	2 25	0 15	15 49	1 10	23 33	0 43	2 26	1 9	11 11	2 6	23 31	0 12	19 7	1 35	21 12	15 28	0 37	0 59	17 13	15 59	4 0
F 19	10 21	28 27	5 11	1 43	0 23	15 26	1 11	23 29	0 44	2 31	1 9	11 13	2 6	23 31	0 12	19 7	1 35	21 12	15 28	0 36	0 58	17 16	16 0	4 0
S 20	10 0	26 43	4 55	1 1	0 31	15 3	1 13	23 26	0 45	2 36	1 9	11 15	2 6	23 31	0 12	19 7	1 35	21 13	15 28	0 34	0 56	17 19	16 0	3 59
S 21	9 38	23 27	4 23	0 19	0 39	14 39	1 14	23 23	0 46	2 41	1 9	11 17	2 6	23 31	0 12	19 8	1 35	21 13	15 28	0 32	0 55	17 22	16 1	3 59
M22	9 17	18 50	3 35	0s22	0 47	14 15	1 15	23 19	0 46	2 45	1 9	11 19	2 6	23 31	0 12	19 8	1 35	21 14	15 28	0 31	0 54	17 24	16 2	3 59
T 23	8 55	13 5	2 33	1 3	0 56	13 51	1 16	23 15	0 47	2 50	1 8	11 20	2 6	23 31	0 12	19 8	1 35	21 15	15 28	0 30	0 53	17 27	16 3	3 59
W24	8 34	6 33	1 20	1 43	1 4	13 26	1 17	23 11	0 48	2 55	1 8	11 22	2 6	23 31	0 12	19 8	1 35	21 15	15 28	0 29	0 51	17 30	16 4	3 59
T 25	8 12	0n24	0 1	2 23	1 12	13 1	1 18	23 7	0 49	3 0	1 8	11 24	2 6	23 31	0 12	19 8	1 35	21 16	15 28	0 29	0 50	17 33	16 5	3 58
F 26	7 50	7 23	1n19	3 2	1 21	12 36	1 19	23 3	0 50	3 5	1 8	11 26	2 6	23 31	0 12	19 8	1 35	21 16	15 28	0 29	0 49	17 36	16 5	3 58
S 27	7 27	13 59	2 33	3 40	1 29	12 10	1 20	22 58	0 50	3 9	1 8	11 27	2 6	23 31	0 12	19 9	1 35	21 17	15 29	0 29	0 48	17 39	16 6	3 58
S 28	7 5	19 46	3 38	4 17	1 37	11 44	1 21	22 54	0 51	3 14	1 8	11 29	2 6	23 31	0 12	19 9	1 35	21 17	15 29	0 30	0 46	17 41	16 7	3 58
M29	6 43	24 22	4 27	4 54	1 45	11 17	1 22	22 49	0 52	3 19	1 8	11 31	2 6	23 31	0 12	19 9	1 35	21 18	15 29	0 30	0 45	17 44	16 8	3 58
T 30	6 20	27 26	5 0	5 30	1 54	10 50	1 22	22 44	0 53	3 24	1 8	11 32	2 6	23 31	0 12	19 9	1 35	21 18	15 29	0 31	0 44	17 47	16 9	3 57
W31	5n57	28n45	5n15	6s 6	2s 2	10n23	1n23	22n39	0n54	3s29	1n 8	11s34	2s 6	23s31	0s12	19s 9	1n35	21s19	15s29	0n30	0n43	17s50	16s10	3n57

Julian Day Number = 2202304.5, Delta T = 09m57s
Ecliptic obliquity = 23°31'49, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°13'21, Lahiri = 14°20'21 Julian Calendar 1 Aug. 1317 == Greg. Calendar 9 Aug. 1317

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ASTRODIENST EPHEMERIS for the year 1317
geocentric

SEPTEMBER 1317 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	23 11 11	15♍54'45	10♋46	11♎47	7♍54	22♋22	11♎35	5°R12	22♐33	2♐20	12°R 0	1°R15	1♈43	9♏57	29♏ 8	T 1
F 2	23 15 8	16°53'25	24°12	12°54	9° 8	22°59	11°48	5♓ 7	22°33	2°21	11♓59	1♈13	1°40	10° 4	29°12	F 2
S 3	23 19 4	17°52'07	7♌24	13°58	10°23	23°36	12° 0	5° 3	22°34	2°22	11°58	1°12	1°37	10°10	29°15	S 3
S 4	23 23 1	18°50'51	20°21	15° 0	11°38	24°12	12°13	4°59	22°34	2°23	11°56	1°10	1°34	10°17	29°19	S 4
M 5	23 26 57	19°49'37	3♍ 5	16° 0	12°52	24°49	12°25	4°54	22°35	2°24	11°55	1° 8	1°31	10°24	29°23	M 5
T 6	23 30 54	20°48'25	15°35	16°57	14° 7	25°25	12°38	4°50	22°36	2°25	11°54	1° 7	1°27	10°30	29°27	T 6
W 7	23 34 50	21°47'16	27°54	17°51	15°22	26° 1	12°50	4°45	22°36	2°26	11°53	1°D 7	1°24	10°37	29°32	W 7
T 8	23 38 47	22°46'08	10♎ 2	18°43	16°37	26°37	13° 3	4°41	22°37	2°27	11°52	1° 7	1°21	10°44	29°36	T 8
F 9	23 42 43	23°45'02	22° 1	19°30	17°52	27°14	13°15	4°37	22°38	2°28	11°50	1° 8	1°18	10°50	29°40	F 9
S 10	23 46 40	24°43'59	3♏54	20°15	19° 7	27°50	13°28	4°33	22°39	2°29	11°49	1° 8	1°15	10°57	29°44	S 10
S 11	23 50 37	25°42'57	15°43	20°55	20°21	28°25	13°41	4°29	22°39	2°30	11°48	1° 9	1°12	11° 4	29°49	S 11
M12	23 54 33	26°41'57	27°32	21°31	21°36	29° 1	13°54	4°24	22°40	2°31	11°47	1° 9	1° 8	11°10	29°53	M12
T 13	23 58 30	27°40'59	9♐25	22° 3	22°51	29°37	14° 6	4°20	22°41	2°32	11°46	1°10	1° 5	11°17	29°58	T 13
W14	0 2 26	28°40'02	21°27	22°29	24° 6	0♌13	14°19	4°16	22°42	2°33	11°45	1°10	1° 2	11°24	0♐ 3	W14
T 15	0 6 23	29°39'08	3♑42	22°50	25°21	0°48	14°32	4°12	22°43	2°35	11°43	1°R10	0°59	11°30	0° 7	T 15
F 16	0 10 19	0♎38'15	16°14	23° 6	26°36	1°24	14°45	4° 9	22°45	2°36	11°42	1°D10	0°56	11°37	0°12	F 16
S 17	0 14 16	1°37'25	29° 8	23°15	27°51	1°59	14°58	4° 5	22°46	2°37	11°41	1°10	0°52	11°44	0°17	S 17
S 18	0 18 12	2°36'36	12♒26	23°R17	29° 6	2°34	15°11	4° 1	22°47	2°39	11°40	1°10	0°49	11°50	0°22	S 18
M19	0 22 9	3°35'48	26°10	23°12	0♎21	3°10	15°24	3°57	22°48	2°40	11°39	1°10	0°46	11°57	0°27	M19
T 20	0 26 6	4°35'03	10♓19	22°59	1°36	3°45	15°36	3°54	22°50	2°41	11°38	1°11	0°43	12° 4	0°32	T 20
W21	0 30 2	5°34'19	24°52	22°39	2°51	4°20	15°49	3°50	22°51	2°43	11°37	1°R11	0°40	12°11	0°37	W21
T 22	0 33 59	6°33'38	9♈41	22°10	4° 6	4°55	16° 2	3°47	22°52	2°44	11°35	1°11	0°37	12°17	0°42	T 22
F 23	0 37 55	7°32'58	24°40	21°33	5°21	5°30	16°15	3°43	22°54	2°46	11°34	1°10	0°33	12°24	0°48	F 23
S 24	0 41 52	8°32'21	9♉41	20°48	6°36	6° 4	16°28	3°40	22°55	2°47	11°33	1°10	0°30	12°31	0°53	S 24
S 25	0 45 48	9°31'46	24°34	19°56	7°51	6°39	16°41	3°36	22°57	2°49	11°32	1° 9	0°27	12°37	0°58	S 25
M26	0 49 45	10°31'14	9♊14	18°56	9° 6	7°14	16°55	3°33	22°58	2°50	11°31	1° 8	0°24	12°44	1° 4	M26
T 27	0 53 41	11°30'44	23°34	17°51	10°21	7°48	17° 8	3°30	23° 0	2°52	11°30	1° 7	0°21	12°51	1° 9	T 27
W28	0 57 38	12°30'16	7♋33	16°41	11°37	8°22	17°21	3°27	23° 2	2°53	11°29	1°D 6	0°17	12°57	1°15	W28
T 29	1 1 35	13°29'51	21° 9	15°28	12°52	8°57	17°34	3°24	23° 4	2°55	11°28	1° 7	0°14	13° 4	1°20	T 29
F 30	1 5 31	14♎29'28	4♌24	14♎14	14♎ 7	9♌31	17♎47	3♓21	23♐ 5	2♐57	11♓27	1♈ 7	0♈11	13♏11	1♐26	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	5n35	28n16	5n12	6s40	2s10	9n56	1n23	22n34	0n55	3s34	1n 8	11s36	2s 6	23s31	0s12	19s10	1n35	21s19	15s29	0n30	0n41	17s53	16s11	3n57
F 2	5 12	26 8	4 51	7 13	2 17	9 28	1 24	22 28	0 55	3 39	1 7	11 38	2 6	23 31	0 12	19 10	1 35	21 20	15 29	0 29	0 40	17 55	16 12	3 57
S 3	4 49	22 36	4 15	7 45	2 25	9 0	1 24	22 23	0 56	3 44	1 7	11 39	2 6	23 31	0 12	19 10	1 35	21 20	15 29	0 29	0 39	17 58	16 13	3 57
S 4	4 26	18 2	3 27	8 17	2 33	8 32	1 25	22 17	0 57	3 49	1 7	11 41	2 6	23 31	0 12	19 10	1 34	21 20	15 29	0 28	0 37	18 1	16 14	3 56
M 5	4 3	12 44	2 29	8 46	2 40	8 4	1 25	22 12	0 58	3 54	1 7	11 42	2 6	23 31	0 12	19 11	1 34	21 21	15 29	0 27	0 36	18 4	16 15	3 56
T 6	3 39	7 0	1 25	9 15	2 47	7 35	1 25	22 6	0 59	3 59	1 7	11 44	2 6	23 31	0 12	19 11	1 34	21 21	15 29	0 27	0 35	18 7	16 16	3 56
W 7	3 16	1 7	0 18	9 42	2 54	7 6	1 25	22 0	0 59	4 4	1 7	11 46	2 6	23 31	0 12	19 11	1 34	21 22	15 28	0 27	0 34	18 9	16 17	3 56
T 8	2 53	4s45	0s49	10 8	3 0	6 37	1 26	21 54	1 0	4 9	1 7	11 47	2 6	23 31	0 12	19 11	1 34	21 22	15 28	0 27	0 32	18 12	16 18	3 56
F 9	2 29	10 22	1 53	10 32	3 6	6 8	1 26	21 48	1 1	4 14	1 7	11 49	2 6	23 31	0 12	19 12	1 34	21 23	15 28	0 27	0 31	18 15	16 19	3 56
S 10	2 6	15 34	2 52	10 54	3 12	5 38	1 26	21 41	1 2	4 19	1 7	11 50	2 6	23 31	0 12	19 12	1 34	21 23	15 28	0 27	0 30	18 18	16 20	3 55
S 11	1 43	20 10	3 43	11 14	3 17	5 9	1 25	21 35	1 3	4 24	1 7	11 52	2 6	23 31	0 12	19 12	1 34	21 24	15 28	0 28	0 29	18 20	16 21	3 55
M12	1 19	23 59	4 25	11 32	3 22	4 39	1 25	21 28	1 4	4 29	1 7	11 53	2 6	23 32	0 12	19 12	1 34	21 24	15 28	0 28	0 27	18 23	16 22	3 55
T 13	0 55	26 48	4 55	11 48	3 26	4 9	1 25	21 22	1 5	4 34	1 7	11 55	2 6	23 32	0 12	19 13	1 34	21 24	15 28	0 28	0 26	18 26	16 23	3 55
W14	0 32	28 27	5 13	12 1	3 29	3 39	1 25	21 15	1 5	4 39	1 7	11 56	2 6	23 32	0 12	19 13	1 34	21 25	15 28	0 28	0 25	18 29	16 25	3 55
T 15	0 8	28 46	5 17	12 11	3 32	3 9	1 24	21 8	1 6	4 44	1 6	11 58	2 6	23 32	0 12	19 13	1 34	21 25	15 28	0 28	0 23	18 31	16 26	3 55
F 16	0s15	27 37	5 7	12 19	3 33	2 38	1 24	21 1	1 7	4 49	1 6	11 59	2 6	23 32	0 12	19 14	1 34	21 25	15 28	0 28	0 22	18 34	16 27	3 55
S 17	0 39	24 59	4 41	12 23	3 34	2 8	1 23	20 54	1 8	4 54	1 6	12 0	2 6	23 32	0 12	19 14	1 34	21 26	15 28	0 28	0 21	18 37	16 28	3 54
S 18	1 3	20 57	3 59	12 23	3 34	1 38	1 23	20 47	1 9	4 59	1 6	12 2	2 6	23 32	0 12	19 14	1 34	21 26	15 28	0 28	0 20	18 40	16 29	3 54
M19	1 26	15 42	3 2	12 20	3 32	1 7	1 22	20 39	1 10	5 4	1 6	12 3	2 6	23 32	0 12	19 14	1 34	21 26	15 28	0 28	0 18	18 42	16 30	3 54
T 20	1 50	9 28	1 53	12 13	3 30	0 37	1 22	20 32	1 11	5 9	1 6	12 4	2 6	23 32	0 12	19 15	1 34	21 27	15 27	0 28	0 17	18 45	16 31	3 54
W21	2 13	2 35	0 35	12 1	3 25	0 6	1 21	20 24	1 11	5 14	1 6	12 5	2 6	23 32	0 12	19 15	1 34	21 27	15 27	0 28	0 16	18 48	16 33	3 54
T 22	2 37	4n34	0n47	11 45	3 19	0s25	1 20	20 17	1 12	5 19	1 6	12 7	2 6	23 32	0 12	19 15	1 34	21 27	15 27	0 28	0 15	18 50	16 34	3 54
F 23	3 0	11 33	2 7	11 24	3 12	0 55	1 19	20 9	1 13	5 24	1 6	12 8	2 6	23 32	0 12	19 16	1 33	21 28	15 27	0 28	0 13	18 53	16 35	3 54
S 24	3 24	17 54	3 18	10 58	3 2	1 26	1 18	20 1	1 14	5 29	1 6	12 9	2 6	23 32	0 12	19 16	1 33	21 28	15 27	0 28	0 12	18 56	16 36	3 54
S 25	3 47	23 6	4 15	10 27	2 51	1 57	1 17	19 53	1 15	5 34	1 6	12 10	2 5	23 32	0 12	19 16	1 33	21 28	15 27	0 27	0 11	18 59	16 37	3 53
M26	4 11	26 46	4 54	9 52	2 38	2 27	1 16	19 46	1 16	5 39	1 6	12 11	2 5	23 33	0 12	19 17	1 33	21 29	15 27	0 27	0 10	19 1	16 39	3 53
T 27	4 34	28 36	5 14	9 13	2 23	2 58	1 15	19 37	1 17	5 44	1 6	12 12	2 5	23 33	0 12	19 17	1 33	21 29	15 26	0 27	0 8	19 4	16 40	3 53
W28	4 58	28 33	5 15	8 31	2 6	3 28	1 14	19 29	1 18	5 49	1 6	12 13	2 5	23 33	0 12	19 17	1 33	21 29	15 26	0 27	0 7	19 7	16 41	3 53
T 29	5 21	26 46	4 58	7 46	1 48	3 59	1 13	19 21	1 19	5 54	1 6	12 14	2 5	23 33	0 12	19 18	1 33	21 29	15 26	0 27	0 6	19 9	16 42	3 53
F 30	5s44	23n31	4n25	6s59	1s28	4s29	1n12	19n13	1n20	5s59	1n 6	12s15	2s 5	23s33	0s12	19s18	1n33	21s30	15s26	0n27	0n 4	19s12	16s43	3n53

Julian Day Number = 2202335.5, Delta T = 09m57s
Ecliptic obliquity = 23°31'50, Nutation = 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°13'25, Lahiri = 14°20'26 Julian Calendar 1 Sept. 1317 == Greg. Calendar 9 Sept. 1317

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ASTRODIENST EPHEMERIS for the year 1317
geocentric

OCTOBER 1317 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	1 9 28	15♎29'07	17♌20	13°R 1	15♎22	10♌ 5	18♎ 0	3°R18	23♐ 7	2♐58	11°R26	1♈ 8	0♈ 8	13♏17	1♐32	S 1
S 2	1 13 24	16°28'48	29°59	11♎52	16°37	10°39	18°13	3♓16	23° 9	3° 0	11♓25	1°10	0° 5	13°24	1°38	S 2
M 3	1 17 21	17°28'32	12♍25	10°48	17°52	11°12	18°26	3°13	23°11	3° 2	11°24	1°11	0° 2	13°31	1°44	M 3
T 4	1 21 17	18°28'17	24°39	9°51	19° 8	11°46	18°39	3°10	23°13	3° 3	11°23	1°12	29♓58	13°37	1°49	T 4
W 5	1 25 14	19°28'05	6♎44	9° 4	20°23	12°20	18°52	3° 8	23°15	3° 5	11°22	1°R12	29°55	13°44	1°55	W 5
T 6	1 29 10	20°27'55	18°42	8°26	21°38	12°53	19° 5	3° 6	23°17	3° 7	11°21	1°11	29°52	13°51	2° 1	T 6
F 7	1 33 7	21°27'47	0♏36	8° 0	22°53	13°26	19°19	3° 3	23°19	3° 9	11°21	1° 9	29°49	13°57	2° 7	F 7
S 8	1 37 3	22°27'41	12°26	7°45	24° 9	14° 0	19°32	3° 1	23°21	3°10	11°20	1° 6	29°46	14° 4	2°13	S 8
S 9	1 41 0	23°27'37	24°15	7°D41	25°24	14°33	19°45	2°59	23°24	3°12	11°19	1° 2	29°43	14°11	2°20	S 9
M10	1 44 57	24°27'35	6♐ 5	7°48	26°39	15° 6	19°58	2°57	23°26	3°14	11°18	0°58	29°39	14°17	2°26	M10
T 11	1 48 53	25°27'34	18° 0	8° 6	27°54	15°38	20°11	2°55	23°28	3°16	11°17	0°54	29°36	14°24	2°32	T 11
W12	1 52 50	26°27'35	0♑ 1	8°35	29°10	16°11	20°24	2°53	23°30	3°18	11°16	0°51	29°33	14°31	2°38	W12
T 13	1 56 46	27°27'38	12°14	9°12	0♏25	16°44	20°37	2°51	23°33	3°20	11°16	0°48	29°30	14°38	2°45	T 13
F 14	2 0 43	28°27'43	24°41	9°57	1°40	17°16	20°50	2°50	23°35	3°22	11°15	0°D47	29°27	14°44	2°51	F 14
S 15	2 4 39	29°27'49	7♒28	10°51	2°55	17°48	21° 3	2°48	23°38	3°24	11°14	0°48	29°23	14°51	2°57	S 15
S 16	2 8 36	0♏27'57	20°38	11°50	4°11	18°21	21°16	2°47	23°40	3°26	11°13	0°49	29°20	14°58	3° 4	S 16
M17	2 12 33	1°28'06	4♓13	12°56	5°26	18°53	21°29	2°46	23°43	3°27	11°13	0°50	29°17	15° 4	3°10	M17
T 18	2 16 29	2°28'17	18°17	14° 7	6°41	19°24	21°42	2°44	23°45	3°29	11°12	0°52	29°14	15°11	3°17	T 18
W19	2 20 26	3°28'29	2♈47	15°22	7°56	19°56	21°55	2°43	23°48	3°31	11°11	0°R52	29°11	15°18	3°23	W19
T 20	2 24 22	4°28'43	17°40	16°40	9°12	20°28	22° 8	2°42	23°50	3°34	11°11	0°51	29° 8	15°24	3°30	T 20
F 21	2 28 19	5°28'59	2♉51	18° 2	10°27	20°59	22°21	2°41	23°53	3°36	11°10	0°48	29° 4	15°31	3°36	F 21
S 22	2 32 15	6°29'16	18° 8	19°26	11°42	21°30	22°34	2°41	23°56	3°38	11° 9	0°44	29° 1	15°38	3°43	S 22
S 23	2 36 12	7°29'35	3♊21	20°53	12°58	22° 2	22°47	2°40	23°58	3°40	11° 9	0°39	28°58	15°44	3°50	S 23
M24	2 40 8	8°29'57	18°21	22°21	14°13	22°33	23° 0	2°39	24° 1	3°42	11° 8	0°33	28°55	15°51	3°57	M24
T 25	2 44 5	9°30'20	2♋59	23°51	15°28	23° 3	23°13	2°39	24° 4	3°44	11° 8	0°28	28°52	15°58	4° 3	T 25
W26	2 48 2	10°30'45	17°10	25°23	16°43	23°34	23°26	2°38	24° 7	3°46	11° 7	0°24	28°49	16° 4	4°10	W26
T 27	2 51 58	11°31'12	0♌53	26°55	17°59	24° 5	23°39	2°38	24°10	3°48	11° 7	0°22	28°45	16°11	4°17	T 27
F 28	2 55 55	12°31'41	14° 8	28°28	19°14	24°35	23°51	2°38	24°13	3°50	11° 6	0°D21	28°42	16°18	4°24	F 28
S 29	2 59 51	13°32'12	26°59	0♏ 1	20°29	25° 5	24° 4	2°D38	24°15	3°52	11° 6	0°22	28°39	16°25	4°30	S 29
S 30	3 3 48	14°32'45	9♍30	1°35	21°45	25°35	24°17	2°38	24°18	3°55	11° 5	0°23	28°36	16°31	4°37	S 30
M31	3 7 44	15♏33'19	21♍44	3♏10	23♏ 0	26♌ 5	24♎29	2♓38	24♐21	3♐57	11♓ 5	0♈25	28♓33	16♏38	4♐44	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	6s 7	19n11	3n40	6s12	1s 8	5s 0	1n10	19n 5	1n20	6s 4	1n 6	12s16	2s 5	23s33	0s12	19s19	1n33	21s30	15s26	0n27	0n 3	19s15	16s45	3n53
S 2	6 30	14 5	2 44	5 26	0 48	5 30	1 9	18 56	1 21	6 9	1 6	12 17	2 5	23 33	0 12	19 19	1 33	21 30	15 26	0 28	0 2	19 17	16 46	3 53
M 3	6 53	8 30	1 42	4 42	0 27	6 0	1 8	18 48	1 22	6 14	1 6	12 18	2 5	23 33	0 12	19 19	1 33	21 30	15 25	0 28	0 1	19 20	16 47	3 53
T 4	7 16	2 41	0 36	4 1	0 7	6 30	1 6	18 39	1 23	6 19	1 6	12 19	2 5	23 33	0 12	19 20	1 33	21 30	15 25	0 29	0s 1	19 23	16 48	3 53
W 5	7 39	3s 9	0s31	3 25	0n13	7 0	1 5	18 31	1 24	6 24	1 6	12 20	2 4	23 33	0 12	19 20	1 33	21 31	15 25	0 29	0 2	19 25	16 50	3 53
T 6	8 1	8 49	1 35	2 53	0 31	7 30	1 3	18 22	1 25	6 29	1 6	12 20	2 4	23 33	0 12	19 20	1 33	21 31	15 25	0 28	0 3	19 28	16 51	3 52
F 7	8 24	14 9	2 35	2 27	0 48	7 59	1 1	18 13	1 26	6 34	1 6	12 21	2 4	23 34	0 12	19 21	1 33	21 31	15 25	0 27	0 4	19 31	16 52	3 52
S 8	8 46	18 55	3 28	2 6	1 4	8 28	1 0	18 5	1 27	6 39	1 6	12 22	2 4	23 34	0 12	19 21	1 33	21 31	15 24	0 26	0 6	19 33	16 53	3 52
S 9	9 9	22 58	4 12	1 52	1 18	8 58	0 58	17 56	1 28	6 44	1 6	12 23	2 4	23 34	0 12	19 22	1 33	21 31	15 24	0 25	0 7	19 36	16 55	3 52
M10	9 31	26 5	4 45	1 44	1 30	9 27	0 56	17 47	1 29	6 49	1 6	12 23	2 4	23 34	0 12	19 22	1 33	21 31	15 24	0 23	0 8	19 38	16 56	3 52
T 11	9 53	28 4	5 6	1 42	1 40	9 55	0 54	17 38	1 30	6 54	1 6	12 24	2 4	23 34	0 12	19 22	1 33	21 31	15 24	0 22	0 10	19 41	16 57	3 52
W12	10 15	28 46	5 14	1 45	1 49	10 24	0 52	17 29	1 31	6 59	1 6	12 24	2 4	23 34	0 12	19 23	1 33	21 32	15 23	0 20	0 11	19 44	16 58	3 52
T 13	10 37	28 4	5 8	1 53	1 56	10 52	0 51	17 20	1 32	7 4	1 6	12 25	2 4	23 34	0 12	19 23	1 33	21 32	15 23	0 19	0 12	19 46	16 59	3 52
F 14	10 58	25 58	4 47	2 5	2 2	11 20	0 49	17 11	1 33	7 9	1 6	12 25	2 3	23 34	0 12	19 24	1 33	21 32	15 23	0 19	0 13	19 49	17 1	3 52
S 15	11 20	22 32	4 12	2 22	2 6	11 48	0 47	17 2	1 34	7 14	1 6	12 26	2 3	23 34	0 12	19 24	1 33	21 32	15 23	0 19	0 15	19 52	17 2	3 52
S 16	11 41	17 52	3 23	2 43	2 9	12 16	0 45	16 53	1 35	7 19	1 6	12 26	2 3	23 35	0 12	19 24	1 33	21 32	15 22	0 19	0 16	19 54	17 3	3 52
M17	12 2	12 11	2 21	3 7	2 11	12 43	0 43	16 44	1 36	7 24	1 6	12 26	2 3	23 35	0 12	19 25	1 33	21 32	15 22	0 20	0 17	19 57	17 4	3 52
T 18	12 23	5 42	1 8	3 34	2 12	13 10	0 41	16 35	1 37	7 29	1 6	12 27	2 3	23 35	0 12	19 25	1 32	21 32	15 22	0 21	0 18	19 59	17 6	3 52
W19	12 43	1n16	0n10	4 3	2 12	13 36	0 38	16 26	1 38	7 33	1 6	12 27	2 3	23 35	0 12	19 26	1 32	21 32	15 22	0 21	0 20	20 2	17 7	3 52
T 20	13 4	8 21	1 31	4 34	2 10	14 2	0 36	16 17	1 39	7 38	1 6	12 27	2 3	23 35	0 12	19 26	1 32	21 32	15 21	0 20	0 21	20 4	17 8	3 52
F 21	13 24	15 6	2 46	5 7	2 8	14 28	0 34	16 8	1 40	7 43	1 6	12 27	2 2	23 35	0 12	19 26	1 32	21 32	15 21	0 19	0 22	20 7	17 9	3 52
S 22	13 44	20 58	3 49	5 42	2 6	14 54	0 32	15 59	1 41	7 48	1 6	12 28	2 2	23 35	0 12	19 27	1 32	21 32	15 21	0 18	0 23	20 10	17 11	3 52
S 23	14 4	25 25	4 36	6 17	2 3	15 19	0 30	15 50	1 42	7 53	1 6	12 28	2 2	23 35	0 12	19 27	1 32	21 32	15 21	0 15	0 25	20 12	17 12	3 52
M24	14 23	28 3	5 4	6 54	1 59	15 44	0 28	15 40	1 43	7 57	1 6	12 28	2 2	23 36	0 12	19 28	1 32	21 32	15 20	0 13	0 26	20 15	17 13	3 52
T 25	14 43	28 40	5 10	7 31	1 54	16 8	0 25	15 31	1 44	8 2	1 6	12 28	2 2	23 36	0 12	19 28	1 32	21 32	15 20	0 11	0 27	20 17	17 14	3 52
W26	15 2	27 20	4 57	8 9	1 50	16 32	0 23	15 22	1 45	8 7	1 6	12 28	2 2	23 36	0 12	19 28	1 32	21 32	15 20	0 10	0 29	20 20	17 15	3 52
T 27	15 21	24 23	4 28	8 47	1 45	16 55	0 21	15 13	1 46	8 12	1 6	12 28	2 2	23 36	0 12	19 29	1 32	21 32	15 19	0 9	0 30	20 22	17 17	3 52
F 28	15 39	20 14	3 45	9 25	1 39	17 18	0 18	15 4	1 47	8 16	1 6	12 28	2 1	23 36	0 12	19 29	1 32	21 32	15 19	0 8	0 31	20 25	17 18	3 52
S 29	15 58	15 15	2 51	10 4	1 34	17 41	0 16	14 55	1 48	8 21	1 6	12 28	2 1	23 36	0 12	19 30	1 32	21 32	15 19	0 9	0 32	20 27	17 19	3 52
S 30	16 16	9 45	1 51	10 42	1 28	18 3	0 14	14 45	1 49	8 26	1 6	12 27	2 1	23 36	0 12	19 30	1 32	21 32	15 19	0 9	0 34	20 30	17 20	3 52
M31	16s34	4n 0	0n47	11s20	1n21	18s25	0n11	14n36	1n51	8s30	1n 6	12s27	2s 1	23s37	0s12	19s31	1n32	21s31	15s18	0n10	0s35	20s32	17s21	3n52

Julian Day Number = 2202365.5, Delta T = 09m57s
Ecliptic obliquity = 23°31'50, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°13'29, Lahiri = 14°20'30 Julian Calendar 1 Oct. 1317 == Greg. Calendar 9 Oct. 1317

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ASTRODIENST EPHEMERIS for the year 1317
geocentric

NOVEMBER 1317 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	3 11 41	16♏33'55	3♎48	4♏45	24♏15	26♌35	24♎42	2♓38	24♐24	3♐59	11°R 4	0°R25	28♓29	16♏45	4♐51	T 1
W 2	3 15 37	17°34'33	15°43	6°19	25°31	27° 4	24°55	2°39	24°27	4° 1	11♓ 4	0♈23	28°26	16°51	4°58	W 2
T 3	3 19 34	18°35'13	27°35	7°54	26°46	27°33	25° 7	2°39	24°31	4° 3	11° 4	0°20	28°23	16°58	5° 5	T 3
F 4	3 23 31	19°35'54	9♏24	9°29	28° 1	28° 2	25°20	2°40	24°34	4° 5	11° 3	0°14	28°20	17° 5	5°12	F 4
S 5	3 27 27	20°36'36	21°14	11° 4	29°17	28°31	25°32	2°40	24°37	4° 8	11° 3	0° 5	28°17	17°11	5°19	S 5
S 6	3 31 24	21°37'20	3♐ 5	12°39	0♐32	29° 0	25°45	2°41	24°40	4°10	11° 3	29♓55	28°14	17°18	5°26	S 6
M 7	3 35 20	22°38'06	15° 0	14°14	1°47	29°29	25°57	2°42	24°43	4°12	11° 2	29°44	28°10	17°25	5°33	M 7
T 8	3 39 17	23°38'52	27° 1	15°49	3° 2	29°57	26°10	2°43	24°46	4°14	11° 2	29°34	28° 7	17°31	5°40	T 8
W 9	3 43 13	24°39'40	9♑ 8	17°24	4°18	0♑25	26°22	2°44	24°50	4°17	11° 2	29°24	28° 4	17°38	5°47	W 9
T 10	3 47 10	25°40'29	21°24	18°59	5°33	0°53	26°34	2°45	24°53	4°19	11° 2	29°17	28° 1	17°45	5°54	T 10
F 11	3 51 6	26°41'19	3♒52	20°33	6°48	1°20	26°47	2°47	24°56	4°21	11° 2	29°11	27°58	17°51	6° 1	F 11
S 12	3 55 3	27°42'10	16°35	22° 8	8° 4	1°48	26°59	2°48	24°59	4°23	11° 1	29° 9	27°55	17°58	6° 8	S 12
S 13	3 59 0	28°43'02	29°37	23°43	9°19	2°15	27°11	2°50	25° 3	4°26	11° 1	29°D 8	27°51	18° 5	6°16	S 13
M14	4 2 56	29°43'54	13♓ 1	25°17	10°34	2°42	27°23	2°51	25° 6	4°28	11° 1	29° 9	27°48	18°12	6°23	M14
T 15	4 6 53	0♐44'48	26°51	26°51	11°50	3° 8	27°35	2°53	25° 9	4°30	11° 1	29°R 9	27°45	18°18	6°30	T 15
W16	4 10 49	1°45'42	11♈ 7	28°26	13° 5	3°35	27°47	2°55	25°13	4°32	11° 1	29° 9	27°42	18°25	6°37	W16
T 17	4 14 46	2°46'37	25°48	29°59	14°20	4° 1	27°59	2°57	25°16	4°35	11°D 1	29° 6	27°39	18°32	6°44	T 17
F 18	4 18 42	3°47'33	10♉50	1♐34	15°35	4°27	28°11	2°59	25°20	4°37	11° 1	29° 1	27°35	18°38	6°51	F 18
S 19	4 22 39	4°48'29	26° 5	3° 8	16°51	4°53	28°22	3° 1	25°23	4°39	11° 1	28°53	27°32	18°45	6°58	S 19
S 20	4 26 35	5°49'27	11♊23	4°43	18° 6	5°18	28°34	3° 3	25°26	4°41	11° 1	28°43	27°29	18°52	7° 5	S 20
M21	4 30 32	6°50'26	26°31	6°17	19°21	5°43	28°46	3° 6	25°30	4°44	11° 1	28°32	27°26	18°58	7°13	M21
T 22	4 34 29	7°51'26	11♋21	7°51	20°37	6° 8	28°57	3° 8	25°33	4°46	11° 1	28°22	27°23	19° 5	7°20	T 22
W23	4 38 25	8°52'27	25°45	9°26	21°52	6°33	29° 9	3°11	25°37	4°48	11° 2	28°14	27°20	19°12	7°27	W23
T 24	4 42 22	9°53'29	9♌38	11° 0	23° 7	6°57	29°20	3°13	25°40	4°50	11° 2	28° 7	27°16	19°18	7°34	T 24
F 25	4 46 18	10°54'31	23° 1	12°34	24°22	7°21	29°32	3°16	25°44	4°53	11° 2	28° 4	27°13	19°25	7°41	F 25
S 26	4 50 15	11°55'35	5♍56	14° 9	25°38	7°45	29°43	3°19	25°47	4°55	11° 2	28° 3	27°10	19°32	7°48	S 26
S 27	4 54 11	12°56'40	18°27	15°44	26°53	8° 9	29°54	3°22	25°51	4°57	11° 2	28°D 2	27° 7	19°39	7°55	S 27
M28	4 58 8	13°57'46	0♎40	17°18	28° 8	8°32	0♏ 6	3°25	25°54	4°59	11° 3	28°R 3	27° 4	19°45	8° 2	M28
T 29	5 2 4	14°58'52	12°40	18°53	29°23	8°55	0°17	3°28	25°58	5° 2	11° 3	28° 2	27° 1	19°52	8° 9	T 29
W30	5 6 1	16♐ 0'00	24♎32	20♐29	0♑39	9♍17	0♏28	3♓31	26♐ 2	5♐ 4	11♓ 3	27♓59	26♓57	19♏59	8♐16	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	16s51	1s48	0s18	11s58	1n15	18s46	0n 9	14n27	1n52	8s35	1n 6	12s27	2s 1	23s37	0s12	19s31	1n32	21s31	15s18	0n10	0s36	20s35	17s23	3n52
W 2	17 8	7 28	1 22	12 36	1 9	19 6	0 6	14 18	1 53	8 40	1 6	12 27	2 1	23 37	0 12	19 31	1 32	21 31	15 18	0 9	0 37	20 37	17 24	3 52
T 3	17 25	12 51	2 21	13 13	1 2	19 27	0 4	14 9	1 54	8 44	1 6	12 26	2 0	23 37	0 12	19 32	1 32	21 31	15 17	0 8	0 39	20 40	17 25	3 52
F 4	17 42	17 45	3 14	13 50	0 55	19 46	0 2	14 0	1 55	8 49	1 6	12 26	2 0	23 37	0 12	19 32	1 32	21 31	15 17	0 5	0 40	20 42	17 26	3 53
S 5	17 58	21 58	3 59	14 26	0 49	20 5	0s 1	13 51	1 56	8 53	1 6	12 26	2 0	23 37	0 12	19 33	1 32	21 31	15 17	0 2	0 41	20 45	17 27	3 53
S 6	18 14	25 19	4 33	15 2	0 42	20 24	0 3	13 42	1 57	8 58	1 6	12 25	2 0	23 37	0 12	19 33	1 32	21 31	15 16	0s 2	0 42	20 47	17 28	3 53
M 7	18 30	27 34	4 55	15 37	0 35	20 41	0 6	13 33	1 58	9 2	1 6	12 25	2 0	23 37	0 12	19 34	1 32	21 30	15 16	0 6	0 44	20 50	17 30	3 53
T 8	18 45	28 34	5 5	16 11	0 28	20 59	0 8	13 24	2 0	9 7	1 6	12 24	2 0	23 38	0 12	19 34	1 32	21 30	15 16	0 10	0 45	20 52	17 31	3 53
W 9	19 0	28 13	5 1	16 45	0 21	21 15	0 11	13 15	2 1	9 11	1 6	12 24	2 0	23 38	0 12	19 34	1 32	21 30	15 15	0 14	0 46	20 55	17 32	3 53
T 10	19 15	26 29	4 43	17 18	0 14	21 31	0 13	13 6	2 2	9 15	1 6	12 23	1 59	23 38	0 12	19 35	1 32	21 30	15 15	0 17	0 48	20 57	17 33	3 53
F 11	19 29	23 26	4 11	17 50	0 7	21 47	0 15	12 57	2 3	9 20	1 6	12 22	1 59	23 38	0 12	19 35	1 32	21 29	15 15	0 19	0 49	21 0	17 34	3 53
S 12	19 43	19 13	3 27	18 22	0 1	22 2	0 18	12 49	2 4	9 24	1 6	12 22	1 59	23 38	0 12	19 36	1 32	21 29	15 15	0 20	0 50	21 2	17 35	3 53
S 13	19 57	14 0	2 31	18 52	0s 6	22 16	0 20	12 40	2 6	9 28	1 6	12 21	1 59	23 38	0 12	19 36	1 32	21 29	15 14	0 21	0 51	21 5	17 36	3 53
M14	20 10	8 0	1 25	19 22	0 13	22 29	0 23	12 31	2 7	9 33	1 7	12 20	1 59	23 38	0 12	19 37	1 32	21 29	15 14	0 21	0 53	21 7	17 37	3 54
T 15	20 23	1 27	0 12	19 51	0 19	22 42	0 25	12 23	2 8	9 37	1 7	12 20	1 59	23 38	0 12	19 37	1 32	21 28	15 14	0 20	0 54	21 10	17 38	3 54
W16	20 36	5n23	1n 3	20 18	0 26	22 54	0 27	12 14	2 9	9 41	1 7	12 19	1 58	23 39	0 12	19 37	1 32	21 28	15 13	0 20	0 55	21 12	17 39	3 54
T 17	20 48	12 8	2 17	20 45	0 32	23 6	0 30	12 6	2 11	9 45	1 7	12 18	1 58	23 39	0 12	19 38	1 32	21 28	15 13	0 22	0 56	21 15	17 40	3 54
F 18	20 59	18 20	3 23	21 11	0 39	23 17	0 32	11 58	2 12	9 50	1 7	12 17	1 58	23 39	0 12	19 38	1 32	21 28	15 13	0 24	0 58	21 17	17 41	3 54
S 19	21 11	23 28	4 15	21 36	0 45	23 27	0 34	11 49	2 13	9 54	1 7	12 16	1 58	23 39	0 12	19 39	1 32	21 27	15 12	0 27	0 59	21 19	17 42	3 54
S 20	21 22	27 0	4 49	22 0	0 51	23 36	0 37	11 41	2 14	9 58	1 7	12 15	1 58	23 39	0 12	19 39	1 32	21 27	15 12	0 31	1 0	21 22	17 43	3 54
M21	21 32	28 31	5 2	22 22	0 57	23 45	0 39	11 33	2 16	10 2	1 7	12 14	1 58	23 39	0 12	19 39	1 32	21 27	15 12	0 35	1 1	21 24	17 44	3 55
T 22	21 42	27 56	4 55	22 44	1 3	23 53	0 41	11 25	2 17	10 6	1 7	12 13	1 58	23 39	0 12	19 40	1 32	21 26	15 11	0 39	1 3	21 27	17 45	3 55
W23	21 52	25 28	4 29	23 4	1 8	24 0	0 43	11 17	2 18	10 10	1 7	12 12	1 57	23 39	0 12	19 40	1 32	21 26	15 11	0 42	1 4	21 29	17 46	3 55
T 24	22 1	21 33	3 47	23 24	1 14	24 7	0 46	11 9	2 20	10 14	1 7	12 11	1 57	23 40	0 12	19 41	1 32	21 25	15 11	0 45	1 5	21 31	17 47	3 55
F 25	22 10	16 39	2 54	23 42	1 19	24 12	0 48	11 1	2 21	10 18	1 7	12 10	1 57	23 40	0 12	19 41	1 32	21 25	15 10	0 46	1 7	21 34	17 48	3 55
S 26	22 18	11 9	1 55	23 59	1 24	24 17	0 50	10 54	2 22	10 22	1 7	12 9	1 57	23 40	0 12	19 41	1 32	21 25	15 10	0 47	1 8	21 36	17 49	3 55
S 27	22 26	5 22	0 51	24 14	1 29	24 22	0 52	10 46	2 24	10 26	1 8	12 7	1 57	23 40	0 12	19 42	1 32	21 24	15 10	0 47	1 9	21 39	17 50	3 56
M28	22 34	0s29	0s14	24 29	1 34	24 25	0 54	10 39	2 25	10 30	1 8	12 6	1 57	23 40	0 12	19 42	1 32	21 24	15 9	0 47	1 10	21 41	17 51	3 56
T 29	22 41	6 12	1 17	24 42	1 38	24 28	0 56	10 31	2 27	10 33	1 8	12 5	1 56	23 40	0 12	19 43	1 32	21 24	15 9	0 47	1 12	21 43	17 52	3 56
W30	22s47	11s38	2s15	24s54	1s43	24s30	0s58	10n24	2n28	10s37	1n 8	12s 4	1s56	23s40	0s12	19s43	1n32	21s23	15s 9	0s48	1s13	21s46	17s53	3n56

Julian Day Number = 2202396.5, Delta T = 09m57s
Ecliptic obliquity = 23°31'49, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°13'33, Lahiri = 14°20'34 Julian Calendar 1 Nov. 1317 == Greg. Calendar 9 Nov. 1317

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ASTRODIENST EPHEMERIS for the year 1317
geocentric

DECEMBER 1317 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	5 9 58	17♐ 1'08	6♏20	22♐ 4	1♑54	9♍39	0♏39	3♓35	26♐ 5	5♐ 6	11♓ 4	27°R53	26♓54	20♏ 5	8♐24	T 1
F 2	5 13 54	18° 2'17	18° 9	23°39	3° 9	10° 1	0°50	3°38	26° 9	5° 8	11° 4	27♓44	26°51	20°12	8°31	F 2
S 3	5 17 51	19° 3'27	0♐ 0	25°15	4°24	10°23	1° 0	3°42	26°12	5°11	11° 4	27°33	26°48	20°19	8°38	S 3
S 4	5 21 47	20° 4'37	11°57	26°51	5°39	10°44	1°11	3°45	26°16	5°13	11° 5	27°19	26°45	20°25	8°45	S 4
M 5	5 25 44	21° 5'48	24° 0	28°26	6°55	11° 5	1°22	3°49	26°19	5°15	11° 5	27° 4	26°41	20°32	8°52	M 5
T 6	5 29 40	22° 6'59	6♑11	0♑ 2	8°10	11°25	1°32	3°53	26°23	5°17	11° 6	26°49	26°38	20°39	8°59	T 6
W 7	5 33 37	23° 8'11	18°30	1°39	9°25	11°45	1°42	3°57	26°27	5°19	11° 6	26°35	26°35	20°46	9° 6	W 7
T 8	5 37 34	24° 9'22	0♒58	3°15	10°40	12° 5	1°53	4° 1	26°30	5°22	11° 7	26°24	26°32	20°52	9°13	T 8
F 9	5 41 30	25°10'34	13°36	4°51	11°55	12°24	2° 3	4° 5	26°34	5°24	11° 7	26°16	26°29	20°59	9°19	F 9
S 10	5 45 27	26°11'46	26°25	6°28	13°11	12°43	2°13	4° 9	26°37	5°26	11° 8	26°11	26°26	21° 6	9°26	S 10
S 11	5 49 23	27°12'57	9♓29	8° 4	14°26	13° 1	2°23	4°13	26°41	5°28	11° 8	26° 9	26°22	21°12	9°33	S 11
M12	5 53 20	28°14'09	22°50	9°41	15°41	13°19	2°33	4°17	26°45	5°30	11° 9	26° 8	26°19	21°19	9°40	M12
T 13	5 57 16	29°15'20	6♈30	11°17	16°56	13°37	2°43	4°22	26°48	5°32	11° 9	26° 8	26°16	21°26	9°47	T 13
W14	6 1 13	0♉16'31	20°30	12°54	18°11	13°54	2°53	4°26	26°52	5°34	11°10	26° 7	26°13	21°32	9°54	W14
T 15	6 5 9	1°17'41	4♉52	14°30	19°26	14°11	3° 2	4°31	26°56	5°36	11°11	26° 4	26°10	21°39	10° 1	T 15
F 16	6 9 6	2°18'52	19°33	16° 5	20°41	14°27	3°12	4°35	26°59	5°39	11°11	25°58	26° 7	21°46	10° 7	F 16
S 17	6 13 3	3°20'02	4♊28	17°41	21°56	14°43	3°21	4°40	27° 3	5°41	11°12	25°50	26° 3	21°53	10°14	S 17
S 18	6 16 59	4°21'12	19°30	19°15	23°11	14°58	3°31	4°45	27° 6	5°43	11°13	25°39	26° 0	21°59	10°21	S 18
M19	6 20 56	5°22'22	4♋28	20°49	24°26	15°13	3°40	4°50	27°10	5°45	11°14	25°27	25°57	22° 6	10°27	M19
T 20	6 24 52	6°23'32	19°13	22°21	25°42	15°27	3°49	4°55	27°13	5°47	11°14	25°16	25°54	22°13	10°34	T 20
W21	6 28 49	7°24'42	3♌37	23°52	26°57	15°41	3°58	5° 0	27°17	5°49	11°15	25° 6	25°51	22°19	10°41	W21
T 22	6 32 45	8°25'51	17°35	25°22	28°12	15°55	4° 7	5° 5	27°21	5°51	11°16	24°58	25°47	22°26	10°47	T 22
F 23	6 36 42	9°27'00	1♍ 4	26°49	29°26	16° 7	4°15	5°10	27°24	5°53	11°17	24°53	25°44	22°33	10°54	F 23
S 24	6 40 38	10°28'10	14° 5	28°14	0♒41	16°20	4°24	5°15	27°28	5°55	11°18	24°51	25°41	22°39	11° 0	S 24
S 25	6 44 35	11°29'19	26°42	29°36	1°56	16°31	4°32	5°21	27°31	5°57	11°19	24°D51	25°38	22°46	11° 7	S 25
M26	6 48 32	12°30'27	8♎59	0♒55	3°11	16°43	4°41	5°26	27°35	5°59	11°19	24°R51	25°35	22°53	11°13	M26
T 27	6 52 28	13°31'36	21° 1	2°10	4°26	16°53	4°49	5°31	27°38	6° 0	11°20	24°51	25°32	23° 0	11°19	T 27
W28	6 56 25	14°32'45	2♏54	3°19	5°41	17° 3	4°57	5°37	27°42	6° 2	11°21	24°49	25°28	23° 6	11°26	W28
T 29	7 0 21	15°33'53	14°43	4°24	6°56	17°13	5° 5	5°43	27°45	6° 4	11°22	24°45	25°25	23°13	11°32	T 29
F 30	7 4 18	16°35'01	26°33	5°22	8°11	17°21	5°13	5°48	27°49	6° 6	11°23	24°38	25°22	23°20	11°38	F 30
S 31	7 8 14	17♑36'09	8♐27	6♒12	9♒26	17♍30	5♏21	5♓54	27♐52	6♐ 8	11♓24	24♓29	25♓19	23♏26	11♐44	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22s54	16s38	3s 8	25s 4	1s47	24s31	1s 0	10n17	2n29	10s41	1n 8	12s 2	1s56	23s40	0s12	19s43	1n32	21s23	15s 8	0s51	1s14	21s48	17s54	3n56
F 2	22 59	21 0	3 52	25 13	1 50	24 32	1 2	10 10	2 31	10 45	1 8	12 1	1 56	23 41	0 12	19 44	1 32	21 22	15 8	0 54	1 15	21 50	17 55	3 57
S 3	23 5	24 33	4 26	25 21	1 54	24 31	1 4	10 3	2 32	10 48	1 8	11 59	1 56	23 41	0 12	19 44	1 32	21 22	15 8	0 59	1 17	21 53	17 56	3 57
S 4	23 9	27 5	4 49	25 27	1 57	24 30	1 6	9 56	2 34	10 52	1 8	11 58	1 56	23 41	0 12	19 45	1 32	21 21	15 7	1 4	1 18	21 55	17 56	3 57
M 5	23 14	28 22	4 59	25 31	2 0	24 29	1 8	9 50	2 35	10 55	1 8	11 56	1 56	23 41	0 12	19 45	1 32	21 21	15 7	1 10	1 19	21 57	17 57	3 57
T 6	23 18	28 18	4 55	25 34	2 3	24 26	1 10	9 43	2 37	10 59	1 8	11 55	1 55	23 41	0 12	19 45	1 32	21 20	15 7	1 16	1 20	22 0	17 58	3 57
W 7	23 21	26 50	4 38	25 36	2 5	24 23	1 11	9 37	2 38	11 2	1 9	11 53	1 55	23 41	0 12	19 46	1 32	21 20	15 6	1 22	1 22	22 2	17 59	3 58
T 8	23 24	24 2	4 7	25 36	2 7	24 19	1 13	9 31	2 40	11 6	1 9	11 52	1 55	23 41	0 12	19 46	1 32	21 19	15 6	1 26	1 23	22 4	18 0	3 58
F 9	23 27	20 4	3 24	25 34	2 8	24 14	1 15	9 25	2 41	11 9	1 9	11 50	1 55	23 41	0 12	19 47	1 32	21 19	15 6	1 29	1 24	22 7	18 0	3 58
S 10	23 29	15 6	2 30	25 31	2 9	24 8	1 16	9 19	2 43	11 13	1 9	11 49	1 55	23 41	0 12	19 47	1 32	21 18	15 5	1 31	1 26	22 9	18 1	3 59
S 11	23 30	9 23	1 27	25 27	2 10	24 2	1 18	9 13	2 44	11 16	1 9	11 47	1 55	23 41	0 12	19 47	1 32	21 18	15 5	1 32	1 27	22 11	18 2	3 59
M12	23 31	3 7	0 17	25 20	2 10	23 55	1 19	9 8	2 46	11 19	1 9	11 45	1 55	23 42	0 12	19 48	1 32	21 17	15 5	1 32	1 28	22 14	18 3	3 59
T 13	23 32	3n25	0n54	25 12	2 10	23 47	1 21	9 2	2 47	11 23	1 9	11 43	1 55	23 42	0 12	19 48	1 32	21 17	15 4	1 32	1 29	22 16	18 3	3 59
W14	23 32	9 58	2 5	25 2	2 9	23 39	1 22	8 57	2 49	11 26	1 9	11 42	1 54	23 42	0 12	19 48	1 32	21 16	15 4	1 33	1 31	22 18	18 4	4 0
T 15	23 31	16 10	3 9	24 51	2 8	23 29	1 23	8 52	2 51	11 29	1 10	11 40	1 54	23 42	0 12	19 49	1 32	21 16	15 4	1 34	1 32	22 20	18 5	4 0
F 16	23 31	21 34	4 2	24 38	2 6	23 19	1 25	8 47	2 52	11 32	1 10	11 38	1 54	23 42	0 12	19 49	1 32	21 15	15 3	1 36	1 33	22 23	18 5	4 0
S 17	23 29	25 42	4 40	24 24	2 3	23 9	1 26	8 43	2 54	11 35	1 10	11 36	1 54	23 42	0 12	19 49	1 32	21 15	15 3	1 40	1 34	22 25	18 6	4 0
S 18	23 27	28 4	4 58	24 7	2 0	22 57	1 27	8 38	2 55	11 38	1 10	11 34	1 54	23 42	0 12	19 50	1 32	21 14	15 3	1 44	1 36	22 27	18 7	4 1
M19	23 25	28 24	4 57	23 50	1 56	22 45	1 28	8 34	2 57	11 41	1 10	11 32	1 54	23 42	0 12	19 50	1 32	21 14	15 3	1 49	1 37	22 29	18 7	4 1
T 20	23 23	26 41	4 35	23 30	1 52	22 33	1 29	8 30	2 59	11 44	1 10	11 30	1 54	23 42	0 12	19 50	1 32	21 13	15 2	1 53	1 38	22 32	18 8	4 1
W21	23 19	23 14	3 56	23 10	1 47	22 19	1 30	8 26	3 0	11 47	1 10	11 29	1 54	23 42	0 12	19 51	1 32	21 12	15 2	1 57	1 39	22 34	18 9	4 2
T 22	23 16	18 32	3 3	22 48	1 41	22 5	1 31	8 22	3 2	11 50	1 10	11 27	1 54	23 42	0 12	19 51	1 32	21 12	15 2	2 0	1 41	22 36	18 9	4 2
F 23	23 12	13 3	2 2	22 24	1 34	21 50	1 32	8 19	3 4	11 53	1 11	11 25	1 53	23 43	0 12	19 51	1 32	21 11	15 1	2 2	1 42	22 38	18 10	4 2
S 24	23 7	7 9	0 57	22 0	1 26	21 35	1 32	8 16	3 5	11 56	1 11	11 23	1 53	23 43	0 12	19 52	1 32	21 11	15 1	2 3	1 43	22 41	18 10	4 3
S 25	23 2	1 10	0s10	21 34	1 17	21 19	1 33	8 13	3 7	11 58	1 11	11 20	1 53	23 43	0 12	19 52	1 32	21 10	15 1	2 3	1 45	22 43	18 11	4 3
M26	22 56	4s43	1 14	21 8	1 8	21 2	1 34	8 10	3 9	12 1	1 11	11 18	1 53	23 43	0 12	19 52	1 32	21 9	15 1	2 3	1 46	22 45	18 11	4 3
T 27	22 50	10 18	2 14	20 41	0 57	20 45	1 34	8 7	3 11	12 4	1 11	11 16	1 53	23 43	0 12	19 53	1 32	21 9	15 0	2 3	1 47	22 47	18 12	4 4
W28	22 44	15 27	3 7	20 13	0 46	20 27	1 35	8 5	3 12	12 6	1 11	11 14	1 53	23 43	0 12	19 53	1 32	21 8	15 0	2 4	1 48	22 49	18 12	4 4
T 29	22 37	20 0	3 52	19 46	0 33	20 9	1 35	8 3	3 14	12 9	1 11	11 12	1 53	23 43	0 12	19 53	1 32	21 8	15 0	2 6	1 50	22 52	18 13	4 4
F 30	22 30	23 47	4 27	19 19	0 19	19 50	1 36	8 1	3 16	12 11	1 12	11 10	1 53	23 43	0 12	19 53	1 32	21 7	15 0	2 8	1 51	22 54	18 13	4 5
S 31	22s22	26s35	4s51	18s52	0s 5	19s30	1s36	7n59	3n18	12s14	1n12	11s 8	1s53	23s43	0s12	19s54	1n32	21s 6	14s59	2s12	1s52	22s56	18s14	4n 5

Julian Day Number = 2202426.5, Delta T = 09m57s
Ecliptic obliquity = 23°31'49, Nutation = 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°13'38, Lahiri = 14°20'38 Julian Calendar 1 Dec. 1317 == Greg. Calendar 9 Dec. 1317

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ASTRODIENST EPHEMERIS for the year 1318
geocentric

JANUARY 1318 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	7 12 11	18♉37'17	20♐29	6♒55	10♒41	17♍37	5♏28	6♓ 0	27♐56	6♐10	11♓25	24°R17	25♓16	23♏33	11♐50	S 1
M 2	7 16 7	19°38'23	2♉42	7°29	11°55	17°44	5°36	6° 6	27°59	6°11	11°26	24♓ 5	25°13	23°40	11°57	M 2
T 3	7 20 4	20°39'30	15° 5	7°53	13°10	17°50	5°43	6°12	28° 2	6°13	11°27	23°52	25° 9	23°46	12° 3	T 3
W 4	7 24 1	21°40'35	27°39	8° 6	14°25	17°56	5°50	6°17	28° 6	6°15	11°28	23°41	25° 6	23°53	12° 9	W 4
T 5	7 27 57	22°41'40	10♒25	8°R 9	15°40	18° 1	5°57	6°23	28° 9	6°17	11°30	23°31	25° 3	24° 0	12°15	T 5
F 6	7 31 54	23°42'44	23°22	8° 0	16°54	18° 5	6° 4	6°30	28°13	6°18	11°31	23°24	25° 0	24° 7	12°20	F 6
S 7	7 35 50	24°43'47	6♓30	7°40	18° 9	18° 8	6°11	6°36	28°16	6°20	11°32	23°20	24°57	24°13	12°26	S 7
S 8	7 39 47	25°44'48	19°49	7° 8	19°24	18°11	6°18	6°42	28°19	6°22	11°33	23°D19	24°53	24°20	12°32	S 8
M 9	7 43 43	26°45'49	3♈20	6°25	20°38	18°13	6°24	6°48	28°23	6°23	11°34	23°19	24°50	24°27	12°38	M 9
T 10	7 47 40	27°46'48	17° 3	5°33	21°53	18°15	6°30	6°54	28°26	6°25	11°35	23°20	24°47	24°33	12°43	T 10
W11	7 51 36	28°47'46	0♉58	4°33	23° 8	18°R15	6°36	7° 1	28°29	6°26	11°36	23°R21	24°44	24°40	12°49	W11
T 12	7 55 33	29°48'43	15° 7	3°26	24°22	18°15	6°42	7° 7	28°32	6°28	11°38	23°19	24°41	24°47	12°55	T 12
F 13	7 59 30	0♒49'38	29°28	2°14	25°37	18°14	6°48	7°14	28°35	6°29	11°39	23°16	24°38	24°54	13° 0	F 13
S 14	8 3 26	1°50'33	13♊57	1° 0	26°51	18°13	6°54	7°20	28°39	6°31	11°40	23°11	24°34	25° 0	13° 6	S 14
S 15	8 7 23	2°51'25	28°31	29♉46	28° 6	18°10	6°59	7°27	28°42	6°32	11°41	23° 3	24°31	25° 7	13°11	S 15
M16	8 11 19	3°52'17	13♋ 3	28°34	29°20	18° 7	7° 5	7°33	28°45	6°34	11°43	22°55	24°28	25°14	13°16	M16
T 17	8 15 16	4°53'07	27°26	27°25	0♓34	18° 3	7°10	7°40	28°48	6°35	11°44	22°47	24°25	25°20	13°21	T 17
W18	8 19 12	5°53'56	11♌33	26°22	1°49	17°59	7°15	7°47	28°51	6°37	11°45	22°40	24°22	25°27	13°27	W18
T 19	8 23 9	6°54'44	25°21	25°25	3° 3	17°53	7°20	7°53	28°54	6°38	11°47	22°35	24°19	25°34	13°32	T 19
F 20	8 27 6	7°55'30	8♍46	24°35	4°17	17°47	7°25	8° 0	28°57	6°39	11°48	22°32	24°15	25°40	13°37	F 20
S 21	8 31 2	8°56'16	21°47	23°54	5°32	17°40	7°29	8° 7	29° 0	6°41	11°49	22°D31	24°12	25°47	13°42	S 21
S 22	8 34 59	9°57'00	4♎27	23°20	6°46	17°32	7°34	8°14	29° 3	6°42	11°51	22°32	24° 9	25°54	13°47	S 22
M23	8 38 55	10°57'43	16°48	22°55	8° 0	17°24	7°38	8°21	29° 6	6°43	11°52	22°33	24° 6	26° 1	13°52	M23
T 24	8 42 52	11°58'25	28°54	22°38	9°14	17°14	7°42	8°27	29° 9	6°44	11°53	22°35	24° 3	26° 7	13°56	T 24
W25	8 46 48	12°59'06	10♏50	22°28	10°28	17° 4	7°46	8°34	29°12	6°46	11°55	22°R35	23°59	26°14	14° 1	W25
T 26	8 50 45	13°59'45	22°41	22°D26	11°42	16°53	7°49	8°41	29°15	6°47	11°56	22°35	23°56	26°21	14° 6	T 26
F 27	8 54 41	15° 0'24	4♐33	22°31	12°56	16°42	7°53	8°48	29°17	6°48	11°57	22°33	23°53	26°27	14°10	F 27
S 28	8 58 38	16° 1'01	16°29	22°43	14°10	16°29	7°56	8°55	29°20	6°49	11°59	22°29	23°50	26°34	14°15	S 28
S 29	9 2 35	17° 1'37	28°35	23° 1	15°24	16°16	7°59	9° 3	29°23	6°50	12° 0	22°24	23°47	26°41	14°19	S 29
M30	9 6 31	18° 2'12	10♉53	23°25	16°38	16° 2	8° 2	9°10	29°26	6°51	12° 2	22°18	23°44	26°48	14°24	M30
T 31	9 10 28	19♒ 2'45	23♉26	23♉54	17♓52	15♍47	8♏ 5	9♓17	29♐28	6♐52	12♓ 3	22♓12	23♓40	26♏54	14♐28	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22s14	28s12	5s 1	18s26	0n11	19s10	1s36	7n58	3n19	12s16	1n12	11s 5	1s53	23s43	0s12	19s54	1n32	21s 6	14s59	2s17	1s53	22s58	18s14	4n 6
M 2	22 5	28 29	4 59	18 2	0 27	18 49	1 36	7 57	3 21	12 18	1 12	11 3	1 52	23 43	0 12	19 54	1 32	21 5	14 59	2 22	1 55	23 0	18 15	4 6
T 3	21 56	27 21	4 42	17 39	0 44	18 28	1 36	7 56	3 23	12 21	1 12	11 1	1 52	23 43	0 12	19 55	1 32	21 4	14 59	2 27	1 56	23 2	18 15	4 6
W 4	21 47	24 49	4 11	17 19	1 2	18 6	1 36	7 55	3 25	12 23	1 12	10 58	1 52	23 43	0 12	19 55	1 33	21 4	14 58	2 31	1 57	23 5	18 15	4 7
T 5	21 37	21 1	3 28	17 0	1 20	17 44	1 36	7 55	3 26	12 25	1 13	10 56	1 52	23 43	0 12	19 55	1 33	21 3	14 58	2 35	1 58	23 7	18 16	4 7
F 6	21 26	16 11	2 33	16 45	1 38	17 21	1 36	7 55	3 28	12 27	1 13	10 54	1 52	23 44	0 12	19 55	1 33	21 3	14 58	2 38	2 0	23 9	18 16	4 8
S 7	21 16	10 32	1 29	16 33	1 57	16 58	1 36	7 55	3 30	12 29	1 13	10 51	1 52	23 44	0 12	19 56	1 33	21 2	14 58	2 39	2 1	23 11	18 16	4 8
S 8	21 5	4 20	0 19	16 24	2 14	16 34	1 36	7 56	3 32	12 31	1 13	10 49	1 52	23 44	0 12	19 56	1 33	21 1	14 57	2 40	2 2	23 13	18 17	4 8
M 9	20 53	2n 9	0n53	16 18	2 31	16 10	1 35	7 57	3 33	12 33	1 13	10 47	1 52	23 44	0 12	19 56	1 33	21 1	14 57	2 40	2 4	23 15	18 17	4 9
T 10	20 41	8 37	2 4	16 15	2 47	15 46	1 35	7 58	3 35	12 35	1 13	10 44	1 52	23 44	0 12	19 56	1 33	21 0	14 57	2 39	2 5	23 17	18 17	4 9
W11	20 29	14 47	3 8	16 16	3 1	15 21	1 34	7 59	3 37	12 37	1 14	10 42	1 52	23 44	0 13	19 57	1 33	20 59	14 57	2 39	2 6	23 20	18 18	4 10
T 12	20 16	20 16	4 1	16 20	3 13	14 55	1 34	8 1	3 39	12 39	1 14	10 39	1 52	23 44	0 13	19 57	1 33	20 59	14 56	2 40	2 7	23 22	18 18	4 10
F 13	20 3	24 40	4 41	16 26	3 23	14 29	1 33	8 3	3 40	12 40	1 14	10 37	1 52	23 44	0 13	19 57	1 33	20 58	14 56	2 41	2 9	23 24	18 18	4 11
S 14	19 49	27 34	5 2	16 34	3 31	14 3	1 32	8 5	3 42	12 42	1 14	10 34	1 52	23 44	0 13	19 57	1 33	20 57	14 56	2 43	2 10	23 26	18 18	4 11
S 15	19 36	28 36	5 5	16 45	3 37	13 37	1 32	8 7	3 44	12 44	1 14	10 32	1 52	23 44	0 13	19 57	1 33	20 57	14 56	2 46	2 11	23 28	18 19	4 11
M16	19 22	27 40	4 48	16 57	3 39	13 10	1 31	8 10	3 45	12 45	1 15	10 29	1 51	23 44	0 13	19 58	1 33	20 56	14 56	2 49	2 12	23 30	18 19	4 12
T 17	19 7	24 53	4 13	17 10	3 40	12 43	1 30	8 13	3 47	12 47	1 15	10 27	1 51	23 44	0 13	19 58	1 33	20 55	14 55	2 52	2 14	23 32	18 19	4 12
W18	18 52	20 37	3 22	17 24	3 38	12 15	1 29	8 16	3 49	12 48	1 15	10 24	1 51	23 44	0 13	19 58	1 33	20 55	14 55	2 55	2 15	23 34	18 19	4 13
T 19	18 37	15 20	2 21	17 38	3 34	11 47	1 28	8 20	3 50	12 50	1 15	10 22	1 51	23 44	0 13	19 58	1 33	20 54	14 55	2 57	2 16	23 36	18 19	4 13
F 20	18 21	9 27	1 14	17 52	3 28	11 19	1 27	8 24	3 52	12 51	1 15	10 19	1 51	23 44	0 13	19 58	1 33	20 53	14 55	2 58	2 17	23 38	18 19	4 14
S 21	18 5	3 20	0 4	18 6	3 21	10 50	1 25	8 28	3 53	12 52	1 15	10 17	1 51	23 44	0 13	19 59	1 33	20 52	14 55	2 59	2 19	23 40	18 19	4 14
S 22	17 49	2s45	1s 4	18 20	3 13	10 22	1 24	8 33	3 55	12 54	1 16	10 14	1 51	23 44	0 13	19 59	1 33	20 52	14 55	2 59	2 20	23 42	18 20	4 15
M23	17 33	8 35	2 8	18 34	3 3	9 53	1 23	8 37	3 57	12 55	1 16	10 11	1 51	23 44	0 13	19 59	1 33	20 51	14 54	2 58	2 21	23 44	18 20	4 15
T 24	17 16	13 59	3 4	18 47	2 53	9 23	1 21	8 42	3 58	12 56	1 16	10 9	1 51	23 44	0 13	19 59	1 33	20 50	14 54	2 57	2 22	23 46	18 20	4 16
W25	16 59	18 48	3 52	18 59	2 42	8 54	1 20	8 48	3 59	12 57	1 16	10 6	1 51	23 44	0 13	19 59	1 33	20 50	14 54	2 57	2 24	23 48	18 20	4 16
T 26	16 41	22 51	4 30	19 11	2 30	8 24	1 18	8 53	4 1	12 58	1 16	10 3	1 51	23 44	0 13	19 59	1 33	20 49	14 54	2 57	2 25	23 50	18 20	4 17
F 27	16 24	25 58	4 56	19 22	2 18	7 54	1 16	8 59	4 2	12 59	1 17	10 1	1 51	23 44	0 13	20 0	1 33	20 48	14 54	2 58	2 26	23 52	18 20	4 17
S 28	16 6	27 58	5 9	19 32	2 6	7 24	1 15	9 5	4 3	13 0	1 17	9 58	1 51	23 44	0 13	20 0	1 33	20 48	14 54	3 0	2 28	23 54	18 20	4 18
S 29	15 48	28 40	5 9	19 41	1 54	6 54	1 13	9 11	4 5	13 1	1 17	9 55	1 51	23 45	0 13	20 0	1 33	20 47	14 54	3 2	2 29	23 56	18 20	4 18
M30	15 29	27 59	4 55	19 49	1 42	6 23	1 11	9 18	4 6	13 2	1 17	9 53	1 51	23 45	0 13	20 0	1 34	20 46	14 54	3 4	2 30	23 58	18 20	4 19
T 31	15s10	25s51	4s26	19s56	1n30	5s52	1s 9	9n25	4n 7	13s 2	1n17	9s50	1s51	23s45	0s13	20s 0	1n34	20s46	14s53	3s 6	2s31	24s 0	18s20	4n19

Julian Day Number = 2202457.5, Delta T = 09m57s
Ecliptic obliquity = 23°31'49, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°13'42, Lahiri = 14°20'42 Julian Calendar 1 Jan. 1318 == Greg. Calendar 9 Jan. 1318

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ASTRODIENST EPHEMERIS for the year 1318
geocentric

FEBRUARY 1318 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	9 14 24	20♒ 3'17	6♒15	24♉28	19♓ 6	15°R32	8♏ 8	9♓24	29♐31	6♐53	12♓ 5	22°R 6	23♓37	27♏ 1	14♐32	W 1
T 2	9 18 21	21° 3'48	19°20	25° 7	20°19	15♍15	8°10	9°31	29°33	6°54	12° 6	22♓ 2	23°34	27° 8	14°36	T 2
F 3	9 22 17	22° 4'16	2♓39	25°49	21°33	14°58	8°12	9°38	29°36	6°55	12° 8	21°59	23°31	27°14	14°40	F 3
S 4	9 26 14	23° 4'43	16°12	26°36	22°47	14°41	8°15	9°46	29°38	6°56	12° 9	21°D57	23°28	27°21	14°44	S 4
S 5	9 30 10	24° 5'08	29°56	27°26	24° 0	14°23	8°16	9°53	29°41	6°56	12°11	21°57	23°25	27°28	14°48	S 5
M 6	9 34 7	25° 5'31	13♈50	28°19	25°14	14° 4	8°18	10° 0	29°43	6°57	12°12	21°58	23°21	27°34	14°52	M 6
T 7	9 38 4	26° 5'52	27°50	29°16	26°27	13°45	8°20	10° 7	29°46	6°58	12°14	22° 0	23°18	27°41	14°55	T 7
W 8	9 42 0	27° 6'11	11♉56	0♒15	27°41	13°25	8°21	10°15	29°48	6°59	12°15	22° 1	23°15	27°48	14°59	W 8
T 9	9 45 57	28° 6'29	26° 6	1°17	28°54	13° 4	8°22	10°22	29°50	6°59	12°17	22°R 2	23°12	27°55	15° 3	T 9
F 10	9 49 53	29° 6'44	10♊17	2°21	0♈ 7	12°44	8°23	10°29	29°53	7° 0	12°18	22° 2	23° 9	28° 1	15° 6	F 10
S 11	9 53 50	0♓ 6'57	24°28	3°28	1°21	12°22	8°24	10°37	29°55	7° 1	12°20	22° 0	23° 5	28° 8	15° 9	S 11
S 12	9 57 46	1° 7'08	8♋36	4°36	2°34	12° 1	8°24	10°44	29°57	7° 1	12°21	21°58	23° 2	28°15	15°13	S 12
M13	10 1 43	2° 7'17	22°38	5°47	3°47	11°38	8°25	10°51	29°59	7° 2	12°23	21°55	22°59	28°21	15°16	M13
T 14	10 5 39	3° 7'23	6♌31	7° 0	5° 0	11°16	8°25	10°59	0♉ 1	7° 3	12°24	21°52	22°56	28°28	15°19	T 14
W15	10 9 36	4° 7'28	20°12	8°14	6°13	10°53	8°R25	11° 6	0° 3	7° 3	12°26	21°50	22°53	28°35	15°22	W15
T 16	10 13 33	5° 7'31	3♍38	9°31	7°26	10°30	8°25	11°14	0° 5	7° 4	12°27	21°48	22°50	28°42	15°25	T 16
F 17	10 17 29	6° 7'31	16°46	10°49	8°39	10° 7	8°24	11°21	0° 7	7° 4	12°29	21°D47	22°46	28°48	15°28	F 17
S 18	10 21 26	7° 7'30	29°38	12° 8	9°52	9°44	8°24	11°29	0° 9	7° 4	12°30	21°47	22°43	28°55	15°31	S 18
S 19	10 25 22	8° 7'27	12♎13	13°29	11° 4	9°20	8°23	11°36	0°11	7° 5	12°32	21°48	22°40	29° 2	15°33	S 19
M20	10 29 19	9° 7'22	24°32	14°52	12°17	8°57	8°22	11°43	0°13	7° 5	12°34	21°49	22°37	29° 8	15°36	M20
T 21	10 33 15	10° 7'16	6♏39	16°16	13°30	8°33	8°21	11°51	0°15	7° 5	12°35	21°51	22°34	29°15	15°38	T 21
W22	10 37 12	11° 7'08	18°36	17°41	14°42	8° 9	8°20	11°58	0°17	7° 6	12°37	21°52	22°30	29°22	15°41	W22
T 23	10 41 8	12° 6'58	0♐29	19° 8	15°54	7°46	8°18	12° 6	0°18	7° 6	12°38	21°52	22°27	29°29	15°43	T 23
F 24	10 45 5	13° 6'46	12°22	20°36	17° 7	7°22	8°17	12°13	0°20	7° 6	12°40	21°R53	22°24	29°35	15°45	F 24
S 25	10 49 2	14° 6'33	24°19	22° 6	18°19	6°59	8°15	12°21	0°21	7° 6	12°41	21°52	22°21	29°42	15°47	S 25
S 26	10 52 58	15° 6'18	6♑25	23°36	19°31	6°36	8°13	12°28	0°23	7° 6	12°43	21°52	22°18	29°49	15°49	S 26
M27	10 56 55	16° 6'01	18°45	25° 8	20°44	6°13	8°10	12°36	0°25	7° 7	12°45	21°51	22°15	29°55	15°51	M27
T 28	11 0 51	17♓ 5'42	1♒21	26♒42	21♈56	5♍50	8♏ 8	12♓43	0♉26	7♐ 7	12♓46	21♓51	22♓11	0♐ 2	15♐53	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	14s51	22s23	3s44	20s 2	1n18	5s22	1s 7	9n32	4n 8	13s 3	1n18	9s47	1s51	23s45	0s13	20s 0	1n34	20s45	14s53	3s 9	2s33	24s 2	18s20	4n20
T 2	14 32	17 45	2 49	20 6	1 6	4 51	1 5	9 39	4 9	13 3	1 18	9 44	1 51	23 45	0 13	20 0	1 34	20 44	14 53	3 10	2 34	24 4	18 20	4 20
F 3	14 12	12 11	1 44	20 10	0 55	4 20	1 3	9 46	4 10	13 4	1 18	9 42	1 51	23 45	0 13	20 0	1 34	20 44	14 53	3 12	2 35	24 6	18 20	4 21
S 4	13 53	5 57	0 31	20 12	0 43	3 48	1 1	9 54	4 11	13 5	1 18	9 39	1 51	23 45	0 13	20 1	1 34	20 43	14 53	3 12	2 36	24 8	18 20	4 21
S 5	13 33	0n39	0n44	20 14	0 32	3 17	0 59	10 2	4 11	13 5	1 18	9 36	1 51	23 45	0 13	20 1	1 34	20 42	14 53	3 12	2 38	24 10	18 19	4 22
M 6	13 12	7 16	1 57	20 14	0 21	2 46	0 56	10 10	4 12	13 5	1 18	9 33	1 51	23 45	0 13	20 1	1 34	20 42	14 53	3 12	2 39	24 12	18 19	4 22
T 7	12 52	13 36	3 4	20 12	0 11	2 14	0 54	10 18	4 13	13 6	1 19	9 31	1 51	23 45	0 13	20 1	1 34	20 41	14 53	3 11	2 40	24 14	18 19	4 23
W 8	12 31	19 17	4 1	20 10	0 1	1 43	0 51	10 26	4 13	13 6	1 19	9 28	1 51	23 45	0 13	20 1	1 34	20 40	14 53	3 11	2 41	24 16	18 19	4 24
T 9	12 11	23 56	4 43	20 6	0s 9	1 11	0 49	10 34	4 13	13 6	1 19	9 25	1 51	23 45	0 13	20 1	1 34	20 40	14 53	3 10	2 43	24 18	18 19	4 24
F 10	11 50	27 9	5 8	20 1	0 19	0 40	0 46	10 43	4 14	13 6	1 19	9 22	1 51	23 45	0 13	20 1	1 34	20 39	14 53	3 11	2 44	24 20	18 19	4 25
S 11	11 28	28 39	5 14	19 55	0 28	0 8	0 44	10 51	4 14	13 6	1 19	9 19	1 51	23 45	0 13	20 1	1 34	20 38	14 52	3 11	2 45	24 22	18 18	4 25
S 12	11 7	28 16	5 1	19 47	0 37	0n24	0 41	11 0	4 14	13 6	1 20	9 17	1 51	23 45	0 13	20 1	1 34	20 38	14 52	3 12	2 46	24 24	18 18	4 26
M13	10 46	26 4	4 31	19 38	0 45	0 55	0 38	11 8	4 14	13 6	1 20	9 14	1 51	23 45	0 13	20 1	1 34	20 37	14 52	3 13	2 48	24 26	18 18	4 26
T 14	10 24	22 20	3 44	19 28	0 54	1 27	0 36	11 17	4 14	13 6	1 20	9 11	1 51	23 45	0 13	20 1	1 34	20 36	14 52	3 14	2 49	24 28	18 18	4 27
W15	10 2	17 25	2 46	19 16	1 1	1 58	0 33	11 25	4 14	13 6	1 20	9 8	1 51	23 45	0 13	20 1	1 34	20 36	14 52	3 15	2 50	24 29	18 18	4 27
T 16	9 40	11 45	1 39	19 3	1 9	2 30	0 30	11 34	4 14	13 6	1 20	9 5	1 51	23 45	0 13	20 1	1 34	20 35	14 52	3 16	2 51	24 31	18 17	4 28
F 17	9 18	5 40	0 28	18 48	1 16	3 1	0 27	11 42	4 13	13 5	1 21	9 3	1 51	23 45	0 13	20 1	1 34	20 35	14 52	3 16	2 53	24 33	18 17	4 29
S 18	8 56	0s31	0s43	18 33	1 23	3 33	0 24	11 51	4 13	13 5	1 21	9 0	1 51	23 45	0 13	20 1	1 34	20 34	14 52	3 16	2 54	24 35	18 17	4 29
S 19	8 33	6 32	1 51	18 16	1 29	4 4	0 21	11 59	4 12	13 5	1 21	8 57	1 51	23 45	0 13	20 1	1 34	20 33	14 52	3 16	2 55	24 37	18 16	4 30
M20	8 11	12 12	2 51	17 57	1 35	4 36	0 18	12 8	4 12	13 4	1 21	8 54	1 51	23 45	0 13	20 1	1 34	20 33	14 52	3 15	2 57	24 39	18 16	4 30
T 21	7 48	17 18	3 43	17 37	1 41	5 7	0 15	12 16	4 11	13 4	1 21	8 51	1 51	23 45	0 13	20 1	1 35	20 32	14 52	3 15	2 58	24 41	18 16	4 31
W22	7 25	21 40	4 25	17 16	1 46	5 38	0 12	12 24	4 10	13 3	1 21	8 49	1 51	23 45	0 13	20 1	1 35	20 31	14 52	3 14	2 59	24 42	18 15	4 32
T 23	7 3	25 8	4 55	16 54	1 51	6 9	0 9	12 32	4 9	13 2	1 22	8 46	1 51	23 45	0 13	20 1	1 35	20 31	14 52	3 14	3 0	24 44	18 15	4 32
F 24	6 40	27 31	5 12	16 30	1 55	6 39	0 6	12 40	4 8	13 2	1 22	8 43	1 51	23 45	0 13	20 1	1 35	20 30	14 52	3 14	3 2	24 46	18 15	4 33
S 25	6 17	28 41	5 16	16 4	1 59	7 10	0 3	12 48	4 7	13 1	1 22	8 40	1 51	23 45	0 13	20 1	1 35	20 30	14 52	3 14	3 3	24 48	18 14	4 33
S 26	5 53	28 29	5 7	15 38	2 3	7 41	0n 1	12 55	4 6	13 0	1 22	8 37	1 51	23 45	0 13	20 1	1 35	20 29	14 52	3 14	3 4	24 50	18 14	4 34
M27	5 30	26 53	4 43	15 10	2 6	8 11	0 4	13 3	4 4	12 59	1 22	8 34	1 51	23 45	0 13	20 1	1 35	20 29	14 52	3 15	3 5	24 52	18 14	4 35
T 28	5s 7	23s54	4s 5	14s41	2s 9	8n41	0n 7	13n10	4n 3	12s58	1n22	8s32	1s51	23s45	0s13	20s 1	1n35	20s28	14s52	3s15	3s 7	24s53	18s13	4n35

Julian Day Number = 2202488.5, Delta T = 09m56s
Ecliptic obliquity = 23°31'49, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°13'46, Lahiri = 14°20'47 Julian Calendar 1 Feb. 1318 == Greg. Calendar 9 Feb. 1318

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ASTRODIENST EPHEMERIS for the year 1318
geocentric

MARCH 1318 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	11 4 48	18♓ 5'22	14♒17	28♒16	23♈ 8	5°R28	8°R 5	12♓50	0♉27	7♐ 7	12♓48	21°R50	22♓ 8	0♐ 9	15♐55	W 1
T 2	11 8 44	19° 4'59	27°34	29°52	24°20	5♍ 6	8♏ 3	12°58	0°29	7°R 7	12°49	21♓50	22° 5	0°16	15°57	T 2
F 3	11 12 41	20° 4'35	11♓12	1♓29	25°31	4°44	8° 0	13° 5	0°30	7° 7	12°51	21°50	22° 2	0°22	15°58	F 3
S 4	11 16 37	21° 4'08	25° 8	3° 8	26°43	4°23	7°57	13°13	0°31	7° 7	12°52	21°D50	21°59	0°29	16° 0	S 4
S 5	11 20 34	22° 3'40	9♈20	4°48	27°55	4° 2	7°53	13°20	0°33	7° 6	12°54	21°R50	21°56	0°36	16° 1	S 5
M 6	11 24 30	23° 3'09	23°42	6°29	29° 6	3°42	7°50	13°27	0°34	7° 6	12°55	21°49	21°52	0°42	16° 2	M 6
T 7	11 28 27	24° 2'36	8♉10	8°11	0♉18	3°22	7°46	13°35	0°35	7° 6	12°57	21°49	21°49	0°49	16° 3	T 7
W 8	11 32 24	25° 2'01	22°38	9°55	1°29	3° 3	7°42	13°42	0°36	7° 6	12°58	21°49	21°46	0°56	16° 5	W 8
T 9	11 36 20	26° 1'24	7♊ 2	11°40	2°41	2°45	7°38	13°50	0°37	7° 6	13° 0	21°49	21°43	1° 3	16° 5	T 9
F 10	11 40 17	27° 0'44	21°18	13°26	3°52	2°27	7°34	13°57	0°38	7° 5	13° 2	21°D48	21°40	1° 9	16° 6	F 10
S 11	11 44 13	28° 0'02	5♋23	15°14	5° 3	2° 9	7°30	14° 4	0°39	7° 5	13° 3	21°48	21°36	1°16	16° 7	S 11
S 12	11 48 10	28°59'17	19°17	17° 3	6°14	1°53	7°25	14°11	0°40	7° 5	13° 5	21°49	21°33	1°23	16° 8	S 12
M13	11 52 6	29°58'31	2♌57	18°53	7°25	1°37	7°21	14°19	0°40	7° 4	13° 6	21°49	21°30	1°29	16° 8	M13
T 14	11 56 3	0♈57'41	16°24	20°45	8°36	1°22	7°16	14°26	0°41	7° 4	13° 8	21°50	21°27	1°36	16° 9	T 14
W15	11 59 59	1°56'50	29°38	22°38	9°46	1° 7	7°11	14°33	0°42	7° 4	13° 9	21°51	21°24	1°43	16° 9	W15
T 16	12 3 56	2°55'56	12♍38	24°32	10°57	0°54	7° 6	14°40	0°43	7° 3	13°11	21°52	21°21	1°50	16°10	T 16
F 17	12 7 53	3°55'00	25°26	26°28	12° 8	0°41	7° 1	14°48	0°43	7° 3	13°12	21°R52	21°17	1°56	16°10	F 17
S 18	12 11 49	4°54'01	8♎ 1	28°25	13°18	0°29	6°55	14°55	0°44	7° 2	13°13	21°51	21°14	2° 3	16°10	S 18
S 19	12 15 46	5°53'01	20°24	0♈24	14°28	0°17	6°50	15° 2	0°44	7° 2	13°15	21°50	21°11	2°10	16°R10	S 19
M20	12 19 42	6°51'59	2♏36	2°23	15°38	0° 6	6°44	15° 9	0°45	7° 1	13°16	21°48	21° 8	2°16	16°10	M20
T 21	12 23 39	7°50'55	14°40	4°24	16°48	29♌56	6°38	15°16	0°45	7° 0	13°18	21°46	21° 5	2°23	16°10	T 21
W22	12 27 35	8°49'49	26°37	6°27	17°58	29°47	6°33	15°23	0°45	7° 0	13°19	21°43	21° 2	2°30	16°10	W22
T 23	12 31 32	9°48'41	8♐30	8°30	19° 8	29°39	6°27	15°30	0°46	6°59	13°21	21°41	20°58	2°37	16° 9	T 23
F 24	12 35 28	10°47'31	20°22	10°34	20°18	29°31	6°20	15°37	0°46	6°58	13°22	21°39	20°55	2°43	16° 9	F 24
S 25	12 39 25	11°46'20	2♑18	12°39	21°27	29°25	6°14	15°44	0°46	6°58	13°24	21°37	20°52	2°50	16° 8	S 25
S 26	12 43 22	12°45'07	14°23	14°45	22°37	29°19	6° 8	15°51	0°46	6°57	13°25	21°D37	20°49	2°57	16° 8	S 26
M27	12 47 18	13°43'52	26°40	16°51	23°46	29°13	6° 1	15°58	0°46	6°56	13°26	21°38	20°46	3° 3	16° 7	M27
T 28	12 51 15	14°42'36	9♒15	18°58	24°55	29° 9	5°55	16° 5	0°R46	6°55	13°28	21°39	20°42	3°10	16° 6	T 28
W29	12 55 11	15°41'17	22°10	21° 4	26° 4	29° 5	5°48	16°12	0°46	6°55	13°29	21°40	20°39	3°17	16° 5	W29
T 30	12 59 8	16°39'57	5♓30	23°11	27°13	29° 2	5°41	16°19	0°46	6°54	13°30	21°42	20°36	3°24	16° 4	T 30
F 31	13 3 4	17♈38'35	19♓15	25♈17	28♉22	29♌ 0	5♏34	16♓25	0♉46	6♐53	13♓32	21°R43	20♓33	3♐30	16♐ 3	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	4s44	19s41	3s13	14s10	2s11	9n11	0n11	13n17	4n 1	12s57	1n23	8s29	1s52	23s45	0s13	20s 1	1n35	20s27	14s52	3s15	3s 8	24s55	18s13	4n36
T 2	4 20	14 24	2 10	13 38	2 13	9 41	0 14	13 23	4 0	12 56	1 23	8 26	1 52	23 45	0 13	20 1	1 35	20 27	14 53	3 15	3 9	24 57	18 12	4 36
F 3	3 57	8 18	0 59	13 4	2 14	10 10	0 17	13 30	3 58	12 55	1 23	8 23	1 52	23 45	0 13	20 1	1 35	20 26	14 53	3 15	3 10	24 59	18 12	4 37
S 4	3 33	1 40	0n18	12 30	2 15	10 40	0 21	13 36	3 56	12 54	1 23	8 20	1 52	23 45	0 13	20 1	1 35	20 26	14 53	3 15	3 12	25 1	18 11	4 38
S 5	3 10	5n10	1 36	11 54	2 16	11 9	0 24	13 42	3 54	12 53	1 23	8 18	1 52	23 45	0 13	20 1	1 35	20 25	14 53	3 15	3 13	25 2	18 11	4 38
M 6	2 46	11 50	2 48	11 16	2 16	11 38	0 27	13 48	3 52	12 52	1 23	8 15	1 52	23 45	0 13	20 1	1 35	20 25	14 53	3 15	3 14	25 4	18 10	4 39
T 7	2 22	17 54	3 50	10 38	2 16	12 6	0 31	13 53	3 50	12 50	1 24	8 12	1 52	23 45	0 13	20 1	1 35	20 24	14 53	3 15	3 15	25 6	18 10	4 39
W 8	1 59	22 57	4 37	9 58	2 15	12 34	0 34	13 58	3 48	12 49	1 24	8 9	1 52	23 45	0 13	20 1	1 35	20 24	14 53	3 15	3 17	25 8	18 9	4 40
T 9	1 35	26 36	5 6	9 16	2 14	13 2	0 38	14 3	3 46	12 47	1 24	8 6	1 52	23 45	0 14	20 1	1 35	20 23	14 53	3 16	3 18	25 9	18 9	4 41
F 10	1 12	28 31	5 17	8 34	2 12	13 30	0 41	14 7	3 44	12 46	1 24	8 4	1 52	23 45	0 14	20 1	1 35	20 23	14 53	3 16	3 19	25 11	18 8	4 41
S 11	0 48	28 33	5 8	7 50	2 9	13 57	0 45	14 11	3 42	12 44	1 24	8 1	1 52	23 45	0 14	20 0	1 35	20 22	14 53	3 16	3 20	25 13	18 8	4 42
S 12	0 24	26 47	4 41	7 5	2 7	14 24	0 48	14 15	3 39	12 43	1 24	7 58	1 52	23 45	0 14	20 0	1 35	20 22	14 53	3 16	3 22	25 14	18 7	4 42
M13	0 1	23 27	3 59	6 18	2 3	14 51	0 52	14 19	3 37	12 41	1 24	7 55	1 52	23 45	0 14	20 0	1 35	20 21	14 53	3 15	3 23	25 16	18 7	4 43
T 14	0n23	18 54	3 4	5 31	2 0	15 18	0 55	14 22	3 35	12 40	1 25	7 53	1 52	23 45	0 14	20 0	1 36	20 21	14 54	3 15	3 24	25 18	18 6	4 44
W15	0 47	13 31	2 0	4 42	1 55	15 44	0 59	14 25	3 32	12 38	1 25	7 50	1 53	23 45	0 14	20 0	1 36	20 20	14 54	3 15	3 25	25 20	18 6	4 44
T 16	1 10	7 37	0 51	3 52	1 50	16 9	1 2	14 28	3 30	12 36	1 25	7 47	1 53	23 45	0 14	20 0	1 36	20 20	14 54	3 14	3 27	25 21	18 5	4 45
F 17	1 34	1 31	0s20	3 1	1 45	16 34	1 6	14 30	3 27	12 34	1 25	7 45	1 53	23 45	0 14	20 0	1 36	20 19	14 54	3 14	3 28	25 23	18 4	4 46
S 18	1 57	4s32	1 28	2 9	1 39	16 59	1 9	14 32	3 25	12 32	1 25	7 42	1 53	23 45	0 14	20 0	1 36	20 19	14 54	3 15	3 29	25 25	18 4	4 46
S 19	2 21	10 20	2 31	1 16	1 33	17 24	1 12	14 34	3 22	12 30	1 25	7 39	1 53	23 45	0 14	20 0	1 36	20 18	14 54	3 15	3 30	25 26	18 3	4 47
M20	2 44	15 39	3 26	0 21	1 26	17 48	1 16	14 35	3 20	12 29	1 25	7 37	1 53	23 45	0 14	19 59	1 36	20 18	14 54	3 16	3 32	25 28	18 3	4 47
T 21	3 8	20 18	4 12	0n34	1 18	18 11	1 19	14 36	3 17	12 27	1 25	7 34	1 53	23 45	0 14	19 59	1 36	20 17	14 55	3 17	3 33	25 30	18 2	4 48
W22	3 31	24 6	4 45	1 29	1 10	18 34	1 23	14 37	3 15	12 25	1 25	7 31	1 53	23 45	0 14	19 59	1 36	20 17	14 55	3 18	3 34	25 31	18 1	4 49
T 23	3 54	26 51	5 7	2 26	1 2	18 57	1 26	14 38	3 12	12 22	1 25	7 29	1 53	23 46	0 14	19 59	1 36	20 17	14 55	3 19	3 35	25 33	18 1	4 49
F 24	4 17	28 25	5 15	3 23	0 53	19 19	1 29	14 38	3 9	12 20	1 25	7 26	1 54	23 46	0 14	19 59	1 36	20 16	14 55	3 20	3 37	25 34	18 0	4 50
S 25	4 40	28 40	5 9	4 21	0 44	19 41	1 33	14 38	3 7	12 18	1 26	7 23	1 54	23 46	0 14	19 59	1 36	20 16	14 55	3 20	3 38	25 36	17 59	4 50
S 26	5 3	27 34	4 51	5 19	0 34	20 2	1 36	14 38	3 4	12 16	1 26	7 21	1 54	23 46	0 14	19 59	1 36	20 15	14 55	3 20	3 39	25 38	17 59	4 51
M27	5 26	25 7	4 18	6 17	0 24	20 23	1 39	14 37	3 1	12 14	1 26	7 18	1 54	23 46	0 14	19 58	1 36	20 15	14 56	3 20	3 41	25 39	17 58	4 52
T 28	5 49	21 25	3 33	7 15	0 14	20 44	1 42	14 36	2 59	12 12	1 26	7 16	1 54	23 46	0 14	19 58	1 36	20 15	14 56	3 19	3 42	25 41	17 57	4 52
W29	6 12	16 37	2 35	8 12	0 3	21 3	1 46	14 35	2 56	12 9	1 26	7 13	1 54	23 46	0 14	19 58	1 36	20 14	14 56	3 19	3 43	25 43	17 57	4 53
T 30	6 34	10 54	1 28	9 10	0n 8	21 23	1 49	14 34	2 54	12 7	1 26	7 11	1 54	23 46	0 14	19 58	1 36	20 14	14 56	3 18	3 44	25 44	17 56	4 53
F 31	6n57	4s29	0s13	10n 6	0n19	21n41	1n52	14n32	2n51	12s 5	1n26	7s 8	1s54	23s46	0s14	19s58	1n36	20s14	14s56	3s18	3s46	25s46	17s55	4n54

Julian Day Number = 2202516.5, Delta T = 09m56s
Ecliptic obliquity = 23°31'50, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°13'50, Lahiri = 14°20'50 Julian Calendar 1 March 1318 == Greg. Calendar 9 March 1318

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1318
geocentric

APRIL 1318 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	13 7 1	18♈37'11	3♈25	27♈21	29♉31	28°R59	5°R27	16♓32	0°R46	6°R52	13♓33	21°R42	20♓30	3♐37	16°R 2	S 1
S 2	13 10 57	19°35'46	17°56	29°25	0♊39	28°D58	5♏20	16°39	0♑46	6♐51	13°34	21♓40	20°27	3°44	16♐ 0	S 2
M 3	13 14 54	20°34'18	2♉43	1♉28	1°48	28♌58	5°13	16°45	0°45	6°50	13°36	21°37	20°23	3°50	15°59	M 3
T 4	13 18 51	21°32'48	17°38	3°28	2°56	28°59	5° 6	16°52	0°45	6°49	13°37	21°33	20°20	3°57	15°58	T 4
W 5	13 22 47	22°31'17	2♊33	5°27	4° 4	29° 1	4°59	16°59	0°45	6°48	13°38	21°29	20°17	4° 4	15°56	W 5
T 6	13 26 44	23°29'44	17°18	7°23	5°12	29° 3	4°51	17° 5	0°44	6°47	13°40	21°25	20°14	4°11	15°54	T 6
F 7	13 30 40	24°28'08	1♋49	9°16	6°20	29° 7	4°44	17°12	0°44	6°46	13°41	21°22	20°11	4°17	15°53	F 7
S 8	13 34 37	25°26'30	16° 1	11° 6	7°27	29°10	4°36	17°18	0°43	6°45	13°42	21°20	20° 8	4°24	15°51	S 8
S 9	13 38 33	26°24'50	29°52	12°53	8°35	29°15	4°29	17°24	0°43	6°44	13°43	21°D20	20° 4	4°31	15°49	S 9
M10	13 42 30	27°23'08	13♌23	14°37	9°42	29°20	4°21	17°31	0°42	6°43	13°44	21°21	20° 1	4°37	15°47	M10
T 11	13 46 26	28°21'23	26°34	16°17	10°49	29°26	4°14	17°37	0°42	6°41	13°46	21°22	19°58	4°44	15°45	T 11
W12	13 50 23	29°19'37	9♍29	17°53	11°56	29°32	4° 6	17°43	0°41	6°40	13°47	21°23	19°55	4°51	15°43	W12
T 13	13 54 20	0♉17'48	22° 9	19°25	13° 3	29°40	3°59	17°49	0°40	6°39	13°48	21°R24	19°52	4°58	15°41	T 13
F 14	13 58 16	1°15'58	4♎38	20°54	14° 9	29°47	3°51	17°55	0°39	6°38	13°49	21°23	19°48	5° 4	15°38	F 14
S 15	14 2 13	2°14'05	16°57	22°18	15°15	29°56	3°43	18° 2	0°38	6°36	13°50	21°20	19°45	5°11	15°36	S 15
S 16	14 6 9	3°12'11	29° 7	23°38	16°21	0♍ 5	3°36	18° 8	0°38	6°35	13°51	21°16	19°42	5°18	15°34	S 16
M17	14 10 6	4°10'16	11♏10	24°54	17°27	0°15	3°28	18°13	0°37	6°34	13°52	21° 9	19°39	5°25	15°31	M17
T 18	14 14 2	5° 8'18	23° 8	26° 5	18°33	0°25	3°21	18°19	0°36	6°33	13°53	21° 1	19°36	5°31	15°29	T 18
W19	14 17 59	6° 6'19	5♐ 3	27°12	19°38	0°36	3°13	18°25	0°35	6°31	13°54	20°53	19°33	5°38	15°26	W19
T 20	14 21 55	7° 4'19	16°55	28°14	20°44	0°47	3° 5	18°31	0°33	6°30	13°56	20°44	19°29	5°45	15°23	T 20
F 21	14 25 52	8° 2'17	28°48	29°12	21°49	0°59	2°58	18°37	0°32	6°29	13°57	20°37	19°26	5°51	15°20	F 21
S 22	14 29 49	9° 0'13	10♑44	0♊ 5	22°54	1°11	2°50	18°42	0°31	6°27	13°58	20°31	19°23	5°58	15°18	S 22
S 23	14 33 45	9°58'09	22°47	0°54	23°58	1°24	2°42	18°48	0°30	6°26	13°59	20°28	19°20	6° 5	15°15	S 23
M24	14 37 42	10°56'02	5♒ 2	1°38	25° 2	1°38	2°35	18°54	0°29	6°24	13°59	20°26	19°17	6°12	15°12	M24
T 25	14 41 38	11°53'55	17°32	2°17	26° 7	1°52	2°27	18°59	0°27	6°23	14° 0	20°D26	19°13	6°18	15° 9	T 25
W26	14 45 35	12°51'46	0♓23	2°51	27°10	2° 7	2°20	19° 4	0°26	6°22	14° 1	20°27	19°10	6°25	15° 6	W26
T 27	14 49 31	13°49'36	13°39	3°20	28°14	2°22	2°13	19°10	0°25	6°20	14° 2	20°R28	19° 7	6°32	15° 2	T 27
F 28	14 53 28	14°47'25	27°22	3°44	29°17	2°37	2° 5	19°15	0°23	6°19	14° 3	20°28	19° 4	6°38	14°59	F 28
S 29	14 57 24	15°45'13	11♈33	4° 4	0♋20	2°53	1°58	19°20	0°22	6°17	14° 4	20°26	19° 1	6°45	14°56	S 29
S 30	15 1 21	16♉42'59	26♈10	4♊18	1♋23	3♍10	1♏51	19♓25	0♑20	6♐16	14♓ 5	20♓22	18♓58	6♐52	14♐52	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	7n19	2n20	1n 4	11n 2	0n30	22n 0	1n55	14n30	2n48	12s 2	1n26	7s 6	1s55	23s46	0s14	19s57	1n36	20s13	14s57	3s18	3s47	25s47	17s55	4n54
S 2	7 42	9 12	2 19	11 57	0 41	22 17	1 58	14 28	2 46	12 0	1 26	7 3	1 55	23 46	0 14	19 57	1 36	20 13	14 57	3 19	3 48	25 49	17 54	4 55
M 3	8 4	15 41	3 26	12 50	0 52	22 34	2 1	14 25	2 43	11 58	1 26	7 1	1 55	23 46	0 14	19 57	1 36	20 13	14 57	3 20	3 49	25 50	17 53	4 56
T 4	8 26	21 18	4 19	13 42	1 3	22 51	2 4	14 23	2 41	11 55	1 26	6 58	1 55	23 46	0 14	19 57	1 36	20 12	14 57	3 22	3 51	25 52	17 53	4 56
W 5	8 48	25 34	4 55	14 32	1 13	23 7	2 7	14 20	2 38	11 53	1 26	6 56	1 55	23 46	0 14	19 57	1 36	20 12	14 58	3 23	3 52	25 54	17 52	4 57
T 6	9 10	28 5	5 11	15 20	1 23	23 22	2 10	14 16	2 36	11 50	1 26	6 53	1 55	23 46	0 14	19 56	1 36	20 12	14 58	3 25	3 53	25 55	17 51	4 57
F 7	9 31	28 38	5 7	16 6	1 33	23 37	2 12	14 13	2 33	11 48	1 26	6 51	1 55	23 46	0 14	19 56	1 36	20 12	14 58	3 26	3 54	25 57	17 50	4 58
S 8	9 53	27 15	4 44	16 50	1 42	23 51	2 15	14 9	2 31	11 45	1 26	6 49	1 56	23 46	0 14	19 56	1 36	20 11	14 58	3 27	3 56	25 58	17 50	4 58
S 9	10 14	24 14	4 4	17 32	1 51	24 5	2 18	14 5	2 28	11 43	1 26	6 46	1 56	23 46	0 14	19 56	1 37	20 11	14 59	3 27	3 57	26 0	17 49	4 59
M10	10 35	19 56	3 12	18 11	1 59	24 18	2 20	14 1	2 26	11 40	1 26	6 44	1 56	23 46	0 14	19 56	1 37	20 11	14 59	3 27	3 58	26 1	17 48	5 0
T 11	10 56	14 45	2 11	18 48	2 7	24 30	2 23	13 57	2 23	11 38	1 26	6 42	1 56	23 46	0 14	19 55	1 37	20 11	14 59	3 26	3 59	26 3	17 47	5 0
W12	11 17	9 2	1 4	19 22	2 14	24 42	2 25	13 52	2 21	11 35	1 26	6 39	1 56	23 46	0 14	19 55	1 37	20 10	14 59	3 26	4 1	26 4	17 47	5 1
T 13	11 37	3 4	0s 4	19 53	2 20	24 53	2 27	13 47	2 18	11 33	1 26	6 37	1 56	23 46	0 14	19 55	1 37	20 10	15 0	3 25	4 2	26 6	17 46	5 1
F 14	11 58	2s56	1 11	20 22	2 25	25 4	2 30	13 42	2 16	11 30	1 26	6 35	1 57	23 46	0 14	19 55	1 37	20 10	15 0	3 26	4 3	26 7	17 45	5 2
S 15	12 18	8 45	2 14	20 49	2 29	25 14	2 32	13 37	2 13	11 28	1 26	6 33	1 57	23 46	0 14	19 54	1 37	20 10	15 0	3 27	4 4	26 9	17 44	5 2
S 16	12 38	14 9	3 10	21 13	2 33	25 23	2 34	13 32	2 11	11 25	1 26	6 30	1 57	23 46	0 14	19 54	1 37	20 10	15 0	3 29	4 6	26 10	17 44	5 3
M17	12 57	18 59	3 56	21 35	2 36	25 31	2 36	13 26	2 9	11 23	1 26	6 28	1 57	23 46	0 14	19 54	1 37	20 9	15 1	3 31	4 7	26 11	17 43	5 3
T 18	13 17	23 1	4 32	21 54	2 37	25 39	2 38	13 20	2 6	11 20	1 26	6 26	1 57	23 46	0 14	19 54	1 37	20 9	15 1	3 34	4 8	26 13	17 42	5 4
W19	13 36	26 4	4 56	22 10	2 38	25 47	2 40	13 14	2 4	11 18	1 26	6 24	1 57	23 46	0 14	19 53	1 37	20 9	15 1	3 38	4 9	26 14	17 41	5 4
T 20	13 56	27 58	5 7	22 24	2 38	25 53	2 41	13 8	2 2	11 15	1 25	6 22	1 58	23 46	0 14	19 53	1 37	20 9	15 2	3 41	4 11	26 16	17 41	5 5
F 21	14 14	28 36	5 4	22 36	2 37	25 59	2 43	13 2	2 0	11 13	1 25	6 20	1 58	23 46	0 14	19 53	1 37	20 9	15 2	3 44	4 12	26 17	17 40	5 5
S 22	14 33	27 53	4 49	22 46	2 34	26 5	2 45	12 55	1 57	11 10	1 25	6 18	1 58	23 46	0 14	19 53	1 37	20 9	15 2	3 46	4 13	26 19	17 39	5 6
S 23	14 52	25 52	4 20	22 53	2 31	26 10	2 46	12 49	1 55	11 8	1 25	6 16	1 58	23 46	0 14	19 52	1 37	20 9	15 2	3 48	4 14	26 20	17 38	5 6
M24	15 10	22 38	3 39	22 58	2 27	26 14	2 48	12 42	1 53	11 5	1 25	6 14	1 58	23 46	0 14	19 52	1 37	20 8	15 3	3 48	4 16	26 21	17 37	5 7
T 25	15 28	18 17	2 47	23 1	2 22	26 17	2 49	12 35	1 51	11 3	1 25	6 12	1 59	23 46	0 14	19 52	1 37	20 8	15 3	3 48	4 17	26 23	17 37	5 7
W26	15 45	13 1	1 46	23 1	2 15	26 20	2 50	12 27	1 49	11 0	1 25	6 10	1 59	23 46	0 15	19 52	1 37	20 8	15 3	3 48	4 18	26 24	17 36	5 8
T 27	16 3	7 1	0 37	23 0	2 8	26 22	2 51	12 20	1 47	10 58	1 25	6 8	1 59	23 46	0 15	19 51	1 37	20 8	15 4	3 48	4 19	26 26	17 35	5 8
F 28	16 20	0 29	0n37	22 56	1 59	26 24	2 52	12 12	1 45	10 55	1 25	6 6	1 59	23 46	0 15	19 51	1 37	20 8	15 4	3 48	4 21	26 27	17 34	5 8
S 29	16 37	6n17	1 50	22 50	1 50	26 24	2 53	12 5	1 43	10 53	1 24	6 4	1 59	23 46	0 15	19 51	1 37	20 8	15 4	3 48	4 22	26 28	17 34	5 9
S 30	16n54	12n55	2n59	22n43	1n39	26n25	2n53	11n57	1n41	10s51	1n24	6s 2	2s 0	23s46	0s15	19s51	1n37	20s 8	15s 5	3s50	4s23	26s30	17s33	5n 9

Julian Day Number = 2202547.5, Delta T = 09m56s
Ecliptic obliquity = 23°31'50, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°13'54, Lahiri = 14°20'55 Julian Calendar 1 Apr. 1318 == Greg. Calendar 9 Apr. 1318

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ASTRODIENST EPHEMERIS for the year 1318
geocentric

MAY 1318 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	15 5 18	17♉40'44	11♉ 9	4♊28	2♋26	3♍27	1°R44	19♓31	0°R19	6°R14	14♓ 6	20°R16	18♓54	6♐59	14°R49	M 1
T 2	15 9 14	18°38'28	26°21	4°R32	3°28	3°44	1♏37	19°36	0♒17	6♐13	14° 7	20♓ 8	18°51	7° 5	14♐46	T 2
W 3	15 13 11	19°36'11	11♊35	4°32	4°30	4° 2	1°30	19°41	0°16	6°11	14° 7	19°59	18°48	7°12	14°42	W 3
T 4	15 17 7	20°33'52	26°41	4°28	5°31	4°21	1°23	19°45	0°14	6°10	14° 8	19°50	18°45	7°19	14°39	T 4
F 5	15 21 4	21°31'32	11♋29	4°18	6°32	4°39	1°16	19°50	0°12	6° 8	14° 9	19°43	18°42	7°25	14°35	F 5
S 6	15 25 0	22°29'10	25°53	4° 5	7°33	4°59	1° 9	19°55	0°11	6° 6	14°10	19°38	18°39	7°32	14°31	S 6
S 7	15 28 57	23°26'46	9♌51	3°48	8°34	5°18	1° 2	20° 0	0° 9	6° 5	14°10	19°36	18°35	7°39	14°28	S 7
M 8	15 32 53	24°24'21	23°22	3°26	9°34	5°38	0°56	20° 4	0° 7	6° 3	14°11	19°D35	18°32	7°46	14°24	M 8
T 9	15 36 50	25°21'54	6♍29	3° 2	10°34	5°59	0°49	20° 9	0° 5	6° 2	14°12	19°35	18°29	7°52	14°20	T 9
W10	15 40 47	26°19'26	19°15	2°35	11°33	6°19	0°43	20°13	0° 3	6° 0	14°12	19°R35	18°26	7°59	14°16	W10
T 11	15 44 43	27°16'57	1♎44	2° 5	12°33	6°41	0°37	20°17	0° 1	5°59	14°13	19°35	18°23	8° 6	14°13	T 11
F 12	15 48 40	28°14'26	14° 1	1°34	13°31	7° 2	0°31	20°22	29♐59	5°57	14°13	19°32	18°19	8°13	14° 9	F 12
S 13	15 52 36	29°11'54	26° 8	1° 1	14°29	7°24	0°25	20°26	29°58	5°55	14°14	19°27	18°16	8°19	14° 5	S 13
S 14	15 56 33	0♊ 9'20	8♏ 8	0°28	15°27	7°46	0°19	20°30	29°56	5°54	14°15	19°19	18°13	8°26	14° 1	S 14
M15	16 0 29	1° 6'46	20° 4	29♉54	16°25	8° 9	0°13	20°34	29°54	5°52	14°15	19° 9	18°10	8°33	13°57	M15
T 16	16 4 26	2° 4'11	1♐58	29°21	17°21	8°32	0° 8	20°38	29°52	5°51	14°16	18°57	18° 7	8°39	13°53	T 16
W17	16 8 22	3° 1'34	13°51	28°48	18°18	8°55	0° 2	20°42	29°49	5°49	14°16	18°44	18° 4	8°46	13°49	W17
T 18	16 12 19	3°58'57	25°44	28°18	19°14	9°19	29♎57	20°46	29°47	5°47	14°17	18°31	18° 0	8°53	13°45	T 18
F 19	16 16 16	4°56'19	7♑39	27°49	20° 9	9°42	29°52	20°49	29°45	5°46	14°17	18°19	17°57	9° 0	13°41	F 19
S 20	16 20 12	5°53'40	19°38	27°23	21° 4	10° 7	29°47	20°53	29°43	5°44	14°17	18° 9	17°54	9° 6	13°37	S 20
S 21	16 24 9	6°51'01	1♒44	26°59	21°58	10°31	29°42	20°56	29°41	5°42	14°18	18° 2	17°51	9°13	13°33	S 21
M22	16 28 5	7°48'21	14° 0	26°40	22°52	10°56	29°37	21° 0	29°39	5°41	14°18	17°58	17°48	9°20	13°29	M22
T 23	16 32 2	8°45'40	26°29	26°23	23°45	11°21	29°32	21° 3	29°37	5°39	14°19	17°56	17°45	9°26	13°25	T 23
W24	16 35 58	9°42'59	9♓17	26°11	24°38	11°46	29°28	21° 6	29°34	5°38	14°19	17°56	17°41	9°33	13°20	W24
T 25	16 39 55	10°40'17	22°27	26° 3	25°30	12°12	29°24	21°10	29°32	5°36	14°19	17°56	17°38	9°40	13°16	T 25
F 26	16 43 51	11°37'35	6♈ 3	25°D59	26°21	12°38	29°20	21°13	29°30	5°34	14°19	17°55	17°35	9°47	13°12	F 26
S 27	16 47 48	12°34'53	20° 7	26° 0	27°12	13° 4	29°16	21°16	29°28	5°33	14°20	17°52	17°32	9°53	13° 8	S 27
S 28	16 51 45	13°32'10	4♉39	26° 5	28° 2	13°31	29°12	21°19	29°25	5°31	14°20	17°47	17°29	10° 0	13° 4	S 28
M29	16 55 41	14°29'27	19°34	26°15	28°51	13°58	29° 8	21°21	29°23	5°30	14°20	17°40	17°25	10° 7	13° 0	M29
T 30	16 59 38	15°26'43	4♊47	26°29	29°40	14°25	29° 5	21°24	29°21	5°28	14°20	17°30	17°22	10°14	12°56	T 30
W31	17 3 34	16♊23'59	20♊ 6	26♉48	0♌28	14♍52	29♎ 1	21♓27	29♐18	5♐26	14♓21	17♓19	17♓19	10♐20	12♐52	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	17n10	18n59	3n57	22n33	1n28	26n24	2n54	11n49	1n39	10s48	1n24	6s 0	2s 0	23s46	0s15	19s50	1n37	20s 8	15s 5	3s52	4s24	26s31	17s32	5n10
T 2	17 26	23 55	4 39	22 22	1 15	26 23	2 54	11 40	1 37	10 46	1 24	5 58	2 0	23 46	0 15	19 50	1 37	20 8	15 5	3 56	4 26	26 32	17 31	5 10
W 3	17 42	27 13	5 1	22 9	1 2	26 22	2 55	11 32	1 35	10 44	1 24	5 57	2 0	23 46	0 15	19 50	1 37	20 8	15 6	3 59	4 27	26 34	17 30	5 10
T 4	17 58	28 31	5 2	21 54	0 48	26 20	2 55	11 23	1 33	10 41	1 24	5 55	2 1	23 46	0 15	19 50	1 37	20 8	15 6	4 2	4 28	26 35	17 30	5 11
F 5	18 13	27 44	4 43	21 37	0 33	26 17	2 55	11 15	1 31	10 39	1 24	5 53	2 1	23 46	0 15	19 49	1 37	20 8	15 6	4 5	4 29	26 36	17 29	5 11
S 6	18 28	25 4	4 6	21 19	0 17	26 13	2 55	11 6	1 29	10 37	1 23	5 52	2 1	23 46	0 15	19 49	1 37	20 8	15 7	4 7	4 31	26 38	17 28	5 12
S 7	18 42	20 59	3 15	21 0	0 0	26 9	2 55	10 57	1 27	10 35	1 23	5 50	2 1	23 47	0 15	19 49	1 37	20 8	15 7	4 8	4 32	26 39	17 27	5 12
M 8	18 57	15 54	2 15	20 39	0s16	26 5	2 54	10 48	1 25	10 33	1 23	5 48	2 1	23 47	0 15	19 48	1 37	20 8	15 7	4 8	4 33	26 40	17 27	5 12
T 9	19 11	10 14	1 9	20 18	0 34	26 0	2 54	10 39	1 23	10 31	1 23	5 47	2 2	23 47	0 15	19 48	1 37	20 8	15 8	4 8	4 34	26 42	17 26	5 13
W10	19 24	4 18	0 2	19 55	0 51	25 54	2 53	10 29	1 21	10 29	1 23	5 45	2 2	23 47	0 15	19 48	1 37	20 8	15 8	4 8	4 36	26 43	17 25	5 13
T 11	19 38	1s40	1s 4	19 32	1 8	25 48	2 52	10 20	1 20	10 27	1 22	5 44	2 2	23 47	0 15	19 48	1 37	20 8	15 8	4 8	4 37	26 44	17 24	5 13
F 12	19 51	7 29	2 6	19 9	1 26	25 41	2 51	10 10	1 18	10 25	1 22	5 42	2 2	23 47	0 15	19 47	1 37	20 8	15 9	4 9	4 38	26 45	17 24	5 14
S 13	20 3	12 56	3 1	18 46	1 43	25 33	2 50	10 0	1 16	10 23	1 22	5 41	2 3	23 47	0 15	19 47	1 37	20 8	15 9	4 11	4 39	26 47	17 23	5 14
S 14	20 16	17 51	3 47	18 23	2 0	25 25	2 49	9 50	1 14	10 21	1 22	5 40	2 3	23 47	0 15	19 47	1 37	20 9	15 9	4 15	4 41	26 48	17 22	5 14
M15	20 28	22 3	4 23	18 0	2 16	25 17	2 47	9 40	1 13	10 19	1 22	5 38	2 3	23 47	0 15	19 46	1 37	20 9	15 10	4 19	4 42	26 49	17 21	5 15
T 16	20 39	25 20	4 48	17 38	2 31	25 8	2 46	9 30	1 11	10 17	1 21	5 37	2 3	23 47	0 15	19 46	1 37	20 9	15 10	4 23	4 43	26 50	17 21	5 15
W17	20 51	27 30	4 59	17 16	2 46	24 59	2 44	9 19	1 9	10 16	1 21	5 35	2 3	23 47	0 15	19 46	1 37	20 9	15 11	4 29	4 44	26 52	17 20	5 15
T 18	21 1	28 26	4 58	16 56	2 59	24 49	2 42	9 9	1 7	10 14	1 21	5 34	2 4	23 47	0 15	19 46	1 37	20 9	15 11	4 34	4 46	26 53	17 19	5 15
F 19	21 12	28 2	4 44	16 38	3 12	24 39	2 40	8 58	1 6	10 12	1 21	5 33	2 4	23 47	0 15	19 45	1 37	20 9	15 11	4 38	4 47	26 54	17 18	5 16
S 20	21 22	26 19	4 17	16 21	3 23	24 28	2 37	8 48	1 4	10 11	1 21	5 32	2 4	23 47	0 15	19 45	1 37	20 9	15 12	4 42	4 48	26 55	17 18	5 16
S 21	21 32	23 24	3 38	16 6	3 33	24 17	2 35	8 37	1 3	10 9	1 20	5 31	2 4	23 47	0 15	19 45	1 37	20 10	15 12	4 45	4 49	26 57	17 17	5 16
M22	21 42	19 23	2 49	15 52	3 42	24 5	2 32	8 26	1 1	10 8	1 20	5 29	2 5	23 47	0 15	19 45	1 37	20 10	15 12	4 46	4 50	26 58	17 16	5 16
T 23	21 51	14 28	1 51	15 41	3 50	23 53	2 29	8 15	0 59	10 6	1 20	5 28	2 5	23 47	0 15	19 44	1 37	20 10	15 13	4 47	4 52	26 59	17 16	5 16
W24	22 0	8 49	0 46	15 32	3 57	23 41	2 26	8 4	0 58	10 5	1 20	5 27	2 5	23 47	0 15	19 44	1 37	20 10	15 13	4 47	4 53	27 0	17 15	5 17
T 25	22 8	2 38	0n24	15 25	4 2	23 28	2 23	7 53	0 56	10 4	1 19	5 26	2 5	23 47	0 15	19 44	1 37	20 10	15 13	4 47	4 54	27 1	17 14	5 17
F 26	22 16	3n51	1 34	15 21	4 6	23 15	2 20	7 41	0 55	10 3	1 19	5 25	2 6	23 47	0 15	19 43	1 37	20 11	15 14	4 48	4 55	27 2	17 14	5 17
S 27	22 23	10 23	2 41	15 18	4 8	23 1	2 16	7 30	0 53	10 1	1 19	5 24	2 6	23 47	0 15	19 43	1 37	20 11	15 14	4 49	4 57	27 4	17 13	5 17
S 28	22 31	16 34	3 40	15 18	4 10	22 47	2 12	7 18	0 52	10 0	1 19	5 23	2 6	23 47	0 15	19 43	1 37	20 11	15 15	4 51	4 58	27 5	17 12	5 17
M29	22 37	21 56	4 25	15 20	4 10	22 33	2 8	7 6	0 50	9 59	1 18	5 23	2 7	23 47	0 15	19 43	1 37	20 11	15 15	4 54	4 59	27 6	17 12	5 18
T 30	22 44	25 58	4 53	15 24	4 9	22 19	2 4	6 54	0 49	9 58	1 18	5 22	2 7	23 47	0 15	19 42	1 37	20 12	15 15	4 57	5 0	27 7	17 11	5 18
W31	22n50	28n 8	5n 0	15n30	4s 7	22n 4	1n59	6n43	0n47	9s57	1n18	5s21	2s 7	23s47	0s15	19s42	1n37	20s12	15s16	5s 2	5s 2	27s 8	17s10	5n18

Julian Day Number = 2202577.5, Delta T = 09m56s
Ecliptic obliquity = 23°31'49, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°13'58, Lahiri = 14°20'59 Julian Calendar 1 May 1318 == Greg. Calendar 9 May 1318

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ASTRODIENST EPHEMERIS for the year 1318
geocentric

JUNE 1318 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	17 7 31	17♊21'15	5♋20	27♉11	1♌15	15♍20	28°R58	21♓29	29°R16	5°R25	14♓21	17°R 9	17♓16	10♐27	12°R48	T 1
F 2	17 11 27	18°18'30	20°18	27°39	2° 1	15°48	28♎55	21°32	29♐14	5♐23	14°21	16♓59	17°13	10°34	12♐44	F 2
S 3	17 15 24	19°15'44	4♌53	28°12	2°46	16°16	28°53	21°34	29°11	5°22	14°21	16°53	17°10	10°40	12°39	S 3
S 4	17 19 21	20°12'58	18°59	28°49	3°31	16°44	28°50	21°36	29° 9	5°20	14°21	16°49	17° 6	10°47	12°35	S 4
M 5	17 23 17	21°10'11	2♍37	29°30	4°14	17°12	28°48	21°38	29° 7	5°19	14°21	16°47	17° 3	10°54	12°31	M 5
T 6	17 27 14	22° 7'23	15°46	0♊15	4°57	17°41	28°45	21°40	29° 4	5°17	14°21	16°46	17° 0	11° 1	12°27	T 6
W 7	17 31 10	23° 4'34	28°32	1° 5	5°38	18°10	28°43	21°42	29° 2	5°16	14°R21	16°46	16°57	11° 7	12°23	W 7
T 8	17 35 7	24° 1'45	10♎59	1°59	6°19	18°40	28°41	21°44	28°59	5°14	14°21	16°45	16°54	11°14	12°19	T 8
F 9	17 39 3	24°58'56	23°11	2°57	6°58	19° 9	28°40	21°46	28°57	5°12	14°21	16°43	16°51	11°21	12°15	F 9
S 10	17 43 0	25°56'06	5♏12	3°59	7°37	19°39	28°38	21°48	28°54	5°11	14°21	16°38	16°47	11°28	12°12	S 10
S 11	17 46 56	26°53'16	17° 8	5° 5	8°14	20° 9	28°37	21°49	28°52	5°10	14°21	16°30	16°44	11°34	12° 8	S 11
M12	17 50 53	27°50'25	29° 1	6°15	8°50	20°39	28°36	21°51	28°50	5° 8	14°21	16°19	16°41	11°41	12° 4	M12
T 13	17 54 50	28°47'35	10♐53	7°29	9°24	21° 9	28°35	21°52	28°47	5° 7	14°21	16° 7	16°38	11°48	12° 0	T 13
W14	17 58 46	29°44'44	22°46	8°46	9°58	21°40	28°34	21°53	28°45	5° 5	14°20	15°54	16°35	11°54	11°56	W14
T 15	18 2 43	0♋41'53	4♉43	10° 8	10°29	22°10	28°33	21°54	28°42	5° 4	14°20	15°41	16°31	12° 1	11°52	T 15
F 16	18 6 39	1°39'02	16°44	11°33	11° 0	22°41	28°33	21°55	28°40	5° 2	14°20	15°29	16°28	12° 8	11°49	F 16
S 17	18 10 36	2°36'11	28°50	13° 2	11°29	23°12	28°32	21°56	28°37	5° 1	14°20	15°20	16°25	12°15	11°45	S 17
S 18	18 14 32	3°33'20	11♒ 4	14°34	11°57	23°44	28°D32	21°57	28°35	5° 0	14°20	15°12	16°22	12°21	11°41	S 18
M19	18 18 29	4°30'29	23°28	16°10	12°23	24°15	28°32	21°58	28°33	4°58	14°19	15° 8	16°19	12°28	11°38	M19
T 20	18 22 25	5°27'39	6♓ 3	17°50	12°47	24°47	28°33	21°59	28°30	4°57	14°19	15° 6	16°16	12°35	11°34	T 20
W21	18 26 22	6°24'49	18°54	19°33	13°10	25°19	28°33	21°59	28°28	4°56	14°19	15°D 6	16°12	12°41	11°31	W21
T 22	18 30 19	7°22'00	2♈ 4	21°19	13°31	25°51	28°34	22° 0	28°25	4°54	14°18	15°R 6	16° 9	12°48	11°27	T 22
F 23	18 34 15	8°19'11	15°35	23° 8	13°50	26°23	28°34	22° 0	28°23	4°53	14°18	15° 6	16° 6	12°55	11°24	F 23
S 24	18 38 12	9°16'22	29°30	25° 0	14° 7	26°55	28°35	22° 0	28°21	4°52	14°18	15° 5	16° 3	13° 2	11°21	S 24
S 25	18 42 8	10°13'34	13♉50	26°55	14°22	27°28	28°37	22° 0	28°18	4°50	14°17	15° 1	16° 0	13° 8	11°17	S 25
M26	18 46 5	11°10'47	28°32	28°53	14°36	28° 0	28°38	22°R 1	28°16	4°49	14°17	14°55	15°57	13°15	11°14	M26
T 27	18 50 1	12° 8'01	13♊31	0♋53	14°47	28°33	28°39	22° 0	28°14	4°48	14°16	14°47	15°53	13°22	11°11	T 27
W28	18 53 58	13° 5'15	28°38	2°55	14°57	29° 6	28°41	22° 0	28°11	4°47	14°16	14°38	15°50	13°29	11° 8	W28
T 29	18 57 54	14° 2'29	13♋45	4°58	15° 4	29°40	28°43	22° 0	28° 9	4°46	14°15	14°29	15°47	13°35	11° 5	T 29
F 30	19 1 51	14♋59'44	28♋40	7♋ 4	15♌ 9	0♎13	28♎45	22♓ 0	28♐ 7	4♐44	14♓15	14♓21	15♓44	13♐42	11♐ 2	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n56	28n10	4n45	15n38	4s 4	21n49	1n54	6n30	0n46	9s56	1n18	5s20	2s 7	23s47	0s15	19s42	1n37	20s12	15s16	5s 6	5s 3	27s 9	17s10	5n18
F 2	23 1	26 8	4 11	15 48	4 1	21 33	1 49	6 18	0 44	9 56	1 17	5 19	2 8	23 47	0 15	19 42	1 37	20 13	15 16	5 9	5 4	27 10	17 9	5 18
S 3	23 6	22 23	3 22	16 0	3 56	21 18	1 44	6 6	0 43	9 55	1 17	5 19	2 8	23 47	0 15	19 41	1 37	20 13	15 17	5 12	5 5	27 11	17 8	5 18
S 4	23 10	17 25	2 21	16 14	3 50	21 2	1 38	5 54	0 42	9 54	1 17	5 18	2 8	23 47	0 15	19 41	1 37	20 13	15 17	5 14	5 7	27 12	17 8	5 18
M 5	23 14	11 44	1 14	16 29	3 44	20 46	1 33	5 41	0 40	9 54	1 17	5 18	2 8	23 47	0 15	19 41	1 37	20 13	15 18	5 14	5 8	27 14	17 7	5 18
T 6	23 18	5 43	0 5	16 45	3 37	20 30	1 27	5 29	0 39	9 53	1 16	5 17	2 9	23 47	0 15	19 41	1 37	20 14	15 18	5 14	5 9	27 15	17 7	5 18
W 7	23 21	0s22	1s 2	17 3	3 29	20 14	1 20	5 16	0 37	9 53	1 16	5 16	2 9	23 47	0 15	19 40	1 37	20 14	15 18	5 14	5 10	27 16	17 6	5 18
T 8	23 24	6 16	2 4	17 22	3 20	19 57	1 14	5 3	0 36	9 52	1 16	5 16	2 9	23 47	0 15	19 40	1 37	20 14	15 19	5 15	5 12	27 17	17 6	5 18
F 9	23 26	11 49	3 0	17 42	3 11	19 41	1 7	4 51	0 35	9 52	1 15	5 16	2 9	23 47	0 15	19 40	1 37	20 15	15 19	5 16	5 13	27 18	17 5	5 19
S 10	23 28	16 51	3 46	18 3	3 1	19 24	1 0	4 38	0 33	9 52	1 15	5 15	2 10	23 47	0 15	19 40	1 37	20 15	15 19	5 18	5 14	27 19	17 5	5 19
S 11	23 30	21 12	4 22	18 25	2 51	19 8	0 53	4 25	0 32	9 51	1 15	5 15	2 10	23 47	0 15	19 39	1 37	20 16	15 20	5 21	5 15	27 20	17 4	5 19
M12	23 31	24 40	4 47	18 48	2 41	18 51	0 45	4 12	0 31	9 51	1 15	5 14	2 10	23 47	0 15	19 39	1 37	20 16	15 20	5 25	5 17	27 21	17 4	5 19
T 13	23 31	27 5	4 59	19 11	2 29	18 34	0 37	3 58	0 30	9 51	1 14	5 14	2 11	23 47	0 15	19 39	1 37	20 16	15 21	5 30	5 18	27 22	17 3	5 19
W14	23 32	28 17	4 58	19 35	2 18	18 17	0 29	3 45	0 28	9 51	1 14	5 14	2 11	23 47	0 15	19 39	1 37	20 17	15 21	5 35	5 19	27 23	17 3	5 19
T 15	23 32	28 11	4 44	19 58	2 6	18 1	0 21	3 32	0 27	9 51	1 14	5 14	2 11	23 47	0 15	19 38	1 37	20 17	15 21	5 40	5 20	27 24	17 2	5 19
F 16	23 31	26 44	4 17	20 22	1 54	17 44	0 12	3 18	0 26	9 51	1 14	5 13	2 11	23 47	0 15	19 38	1 37	20 18	15 22	5 45	5 22	27 25	17 2	5 19
S 17	23 30	24 2	3 39	20 46	1 42	17 27	0 3	3 5	0 25	9 51	1 13	5 13	2 12	23 47	0 15	19 38	1 37	20 18	15 22	5 48	5 23	27 26	17 1	5 18
S 18	23 29	20 14	2 50	21 9	1 30	17 11	0s 6	2 51	0 23	9 52	1 13	5 13	2 12	23 47	0 15	19 38	1 36	20 18	15 22	5 51	5 24	27 27	17 1	5 18
M19	23 27	15 31	1 52	21 32	1 17	16 54	0 16	2 38	0 22	9 52	1 13	5 13	2 12	23 47	0 15	19 38	1 36	20 19	15 23	5 53	5 25	27 28	17 0	5 18
T 20	23 25	10 4	0 48	21 54	1 4	16 38	0 26	2 24	0 21	9 52	1 12	5 13	2 12	23 47	0 15	19 37	1 36	20 19	15 23	5 53	5 26	27 29	17 0	5 18
W21	23 22	4 6	0n20	22 15	0 52	16 22	0 36	2 10	0 20	9 53	1 12	5 13	2 13	23 47	0 15	19 37	1 36	20 20	15 23	5 54	5 28	27 30	17 0	5 18
T 22	23 19	2n11	1 29	22 35	0 39	16 6	0 46	1 57	0 19	9 53	1 12	5 13	2 13	23 47	0 15	19 37	1 36	20 20	15 24	5 53	5 29	27 31	16 59	5 18
F 23	23 16	8 32	2 35	22 54	0 27	15 50	0 57	1 43	0 17	9 54	1 12	5 13	2 13	23 46	0 15	19 37	1 36	20 21	15 24	5 53	5 30	27 32	16 59	5 18
S 24	23 12	14 39	3 33	23 11	0 15	15 34	1 8	1 29	0 16	9 54	1 11	5 14	2 14	23 46	0 15	19 37	1 36	20 21	15 24	5 54	5 31	27 33	16 58	5 18
S 25	23 8	20 11	4 20	23 27	0 3	15 19	1 19	1 15	0 15	9 55	1 11	5 14	2 14	23 46	0 15	19 36	1 36	20 22	15 25	5 56	5 33	27 34	16 58	5 18
M26	23 3	24 38	4 51	23 40	0n 9	15 4	1 31	1 0	0 14	9 56	1 11	5 14	2 14	23 46	0 15	19 36	1 36	20 22	15 25	5 58	5 34	27 34	16 58	5 18
T 27	22 58	27 31	5 3	23 51	0 20	14 49	1 43	0 46	0 13	9 56	1 10	5 14	2 14	23 46	0 15	19 36	1 36	20 23	15 25	6 1	5 35	27 35	16 57	5 18
W28	22 53	28 26	4 55	24 0	0 30	14 35	1 55	0 32	0 12	9 57	1 10	5 15	2 15	23 46	0 15	19 36	1 36	20 23	15 26	6 4	5 36	27 36	16 57	5 18
T 29	22 47	27 13	4 25	24 7	0 40	14 21	2 8	0 18	0 11	9 58	1 10	5 15	2 15	23 46	0 15	19 36	1 36	20 23	15 26	6 8	5 38	27 37	16 57	5 17
F 30	22n41	24n 4	3n38	24n10	0n50	14n 7	2s20	0n 3	0n 9	9s59	1n10	5s15	2s15	23s46	0s15	19s35	1n36	20s24	15s26	6s11	5s39	27s38	16s57	5n17

Julian Day Number = 2202608.5, Delta T = 09m56s
Ecliptic obliquity = 23°31'48, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°14'03, Lahiri = 14°21'03 Julian Calendar 1 June 1318 == Greg. Calendar 9 June 1318

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ASTRODIENST EPHEMERIS for the year 1318
geocentric

JULY 1318 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	19 5 48	15♋56'59	13♌16	9♋10	15♌12	0♎47	28♎47	21°R59	28°R 4	4°R43	14°R14	14°R16	15♓41	13♐49	10°R59	S 1
S 2	19 9 44	16°54'15	27°26	11°17	15°R12	1°20	28°50	21♓59	28♐ 2	4♐42	14♓14	14♓12	15°37	13°55	10♐56	S 2
M 3	19 13 41	17°51'31	11♍ 7	13°25	15°10	1°54	28°52	21°58	28° 0	4°41	14°13	14°D11	15°34	14° 2	10°53	M 3
T 4	19 17 37	18°48'47	24°22	15°32	15° 6	2°28	28°55	21°57	27°58	4°40	14°13	14°11	15°31	14° 9	10°50	T 4
W 5	19 21 34	19°46'03	7♎12	17°40	15° 0	3° 3	28°58	21°56	27°55	4°39	14°12	14°12	15°28	14°16	10°48	W 5
T 6	19 25 30	20°43'20	19°40	19°48	14°51	3°37	29° 1	21°55	27°53	4°38	14°12	14°R13	15°25	14°22	10°45	T 6
F 7	19 29 27	21°40'37	1♏53	21°54	14°39	4°11	29° 4	21°54	27°51	4°37	14°11	14°12	15°22	14°29	10°43	F 7
S 8	19 33 23	22°37'55	13°55	24° 1	14°25	4°46	29° 8	21°53	27°49	4°36	14°10	14°10	15°18	14°36	10°40	S 8
S 9	19 37 20	23°35'13	25°49	26° 6	14° 9	5°21	29°11	21°52	27°47	4°35	14°10	14° 5	15°15	14°43	10°38	S 9
M10	19 41 17	24°32'31	7♐41	28°10	13°51	5°56	29°15	21°51	27°45	4°34	14° 9	13°59	15°12	14°49	10°35	M10
T 11	19 45 13	25°29'51	19°34	0♌13	13°30	6°31	29°19	21°49	27°43	4°33	14° 8	13°51	15° 9	14°56	10°33	T 11
W12	19 49 10	26°27'11	1♑31	2°14	13° 7	7° 6	29°23	21°48	27°41	4°33	14° 7	13°42	15° 6	15° 3	10°31	W12
T 13	19 53 6	27°24'31	13°33	4°14	12°42	7°42	29°27	21°46	27°39	4°32	14° 7	13°34	15° 3	15° 9	10°29	T 13
F 14	19 57 3	28°21'53	25°43	6°13	12°15	8°17	29°32	21°44	27°37	4°31	14° 6	13°26	14°59	15°16	10°27	F 14
S 15	20 0 59	29°19'15	8♒ 1	8°10	11°46	8°53	29°36	21°42	27°35	4°30	14° 5	13°20	14°56	15°23	10°25	S 15
S 16	20 4 56	0♌16'39	20°29	10° 6	11°16	9°28	29°41	21°40	27°33	4°29	14° 4	13°15	14°53	15°30	10°23	S 16
M17	20 8 53	1°14'03	3♓ 7	12° 0	10°43	10° 4	29°46	21°38	27°31	4°29	14° 3	13°13	14°50	15°36	10°21	M17
T 18	20 12 49	2°11'28	15°57	13°53	10°10	10°40	29°51	21°36	27°29	4°28	14° 3	13°D13	14°47	15°43	10°20	T 18
W19	20 16 46	3° 8'55	29° 0	15°44	9°35	11°17	29°56	21°34	27°27	4°27	14° 2	13°14	14°43	15°50	10°18	W19
T 20	20 20 42	4° 6'23	12♈18	17°33	9° 0	11°53	0♏ 2	21°32	27°25	4°27	14° 1	13°15	14°40	15°57	10°17	T 20
F 21	20 24 39	5° 3'52	25°53	19°21	8°23	12°29	0° 7	21°29	27°24	4°26	14° 0	13°16	14°37	16° 3	10°15	F 21
S 22	20 28 35	6° 1'23	9♉45	21° 7	7°46	13° 6	0°13	21°27	27°22	4°26	13°59	13°R16	14°34	16°10	10°14	S 22
S 23	20 32 32	6°58'55	23°55	22°52	7° 9	13°42	0°18	21°24	27°20	4°25	13°58	13°15	14°31	16°17	10°13	S 23
M24	20 36 28	7°56'29	8♊21	24°35	6°32	14°19	0°24	21°22	27°19	4°24	13°57	13°13	14°28	16°23	10°11	M24
T 25	20 40 25	8°54'04	22°59	26°17	5°55	14°56	0°30	21°19	27°17	4°24	13°56	13° 9	14°24	16°30	10°10	T 25
W26	20 44 22	9°51'41	7♋44	27°57	5°18	15°33	0°37	21°16	27°15	4°24	13°55	13° 4	14°21	16°37	10° 9	W26
T 27	20 48 18	10°49'19	22°30	29°36	4°42	16°11	0°43	21°13	27°14	4°23	13°54	12°59	14°18	16°44	10° 8	T 27
F 28	20 52 15	11°46'59	7♌ 7	1♍13	4° 7	16°48	0°50	21°10	27°12	4°23	13°53	12°55	14°15	16°50	10° 8	F 28
S 29	20 56 11	12°44'40	21°30	2°48	3°33	17°25	0°56	21° 7	27°11	4°22	13°52	12°52	14°12	16°57	10° 7	S 29
S 30	21 0 8	13°42'22	5♍32	4°22	3° 0	18° 3	1° 3	21° 4	27° 9	4°22	13°51	12°51	14° 9	17° 4	10° 6	S 30
M31	21 4 4	14♌40'05	19♍12	5♍55	2♌29	18♎41	1♏10	21♓ 1	27♐ 8	4♐22	13♓50	12°D51	14♓ 5	17♐10	10♐ 6	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n34	19n25	2n37	24n11	0n59	13n54	2s33	0s11	0n 8	10s 0	1n 9	5s16	2s15	23s46	0s15	19s35	1n36	20s25	15s27	6s13	5s40	27s39	16s56	5n17
S 2	22 27	13 48	1 28	24 10	1 7	13 41	2 47	0 25	0 7	10 1	1 9	5 16	2 16	23 46	0 15	19 35	1 36	20 25	15 27	6 14	5 41	27 40	16 56	5 17
M 3	22 20	7 40	0 16	24 5	1 14	13 29	3 0	0 40	0 6	10 3	1 9	5 17	2 16	23 46	0 15	19 35	1 36	20 26	15 27	6 15	5 43	27 41	16 56	5 17
T 4	22 12	1 25	0s54	23 58	1 21	13 17	3 14	0 55	0 5	10 4	1 9	5 17	2 16	23 46	0 15	19 35	1 36	20 26	15 28	6 15	5 44	27 41	16 56	5 17
W 5	22 4	4s42	2 0	23 48	1 27	13 6	3 27	1 9	0 4	10 5	1 8	5 18	2 17	23 46	0 15	19 35	1 36	20 27	15 28	6 14	5 45	27 42	16 56	5 16
T 6	21 56	10 28	2 58	23 35	1 32	12 55	3 41	1 24	0 3	10 6	1 8	5 19	2 17	23 46	0 15	19 35	1 36	20 27	15 28	6 14	5 46	27 43	16 55	5 16
F 7	21 47	15 43	3 47	23 20	1 37	12 45	3 55	1 38	0 2	10 8	1 8	5 19	2 17	23 46	0 15	19 34	1 36	20 28	15 29	6 14	5 47	27 44	16 55	5 16
S 8	21 37	20 17	4 25	23 2	1 40	12 36	4 9	1 53	0 1	10 9	1 7	5 20	2 17	23 46	0 15	19 34	1 36	20 28	15 29	6 15	5 49	27 45	16 55	5 16
S 9	21 28	24 0	4 51	22 42	1 43	12 27	4 23	2 8	0s 0	10 11	1 7	5 21	2 18	23 46	0 15	19 34	1 36	20 29	15 29	6 17	5 50	27 46	16 55	5 16
M10	21 18	26 41	5 5	22 20	1 45	12 19	4 37	2 23	0 1	10 12	1 7	5 21	2 18	23 46	0 15	19 34	1 36	20 29	15 30	6 19	5 51	27 46	16 55	5 15
T 11	21 7	28 11	5 5	21 55	1 47	12 11	4 50	2 38	0 2	10 14	1 7	5 22	2 18	23 46	0 15	19 34	1 36	20 30	15 30	6 22	5 52	27 47	16 55	5 15
W12	20 57	28 23	4 52	21 29	1 48	12 5	5 4	2 53	0 3	10 16	1 6	5 23	2 18	23 46	0 15	19 34	1 36	20 30	15 30	6 26	5 54	27 48	16 55	5 15
T 13	20 45	27 15	4 26	21 1	1 48	11 59	5 18	3 8	0 4	10 17	1 6	5 24	2 19	23 46	0 15	19 34	1 35	20 31	15 31	6 29	5 55	27 49	16 55	5 15
F 14	20 34	24 49	3 48	20 31	1 47	11 53	5 31	3 22	0 5	10 19	1 6	5 25	2 19	23 46	0 15	19 34	1 35	20 32	15 31	6 32	5 56	27 50	16 55	5 14
S 15	20 22	21 12	2 58	20 0	1 46	11 49	5 44	3 37	0 6	10 21	1 6	5 26	2 19	23 46	0 15	19 34	1 35	20 32	15 31	6 35	5 57	27 50	16 55	5 14
S 16	20 10	16 37	2 0	19 27	1 44	11 45	5 56	3 52	0 7	10 23	1 5	5 27	2 19	23 46	0 15	19 33	1 35	20 33	15 31	6 36	5 59	27 51	16 55	5 14
M17	19 58	11 15	0 54	18 53	1 42	11 42	6 8	4 8	0 8	10 25	1 5	5 28	2 20	23 46	0 15	19 33	1 35	20 33	15 32	6 37	6 0	27 52	16 55	5 14
T 18	19 45	5 20	0n15	18 18	1 39	11 40	6 20	4 23	0 9	10 27	1 5	5 29	2 20	23 46	0 15	19 33	1 35	20 34	15 32	6 37	6 1	27 53	16 55	5 13
W19	19 32	0n54	1 25	17 42	1 35	11 38	6 31	4 38	0 10	10 29	1 5	5 30	2 20	23 46	0 15	19 33	1 35	20 34	15 32	6 37	6 2	27 53	16 55	5 13
T 20	19 18	7 12	2 31	17 5	1 31	11 37	6 41	4 53	0 11	10 31	1 4	5 31	2 20	23 46	0 15	19 33	1 35	20 35	15 32	6 36	6 3	27 54	16 55	5 13
F 21	19 4	13 19	3 31	16 27	1 27	11 37	6 51	5 8	0 12	10 33	1 4	5 32	2 21	23 46	0 15	19 33	1 35	20 36	15 33	6 36	6 5	27 55	16 55	5 13
S 22	18 50	18 53	4 20	15 49	1 22	11 37	7 0	5 23	0 13	10 36	1 4	5 34	2 21	23 46	0 15	19 33	1 35	20 36	15 33	6 36	6 6	27 55	16 55	5 12
S 23	18 36	23 34	4 54	15 10	1 17	11 38	7 9	5 38	0 13	10 38	1 4	5 35	2 21	23 46	0 15	19 33	1 35	20 37	15 33	6 36	6 7	27 56	16 55	5 12
M24	18 21	26 53	5 10	14 30	1 12	11 40	7 16	5 53	0 14	10 40	1 3	5 36	2 21	23 46	0 15	19 33	1 35	20 37	15 33	6 37	6 8	27 57	16 55	5 12
T 25	18 6	28 27	5 7	13 50	1 6	11 42	7 23	6 8	0 15	10 43	1 3	5 37	2 22	23 46	0 15	19 33	1 35	20 38	15 34	6 39	6 10	27 57	16 55	5 12
W26	17 51	28 1	4 43	13 10	1 0	11 45	7 29	6 24	0 16	10 45	1 3	5 39	2 22	23 45	0 15	19 33	1 35	20 38	15 34	6 41	6 11	27 58	16 55	5 11
T 27	17 35	25 36	4 1	12 29	0 53	11 48	7 34	6 39	0 17	10 47	1 3	5 40	2 22	23 45	0 15	19 33	1 35	20 39	15 34	6 42	6 12	27 59	16 56	5 11
F 28	17 19	21 30	3 3	11 48	0 46	11 52	7 38	6 54	0 18	10 50	1 2	5 41	2 22	23 45	0 15	19 33	1 35	20 40	15 34	6 44	6 13	27 59	16 56	5 11
S 29	17 3	16 11	1 54	11 7	0 39	11 57	7 42	7 9	0 19	10 52	1 2	5 43	2 22	23 45	0 15	19 33	1 35	20 40	15 35	6 45	6 15	28 0	16 56	5 10
S 30	16 46	10 8	0 40	10 26	0 32	12 1	7 45	7 24	0 20	10 55	1 2	5 44	2 23	23 45	0 15	19 33	1 35	20 41	15 35	6 46	6 16	28 1	16 56	5 10
M31	16n30	3n46	0s35	9n45	0n24	12n 6	7s46	7s40	0s20	10s58	1n 2	5s46	2s23	23s45	0s15	19s33	1n34	20s41	15s35	6s46	6s17	28s 1	16s56	5n10

Julian Day Number = 2202638.5, Delta T = 09m56s
Ecliptic obliquity = 23°31'48, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°14'07, Lahiri = 14°21'07 Julian Calendar 1 July 1318 == Greg. Calendar 9 July 1318

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ASTRODIENST EPHEMERIS for the year 1318
geocentric

AUGUST 1318 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	21 8 1	15♌37'49	2♎27	7♍26	1°R59	19♎18	1♏17	20°R58	27°R 7	4°R21	13°R49	12♓52	14♓ 2	17♐17	10°R 5	T 1
W 2	21 11 57	16°35'35	15°19	8°56	1♌32	19°56	1°24	20♓54	27♐ 5	4♐21	13♓48	12°54	13°59	17°24	10♐ 5	W 2
T 3	21 15 54	17°33'21	27°51	10°24	1° 6	20°34	1°32	20°51	27° 4	4°21	13°47	12°55	13°56	17°31	10° 5	T 3
F 4	21 19 51	18°31'09	10♏ 6	11°51	0°42	21°12	1°39	20°47	27° 3	4°21	13°46	12°56	13°53	17°37	10° 4	F 4
S 5	21 23 47	19°28'58	22° 9	13°16	0°20	21°51	1°47	20°44	27° 2	4°21	13°45	12°R56	13°49	17°44	10° 4	S 5
S 6	21 27 44	20°26'49	4♐ 5	14°39	0° 1	22°29	1°54	20°40	27° 1	4°21	13°44	12°56	13°46	17°51	10°D 4	S 6
M 7	21 31 40	21°24'41	15°58	16° 1	29♋44	23° 8	2° 2	20°36	27° 0	4°21	13°43	12°54	13°43	17°58	10° 4	M 7
T 8	21 35 37	22°22'34	27°53	17°22	29°29	23°46	2°10	20°33	26°59	4°21	13°42	12°51	13°40	18° 4	10° 4	T 8
W 9	21 39 33	23°20'28	9♉52	18°40	29°16	24°25	2°18	20°29	26°58	4°D20	13°40	12°48	13°37	18°11	10° 5	W 9
T 10	21 43 30	24°18'24	22° 0	19°57	29° 6	25° 4	2°27	20°25	26°57	4°21	13°39	12°45	13°34	18°18	10° 5	T 10
F 11	21 47 26	25°16'22	4♒19	21°12	28°58	25°43	2°35	20°21	26°56	4°21	13°38	12°43	13°30	18°24	10° 6	F 11
S 12	21 51 23	26°14'20	16°50	22°26	28°53	26°22	2°43	20°17	26°55	4°21	13°37	12°41	13°27	18°31	10° 6	S 12
S 13	21 55 20	27°12'21	29°35	23°37	28°50	27° 1	2°52	20°13	26°54	4°21	13°36	12°40	13°24	18°38	10° 7	S 13
M14	21 59 16	28°10'23	12♓33	24°46	28°D50	27°40	3° 1	20° 9	26°53	4°21	13°35	12°D39	13°21	18°45	10° 7	M14
T 15	22 3 13	29° 8'27	25°45	25°54	28°52	28°19	3° 9	20° 4	26°53	4°21	13°34	12°40	13°18	18°51	10° 8	T 15
W16	22 7 9	0♍ 6'32	9♈10	26°59	28°56	28°59	3°18	20° 0	26°52	4°21	13°32	12°40	13°15	18°58	10° 9	W16
T 17	22 11 6	1° 4'40	22°47	28° 1	29° 2	29°38	3°27	19°56	26°51	4°22	13°31	12°41	13°11	19° 5	10°10	T 17
F 18	22 15 2	2° 2'49	6♉36	29° 2	29°11	0♏18	3°37	19°52	26°51	4°22	13°30	12°42	13° 8	19°12	10°11	F 18
S 19	22 18 59	3° 1'01	20°35	29°59	29°21	0°58	3°46	19°47	26°50	4°22	13°29	12°43	13° 5	19°18	10°12	S 19
S 20	22 22 55	3°59'15	4♊43	0♎55	29°34	1°38	3°55	19°43	26°50	4°23	13°28	12°R43	13° 2	19°25	10°14	S 20
M21	22 26 52	4°57'31	18°58	1°47	29°49	2°18	4° 5	19°39	26°49	4°23	13°26	12°43	12°59	19°32	10°15	M21
T 22	22 30 49	5°55'49	3♋18	2°36	0♌ 6	2°58	4°14	19°34	26°49	4°23	13°25	12°42	12°55	19°38	10°16	T 22
W23	22 34 45	6°54'09	17°38	3°21	0°25	3°38	4°24	19°30	26°48	4°24	13°24	12°42	12°52	19°45	10°18	W23
T 24	22 38 42	7°52'32	1♌56	4° 3	0°46	4°18	4°34	19°25	26°48	4°24	13°23	12°41	12°49	19°52	10°20	T 24
F 25	22 42 38	8°50'56	16° 6	4°41	1° 8	4°59	4°43	19°21	26°48	4°25	13°22	12°41	12°46	19°59	10°21	F 25
S 26	22 46 35	9°49'22	0♍ 5	5°16	1°32	5°39	4°53	19°16	26°48	4°25	13°20	12°40	12°43	20° 5	10°23	S 26
S 27	22 50 31	10°47'50	13°50	5°45	1°58	6°20	5° 4	19°11	26°48	4°26	13°19	12°D40	12°40	20°12	10°25	S 27
M28	22 54 28	11°46'20	27°17	6°10	2°26	7° 0	5°14	19° 7	26°48	4°27	13°18	12°40	12°36	20°19	10°27	M28
T 29	22 58 24	12°44'52	10♎25	6°30	2°55	7°41	5°24	19° 2	26°D48	4°27	13°17	12°R40	12°33	20°25	10°29	T 29
W30	23 2 21	13°43'26	23°14	6°44	3°25	8°22	5°34	18°58	26°48	4°28	13°15	12°40	12°30	20°32	10°31	W30
T 31	23 6 18	14♍42'02	5♏45	6♎53	3♌57	9♏ 3	5♏45	18♓53	26♐48	4♐29	13♓14	12♓40	12♓27	20♐39	10♐33	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	16n13	2s35	1s45	9n 4	0n16	12n12	7s47	7s55	0s21	11s 0	1n 1	5s47	2s23	23s45	0s15	19s33	1n34	20s42	15s35	6s45	6s18	28s 2	16s57	5n 9	T 1
W 2	15 55	8 39	2 49	8 23	0 8	12 17	7 48	8 10	0 22	11 3	1 1	5 49	2 23	23 45	0 15	19 33	1 34	20 43	15 35	6 45	6 19	28 3	16 57	5 9	W 2
T 3	15 38	14 12	3 42	7 42	0s 0	12 23	7 47	8 25	0 23	11 6	1 1	5 50	2 23	23 45	0 15	19 33	1 34	20 43	15 35	6 44	6 21	28 3	16 57	5 9	T 3
F 4	15 20	19 5	4 24	7 1	0 8	12 29	7 46	8 40	0 24	11 9	1 1	5 52	2 24	23 45	0 15	19 33	1 34	20 44	15 36	6 44	6 22	28 4	16 57	5 8	F 4
S 5	15 2	23 6	4 54	6 20	0 17	12 36	7 44	8 55	0 25	11 11	1 1	5 53	2 24	23 45	0 15	19 33	1 34	20 44	15 36	6 44	6 23	28 4	16 58	5 8	S 5
S 6	14 44	26 8	5 11	5 40	0 26	12 42	7 42	9 11	0 25	11 14	1 0	5 55	2 24	23 45	0 15	19 33	1 34	20 45	15 36	6 44	6 24	28 5	16 58	5 8	S 6
M 7	14 25	27 59	5 14	5 0	0 34	12 49	7 38	9 26	0 26	11 17	1 0	5 57	2 24	23 45	0 15	19 33	1 34	20 46	15 36	6 45	6 26	28 6	16 58	5 7	M 7
T 8	14 6	28 34	5 4	4 21	0 43	12 55	7 35	9 41	0 27	11 20	1 0	5 58	2 24	23 45	0 15	19 33	1 34	20 46	15 36	6 46	6 27	28 6	16 59	5 7	T 8
W 9	13 47	27 49	4 40	3 42	0 52	13 2	7 30	9 56	0 28	11 23	1 0	6 0	2 25	23 45	0 15	19 33	1 34	20 47	15 36	6 47	6 28	28 7	16 59	5 7	W 9
T 10	13 28	25 44	4 4	3 3	1 2	13 9	7 26	10 11	0 29	11 26	0 59	6 2	2 25	23 45	0 15	19 33	1 34	20 47	15 37	6 48	6 29	28 7	16 59	5 7	T 10
F 11	13 9	22 25	3 16	2 25	1 11	13 15	7 20	10 26	0 29	11 29	0 59	6 3	2 25	23 45	0 15	19 33	1 34	20 48	15 37	6 49	6 30	28 8	17 0	5 6	F 11
S 12	12 49	18 2	2 18	1 48	1 20	13 22	7 15	10 41	0 30	11 32	0 59	6 5	2 25	23 45	0 15	19 33	1 34	20 48	15 37	6 50	6 32	28 8	17 0	5 6	S 12
S 13	12 29	12 47	1 12	1 11	1 29	13 28	7 9	10 56	0 31	11 36	0 59	6 7	2 25	23 45	0 15	19 33	1 34	20 49	15 37	6 50	6 33	28 9	17 1	5 6	S 13
M14	12 9	6 53	0 1	0 35	1 38	13 35	7 2	11 10	0 32	11 39	0 59	6 9	2 25	23 45	0 15	19 34	1 34	20 50	15 37	6 50	6 34	28 9	17 1	5 5	M14
T 15	11 49	0 36	1n12	0s 1	1 48	13 41	6 56	11 25	0 32	11 42	0 58	6 10	2 25	23 45	0 15	19 34	1 34	20 50	15 37	6 50	6 35	28 10	17 2	5 5	T 15
W16	11 29	5n49	2 21	0 35	1 57	13 47	6 49	11 40	0 33	11 45	0 58	6 12	2 26	23 45	0 15	19 34	1 34	20 51	15 37	6 50	6 37	28 10	17 2	5 5	W16
T 17	11 8	12 3	3 24	1 8	2 6	13 53	6 41	11 55	0 34	11 48	0 58	6 14	2 26	23 45	0 15	19 34	1 34	20 51	15 37	6 49	6 38	28 11	17 3	5 4	T 17
F 18	10 47	17 48	4 16	1 41	2 15	13 58	6 34	12 10	0 35	11 52	0 58	6 16	2 26	23 45	0 15	19 34	1 33	20 52	15 38	6 49	6 39	28 11	17 3	5 4	F 18
S 19	10 26	22 40	4 53	2 12	2 24	14 4	6 26	12 24	0 35	11 55	0 58	6 18	2 26	23 45	0 15	19 34	1 33	20 52	15 38	6 49	6 40	28 12	17 3	5 4	S 19
S 20	10 5	26 18	5 13	2 42	2 33	14 9	6 18	12 39	0 36	11 58	0 57	6 20	2 26	23 45	0 15	19 34	1 33	20 53	15 38	6 49	6 41	28 12	17 4	5 3	S 20
M21	9 44	28 18	5 15	3 11	2 42	14 14	6 10	12 53	0 37	12 2	0 57	6 21	2 26	23 45	0 15	19 34	1 33	20 54	15 38	6 49	6 43	28 13	17 5	5 3	M21
T 22	9 22	28 26	4 56	3 38	2 50	14 18	6 2	13 8	0 37	12 5	0 57	6 23	2 26	23 45	0 15	19 34	1 33	20 54	15 38	6 49	6 44	28 13	17 5	5 3	T 22
W23	9 1	26 39	4 20	4 4	2 59	14 22	5 54	13 22	0 38	12 9	0 57	6 25	2 27	23 45	0 15	19 35	1 33	20 55	15 38	6 49	6 45	28 14	17 6	5 2	W23
T 24	8 39	23 10	3 27	4 28	3 7	14 26	5 46	13 37	0 39	12 12	0 57	6 27	2 27	23 45	0 15	19 35	1 33	20 55	15 38	6 49	6 46	28 14	17 6	5 2	T 24
F 25	8 17	18 20	2 22	4 51	3 14	14 30	5 37	13 51	0 39	12 16	0 56	6 29	2 27	23 45	0 15	19 35	1 33	20 56	15 38	6 50	6 48	28 14	17 7	5 2	F 25
S 26	7 55	12 34	1 9	5 11	3 22	14 33	5 29	14 5	0 40	12 19	0 56	6 31	2 27	23 45	0 15	19 35	1 33	20 56	15 38	6 50	6 49	28 15	17 7	5 1	S 26
S 27	7 33	6 17	0s 6	5 29	3 29	14 36	5 20	14 19	0 41	12 23	0 56	6 33	2 27	23 45	0 15	19 35	1 33	20 57	15 38	6 50	6 50	28 15	17 8	5 1	S 27
M28	7 10	0s 8	1 20	5 45	3 35	14 38	5 12	14 33	0 41	12 26	0 56	6 35	2 27	23 45	0 15	19 35	1 33	20 57	15 38	6 50	6 51	28 16	17 9	5 1	M28
T 29	6 48	6 24	2 28	5 58	3 41	14 40	5 3	14 47	0 42	12 30	0 56	6 36	2 27	23 45	0 15	19 36	1 33	20 58	15 38	6 50	6 52	28 16	17 9	5 0	T 29
W30	6 25	12 15	3 26	6 8	3 46	14 41	4 54	15 1	0 43	12 33	0 55	6 38	2 27	23 45	0 15	19 36	1 33	20 58	15 38	6 50	6 54	28 16	17 10	5 0	W30
T 31	6n 3	17s28	4s13	6s16	3s50	14n42	4s46	15s15	0s43	12s37	0n55	6s40	2s27	23s45	0s15	19s36	1n33	20s59	15s38	6s50	6s55	28s17	17s10	5n 0	T 31

Julian Day Number = 2202669.5, Delta T = 09m56s
Ecliptic obliquity = 23°31'49, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°14'11, Lahiri = 14°21'11 Julian Calendar 1 Aug. 1318 == Greg. Calendar 9 Aug. 1318

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1318
geocentric

SEPTEMBER 1318 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	23 10 14	15♍40'39	18♏ 1	6°R55	4♌31	9♏44	5♏55	18°R48	26♐48	4♐29	13°R13	12°R40	12♓24	20♐46	10♐36	F 1
S 2	23 14 11	16°39'18	0♐ 5	6♎51	5° 6	10°25	6° 6	18♓44	26°48	4°30	13♓12	12♓40	12°21	20°52	10°38	S 2
S 3	23 18 7	17°37'59	12° 2	6°41	5°42	11° 6	6°17	18°39	26°48	4°31	13°11	12°D39	12°17	20°59	10°41	S 3
M 4	23 22 4	18°36'42	23°55	6°23	6°19	11°48	6°27	18°34	26°48	4°32	13° 9	12°39	12°14	21° 6	10°43	M 4
T 5	23 26 0	19°35'26	5♑49	5°58	6°57	12°29	6°38	18°30	26°49	4°33	13° 8	12°40	12°11	21°13	10°46	T 5
W 6	23 29 57	20°34'12	17°50	5°25	7°37	13°11	6°49	18°25	26°49	4°33	13° 7	12°40	12° 8	21°19	10°49	W 6
T 7	23 33 53	21°33'00	0♒ 0	4°46	8°18	13°52	7° 0	18°20	26°50	4°34	13° 6	12°41	12° 5	21°26	10°51	T 7
F 8	23 37 50	22°31'50	12°25	3°59	9° 0	14°34	7°11	18°16	26°50	4°35	13° 5	12°42	12° 1	21°33	10°54	F 8
S 9	23 41 47	23°30'41	25° 6	3° 7	9°43	15°16	7°22	18°11	26°51	4°36	13° 3	12°43	11°58	21°39	10°57	S 9
S 10	23 45 43	24°29'35	8♓ 6	2° 8	10°27	15°58	7°34	18° 6	26°51	4°37	13° 2	12°R43	11°55	21°46	11° 0	S 10
M11	23 49 40	25°28'30	21°24	1° 5	11°12	16°40	7°45	18° 2	26°52	4°38	13° 1	12°43	11°52	21°53	11° 4	M11
T 12	23 53 36	26°27'27	5♈ 1	29♍59	11°58	17°22	7°56	17°57	26°53	4°39	13° 0	12°42	11°49	22° 0	11° 7	T 12
W13	23 57 33	27°26'27	18°53	28°51	12°44	18° 4	8° 8	17°52	26°53	4°41	12°59	12°41	11°46	22° 6	11°10	W13
T 14	0 1 29	28°25'28	2♉58	27°43	13°32	18°46	8°19	17°48	26°54	4°42	12°57	12°39	11°42	22°13	11°13	T 14
F 15	0 5 26	29°24'32	17°11	26°36	14°21	19°28	8°31	17°43	26°55	4°43	12°56	12°37	11°39	22°20	11°17	F 15
S 16	0 9 22	0♎23'39	1♊29	25°33	15°10	20°11	8°43	17°39	26°56	4°44	12°55	12°35	11°36	22°26	11°20	S 16
S 17	0 13 19	1°22'48	15°47	24°35	16° 0	20°53	8°55	17°34	26°57	4°45	12°54	12°33	11°33	22°33	11°24	S 17
M18	0 17 15	2°21'59	0♋ 1	23°44	16°51	21°36	9° 6	17°30	26°58	4°47	12°53	12°D33	11°30	22°40	11°28	M18
T 19	0 21 12	3°21'12	14°10	23° 1	17°43	22°18	9°18	17°25	26°59	4°48	12°52	12°33	11°26	22°47	11°32	T 19
W20	0 25 9	4°20'28	28°12	22°28	18°35	23° 1	9°30	17°21	27° 0	4°49	12°51	12°34	11°23	22°53	11°35	W20
T 21	0 29 5	5°19'47	12♌ 5	22° 4	19°28	23°44	9°42	17°17	27° 1	4°50	12°49	12°36	11°20	23° 0	11°39	T 21
F 22	0 33 2	6°19'07	25°48	21°52	20°22	24°27	9°54	17°12	27° 2	4°52	12°48	12°37	11°17	23° 7	11°43	F 22
S 23	0 36 58	7°18'30	9♍20	21°D50	21°16	25°10	10° 6	17° 8	27° 3	4°53	12°47	12°R38	11°14	23°14	11°47	S 23
S 24	0 40 55	8°17'55	22°40	21°59	22°11	25°53	10°19	17° 4	27° 5	4°55	12°46	12°37	11°11	23°20	11°51	S 24
M25	0 44 51	9°17'22	5♎47	22°18	23° 7	26°36	10°31	17° 0	27° 6	4°56	12°45	12°36	11° 7	23°27	11°56	M25
T 26	0 48 48	10°16'51	18°40	22°48	24° 3	27°19	10°43	16°56	27° 7	4°58	12°44	12°33	11° 4	23°34	12° 0	T 26
W27	0 52 44	11°16'22	1♏19	23°27	24°59	28° 2	10°55	16°52	27° 9	4°59	12°43	12°28	11° 1	23°40	12° 4	W27
T 28	0 56 41	12°15'56	13°45	24°14	25°57	28°46	11° 8	16°48	27°10	5° 1	12°42	12°23	10°58	23°47	12° 9	T 28
F 29	1 0 38	13°15'31	25°58	25° 9	26°54	29°29	11°20	16°44	27°12	5° 2	12°41	12°18	10°55	23°54	12°13	F 29
S 30	1 4 34	14♎15'08	8♐ 0	26♍12	27♌52	0♐13	11♏33	16♓40	27♐13	5♐ 4	12♓40	12♓13	10♓52	24♐ 1	12♐18	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	5n40	21s52	4s48	6s20	3s53	14n43	4s37	15s29	0s44	12s41	0n55	6s42	2s27	23s45	0s15	19s36	1n33	20s59	15s38	6s50	6s56	28s17	17s11	4n59	F 1
S 2	5 17	25 17	5 9	6 20	3 56	14 43	4 29	15 42	0 45	12 44	0 55	6 44	2 27	23 45	0 15	19 36	1 33	21 0	15 38	6 50	6 57	28 17	17 12	4 59	S 2
S 3	4 54	27 33	5 17	6 17	3 57	14 43	4 20	15 56	0 45	12 48	0 55	6 46	2 27	23 45	0 15	19 36	1 33	21 0	15 38	6 50	6 59	28 18	17 12	4 59	S 3
M 4	4 31	28 34	5 11	6 10	3 57	14 42	4 11	16 9	0 46	12 52	0 55	6 48	2 27	23 45	0 15	19 37	1 32	21 1	15 38	6 50	7 0	28 18	17 13	4 58	M 4
T 5	4 8	28 15	4 51	5 58	3 55	14 41	4 3	16 23	0 46	12 56	0 54	6 50	2 27	23 45	0 15	19 37	1 32	21 1	15 38	6 50	7 1	28 18	17 14	4 58	T 5
W 6	3 45	26 37	4 19	5 43	3 52	14 39	3 54	16 36	0 47	12 59	0 54	6 52	2 27	23 45	0 15	19 37	1 32	21 2	15 38	6 50	7 2	28 19	17 14	4 58	W 6
T 7	3 22	23 43	3 35	5 23	3 48	14 37	3 46	16 49	0 48	13 3	0 54	6 53	2 28	23 45	0 15	19 37	1 32	21 2	15 38	6 49	7 3	28 19	17 15	4 57	T 7
F 8	2 58	19 42	2 40	4 58	3 41	14 35	3 37	17 2	0 48	13 7	0 54	6 55	2 28	23 45	0 15	19 38	1 32	21 2	15 38	6 49	7 5	28 19	17 16	4 57	F 8
S 9	2 35	14 43	1 36	4 29	3 33	14 32	3 29	17 15	0 49	13 11	0 54	6 57	2 28	23 45	0 15	19 38	1 32	21 3	15 38	6 49	7 6	28 20	17 16	4 57	S 9
S 10	2 12	8 58	0 26	3 57	3 22	14 28	3 21	17 28	0 49	13 14	0 54	6 59	2 28	23 45	0 15	19 38	1 32	21 3	15 38	6 49	7 7	28 20	17 17	4 56	S 10
M11	1 48	2 41	0n48	3 20	3 10	14 24	3 13	17 41	0 50	13 18	0 53	7 1	2 28	23 45	0 15	19 38	1 32	21 4	15 38	6 49	7 8	28 20	17 18	4 56	M11
T 12	1 25	3n50	2 0	2 41	2 56	14 19	3 4	17 53	0 50	13 22	0 53	7 3	2 28	23 45	0 15	19 39	1 32	21 4	15 38	6 49	7 10	28 21	17 19	4 56	T 12
W13	1 1	10 18	3 7	1 59	2 40	14 14	2 56	18 6	0 51	13 26	0 53	7 4	2 28	23 45	0 15	19 39	1 32	21 5	15 38	6 49	7 11	28 21	17 19	4 55	W13
T 14	0 38	16 21	4 3	1 16	2 22	14 8	2 48	18 18	0 52	13 30	0 53	7 6	2 28	23 45	0 15	19 39	1 32	21 5	15 38	6 50	7 12	28 21	17 20	4 55	T 14
F 15	0 14	21 34	4 45	0 32	2 4	14 2	2 40	18 30	0 52	13 34	0 53	7 8	2 28	23 45	0 15	19 39	1 32	21 5	15 38	6 51	7 13	28 21	17 21	4 55	F 15
S 16	0s 9	25 35	5 9	0n11	1 44	13 55	2 32	18 42	0 53	13 38	0 53	7 10	2 28	23 45	0 15	19 40	1 32	21 6	15 38	6 52	7 14	28 22	17 22	4 55	S 16
S 17	0 33	27 59	5 14	0 53	1 24	13 48	2 25	18 54	0 53	13 42	0 53	7 11	2 28	23 45	0 15	19 40	1 32	21 6	15 38	6 52	7 16	28 22	17 22	4 54	S 17
M18	0 57	28 32	5 1	1 32	1 3	13 40	2 17	19 6	0 54	13 45	0 52	7 13	2 28	23 45	0 15	19 40	1 32	21 6	15 37	6 53	7 17	28 22	17 23	4 54	M18
T 19	1 20	27 13	4 28	2 7	0 43	13 32	2 9	19 17	0 54	13 49	0 52	7 15	2 27	23 45	0 15	19 40	1 32	21 7	15 37	6 53	7 18	28 22	17 24	4 54	T 19
W20	1 44	24 12	3 40	2 39	0 23	13 23	2 2	19 29	0 55	13 53	0 52	7 17	2 27	23 45	0 15	19 41	1 32	21 7	15 37	6 52	7 19	28 22	17 25	4 53	W20
T 21	2 8	19 48	2 40	3 6	0 4	13 14	1 54	19 40	0 55	13 57	0 52	7 18	2 27	23 45	0 15	19 41	1 32	21 7	15 37	6 52	7 20	28 23	17 26	4 53	T 21
F 22	2 31	14 24	1 31	3 27	0n14	13 4	1 47	19 51	0 56	14 1	0 52	7 20	2 27	23 45	0 15	19 41	1 32	21 8	15 37	6 51	7 22	28 23	17 26	4 53	F 22
S 23	2 55	8 23	0 18	3 43	0 31	12 54	1 40	20 2	0 56	14 5	0 52	7 21	2 27	23 45	0 15	19 42	1 31	21 8	15 37	6 51	7 23	28 23	17 27	4 53	S 23
S 24	3 18	2 5	0s55	3 54	0 46	12 43	1 32	20 13	0 57	14 9	0 52	7 23	2 27	23 45	0 15	19 42	1 31	21 8	15 37	6 51	7 24	28 23	17 28	4 52	S 24
M25	3 42	4s12	2 4	3 59	1 0	12 31	1 25	20 24	0 57	14 13	0 51	7 25	2 27	23 45	0 15	19 42	1 31	21 9	15 37	6 52	7 25	28 23	17 29	4 52	M25
T 26	4 5	10 11	3 5	3 59	1 13	12 19	1 18	20 34	0 57	14 17	0 51	7 26	2 27	23 45	0 15	19 42	1 31	21 9	15 36	6 53	7 26	28 23	17 30	4 52	T 26
W27	4 29	15 39	3 55	3 54	1 24	12 7	1 12	20 44	0 58	14 21	0 51	7 28	2 27	23 45	0 15	19 43	1 31	21 9	15 36	6 54	7 28	28 24	17 30	4 52	W27
T 28	4 52	20 22	4 34	3 44	1 33	11 54	1 5	20 55	0 58	14 25	0 51	7 29	2 27	23 45	0 15	19 43	1 31	21 10	15 36	6 56	7 29	28 24	17 31	4 51	T 28
F 29	5 15	24 9	4 59	3 29	1 41	11 41	0 58	21 4	0 59	14 29	0 51	7 31	2 27	23 45	0 15	19 43	1 31	21 10	15 36	6 58	7 30	28 24	17 32	4 51	F 29
S 30	5s38	26s50	5s11	3n10	1n48	11n27	0s51	21s14	0s59	14s33	0n51	7s32	2s27	23s45	0s15	19s44	1n31	21s10	15s36	7s 0	7s31	28s24	17s33	4n51	S 30

Julian Day Number = 2202700.5, Delta T = 09m56s
Ecliptic obliquity = 23°31'49, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°14'15, Lahiri = 14°21'16 Julian Calendar 1 Sept. 1318 == Greg. Calendar 9 Sept. 1318

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ASTRODIENST EPHEMERIS for the year 1318
geocentric

OCTOBER 1318 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	1 8 31	15♎14'47	19♐56	27♍20	28♌51	0♐56	11♏45	16°R36	27♐15	5♐ 5	12°R39	12°R 9	10♓48	24♐ 7	12♐22	S 1
M 2	1 12 27	16°14'28	1♑48	28°34	29°50	1°40	11°58	16♓32	27°17	5° 7	12♓38	12♓ 6	10°45	24°14	12°27	M 2
T 3	1 16 24	17°14'11	13°40	29°53	0♍50	2°24	12°11	16°29	27°18	5° 9	12°37	12°D 5	10°42	24°21	12°32	T 3
W 4	1 20 20	18°13'55	25°38	1♎16	1°50	3° 8	12°23	16°25	27°20	5°10	12°36	12° 5	10°39	24°27	12°36	W 4
T 5	1 24 17	19°13'41	7♒47	2°42	2°50	3°52	12°36	16°21	27°22	5°12	12°35	12° 6	10°36	24°34	12°41	T 5
F 6	1 28 13	20°13'29	20°11	4°11	3°51	4°36	12°49	16°18	27°24	5°14	12°34	12° 8	10°32	24°41	12°46	F 6
S 7	1 32 10	21°13'18	2♓55	5°42	4°53	5°20	13° 2	16°15	27°26	5°15	12°33	12° 9	10°29	24°48	12°51	S 7
S 8	1 36 7	22°13'09	16° 2	7°16	5°54	6° 4	13°14	16°11	27°28	5°17	12°32	12°R 9	10°26	24°54	12°56	S 8
M 9	1 40 3	23°13'03	29°33	8°51	6°56	6°48	13°27	16° 8	27°30	5°19	12°31	12° 8	10°23	25° 1	13° 1	M 9
T 10	1 44 0	24°12'57	13♈29	10°27	7°59	7°32	13°40	16° 5	27°32	5°21	12°30	12° 5	10°20	25° 8	13° 6	T 10
W11	1 47 56	25°12'54	27°46	12° 4	9° 2	8°17	13°53	16° 2	27°34	5°23	12°30	12° 0	10°17	25°14	13°12	W11
T 12	1 51 53	26°12'53	12♉20	13°42	10° 5	9° 1	14° 6	15°59	27°36	5°24	12°29	11°53	10°13	25°21	13°17	T 12
F 13	1 55 49	27°12'54	27° 2	15°20	11° 8	9°45	14°19	15°56	27°38	5°26	12°28	11°46	10°10	25°28	13°22	F 13
S 14	1 59 46	28°12'57	11♊47	16°59	12°12	10°30	14°32	15°53	27°40	5°28	12°27	11°39	10° 7	25°35	13°27	S 14
S 15	2 3 42	29°13'02	26°25	18°38	13°16	11°15	14°45	15°50	27°43	5°30	12°26	11°33	10° 4	25°41	13°33	S 15
M16	2 7 39	0♏13'09	10♋52	20°17	14°21	11°59	14°58	15°48	27°45	5°32	12°26	11°29	10° 1	25°48	13°38	M16
T 17	2 11 36	1°13'19	25° 4	21°56	15°26	12°44	15°11	15°45	27°47	5°34	12°25	11°28	9°58	25°55	13°44	T 17
W18	2 15 32	2°13'30	8♌59	23°35	16°31	13°29	15°25	15°42	27°50	5°36	12°24	11°D28	9°54	26° 1	13°49	W18
T 19	2 19 29	3°13'44	22°37	25°14	17°36	14°14	15°38	15°40	27°52	5°38	12°23	11°29	9°51	26° 8	13°55	T 19
F 20	2 23 25	4°14'00	6♍ 0	26°52	18°42	14°58	15°51	15°38	27°54	5°40	12°23	11°R30	9°48	26°15	14° 1	F 20
S 21	2 27 22	5°14'17	19°10	28°31	19°48	15°43	16° 4	15°36	27°57	5°42	12°22	11°29	9°45	26°22	14° 6	S 21
S 22	2 31 18	6°14'37	2♎ 6	0♏ 9	20°54	16°29	16°17	15°33	27°59	5°44	12°21	11°27	9°42	26°28	14°12	S 22
M23	2 35 15	7°14'59	14°52	1°47	22° 0	17°14	16°31	15°31	28° 2	5°46	12°21	11°23	9°38	26°35	14°18	M23
T 24	2 39 11	8°15'22	27°27	3°24	23° 7	17°59	16°44	15°30	28° 5	5°48	12°20	11°15	9°35	26°42	14°24	T 24
W25	2 43 8	9°15'47	9♏52	5° 1	24°14	18°44	16°57	15°28	28° 7	5°50	12°20	11° 5	9°32	26°49	14°29	W25
T 26	2 47 5	10°16'14	22° 7	6°38	25°21	19°29	17°11	15°26	28°10	5°52	12°19	10°54	9°29	26°55	14°35	T 26
F 27	2 51 1	11°16'43	4♐14	8°15	26°29	20°15	17°24	15°24	28°13	5°54	12°19	10°42	9°26	27° 2	14°41	F 27
S 28	2 54 58	12°17'13	16°13	9°51	27°36	21° 0	17°37	15°23	28°15	5°56	12°18	10°30	9°23	27° 9	14°47	S 28
S 29	2 58 54	13°17'45	28° 6	11°28	28°44	21°46	17°51	15°21	28°18	5°58	12°18	10°20	9°19	27°15	14°53	S 29
M30	3 2 51	14°18'18	9♑56	13° 3	29°52	22°31	18° 4	15°20	28°21	6° 0	12°17	10°12	9°16	27°22	14°59	M30
T 31	3 6 47	15♏18'53	21♑46	14♏39	1♎ 0	23♐17	18♏17	15♓19	28♐24	6♐ 3	12♓17	10♓ 7	9♓13	27♐29	15♐ 5	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	6s 2	28s17	5s 9	2n48	1n53	11n13	0s45	21s24	1s 0	14s37	0n51	7s34	2s27	23s45	0s15	19s44	1n31	21s10	15s36	7s 2	7s33	28s24	17s34	4n51
M 2	6 25	28 24	4 53	2 22	1 58	10 58	0 39	21 33	1 0	14 41	0 51	7 35	2 27	23 45	0 15	19 44	1 31	21 11	15 35	7 3	7 34	28 24	17 34	4 50
T 3	6 48	27 14	4 26	1 53	2 1	10 43	0 32	21 42	1 1	14 45	0 50	7 36	2 26	23 45	0 15	19 45	1 31	21 11	15 35	7 3	7 35	28 24	17 35	4 50
W 4	7 11	24 48	3 46	1 22	2 2	10 27	0 26	21 52	1 1	14 49	0 50	7 38	2 26	23 45	0 15	19 45	1 31	21 11	15 35	7 3	7 36	28 24	17 36	4 50
T 5	7 33	21 13	2 56	0 48	2 3	10 11	0 20	22 0	1 1	14 53	0 50	7 39	2 26	23 45	0 15	19 45	1 31	21 11	15 35	7 3	7 37	28 24	17 37	4 50
F 6	7 56	16 39	1 57	0 13	2 3	9 55	0 14	22 9	1 2	14 57	0 50	7 40	2 26	23 45	0 15	19 46	1 31	21 11	15 35	7 2	7 39	28 25	17 38	4 50
S 7	8 19	11 15	0 50	0s24	2 2	9 38	0 8	22 17	1 2	15 1	0 50	7 41	2 26	23 45	0 15	19 46	1 31	21 11	15 35	7 2	7 40	28 25	17 38	4 49
S 8	8 41	5 12	0n21	1 3	2 1	9 20	0 3	22 26	1 2	15 5	0 50	7 43	2 26	23 45	0 15	19 46	1 31	21 12	15 34	7 2	7 41	28 25	17 39	4 49
M 9	9 3	1n14	1 33	1 42	1 59	9 2	0n 3	22 34	1 3	15 9	0 50	7 44	2 26	23 46	0 15	19 47	1 31	21 12	15 34	7 2	7 42	28 25	17 40	4 49
T 10	9 25	7 49	2 41	2 23	1 56	8 44	0 8	22 41	1 3	15 13	0 50	7 45	2 26	23 46	0 15	19 47	1 31	21 12	15 34	7 3	7 43	28 25	17 41	4 49
W11	9 48	14 9	3 41	3 4	1 52	8 26	0 14	22 49	1 4	15 17	0 50	7 46	2 26	23 46	0 15	19 48	1 31	21 12	15 34	7 5	7 45	28 25	17 42	4 49
T 12	10 9	19 50	4 28	3 45	1 49	8 7	0 19	22 56	1 4	15 21	0 49	7 47	2 25	23 46	0 15	19 48	1 31	21 12	15 33	7 8	7 46	28 25	17 43	4 48
F 13	10 31	24 24	4 58	4 27	1 44	7 47	0 24	23 3	1 4	15 25	0 49	7 48	2 25	23 46	0 15	19 48	1 31	21 12	15 33	7 11	7 47	28 25	17 43	4 48
S 14	10 53	27 22	5 7	5 10	1 40	7 27	0 29	23 10	1 5	15 29	0 49	7 49	2 25	23 46	0 15	19 49	1 31	21 12	15 33	7 13	7 48	28 25	17 44	4 48
S 15	11 14	28 26	4 57	5 52	1 35	7 7	0 34	23 17	1 5	15 32	0 49	7 50	2 25	23 46	0 15	19 49	1 31	21 12	15 33	7 15	7 49	28 25	17 45	4 48
M16	11 35	27 32	4 28	6 35	1 29	6 47	0 39	23 23	1 5	15 36	0 49	7 51	2 25	23 46	0 15	19 49	1 31	21 13	15 32	7 17	7 51	28 25	17 46	4 48
T 17	11 57	24 51	3 43	7 17	1 24	6 26	0 43	23 30	1 6	15 40	0 49	7 52	2 25	23 46	0 15	19 50	1 30	21 13	15 32	7 18	7 52	28 25	17 47	4 48
W18	12 17	20 44	2 46	7 59	1 18	6 5	0 48	23 36	1 6	15 44	0 49	7 52	2 25	23 46	0 15	19 50	1 30	21 13	15 32	7 18	7 53	28 25	17 47	4 47
T 19	12 38	15 36	1 40	8 41	1 12	5 43	0 52	23 41	1 6	15 48	0 49	7 53	2 24	23 46	0 15	19 51	1 30	21 13	15 32	7 17	7 54	28 25	17 48	4 47
F 20	12 59	9 48	0 29	9 22	1 6	5 21	0 57	23 47	1 6	15 52	0 49	7 54	2 24	23 46	0 15	19 51	1 30	21 13	15 31	7 17	7 55	28 25	17 49	4 47
S 21	13 19	3 41	0s41	10 4	1 0	4 59	1 1	23 52	1 7	15 56	0 49	7 55	2 24	23 46	0 15	19 51	1 30	21 13	15 31	7 17	7 57	28 25	17 50	4 47
S 22	13 39	2s30	1 48	10 44	0 53	4 37	1 5	23 57	1 7	16 0	0 49	7 55	2 24	23 46	0 15	19 52	1 30	21 13	15 31	7 18	7 58	28 25	17 51	4 47
M23	13 59	8 28	2 49	11 24	0 47	4 14	1 9	24 2	1 7	16 4	0 48	7 56	2 24	23 46	0 15	19 52	1 30	21 13	15 31	7 20	7 59	28 24	17 51	4 47
T 24	14 19	14 1	3 40	12 4	0 40	3 51	1 13	24 6	1 7	16 8	0 48	7 57	2 24	23 46	0 15	19 52	1 30	21 13	15 30	7 22	8 0	28 24	17 52	4 47
W25	14 38	18 56	4 20	12 43	0 33	3 28	1 16	24 10	1 8	16 11	0 48	7 57	2 23	23 46	0 15	19 53	1 30	21 13	15 30	7 26	8 1	28 24	17 53	4 46
T 26	14 57	22 59	4 47	13 22	0 27	3 4	1 20	24 14	1 8	16 15	0 48	7 58	2 23	23 46	0 15	19 53	1 30	21 13	15 30	7 30	8 3	28 24	17 54	4 46
F 27	15 16	26 0	5 1	14 0	0 20	2 41	1 23	24 18	1 8	16 19	0 48	7 58	2 23	23 46	0 15	19 54	1 30	21 13	15 29	7 35	8 4	28 24	17 54	4 46
S 28	15 35	27 49	5 1	14 37	0 13	2 17	1 27	24 22	1 8	16 23	0 48	7 59	2 23	23 46	0 15	19 54	1 30	21 13	15 29	7 39	8 5	28 24	17 55	4 46
S 29	15 53	28 20	4 49	15 13	0 7	1 53	1 30	24 25	1 9	16 27	0 48	7 59	2 23	23 46	0 15	19 54	1 30	21 12	15 29	7 43	8 6	28 24	17 56	4 46
M30	16 12	27 32	4 24	15 49	0s 0	1 28	1 33	24 28	1 9	16 31	0 48	7 59	2 22	23 46	0 15	19 55	1 30	21 12	15 29	7 46	8 7	28 24	17 57	4 46
T 31	16s29	25s30	3s47	16s24	0s 7	1n 4	1n36	24s30	1s 9	16s34	0n48	8s 0	2s22	23s46	0s15	19s55	1n30	21s12	15s28	7s48	8s 9	28s24	17s57	4n46

Julian Day Number = 2202730.5, Delta T = 09m55s
Ecliptic obliquity = 23°31'49, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°14'19, Lahiri = 14°21'20 Julian Calendar 1 Oct. 1318 == Greg. Calendar 9 Oct. 1318

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ASTRODIENST EPHEMERIS for the year 1318
geocentric

NOVEMBER 1318 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	3 10 44	16♏19'28	3♒41	16♏14	2♎ 9	24♐ 2	18♏31	15°R18	28♐27	6♐ 5	12°R16	10°R 4	9♓10	27♐36	15♐12	W 1
T 2	3 14 40	17°20'05	15°46	17°49	3°17	24°48	18°44	15♓17	28°30	6° 7	12♓16	10°D 3	9° 7	27°42	15°18	T 2
F 3	3 18 37	18°20'43	28° 5	19°24	4°26	25°34	18°57	15°16	28°32	6° 9	12°15	10♓ 3	9° 4	27°49	15°24	F 3
S 4	3 22 34	19°21'23	10♓44	20°59	5°35	26°20	19°11	15°15	28°35	6°11	12°15	10°R 3	9° 0	27°56	15°30	S 4
S 5	3 26 30	20°22'03	23°48	22°33	6°44	27° 6	19°24	15°15	28°38	6°13	12°15	10° 3	8°57	28° 2	15°36	S 5
M 6	3 30 27	21°22'45	7♈21	24° 8	7°54	27°51	19°38	15°14	28°41	6°16	12°14	10° 0	8°54	28° 9	15°43	M 6
T 7	3 34 23	22°23'27	21°22	25°42	9° 3	28°37	19°51	15°14	28°44	6°18	12°14	9°54	8°51	28°16	15°49	T 7
W 8	3 38 20	23°24'11	5♉52	27°16	10°13	29°23	20° 4	15°13	28°48	6°20	12°14	9°46	8°48	28°23	15°55	W 8
T 9	3 42 16	24°24'57	20°44	28°50	11°22	0♊ 9	20°18	15°13	28°51	6°22	12°14	9°36	8°44	28°29	16° 2	T 9
F 10	3 46 13	25°25'43	5♊50	0♐23	12°32	0°55	20°31	15°13	28°54	6°25	12°13	9°25	8°41	28°36	16° 8	F 10
S 11	3 50 9	26°26'31	21° 0	1°57	13°43	1°42	20°44	15°D13	28°57	6°27	12°13	9°13	8°38	28°43	16°14	S 11
S 12	3 54 6	27°27'21	6♋ 3	3°31	14°53	2°28	20°58	15°13	29° 0	6°29	12°13	9° 4	8°35	28°49	16°21	S 12
M13	3 58 3	28°28'12	20°50	5° 4	16° 3	3°14	21°11	15°13	29° 3	6°31	12°13	8°57	8°32	28°56	16°27	M13
T 14	4 1 59	29°29'04	5♌16	6°37	17°14	4° 0	21°24	15°13	29° 7	6°33	12°13	8°53	8°29	29° 3	16°34	T 14
W15	4 5 56	0♐29'57	19°18	8°11	18°24	4°47	21°38	15°14	29°10	6°36	12°13	8°51	8°25	29°10	16°40	W15
T 16	4 9 52	1°30'52	2♍56	9°44	19°35	5°33	21°51	15°14	29°13	6°38	12°13	8°51	8°22	29°16	16°47	T 16
F 17	4 13 49	2°31'49	16°13	11°17	20°46	6°19	22° 4	15°15	29°16	6°40	12°12	8°51	8°19	29°23	16°53	F 17
S 18	4 17 45	3°32'46	29°10	12°51	21°57	7° 6	22°18	15°16	29°20	6°43	12°12	8°50	8°16	29°30	17° 0	S 18
S 19	4 21 42	4°33'45	11♎51	14°24	23° 8	7°52	22°31	15°16	29°23	6°45	12°D12	8°46	8°13	29°36	17° 6	S 19
M20	4 25 38	5°34'45	24°21	15°57	24°20	8°39	22°44	15°17	29°26	6°47	12°12	8°40	8° 9	29°43	17°13	M20
T 21	4 29 35	6°35'46	6♏40	17°30	25°31	9°25	22°57	15°18	29°30	6°49	12°13	8°30	8° 6	29°50	17°20	T 21
W22	4 33 32	7°36'49	18°51	19° 3	26°43	10°12	23°11	15°20	29°33	6°52	12°13	8°18	8° 3	29°57	17°26	W22
T 23	4 37 28	8°37'52	0♐56	20°36	27°54	10°59	23°24	15°21	29°36	6°54	12°13	8° 3	8° 0	0♑ 3	17°33	T 23
F 24	4 41 25	9°38'56	12°55	22° 9	29° 6	11°45	23°37	15°22	29°40	6°56	12°13	7°48	7°57	0°10	17°39	F 24
S 25	4 45 21	10°40'01	24°49	23°41	0♏18	12°32	23°50	15°24	29°43	6°58	12°13	7°33	7°54	0°17	17°46	S 25
S 26	4 49 18	11°41'07	6♑40	25°14	1°30	13°19	24° 3	15°25	29°47	7° 1	12°13	7°20	7°50	0°23	17°53	S 26
M27	4 53 14	12°42'13	18°30	26°46	2°42	14° 6	24°16	15°27	29°50	7° 3	12°13	7° 9	7°47	0°30	17°59	M27
T 28	4 57 11	13°43'20	0♒21	28°18	3°54	14°52	24°29	15°29	29°54	7° 5	12°14	7° 1	7°44	0°37	18° 6	T 28
W29	5 1 8	14°44'27	12°15	29°49	5° 6	15°39	24°42	15°31	29°57	7° 7	12°14	6°56	7°41	0°44	18°12	W29
T 30	5 5 4	15♐45'35	24♒18	1♑20	6♏18	16♑26	24♏55	15♓33	0♑ 1	7♐10	12♓14	6♓54	7♓38	0♑50	18♐19	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	16s47	22s20	3s 1	16s58	0s14	0n39	1n39	24s33	1s 9	16s38	0n48	8s 0	2s22	23s46	0s15	19s56	1n30	21s12	15s28	7s49	8s10	28s23	17s58	4n46
T 2	17 4	18 10	2 5	17 32	0 20	0 14	1 41	24 35	1 9	16 42	0 48	8 0	2 22	23 46	0 15	19 56	1 30	21 12	15 28	7 50	8 11	28 23	17 59	4 46
F 3	17 21	13 10	1 3	18 4	0 27	0s11	1 44	24 37	1 10	16 46	0 48	8 0	2 22	23 46	0 15	19 56	1 30	21 12	15 27	7 50	8 12	28 23	18 0	4 46
S 4	17 38	7 31	0n 4	18 36	0 33	0 36	1 47	24 39	1 10	16 49	0 48	8 0	2 21	23 46	0 15	19 57	1 30	21 12	15 27	7 50	8 13	28 23	18 0	4 46
S 5	17 54	1 22	1 12	19 7	0 39	1 1	1 49	24 40	1 10	16 53	0 48	8 0	2 21	23 46	0 15	19 57	1 30	21 12	15 27	7 50	8 15	28 23	18 1	4 46
M 6	18 10	5n 3	2 19	19 37	0 46	1 26	1 51	24 41	1 10	16 57	0 47	8 0	2 21	23 46	0 15	19 57	1 30	21 11	15 26	7 51	8 16	28 23	18 2	4 46
T 7	18 26	11 27	3 20	20 6	0 52	1 52	1 53	24 42	1 10	17 0	0 47	8 0	2 21	23 47	0 15	19 58	1 30	21 11	15 26	7 53	8 17	28 22	18 2	4 45
W 8	18 42	17 27	4 10	20 34	0 58	2 18	1 55	24 42	1 10	17 4	0 47	8 0	2 21	23 47	0 15	19 58	1 30	21 11	15 26	7 56	8 18	28 22	18 3	4 45
T 9	18 57	22 34	4 45	21 1	1 4	2 43	1 57	24 42	1 11	17 8	0 47	8 0	2 20	23 47	0 15	19 59	1 30	21 11	15 25	8 0	8 19	28 22	18 4	4 45
F 10	19 12	26 17	5 0	21 27	1 10	3 9	1 59	24 42	1 11	17 11	0 47	8 0	2 20	23 47	0 15	19 59	1 30	21 11	15 25	8 4	8 21	28 22	18 4	4 45
S 11	19 26	28 7	4 54	21 51	1 15	3 35	2 1	24 42	1 11	17 15	0 47	8 0	2 20	23 47	0 15	19 59	1 30	21 11	15 25	8 8	8 22	28 21	18 5	4 45
S 12	19 40	27 52	4 28	22 15	1 21	4 0	2 2	24 41	1 11	17 18	0 47	8 0	2 20	23 47	0 15	20 0	1 30	21 10	15 25	8 12	8 23	28 21	18 6	4 45
M13	19 54	25 36	3 45	22 38	1 26	4 26	2 4	24 40	1 11	17 22	0 47	7 59	2 20	23 47	0 15	20 0	1 30	21 10	15 24	8 15	8 24	28 21	18 6	4 45
T 14	20 7	21 44	2 47	23 0	1 31	4 52	2 5	24 39	1 11	17 26	0 47	7 59	2 19	23 47	0 15	20 1	1 30	21 10	15 24	8 16	8 25	28 21	18 7	4 45
W15	20 20	16 41	1 41	23 20	1 36	5 18	2 6	24 38	1 11	17 29	0 47	7 59	2 19	23 47	0 15	20 1	1 30	21 10	15 24	8 17	8 27	28 20	18 8	4 45
T 16	20 33	10 57	0 31	23 39	1 41	5 44	2 7	24 36	1 11	17 33	0 47	7 58	2 19	23 47	0 15	20 1	1 30	21 9	15 23	8 17	8 28	28 20	18 8	4 45
F 17	20 45	4 52	0s39	23 57	1 45	6 10	2 8	24 34	1 11	17 36	0 47	7 58	2 19	23 47	0 15	20 2	1 30	21 9	15 23	8 17	8 29	28 20	18 9	4 45
S 18	20 57	1s16	1 45	24 14	1 49	6 35	2 9	24 32	1 11	17 39	0 47	7 57	2 19	23 47	0 15	20 2	1 30	21 9	15 23	8 17	8 30	28 20	18 9	4 45
S 19	21 8	7 14	2 45	24 29	1 53	7 1	2 10	24 29	1 12	17 43	0 47	7 57	2 18	23 47	0 15	20 3	1 30	21 8	15 22	8 19	8 31	28 19	18 10	4 45
M20	21 19	12 48	3 35	24 44	1 57	7 27	2 10	24 26	1 12	17 46	0 47	7 56	2 18	23 47	0 15	20 3	1 30	21 8	15 22	8 21	8 33	28 19	18 11	4 45
T 21	21 30	17 48	4 15	24 56	2 0	7 52	2 11	24 23	1 12	17 50	0 47	7 56	2 18	23 47	0 15	20 3	1 30	21 8	15 22	8 25	8 34	28 19	18 11	4 46
W22	21 40	22 1	4 42	25 8	2 4	8 18	2 11	24 20	1 12	17 53	0 47	7 55	2 18	23 47	0 15	20 4	1 30	21 7	15 21	8 29	8 35	28 18	18 12	4 46
T 23	21 50	25 15	4 57	25 18	2 6	8 43	2 11	24 16	1 12	17 56	0 47	7 54	2 18	23 47	0 15	20 4	1 30	21 7	15 21	8 35	8 36	28 18	18 12	4 46
F 24	21 59	27 21	4 58	25 26	2 9	9 9	2 12	24 12	1 12	18 0	0 47	7 54	2 17	23 47	0 15	20 5	1 30	21 7	15 21	8 41	8 37	28 18	18 13	4 46
S 25	22 8	28 11	4 46	25 34	2 11	9 34	2 12	24 8	1 12	18 3	0 47	7 53	2 17	23 47	0 15	20 5	1 30	21 6	15 20	8 46	8 38	28 17	18 13	4 46
S 26	22 16	27 43	4 21	25 39	2 13	9 59	2 12	24 3	1 12	18 6	0 47	7 52	2 17	23 47	0 15	20 5	1 30	21 6	15 20	8 51	8 40	28 17	18 14	4 46
M27	22 24	25 58	3 46	25 44	2 14	10 24	2 12	23 58	1 12	18 10	0 46	7 51	2 17	23 47	0 15	20 6	1 30	21 6	15 20	8 55	8 41	28 17	18 14	4 46
T 28	22 32	23 5	3 0	25 46	2 15	10 48	2 11	23 53	1 12	18 13	0 46	7 50	2 17	23 47	0 15	20 6	1 30	21 5	15 19	8 58	8 42	28 16	18 15	4 46
W29	22 39	19 12	2 6	25 47	2 15	11 13	2 11	23 48	1 12	18 16	0 46	7 49	2 16	23 47	0 15	20 6	1 30	21 5	15 19	9 0	8 43	28 16	18 15	4 46
T 30	22s46	14s31	1s 6	25s47	2s15	11s37	2n11	23s42	1s12	18s19	0n46	7s48	2s16	23s47	0s15	20s 7	1n30	21s 4	15s19	9s 1	8s44	28s15	18s16	4n46

Julian Day Number = 2202761.5, Delta T = 09m55s
Ecliptic obliquity = 23°31'48, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°14'24, Lahiri = 14°21'24 Julian Calendar 1 Nov. 1318 == Greg. Calendar 9 Nov. 1318

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ASTRODIENST EPHEMERIS for the year 1318
geocentric

DECEMBER 1318 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	5 9 1	16♐46'43	6♓34	2♑50	7♏31	17♑13	25♏ 8	15♓35	0♑ 4	7♐12	12♓14	6°D53	7♓35	0♑57	18♐26	F 1
S 2	5 12 57	17°47'51	19° 7	4°19	8°43	18° 0	25°21	15°37	0° 8	7°14	12°15	6°R54	7°31	1° 4	18°32	S 2
S 3	5 16 54	18°48'59	2♈ 4	5°48	9°55	18°47	25°34	15°40	0°11	7°16	12°15	6♓53	7°28	1°10	18°39	S 3
M 4	5 20 50	19°50'08	15°28	7°15	11° 8	19°34	25°47	15°42	0°15	7°19	12°15	6°51	7°25	1°17	18°46	M 4
T 5	5 24 47	20°51'16	29°22	8°41	12°21	20°21	26° 0	15°45	0°18	7°21	12°16	6°46	7°22	1°24	18°52	T 5
W 6	5 28 43	21°52'25	13♉47	10° 5	13°33	21° 8	26°12	15°47	0°22	7°23	12°16	6°38	7°19	1°31	18°59	W 6
T 7	5 32 40	22°53'34	28°38	11°27	14°46	21°55	26°25	15°50	0°26	7°25	12°17	6°28	7°15	1°37	19° 6	T 7
F 8	5 36 37	23°54'44	13♊50	12°47	15°59	22°42	26°38	15°53	0°29	7°27	12°17	6°17	7°12	1°44	19°12	F 8
S 9	5 40 33	24°55'53	29°12	14° 4	17°12	23°29	26°50	15°56	0°33	7°30	12°18	6° 7	7° 9	1°51	19°19	S 9
S 10	5 44 30	25°57'03	14♋31	15°18	18°25	24°16	27° 3	15°59	0°36	7°32	12°18	5°57	7° 6	1°57	19°25	S 10
M11	5 48 26	26°58'13	29°37	16°28	19°38	25° 3	27°16	16° 2	0°40	7°34	12°19	5°50	7° 3	2° 4	19°32	M11
T 12	5 52 23	27°59'24	14♌21	17°34	20°51	25°51	27°28	16° 5	0°44	7°36	12°19	5°46	7° 0	2°11	19°39	T 12
W13	5 56 19	29° 0'34	28°38	18°34	22° 4	26°38	27°40	16° 8	0°47	7°38	12°20	5°44	6°56	2°18	19°45	W13
T 14	6 0 16	0♍ 1'45	12♍26	19°29	23°17	27°25	27°53	16°12	0°51	7°40	12°20	5°D44	6°53	2°24	19°52	T 14
F 15	6 4 12	1° 2'56	25°48	20°17	24°30	28°12	28° 5	16°15	0°54	7°43	12°21	5°R44	6°50	2°31	19°58	F 15
S 16	6 8 9	2° 4'08	8♎46	20°57	25°44	28°59	28°17	16°19	0°58	7°45	12°22	5°44	6°47	2°38	20° 5	S 16
S 17	6 12 6	3° 5'20	21°24	21°29	26°57	29°47	28°30	16°23	1° 1	7°47	12°22	5°43	6°44	2°44	20°11	S 17
M18	6 16 2	4° 6'32	3♏46	21°51	28°10	0♒34	28°42	16°26	1° 5	7°49	12°23	5°38	6°41	2°51	20°18	M18
T 19	6 19 59	5° 7'44	15°56	22° 3	29°24	1°21	28°54	16°30	1° 9	7°51	12°24	5°31	6°37	2°58	20°24	T 19
W20	6 23 55	6° 8'56	27°58	22°R 4	0♐37	2° 8	29° 6	16°34	1°12	7°53	12°24	5°22	6°34	3° 4	20°31	W20
T 21	6 27 52	7°10'09	9♐55	21°54	1°51	2°56	29°18	16°38	1°16	7°55	12°25	5°11	6°31	3°11	20°37	T 21
F 22	6 31 48	8°11'21	21°48	21°31	3° 4	3°43	29°30	16°42	1°19	7°57	12°26	4°59	6°28	3°18	20°43	F 22
S 23	6 35 45	9°12'33	3♑39	20°57	4°18	4°30	29°42	16°47	1°23	7°59	12°27	4°47	6°25	3°25	20°50	S 23
S 24	6 39 41	10°13'45	15°30	20°12	5°32	5°18	29°53	16°51	1°27	8° 1	12°28	4°37	6°22	3°31	20°56	S 24
M25	6 43 38	11°14'56	27°23	19°16	6°45	6° 5	0♐ 5	16°55	1°30	8° 3	12°28	4°29	6°18	3°38	21° 3	M25
T 26	6 47 35	12°16'07	9♒18	18°12	7°59	6°53	0°17	17° 0	1°34	8° 5	12°29	4°23	6°15	3°45	21° 9	T 26
W27	6 51 31	13°17'17	21°18	17° 0	9°13	7°40	0°28	17° 4	1°37	8° 7	12°30	4°19	6°12	3°51	21°15	W27
T 28	6 55 28	14°18'27	3♓26	15°44	10°26	8°27	0°40	17° 9	1°41	8° 9	12°31	4°D18	6° 9	3°58	21°21	T 28
F 29	6 59 24	15°19'36	15°45	14°25	11°40	9°15	0°51	17°14	1°44	8°11	12°32	4°19	6° 6	4° 5	21°28	F 29
S 30	7 3 21	16°20'44	28°20	13° 7	12°54	10° 2	1° 2	17°19	1°48	8°13	12°33	4°20	6° 2	4°12	21°34	S 30
S 31	7 7 17	17♑21'51	11♈13	11♑51	14♐ 8	10♒49	1♐14	17♓24	1♑51	8♐15	12♓34	4°R21	5♓59	4♑18	21♐40	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22s52	9s10	0s 2	25s45	2s15	12s 1	2n10	23s36	1s12	18s22	0n46	7s47	2s16	23s47	0s15	20s 7	1n30	21s 4	15s18	9s 1	8s46	28s15	18s16	4n46
S 2	22 58	3 20	1n 4	25 41	2 14	12 25	2 10	23 30	1 12	18 25	0 46	7 46	2 16	23 47	0 15	20 8	1 30	21 4	15 18	9 1	8 47	28 15	18 17	4 46
S 3	23 3	2n48	2 9	25 36	2 12	12 48	2 9	23 23	1 12	18 29	0 46	7 45	2 16	23 47	0 15	20 8	1 30	21 3	15 18	9 1	8 48	28 14	18 17	4 47
M 4	23 8	9 1	3 9	25 29	2 10	13 12	2 8	23 17	1 11	18 32	0 46	7 44	2 15	23 47	0 15	20 8	1 30	21 3	15 17	9 2	8 49	28 14	18 18	4 47
T 5	23 13	15 2	4 0	25 21	2 7	13 35	2 7	23 10	1 11	18 35	0 46	7 43	2 15	23 47	0 15	20 9	1 30	21 2	15 17	9 4	8 50	28 13	18 18	4 47
W 6	23 17	20 27	4 38	25 11	2 3	13 57	2 6	23 2	1 11	18 38	0 46	7 42	2 15	23 47	0 15	20 9	1 30	21 2	15 17	9 7	8 52	28 13	18 18	4 47
T 7	23 20	24 47	4 59	25 0	1 58	14 20	2 5	22 55	1 11	18 41	0 46	7 41	2 15	23 47	0 15	20 9	1 30	21 1	15 16	9 10	8 53	28 13	18 19	4 47
F 8	23 23	27 29	4 59	24 47	1 53	14 42	2 4	22 47	1 11	18 44	0 46	7 39	2 15	23 47	0 15	20 10	1 30	21 1	15 16	9 14	8 54	28 12	18 19	4 47
S 9	23 26	28 9	4 38	24 33	1 47	15 4	2 3	22 39	1 11	18 47	0 46	7 38	2 14	23 47	0 15	20 10	1 30	21 0	15 16	9 18	8 55	28 12	18 19	4 47
S 10	23 28	26 39	3 56	24 18	1 39	15 25	2 2	22 30	1 11	18 49	0 46	7 37	2 14	23 47	0 15	20 10	1 30	21 0	15 15	9 22	8 56	28 11	18 20	4 47
M11	23 30	23 14	2 59	24 1	1 31	15 46	2 0	22 22	1 11	18 52	0 46	7 35	2 14	23 47	0 15	20 11	1 30	20 59	15 15	9 24	8 57	28 11	18 20	4 48
T 12	23 31	18 22	1 51	23 44	1 22	16 7	1 59	22 13	1 11	18 55	0 46	7 34	2 14	23 47	0 15	20 11	1 30	20 59	15 15	9 26	8 59	28 10	18 20	4 48
W13	23 32	12 35	0 38	23 25	1 12	16 28	1 57	22 4	1 11	18 58	0 46	7 32	2 14	23 47	0 15	20 11	1 30	20 58	15 14	9 27	9 0	28 10	18 21	4 48
T 14	23 32	6 22	0s36	23 6	1 0	16 48	1 56	21 55	1 11	19 1	0 46	7 31	2 13	23 47	0 15	20 12	1 30	20 58	15 14	9 27	9 1	28 9	18 21	4 48
F 15	23 32	0 4	1 45	22 47	0 48	17 7	1 54	21 45	1 10	19 4	0 46	7 29	2 13	23 47	0 15	20 12	1 30	20 57	15 14	9 26	9 2	28 9	18 21	4 48
S 16	23 31	6s 2	2 46	22 27	0 34	17 27	1 52	21 35	1 10	19 6	0 46	7 28	2 13	23 47	0 15	20 12	1 30	20 57	15 13	9 26	9 3	28 8	18 22	4 49
S 17	23 30	11 44	3 38	22 7	0 19	17 45	1 51	21 25	1 10	19 9	0 46	7 26	2 13	23 47	0 15	20 13	1 30	20 56	15 13	9 27	9 5	28 8	18 22	4 49
M18	23 28	16 52	4 18	21 48	0 3	18 4	1 49	21 15	1 10	19 12	0 46	7 24	2 13	23 47	0 15	20 13	1 30	20 56	15 13	9 29	9 6	28 7	18 22	4 49
T 19	23 26	21 14	4 46	21 29	0n14	18 22	1 47	21 4	1 10	19 14	0 46	7 23	2 12	23 47	0 15	20 13	1 30	20 55	15 12	9 31	9 7	28 7	18 22	4 49
W20	23 23	24 40	5 1	21 11	0 32	18 39	1 45	20 53	1 10	19 17	0 46	7 21	2 12	23 47	0 15	20 14	1 30	20 54	15 12	9 35	9 8	28 6	18 23	4 49
T 21	23 20	27 0	5 3	20 55	0 50	18 56	1 43	20 42	1 9	19 20	0 46	7 19	2 12	23 47	0 15	20 14	1 30	20 54	15 12	9 39	9 9	28 5	18 23	4 50
F 22	23 17	28 7	4 51	20 39	1 9	19 12	1 41	20 31	1 9	19 22	0 46	7 17	2 12	23 47	0 15	20 14	1 30	20 53	15 12	9 43	9 10	28 5	18 23	4 50
S 23	23 13	27 55	4 27	20 26	1 29	19 28	1 38	20 19	1 9	19 25	0 46	7 16	2 12	23 47	0 15	20 15	1 30	20 53	15 11	9 47	9 12	28 4	18 23	4 50
S 24	23 8	26 27	3 51	20 14	1 48	19 44	1 36	20 8	1 9	19 27	0 46	7 14	2 12	23 47	0 15	20 15	1 30	20 52	15 11	9 51	9 13	28 4	18 23	4 50
M25	23 3	23 47	3 5	20 3	2 6	19 59	1 34	19 56	1 9	19 30	0 46	7 12	2 11	23 47	0 15	20 15	1 30	20 52	15 11	9 54	9 14	28 3	18 24	4 51
T 26	22 58	20 5	2 10	19 55	2 24	20 13	1 32	19 44	1 8	19 32	0 46	7 10	2 11	23 47	0 15	20 15	1 30	20 51	15 10	9 56	9 15	28 2	18 24	4 51
W27	22 52	15 33	1 9	19 48	2 40	20 27	1 29	19 31	1 8	19 34	0 46	7 8	2 11	23 47	0 15	20 16	1 30	20 50	15 10	9 58	9 16	28 2	18 24	4 51
T 28	22 45	10 21	0 5	19 43	2 54	20 40	1 27	19 19	1 8	19 37	0 46	7 6	2 11	23 47	0 15	20 16	1 30	20 50	15 10	9 58	9 17	28 1	18 24	4 51
F 29	22 39	4 42	1n 1	19 40	3 6	20 53	1 24	19 6	1 8	19 39	0 46	7 4	2 11	23 46	0 15	20 16	1 30	20 49	15 10	9 58	9 19	28 1	18 24	4 52
S 30	22 32	1n15	2 6	19 39	3 15	21 5	1 22	18 53	1 8	19 41	0 46	7 2	2 11	23 46	0 15	20 17	1 30	20 48	15 9	9 57	9 20	28 0	18 24	4 52
S 31	22s24	7n18	3n 6	19s39	3n22	21s16	1n19	18s40	1s 7	19s44	0n46	7s 0	2s10	23s46	0s15	20s17	1n30	20s48	15s 9	9s57	9s21	27s59	18s24	4n52

Julian Day Number = 2202791.5, Delta T = 09m55s
Ecliptic obliquity = 23°31'48, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°14'28, Lahiri = 14°21'28 Julian Calendar 1 Dec. 1318 == Greg. Calendar 9 Dec. 1318

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ASTRODIENST EPHEMERIS for the year 1319
geocentric

JANUARY 1319 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	7 11 14	18♉22'58	24♈30	10°R39	15♐22	11♒37	1♐25	17♓29	1♉55	8♐16	12♓35	4°R21	5♓56	4♉25	21♐46	M 1
T 2	7 15 10	19°24'03	8♉12	9♉34	16°36	12°24	1°36	17°34	1°58	8°18	12°36	4♓19	5°53	4°32	21°52	T 2
W 3	7 19 7	20°25'08	22°22	8°37	17°49	13°11	1°47	17°39	2° 2	8°20	12°37	4°16	5°50	4°38	21°58	W 3
T 4	7 23 4	21°26'11	6♊59	7°48	19° 3	13°59	1°58	17°44	2° 5	8°22	12°38	4°11	5°47	4°45	22° 4	T 4
F 5	7 27 0	22°27'14	21°57	7° 8	20°17	14°46	2° 8	17°49	2° 9	8°24	12°39	4° 4	5°43	4°52	22°10	F 5
S 6	7 30 57	23°28'16	7♋ 8	6°38	21°31	15°34	2°19	17°55	2°12	8°25	12°40	3°58	5°40	4°59	22°16	S 6
S 7	7 34 53	24°29'17	22°24	6°16	22°45	16°21	2°30	18° 0	2°15	8°27	12°41	3°52	5°37	5° 5	22°22	S 7
M 8	7 38 50	25°30'16	7♌33	6° 4	23°59	17° 8	2°40	18° 5	2°19	8°29	12°42	3°48	5°34	5°12	22°28	M 8
T 9	7 42 46	26°31'15	22°25	6°D 0	25°13	17°56	2°51	18°11	2°22	8°30	12°44	3°46	5°31	5°19	22°34	T 9
W10	7 46 43	27°32'13	6♍53	6° 3	26°27	18°43	3° 1	18°17	2°26	8°32	12°45	3°D45	5°28	5°25	22°40	W10
T 11	7 50 40	28°33'11	20°54	6°15	27°41	19°30	3°11	18°22	2°29	8°34	12°46	3°46	5°24	5°32	22°45	T 11
F 12	7 54 36	29°34'07	4♎27	6°33	28°55	20°18	3°21	18°28	2°32	8°35	12°47	3°48	5°21	5°39	22°51	F 12
S 13	7 58 33	0♒35'03	17°34	6°57	0♉10	21° 5	3°31	18°34	2°36	8°37	12°48	3°49	5°18	5°45	22°57	S 13
S 14	8 2 29	1°35'58	0♏17	7°27	1°24	21°52	3°41	18°40	2°39	8°38	12°49	3°R50	5°15	5°52	23° 2	S 14
M15	8 6 26	2°36'52	12°41	8° 2	2°38	22°40	3°51	18°46	2°42	8°40	12°51	3°49	5°12	5°59	23° 8	M15
T 16	8 10 22	3°37'46	24°50	8°42	3°52	23°27	4° 1	18°52	2°45	8°42	12°52	3°47	5° 8	6° 6	23°13	T 16
W17	8 14 19	4°38'38	6♐49	9°27	5° 6	24°14	4°11	18°58	2°48	8°43	12°53	3°44	5° 5	6°12	23°19	W17
T 18	8 18 15	5°39'30	18°42	10°15	6°20	25° 1	4°20	19° 4	2°52	8°44	12°54	3°39	5° 2	6°19	23°24	T 18
F 19	8 22 12	6°40'20	0♉32	11° 7	7°34	25°49	4°30	19°10	2°55	8°46	12°56	3°35	4°59	6°26	23°30	F 19
S 20	8 26 9	7°41'10	12°23	12° 2	8°49	26°36	4°39	19°16	2°58	8°47	12°57	3°30	4°56	6°32	23°35	S 20
S 21	8 30 5	8°41'58	24°16	13° 1	10° 3	27°23	4°48	19°23	3° 1	8°49	12°58	3°25	4°53	6°39	23°40	S 21
M22	8 34 2	9°42'45	6♒14	14° 2	11°17	28°10	4°57	19°29	3° 4	8°50	13° 0	3°22	4°49	6°46	23°45	M22
T 23	8 37 58	10°43'30	18°18	15° 5	12°31	28°58	5° 6	19°35	3° 7	8°51	13° 1	3°20	4°46	6°52	23°51	T 23
W24	8 41 55	11°44'15	0♓30	16°11	13°46	29°45	5°15	19°42	3°10	8°53	13° 2	3°D19	4°43	6°59	23°56	W24
T 25	8 45 51	12°44'57	12°51	17°19	15° 0	0♓32	5°23	19°48	3°13	8°54	13° 4	3°19	4°40	7° 6	24° 1	T 25
F 26	8 49 48	13°45'38	25°24	18°30	16°14	1°19	5°32	19°55	3°16	8°55	13° 5	3°20	4°37	7°13	24° 6	F 26
S 27	8 53 44	14°46'17	8♈ 9	19°42	17°28	2° 6	5°40	20° 1	3°19	8°56	13° 7	3°22	4°33	7°19	24°11	S 27
S 28	8 57 41	15°46'55	21°11	20°56	18°42	2°53	5°49	20° 8	3°22	8°57	13° 8	3°23	4°30	7°26	24°15	S 28
M29	9 1 38	16°47'31	4♉30	22°11	19°57	3°40	5°57	20°15	3°25	8°59	13° 9	3°24	4°27	7°33	24°20	M29
T 30	9 5 34	17°48'05	18° 8	23°28	21°11	4°27	6° 5	20°21	3°28	9° 0	13°11	3°R25	4°24	7°39	24°25	T 30
W31	9 9 31	18♒48'37	2♊ 6	24♉47	22♉25	5♓14	6♐13	20♓28	3♉30	9♐ 1	13♓12	3♓24	4♓21	7♉46	24♐30	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊		☊		⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl		decl		decl		decl	lat
M 1	22s16	13n12	3n58	19s40	3n27	21s27	1n17	18s26	1s 7	19s46	0n46	6s58	2s10	23s46	0s15	20s17	1n30	20s47	15s 9	9s57		9s22		27s59		18s24	4n53
T 2	22 7	18 40	4 38	19 43	3 29	21 37	1 14	18 13	1 7	19 48	0 46	6 56	2 10	23 46	0 15	20 17	1 30	20 47	15 8	9 58		9 23		27 58		18 24	4 53
W 3	21 58	23 18	5 3	19 47	3 29	21 47	1 11	17 59	1 6	19 50	0 46	6 54	2 10	23 46	0 15	20 18	1 30	20 46	15 8	9 59		9 24		27 57		18 24	4 53
T 4	21 49	26 38	5 9	19 52	3 26	21 56	1 9	17 45	1 6	19 53	0 46	6 51	2 10	23 46	0 15	20 18	1 30	20 45	15 8	10 1		9 26		27 57		18 24	4 54
F 5	21 39	28 11	4 54	19 58	3 22	22 4	1 6	17 31	1 6	19 55	0 46	6 49	2 10	23 46	0 15	20 18	1 30	20 45	15 8	10 3		9 27		27 56		18 25	4 54
S 6	21 29	27 39	4 19	20 5	3 17	22 12	1 3	17 17	1 6	19 57	0 46	6 47	2 9	23 46	0 15	20 18	1 30	20 44	15 7	10 6		9 28		27 55		18 25	4 54
S 7	21 18	25 2	3 26	20 13	3 10	22 19	1 1	17 2	1 5	19 59	0 46	6 45	2 9	23 46	0 15	20 19	1 30	20 43	15 7	10 8		9 29		27 55		18 25	4 55
M 8	21 7	20 40	2 18	20 21	3 2	22 26	0 58	16 47	1 5	20 1	0 46	6 42	2 9	23 46	0 16	20 19	1 30	20 43	15 7	10 9		9 30		27 54		18 25	4 55
T 9	20 56	15 4	1 1	20 30	2 53	22 32	0 55	16 33	1 5	20 3	0 46	6 40	2 9	23 46	0 16	20 19	1 30	20 42	15 7	10 10		9 32		27 53		18 24	4 55
W10	20 44	8 45	0s17	20 40	2 44	22 37	0 52	16 18	1 4	20 5	0 46	6 38	2 9	23 46	0 16	20 19	1 30	20 41	15 7	10 10		9 33		27 53		18 24	4 56
T 11	20 32	2 12	1 32	20 49	2 34	22 41	0 49	16 2	1 4	20 7	0 46	6 35	2 9	23 46	0 16	20 20	1 31	20 41	15 6	10 10		9 34		27 52		18 24	4 56
F 12	20 19	4s13	2 40	20 59	2 24	22 45	0 46	15 47	1 4	20 9	0 46	6 33	2 9	23 46	0 16	20 20	1 31	20 40	15 6	10 9		9 35		27 51		18 24	4 56
S 13	20 6	10 15	3 36	21 8	2 13	22 48	0 43	15 32	1 3	20 11	0 46	6 31	2 9	23 46	0 16	20 20	1 31	20 39	15 6	10 9		9 36		27 50		18 24	4 57
S 14	19 53	15 41	4 21	21 17	2 2	22 51	0 41	15 16	1 3	20 13	0 47	6 28	2 8	23 46	0 16	20 20	1 31	20 39	15 6	10 8		9 37		27 50		18 24	4 57
M15	19 39	20 20	4 52	21 26	1 52	22 53	0 38	15 0	1 3	20 14	0 47	6 26	2 8	23 46	0 16	20 20	1 31	20 38	15 5	10 9		9 39		27 49		18 24	4 57
T 16	19 25	24 2	5 9	21 34	1 41	22 54	0 35	14 44	1 2	20 16	0 47	6 23	2 8	23 46	0 16	20 21	1 31	20 37	15 5	10 9		9 40		27 48		18 24	4 58
W17	19 10	26 39	5 12	21 42	1 30	22 54	0 32	14 28	1 2	20 18	0 47	6 21	2 8	23 46	0 16	20 21	1 31	20 37	15 5	10 11		9 41		27 47		18 24	4 58
T 18	18 56	28 4	5 2	21 49	1 19	22 54	0 29	14 12	1 2	20 20	0 47	6 18	2 8	23 46	0 16	20 21	1 31	20 36	15 5	10 12		9 42		27 46		18 24	4 59
F 19	18 41	28 11	4 39	21 55	1 9	22 53	0 26	13 56	1 1	20 21	0 47	6 16	2 8	23 46	0 16	20 21	1 31	20 35	15 5	10 14		9 43		27 46		18 24	4 59
S 20	18 25	27 0	4 4	22 1	0 58	22 51	0 23	13 39	1 1	20 23	0 47	6 13	2 8	23 45	0 16	20 21	1 31	20 35	15 5	10 16		9 44		27 45		18 23	4 59
S 21	18 9	24 36	3 18	22 6	0 48	22 49	0 20	13 22	1 1	20 25	0 47	6 11	2 8	23 45	0 16	20 21	1 31	20 34	15 4	10 17		9 46		27 44		18 23	5 0
M22	17 53	21 6	2 24	22 10	0 38	22 46	0 17	13 6	1 0	20 26	0 47	6 8	2 8	23 45	0 16	20 22	1 31	20 33	15 4	10 19		9 47		27 43		18 23	5 0
T 23	17 37	16 42	1 22	22 13	0 28	22 42	0 14	12 49	1 0	20 28	0 47	6 5	2 7	23 45	0 16	20 22	1 31	20 33	15 4	10 19		9 48		27 42		18 23	5 1
W24	17 20	11 35	0 16	22 15	0 18	22 37	0 12	12 32	0 59	20 29	0 47	6 3	2 7	23 45	0 16	20 22	1 31	20 32	15 4	10 20		9 49		27 42		18 23	5 1
T 25	17 3	5 57	0n52	22 16	0 9	22 32	0 9	12 15	0 59	20 31	0 47	6 0	2 7	23 45	0 16	20 22	1 31	20 31	15 4	10 20		9 50		27 41		18 22	5 2
F 26	16 46	0 1	1 59	22 15	0s 1	22 27	0 6	11 58	0 59	20 32	0 47	5 57	2 7	23 45	0 16	20 22	1 31	20 31	15 4	10 19		9 51		27 40		18 22	5 2
S 27	16 28	6n 1	3 1	22 14	0 10	22 20	0 3	11 40	0 58	20 34	0 47	5 55	2 7	23 45	0 16	20 22	1 31	20 30	15 3	10 19		9 53		27 39		18 22	5 2
S 28	16 10	11 55	3 54	22 12	0 18	22 13	0 0	11 23	0 58	20 35	0 47	5 52	2 7	23 45	0 16	20 23	1 31	20 29	15 3	10 18		9 54		27 38		18 22	5 3
M29	15 52	17 24	4 37	22 8	0 27	22 5	0s 3	11 5	0 57	20 37	0 47	5 49	2 7	23 45	0 16	20 23	1 31	20 29	15 3	10 18		9 55		27 37		18 21	5 3
T 30	15 33	22 10	5 5	22 3	0 35	21 57	0 5	10 48	0 57	20 38	0 47	5 47	2 7	23 45	0 16	20 23	1 31	20 28	15 3	10 18		9 56		27 36		18 21	5 4
W31	15s15	25n49	5n16	21s57	0s43	21s48	0s 8	10s30	0s56	20s39	0n47	5s44	2s 7	23s45	0s16	20s23	1n31	20s27	15s 3	10s18		9s57		27s35		18s21	5n 4

Julian Day Number = 2202822.5, Delta T = 09m55s
Ecliptic obliquity = 23°31'48, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°14'32, Lahiri = 14°21'32 Julian Calendar 1 Jan. 1319 == Greg. Calendar 9 Jan. 1319

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ASTRODIENST EPHEMERIS for the year 1319
geocentric

FEBRUARY 1319 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 13 27	19♒49'08	16♊24	26♉ 7	23♉39	6♓ 1	6♐21	20♓35	3♉33	9♐ 2	13♓14	3°R23	4♓18	7♉53	24♐34	T 1
F 2	9 17 24	20°49'36	0♋59	27°28	24°54	6°48	6°28	20°42	3°36	9° 3	13°15	3♓22	4°14	8° 0	24°39	F 2
S 3	9 21 20	21°50'03	15°47	28°50	26° 8	7°35	6°36	20°49	3°39	9° 4	13°17	3°20	4°11	8° 6	24°43	S 3
S 4	9 25 17	22°50'28	0♌40	0♒14	27°22	8°22	6°43	20°56	3°41	9° 5	13°18	3°19	4° 8	8°13	24°48	S 4
M 5	9 29 13	23°50'51	15°32	1°39	28°36	9° 9	6°51	21° 3	3°44	9° 6	13°19	3°18	4° 5	8°20	24°52	M 5
T 6	9 33 10	24°51'12	0♍14	3° 5	29°51	9°56	6°58	21°10	3°46	9° 6	13°21	3°D18	4° 2	8°26	24°56	T 6
W 7	9 37 7	25°51'31	14°40	4°33	1♒ 5	10°43	7° 5	21°17	3°49	9° 7	13°22	3°18	3°59	8°33	25° 0	W 7
T 8	9 41 3	26°51'49	28°44	6° 1	2°19	11°30	7°11	21°24	3°51	9° 8	13°24	3°18	3°55	8°40	25° 5	T 8
F 9	9 45 0	27°52'05	12♎23	7°31	3°34	12°17	7°18	21°31	3°54	9° 9	13°25	3°19	3°52	8°46	25° 9	F 9
S 10	9 48 56	28°52'19	25°37	9° 1	4°48	13° 3	7°25	21°38	3°56	9°10	13°27	3°19	3°49	8°53	25°13	S 10
S 11	9 52 53	29°52'32	8♏27	10°33	6° 2	13°50	7°31	21°45	3°59	9°10	13°28	3°20	3°46	9° 0	25°17	S 11
M12	9 56 49	0♓52'44	20°56	12° 6	7°16	14°37	7°37	21°52	4° 1	9°11	13°30	3°20	3°43	9° 6	25°20	M12
T 13	10 0 46	1°52'54	3♐ 9	13°40	8°31	15°23	7°43	22° 0	4° 3	9°12	13°32	3°R20	3°39	9°13	25°24	T 13
W14	10 4 42	2°53'02	15°10	15°15	9°45	16°10	7°49	22° 7	4° 6	9°12	13°33	3°D20	3°36	9°20	25°28	W14
T 15	10 8 39	3°53'09	27° 3	16°51	10°59	16°57	7°55	22°14	4° 8	9°13	13°35	3°20	3°33	9°27	25°31	T 15
F 16	10 12 36	4°53'14	8♑53	18°28	12°13	17°43	8° 0	22°21	4°10	9°14	13°36	3°20	3°30	9°33	25°35	F 16
S 17	10 16 32	5°53'17	20°45	20° 6	13°28	18°30	8° 6	22°29	4°12	9°14	13°38	3°20	3°27	9°40	25°38	S 17
S 18	10 20 29	6°53'19	2♒41	21°46	14°42	19°16	8°11	22°36	4°14	9°15	13°39	3°21	3°24	9°47	25°42	S 18
M19	10 24 25	7°53'19	14°45	23°26	15°56	20° 3	8°16	22°43	4°17	9°15	13°41	3°21	3°20	9°53	25°45	M19
T 20	10 28 22	8°53'17	26°59	25° 8	17°11	20°49	8°21	22°51	4°19	9°15	13°42	3°21	3°17	10° 0	25°48	T 20
W21	10 32 18	9°53'13	9♓26	26°51	18°25	21°36	8°26	22°58	4°21	9°16	13°44	3°R21	3°14	10° 7	25°52	W21
T 22	10 36 15	10°53'07	22° 5	28°34	19°39	22°22	8°30	23° 6	4°22	9°16	13°45	3°21	3°11	10°13	25°55	T 22
F 23	10 40 11	11°52'59	4♈59	0♓19	20°53	23° 8	8°35	23°13	4°24	9°16	13°47	3°20	3° 8	10°20	25°58	F 23
S 24	10 44 8	12°52'49	18° 6	2° 6	22° 8	23°55	8°39	23°21	4°26	9°17	13°49	3°19	3° 5	10°27	26° 1	S 24
S 25	10 48 5	13°52'36	1♉27	3°53	23°22	24°41	8°43	23°28	4°28	9°17	13°50	3°18	3° 1	10°34	26° 3	S 25
M26	10 52 1	14°52'22	15° 1	5°42	24°36	25°27	8°47	23°35	4°30	9°17	13°52	3°16	2°58	10°40	26° 6	M26
T 27	10 55 58	15°52'05	28°47	7°31	25°50	26°13	8°51	23°43	4°31	9°17	13°53	3°15	2°55	10°47	26° 9	T 27
W28	10 59 54	16♓51'46	12♊45	9♓22	27♒ 5	26♓59	8♐54	23♓50	4♉33	9♐18	13♓55	3°D15	2♓52	10♉54	26♐11	W28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	14s56	27n56	5n 8	21s50	0s50	21s38	0s11	10s12	0s56	20s40	0n47	5s41	2s 7	23s45	0s16	20s23	1n31	20s27	15s 3	10s18	9s58	27s35	18s21	5n 5
F 2	14 36	28 12	4 40	21 41	0 57	21 27	0 14	9 54	0 56	20 42	0 47	5 38	2 7	23 45	0 16	20 23	1 31	20 26	15 3	10 19	9 59	27 34	18 20	5 5
S 3	14 17	26 28	3 54	21 31	1 4	21 16	0 16	9 36	0 55	20 43	0 47	5 35	2 6	23 45	0 16	20 23	1 31	20 25	15 3	10 19	10 1	27 33	18 20	5 6
S 4	13 57	22 52	2 51	21 20	1 11	21 5	0 19	9 18	0 55	20 44	0 47	5 33	2 6	23 45	0 16	20 23	1 31	20 25	15 2	10 20	10 2	27 32	18 20	5 6
M 5	13 37	17 47	1 37	21 7	1 17	20 52	0 22	9 0	0 54	20 45	0 47	5 30	2 6	23 45	0 16	20 23	1 31	20 24	15 2	10 20	10 3	27 31	18 19	5 7
T 6	13 17	11 42	0 17	20 53	1 23	20 39	0 24	8 42	0 54	20 46	0 47	5 27	2 6	23 45	0 16	20 24	1 32	20 23	15 2	10 20	10 4	27 30	18 19	5 7
W 7	12 57	5 6	1s 3	20 38	1 29	20 26	0 27	8 24	0 53	20 48	0 47	5 24	2 6	23 44	0 16	20 24	1 32	20 23	15 2	10 20	10 5	27 29	18 19	5 8
T 8	12 36	1s35	2 16	20 22	1 34	20 12	0 29	8 6	0 53	20 49	0 48	5 21	2 6	23 44	0 16	20 24	1 32	20 22	15 2	10 20	10 6	27 28	18 18	5 8
F 9	12 16	7 59	3 20	20 4	1 39	19 57	0 32	7 47	0 52	20 50	0 48	5 18	2 6	23 44	0 16	20 24	1 32	20 21	15 2	10 20	10 8	27 27	18 18	5 9
S 10	11 55	13 50	4 11	19 44	1 44	19 42	0 34	7 29	0 52	20 51	0 48	5 16	2 6	23 44	0 16	20 24	1 32	20 21	15 2	10 20	10 9	27 26	18 18	5 9
S 11	11 34	18 55	4 48	19 24	1 48	19 26	0 37	7 10	0 51	20 52	0 48	5 13	2 6	23 44	0 16	20 24	1 32	20 20	15 2	10 19	10 10	27 25	18 17	5 10
M12	11 12	23 2	5 10	19 2	1 52	19 9	0 39	6 52	0 51	20 53	0 48	5 10	2 6	23 44	0 16	20 24	1 32	20 19	15 2	10 19	10 11	27 24	18 17	5 10
T 13	10 51	26 3	5 17	18 38	1 56	18 52	0 41	6 33	0 50	20 54	0 48	5 7	2 6	23 44	0 16	20 24	1 32	20 19	15 2	10 19	10 12	27 23	18 16	5 11
W14	10 29	27 51	5 11	18 13	1 59	18 35	0 44	6 15	0 50	20 55	0 48	5 4	2 6	23 44	0 16	20 24	1 32	20 18	15 2	10 19	10 13	27 22	18 16	5 11
T 15	10 7	28 20	4 51	17 47	2 2	18 17	0 46	5 56	0 49	20 55	0 48	5 1	2 6	23 44	0 16	20 24	1 32	20 17	15 2	10 19	10 15	27 21	18 16	5 12
F 16	9 45	27 32	4 18	17 19	2 4	17 58	0 48	5 37	0 49	20 56	0 48	4 58	2 6	23 44	0 16	20 24	1 32	20 17	15 2	10 19	10 16	27 20	18 15	5 12
S 17	9 23	25 28	3 35	16 50	2 6	17 39	0 50	5 19	0 48	20 57	0 48	4 55	2 6	23 44	0 16	20 24	1 32	20 16	15 2	10 19	10 17	27 19	18 15	5 13
S 18	9 1	22 16	2 42	16 19	2 8	17 19	0 52	5 0	0 48	20 58	0 48	4 52	2 6	23 44	0 16	20 24	1 32	20 15	15 2	10 19	10 18	27 18	18 14	5 13
M19	8 39	18 5	1 41	15 47	2 9	16 59	0 55	4 41	0 47	20 59	0 48	4 49	2 6	23 44	0 16	20 24	1 32	20 15	15 2	10 19	10 19	27 17	18 14	5 14
T 20	8 16	13 7	0 35	15 14	2 10	16 39	0 57	4 22	0 47	20 59	0 48	4 46	2 6	23 44	0 16	20 24	1 32	20 14	15 2	10 19	10 20	27 16	18 13	5 15
W21	7 53	7 33	0n34	14 39	2 10	16 18	0 58	4 3	0 46	21 0	0 48	4 43	2 6	23 44	0 16	20 24	1 32	20 13	15 2	10 19	10 21	27 15	18 13	5 15
T 22	7 31	1 35	1 42	14 3	2 10	15 56	1 0	3 44	0 46	21 1	0 48	4 40	2 6	23 44	0 16	20 24	1 32	20 13	15 1	10 19	10 23	27 14	18 12	5 16
F 23	7 8	4n32	2 46	13 25	2 10	15 34	1 2	3 26	0 45	21 1	0 48	4 37	2 6	23 44	0 16	20 24	1 32	20 12	15 2	10 19	10 24	27 13	18 12	5 16
S 24	6 45	10 34	3 43	12 46	2 9	15 12	1 4	3 7	0 45	21 2	0 48	4 34	2 6	23 44	0 16	20 24	1 32	20 12	15 2	10 20	10 25	27 12	18 11	5 17
S 25	6 22	16 13	4 29	12 6	2 7	14 49	1 6	2 48	0 44	21 3	0 48	4 32	2 6	23 44	0 16	20 24	1 32	20 11	15 2	10 20	10 26	27 11	18 11	5 17
M26	5 59	21 11	5 0	11 24	2 5	14 26	1 7	2 29	0 44	21 3	0 49	4 29	2 6	23 44	0 16	20 24	1 32	20 10	15 2	10 21	10 27	27 10	18 10	5 18
T 27	5 36	25 5	5 15	10 41	2 3	14 2	1 9	2 10	0 43	21 4	0 49	4 26	2 6	23 44	0 16	20 24	1 32	20 10	15 2	10 21	10 28	27 9	18 10	5 19
W28	5s12	27n34	5n12	9s56	2s 0	13s38	1s11	1s51	0s43	21s 4	0n49	4s23	2s 6	23s44	0s16	20s24	1n33	20s 9	15s 2	10s21	10s30	27s 7	18s 9	5n19

Julian Day Number = 2202853.5, Delta T = 09m55s
Ecliptic obliquity = 23°31'48, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°14'36, Lahiri = 14°21'37 Julian Calendar 1 Feb. 1319 == Greg. Calendar 9 Feb. 1319

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ASTRODIENST EPHEMERIS for the year 1319
geocentric

MARCH 1319 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	11 3 51	17♓51'25	26♊54	11♓14	28♒19	27♓46	8♐58	23♓58	4♑35	9♐18	13♓56	3♓15	2♓49	11♑ 0	26♐14	T 1
F 2	11 7 47	18°51'01	11♋10	13° 8	29°33	28°32	9° 1	24° 5	4°36	9°18	13°58	3°16	2°45	11° 7	26°16	F 2
S 3	11 11 44	19°50'35	25°33	15° 2	0♓47	29°18	9° 4	24°13	4°38	9°18	13°59	3°17	2°42	11°14	26°19	S 3
S 4	11 15 40	20°50'07	9♌58	16°58	2° 1	0♈ 4	9° 7	24°21	4°39	9°R18	14° 1	3°18	2°39	11°20	26°21	S 4
M 5	11 19 37	21°49'36	24°22	18°55	3°16	0°50	9°10	24°28	4°41	9°18	14° 2	3°19	2°36	11°27	26°23	M 5
T 6	11 23 34	22°49'03	8♍40	20°53	4°30	1°35	9°12	24°36	4°42	9°18	14° 4	3°R19	2°33	11°34	26°25	T 6
W 7	11 27 30	23°48'28	22°47	22°52	5°44	2°21	9°14	24°43	4°43	9°18	14° 6	3°18	2°30	11°40	26°27	W 7
T 8	11 31 27	24°47'51	6♎38	24°52	6°58	3° 7	9°17	24°51	4°45	9°18	14° 7	3°16	2°26	11°47	26°29	T 8
F 9	11 35 23	25°47'12	20°11	26°53	8°12	3°53	9°19	24°58	4°46	9°17	14° 9	3°13	2°23	11°54	26°31	F 9
S 10	11 39 20	26°46'30	3♏24	28°55	9°26	4°38	9°20	25° 6	4°47	9°17	14°10	3° 9	2°20	12° 1	26°32	S 10
S 11	11 43 16	27°45'47	16°16	0♈57	10°41	5°24	9°22	25°13	4°48	9°17	14°12	3° 6	2°17	12° 7	26°34	S 11
M12	11 47 13	28°45'02	28°48	3° 0	11°55	6°10	9°23	25°21	4°49	9°17	14°13	3° 2	2°14	12°14	26°36	M12
T 13	11 51 9	29°44'16	11♐ 4	5° 3	13° 9	6°55	9°25	25°28	4°50	9°17	14°15	3° 0	2°11	12°21	26°37	T 13
W14	11 55 6	0♈43'27	23° 7	7° 6	14°23	7°41	9°26	25°36	4°51	9°16	14°16	2°58	2° 7	12°27	26°38	W14
T 15	11 59 3	1°42'37	5♑ 1	9° 9	15°37	8°26	9°26	25°43	4°52	9°16	14°18	2°D58	2° 4	12°34	26°40	T 15
F 16	12 2 59	2°41'45	16°52	11°11	16°51	9°12	9°27	25°51	4°53	9°15	14°19	2°59	2° 1	12°41	26°41	F 16
S 17	12 6 56	3°40'51	28°44	13°13	18° 5	9°57	9°28	25°58	4°54	9°15	14°21	3° 0	1°58	12°47	26°42	S 17
S 18	12 10 52	4°39'55	10♒42	15°14	19°20	10°43	9°28	26° 6	4°55	9°15	14°22	3° 2	1°55	12°54	26°43	S 18
M19	12 14 49	5°38'57	22°51	17°12	20°34	11°28	9°R28	26°13	4°56	9°14	14°24	3° 4	1°51	13° 1	26°44	M19
T 20	12 18 45	6°37'58	5♓14	19°10	21°48	12°13	9°28	26°21	4°56	9°14	14°25	3°R 4	1°48	13° 7	26°45	T 20
W21	12 22 42	7°36'56	17°53	21° 4	23° 2	12°58	9°27	26°28	4°57	9°13	14°27	3° 3	1°45	13°14	26°45	W21
T 22	12 26 38	8°35'53	0♈51	22°57	24°16	13°44	9°27	26°36	4°57	9°13	14°28	3° 0	1°42	13°21	26°46	T 22
F 23	12 30 35	9°34'47	14° 7	24°46	25°30	14°29	9°26	26°43	4°58	9°12	14°29	2°56	1°39	13°28	26°47	F 23
S 24	12 34 31	10°33'40	27°40	26°32	26°44	15°14	9°25	26°51	4°58	9°11	14°31	2°50	1°36	13°34	26°47	S 24
S 25	12 38 28	11°32'30	11♉28	28°14	27°58	15°59	9°24	26°58	4°59	9°11	14°32	2°44	1°32	13°41	26°47	S 25
M26	12 42 25	12°31'18	25°27	29°53	29°12	16°44	9°23	27° 5	4°59	9°10	14°34	2°38	1°29	13°48	26°48	M26
T 27	12 46 21	13°30'04	9♊33	1♉27	0♈26	17°29	9°22	27°13	4°59	9° 9	14°35	2°33	1°26	13°54	26°48	T 27
W28	12 50 18	14°28'48	23°43	2°57	1°40	18°14	9°20	27°20	5° 0	9° 9	14°36	2°29	1°23	14° 1	26°48	W28
T 29	12 54 14	15°27'30	7♋54	4°22	2°54	18°58	9°18	27°27	5° 0	9° 8	14°38	2°27	1°20	14° 8	26°R48	T 29
F 30	12 58 11	16°26'09	22° 5	5°42	4° 8	19°43	9°16	27°35	5° 0	9° 7	14°39	2°D27	1°16	14°14	26°48	F 30
S 31	13 2 7	17♈24'46	6♌12	6♉57	5♈22	20♈28	9♐14	27♓42	5♑ 0	9♐ 6	14♓40	2♓28	1♓13	14♑21	26♐48	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	4s49	28n19	4n50	9s10	1s56	13s14	1s12	1s32	0s42	21s 5	0n49	4s20	2s 6	23s43	0s16	20s24	1n33	20s 9	15s 2	10s21	10s31	27s 6	18s 9	5n20
F 2	4 26	27 12	4 10	8 23	1 52	12 49	1 14	1 13	0 41	21 5	0 49	4 17	2 6	23 43	0 16	20 24	1 33	20 8	15 2	10 21	10 32	27 5	18 8	5 20
S 3	4 2	24 17	3 14	7 34	1 48	12 24	1 15	0 54	0 41	21 5	0 49	4 14	2 6	23 43	0 17	20 24	1 33	20 8	15 2	10 20	10 33	27 4	18 8	5 21
S 4	3 39	19 50	2 5	6 45	1 43	11 59	1 16	0 36	0 40	21 6	0 49	4 11	2 6	23 43	0 17	20 24	1 33	20 7	15 2	10 20	10 34	27 3	18 7	5 22
M 5	3 15	14 13	0 49	5 53	1 37	11 33	1 17	0 17	0 40	21 6	0 49	4 8	2 6	23 43	0 17	20 24	1 33	20 6	15 2	10 20	10 35	27 2	18 7	5 22
T 6	2 52	7 54	0s30	5 1	1 31	11 7	1 19	0n 2	0 39	21 6	0 49	4 5	2 6	23 43	0 17	20 24	1 33	20 6	15 2	10 20	10 36	27 1	18 6	5 23
W 7	2 28	1 16	1 45	4 8	1 24	10 41	1 20	0 21	0 39	21 7	0 49	4 2	2 6	23 43	0 17	20 24	1 33	20 5	15 2	10 20	10 38	27 0	18 6	5 23
T 8	2 4	5s18	2 53	3 14	1 17	10 14	1 21	0 40	0 38	21 7	0 49	3 59	2 6	23 43	0 17	20 24	1 33	20 5	15 2	10 21	10 39	26 58	18 5	5 24
F 9	1 41	11 28	3 50	2 18	1 9	9 47	1 22	0 58	0 38	21 7	0 49	3 56	2 6	23 43	0 17	20 24	1 33	20 4	15 2	10 22	10 40	26 57	18 5	5 25
S 10	1 17	16 58	4 33	1 22	1 1	9 20	1 23	1 17	0 37	21 7	0 49	3 53	2 6	23 43	0 17	20 24	1 33	20 4	15 2	10 23	10 41	26 56	18 4	5 25
S 11	0 54	21 33	5 1	0 25	0 52	8 53	1 24	1 36	0 36	21 8	0 49	3 50	2 6	23 43	0 17	20 24	1 33	20 3	15 2	10 24	10 42	26 55	18 4	5 26
M12	0 30	25 3	5 13	0n32	0 43	8 25	1 24	1 55	0 36	21 8	0 49	3 47	2 6	23 43	0 17	20 24	1 33	20 3	15 2	10 26	10 43	26 54	18 3	5 26
T 13	0 6	27 19	5 11	1 30	0 33	7 57	1 25	2 13	0 35	21 8	0 49	3 44	2 6	23 43	0 17	20 23	1 33	20 2	15 3	10 27	10 44	26 52	18 2	5 27
W14	0n17	28 15	4 55	2 28	0 23	7 29	1 26	2 32	0 35	21 8	0 49	3 41	2 6	23 43	0 17	20 23	1 33	20 2	15 3	10 27	10 46	26 51	18 2	5 28
T 15	0 41	27 52	4 26	3 27	0 13	7 1	1 26	2 50	0 34	21 8	0 49	3 38	2 6	23 43	0 17	20 23	1 33	20 1	15 3	10 27	10 47	26 50	18 1	5 28
F 16	1 5	26 12	3 46	4 25	0 2	6 33	1 27	3 9	0 33	21 8	0 49	3 35	2 6	23 43	0 17	20 23	1 33	20 1	15 3	10 27	10 48	26 49	18 1	5 29
S 17	1 28	23 23	2 57	5 23	0n 9	6 4	1 27	3 27	0 33	21 8	0 50	3 32	2 6	23 43	0 17	20 23	1 33	20 0	15 3	10 26	10 49	26 48	18 0	5 29
S 18	1 52	19 32	1 59	6 20	0 21	5 35	1 28	3 46	0 32	21 8	0 50	3 29	2 6	23 43	0 17	20 23	1 33	20 0	15 3	10 26	10 50	26 46	17 59	5 30
M19	2 15	14 50	0 56	7 17	0 32	5 6	1 28	4 4	0 32	21 8	0 50	3 26	2 6	23 43	0 17	20 23	1 33	19 59	15 3	10 25	10 51	26 45	17 59	5 31
T 20	2 39	9 27	0n12	8 12	0 44	4 37	1 28	4 22	0 31	21 8	0 50	3 23	2 6	23 43	0 17	20 23	1 33	19 59	15 3	10 25	10 52	26 44	17 58	5 31
W21	3 2	3 35	1 20	9 7	0 55	4 8	1 29	4 41	0 30	21 8	0 50	3 20	2 6	23 43	0 17	20 23	1 33	19 59	15 4	10 25	10 54	26 43	17 58	5 32
T 22	3 25	2n34	2 26	9 59	1 7	3 39	1 29	4 59	0 30	21 8	0 50	3 17	2 6	23 43	0 17	20 23	1 33	19 58	15 4	10 26	10 55	26 41	17 57	5 32
F 23	3 49	8 44	3 25	10 50	1 18	3 9	1 29	5 17	0 29	21 8	0 50	3 15	2 6	23 43	0 17	20 22	1 34	19 58	15 4	10 28	10 56	26 40	17 56	5 33
S 24	4 12	14 37	4 14	11 40	1 29	2 40	1 29	5 35	0 29	21 8	0 50	3 12	2 7	23 43	0 17	20 22	1 34	19 57	15 4	10 30	10 57	26 39	17 56	5 34
S 25	4 35	19 54	4 49	12 27	1 40	2 10	1 29	5 53	0 28	21 7	0 50	3 9	2 7	23 43	0 17	20 22	1 34	19 57	15 4	10 32	10 58	26 37	17 55	5 34
M26	4 58	24 10	5 7	13 11	1 50	1 40	1 29	6 11	0 27	21 7	0 50	3 6	2 7	23 43	0 17	20 22	1 34	19 56	15 4	10 35	10 59	26 36	17 55	5 35
T 27	5 21	27 2	5 7	13 54	2 0	1 11	1 29	6 28	0 27	21 7	0 50	3 3	2 7	23 43	0 17	20 22	1 34	19 56	15 5	10 36	11 0	26 35	17 54	5 36
W28	5 44	28 11	4 49	14 34	2 9	0 41	1 28	6 46	0 26	21 7	0 50	3 0	2 7	23 43	0 17	20 22	1 34	19 56	15 5	10 38	11 1	26 33	17 53	5 36
T 29	6 7	27 30	4 13	15 11	2 18	0 11	1 28	7 4	0 26	21 6	0 50	2 57	2 7	23 43	0 17	20 22	1 34	19 55	15 5	10 38	11 3	26 32	17 53	5 37
F 30	6 29	25 1	3 21	15 45	2 25	0n19	1 28	7 21	0 25	21 6	0 50	2 55	2 7	23 43	0 17	20 21	1 34	19 55	15 5	10 38	11 4	26 31	17 52	5 37
S 31	6n52	21n 1	2n17	16n17	2n32	0n49	1s27	7n39	0s24	21s 6	0n50	2s52	2s 7	23s43	0s17	20s21	1n34	19s55	15s 5	10s38	11s 5	26s29	17s52	5n38

Julian Day Number = 2202881.5, Delta T = 09m55s
Ecliptic obliquity = 23°31'48, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°14'40, Lahiri = 14°21'40 Julian Calendar 1 March 1319 == Greg. Calendar 9 March 1319

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ASTRODIENST EPHEMERIS for the year 1319
geocentric

APRIL 1319 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	13 6 4	18♈23'20	20♌15	8♉ 8	6♈36	21♈13	9°R12	27♓49	5♑ 0	9°R 5	14♓42	2♓29	1♓10	14♑28	26°R48	S 1
M 2	13 10 0	19°21'53	4♍12	9°12	7°50	21°57	9♐ 9	27°56	5°R 0	9♐ 4	14°43	2°R30	1° 7	14°34	26♐47	M 2
T 3	13 13 57	20°20'23	18° 2	10°12	9° 4	22°42	9° 7	28° 3	5° 0	9° 4	14°44	2°29	1° 4	14°41	26°47	T 3
W 4	13 17 54	21°18'51	1♎43	11° 6	10°18	23°26	9° 4	28°11	5° 0	9° 3	14°46	2°26	1° 1	14°48	26°46	W 4
T 5	13 21 50	22°17'17	15°13	11°54	11°32	24°11	9° 1	28°18	5° 0	9° 2	14°47	2°20	0°57	14°54	26°46	T 5
F 6	13 25 47	23°15'41	28°29	12°37	12°46	24°55	8°58	28°25	5° 0	9° 1	14°48	2°12	0°54	15° 1	26°45	F 6
S 7	13 29 43	24°14'03	11♏29	13°14	14° 0	25°39	8°54	28°32	5° 0	9° 0	14°50	2° 4	0°51	15° 8	26°44	S 7
S 8	13 33 40	25°12'24	24°14	13°46	15°14	26°24	8°51	28°39	4°59	8°59	14°51	1°54	0°48	15°14	26°43	S 8
M 9	13 37 36	26°10'42	6♐43	14°11	16°28	27° 8	8°47	28°46	4°59	8°58	14°52	1°45	0°45	15°21	26°42	M 9
T 10	13 41 33	27° 9'00	18°57	14°31	17°42	27°52	8°43	28°53	4°59	8°57	14°53	1°37	0°42	15°28	26°41	T 10
W11	13 45 29	28° 7'15	0♑59	14°46	18°56	28°36	8°39	29° 0	4°58	8°55	14°54	1°31	0°38	15°35	26°40	W11
T 12	13 49 26	29° 5'29	12°53	14°54	20°10	29°20	8°35	29° 7	4°58	8°54	14°56	1°28	0°35	15°41	26°39	T 12
F 13	13 53 23	0♉ 3'42	24°44	14°R57	21°24	0♉ 5	8°30	29°14	4°57	8°53	14°57	1°26	0°32	15°48	26°38	F 13
S 14	13 57 19	1° 1'53	6♒35	14°55	22°38	0°49	8°26	29°20	4°57	8°52	14°58	1°D26	0°29	15°55	26°36	S 14
S 15	14 1 16	2° 0'02	18°34	14°48	23°51	1°33	8°21	29°27	4°56	8°51	14°59	1°27	0°26	16° 1	26°35	S 15
M16	14 5 12	2°58'10	0♓44	14°36	25° 5	2°16	8°16	29°34	4°55	8°50	15° 0	1°R27	0°22	16° 8	26°33	M16
T 17	14 9 9	3°56'16	13°10	14°19	26°19	3° 0	8°11	29°41	4°55	8°48	15° 1	1°27	0°19	16°15	26°32	T 17
W18	14 13 5	4°54'21	25°57	13°58	27°33	3°44	8° 6	29°47	4°54	8°47	15° 2	1°24	0°16	16°21	26°30	W18
T 19	14 17 2	5°52'25	9♈ 7	13°33	28°47	4°28	8° 1	29°54	4°53	8°46	15° 4	1°19	0°13	16°28	26°28	T 19
F 20	14 20 58	6°50'26	22°41	13° 5	0♉ 1	5°12	7°55	0♈ 0	4°52	8°44	15° 5	1°12	0°10	16°35	26°26	F 20
S 21	14 24 55	7°48'27	6♉37	12°34	1°15	5°55	7°50	0° 7	4°51	8°43	15° 6	1° 2	0° 7	16°41	26°25	S 21
S 22	14 28 52	8°46'26	20°50	12° 1	2°28	6°39	7°44	0°14	4°50	8°42	15° 7	0°52	0° 3	16°48	26°23	S 22
M23	14 32 48	9°44'23	5♊17	11°26	3°42	7°22	7°38	0°20	4°49	8°40	15° 8	0°41	0° 0	16°55	26°20	M23
T 24	14 36 45	10°42'18	19°49	10°50	4°56	8° 6	7°32	0°26	4°48	8°39	15° 9	0°32	29♒57	17° 1	26°18	T 24
W25	14 40 41	11°40'12	4♋21	10°14	6°10	8°49	7°26	0°33	4°47	8°38	15°10	0°26	29°54	17° 8	26°16	W25
T 26	14 44 38	12°38'04	18°46	9°38	7°24	9°33	7°20	0°39	4°46	8°36	15°11	0°21	29°51	17°15	26°14	T 26
F 27	14 48 34	13°35'54	3♌ 2	9° 3	8°38	10°16	7°14	0°45	4°45	8°35	15°12	0°19	29°48	17°21	26°11	F 27
S 28	14 52 31	14°33'43	17° 6	8°30	9°51	10°59	7° 7	0°51	4°43	8°34	15°12	0°D19	29°44	17°28	26° 9	S 28
S 29	14 56 27	15°31'29	0♍58	7°58	11° 5	11°43	7° 1	0°57	4°42	8°32	15°13	0°R19	29°41	17°35	26° 6	S 29
M30	15 0 24	16♉29'14	14♍38	7♉29	12♉19	12♉26	6♐54	1♈ 4	4♑41	8♐31	15♓14	0♓19	29♒38	17♑42	26♐ 4	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	7n14	15n50	1n 6	16n46	2n38	1n18	1s27	7n56	0s24	21s 5	0n50	2s49	2s 7	23s43	0s17	20s21	1n34	19s54	15s 6	10s38	11s 6	26s28	17s51	5n39
M 2	7 36	9 52	0s 9	17 12	2 44	1 48	1 26	8 14	0 23	21 5	0 50	2 46	2 7	23 43	0 17	20 21	1 34	19 54	15 6	10 37	11 7	26 27	17 50	5 39
T 3	7 59	3 29	1 23	17 35	2 48	2 18	1 25	8 31	0 22	21 4	0 50	2 43	2 7	23 43	0 17	20 21	1 34	19 54	15 6	10 38	11 8	26 25	17 50	5 40
W 4	8 21	2s59	2 31	17 55	2 51	2 48	1 25	8 48	0 22	21 4	0 50	2 41	2 8	23 43	0 17	20 21	1 34	19 53	15 6	10 39	11 9	26 24	17 49	5 40
T 5	8 43	9 13	3 29	18 13	2 53	3 18	1 24	9 5	0 21	21 4	0 50	2 38	2 8	23 43	0 17	20 20	1 34	19 53	15 6	10 41	11 11	26 23	17 49	5 41
F 6	9 4	14 56	4 15	18 27	2 55	3 47	1 23	9 22	0 21	21 3	0 50	2 35	2 8	23 43	0 17	20 20	1 34	19 53	15 7	10 44	11 12	26 21	17 48	5 42
S 7	9 26	19 52	4 46	18 39	2 55	4 17	1 22	9 39	0 20	21 2	0 50	2 32	2 8	23 43	0 17	20 20	1 34	19 52	15 7	10 47	11 13	26 20	17 47	5 42
S 8	9 47	23 47	5 3	18 47	2 53	4 46	1 21	9 55	0 19	21 2	0 50	2 30	2 8	23 43	0 17	20 20	1 34	19 52	15 7	10 50	11 14	26 19	17 47	5 43
M 9	10 9	26 31	5 5	18 53	2 51	5 16	1 20	10 12	0 19	21 1	0 50	2 27	2 8	23 43	0 17	20 20	1 34	19 52	15 7	10 54	11 15	26 17	17 46	5 43
T 10	10 30	27 55	4 52	18 55	2 47	5 45	1 19	10 29	0 18	21 1	0 50	2 24	2 8	23 44	0 17	20 19	1 34	19 52	15 8	10 56	11 16	26 16	17 46	5 44
W11	10 51	27 58	4 27	18 55	2 43	6 14	1 18	10 45	0 17	21 0	0 50	2 22	2 8	23 44	0 17	20 19	1 34	19 51	15 8	10 58	11 17	26 14	17 45	5 44
T 12	11 12	26 43	3 50	18 52	2 37	6 43	1 17	11 1	0 17	20 59	0 50	2 19	2 9	23 44	0 17	20 19	1 34	19 51	15 8	11 0	11 18	26 13	17 44	5 45
F 13	11 32	24 16	3 3	18 46	2 29	7 12	1 16	11 17	0 16	20 59	0 50	2 16	2 9	23 44	0 17	20 19	1 34	19 51	15 8	11 0	11 20	26 11	17 44	5 46
S 14	11 53	20 47	2 9	18 37	2 21	7 41	1 15	11 33	0 16	20 58	0 50	2 14	2 9	23 44	0 17	20 19	1 34	19 51	15 9	11 0	11 21	26 10	17 43	5 46
S 15	12 13	16 24	1 8	18 25	2 11	8 10	1 13	11 49	0 15	20 57	0 50	2 11	2 9	23 44	0 17	20 18	1 34	19 51	15 9	11 0	11 22	26 9	17 43	5 47
M16	12 33	11 19	0 4	18 11	2 0	8 38	1 12	12 5	0 14	20 56	0 50	2 9	2 9	23 44	0 18	20 18	1 34	19 50	15 9	11 0	11 23	26 7	17 42	5 47
T 17	12 53	5 41	1n 2	17 54	1 47	9 6	1 10	12 21	0 14	20 56	0 50	2 6	2 9	23 44	0 18	20 18	1 34	19 50	15 9	11 0	11 24	26 6	17 41	5 48
W18	13 12	0n19	2 7	17 35	1 34	9 34	1 9	12 36	0 13	20 55	0 50	2 4	2 9	23 44	0 18	20 18	1 34	19 50	15 10	11 1	11 25	26 4	17 41	5 48
T 19	13 32	6 29	3 6	17 14	1 20	10 2	1 7	12 52	0 12	20 54	0 50	2 1	2 9	23 44	0 18	20 17	1 34	19 50	15 10	11 3	11 26	26 3	17 40	5 49
F 20	13 51	12 31	3 57	16 51	1 5	10 30	1 6	13 7	0 12	20 53	0 50	1 59	2 10	23 44	0 18	20 17	1 34	19 50	15 10	11 5	11 27	26 1	17 40	5 49
S 21	14 10	18 6	4 36	16 27	0 49	10 57	1 4	13 22	0 11	20 52	0 50	1 56	2 10	23 44	0 18	20 17	1 34	19 49	15 11	11 9	11 29	26 0	17 39	5 50
S 22	14 29	22 49	4 58	16 1	0 33	11 24	1 3	13 37	0 10	20 51	0 50	1 54	2 10	23 44	0 18	20 17	1 34	19 49	15 11	11 13	11 30	25 58	17 38	5 51
M23	14 47	26 12	5 1	15 34	0 16	11 51	1 1	13 52	0 10	20 51	0 50	1 51	2 10	23 44	0 18	20 17	1 35	19 49	15 11	11 16	11 31	25 57	17 38	5 51
T 24	15 5	27 53	4 46	15 6	0s 2	12 17	0 59	14 7	0 9	20 50	0 50	1 49	2 10	23 44	0 18	20 16	1 35	19 49	15 11	11 19	11 32	25 55	17 37	5 52
W25	15 24	27 39	4 11	14 39	0 19	12 44	0 57	14 22	0 9	20 49	0 50	1 47	2 10	23 44	0 18	20 16	1 35	19 49	15 12	11 22	11 33	25 54	17 37	5 52
T 26	15 41	25 32	3 21	14 11	0 36	13 10	0 55	14 36	0 8	20 48	0 50	1 44	2 11	23 44	0 18	20 16	1 35	19 49	15 12	11 23	11 34	25 52	17 36	5 53
F 27	15 59	21 49	2 19	13 43	0 54	13 35	0 54	14 50	0 7	20 47	0 50	1 42	2 11	23 44	0 18	20 16	1 35	19 49	15 12	11 24	11 35	25 51	17 36	5 53
S 28	16 16	16 52	1 10	13 17	1 10	14 0	0 52	15 5	0 7	20 46	0 50	1 40	2 11	23 44	0 18	20 15	1 35	19 49	15 13	11 24	11 36	25 49	17 35	5 54
S 29	16 33	11 7	0s 3	12 51	1 27	14 25	0 50	15 19	0 6	20 45	0 50	1 37	2 11	23 45	0 18	20 15	1 35	19 49	15 13	11 24	11 37	25 48	17 34	5 54
M30	16n50	4n55	1s15	12n27	1s43	14n50	0s48	15n32	0s 5	20s44	0n50	1s35	2s11	23s45	0s18	20s15	1n35	19s49	15s13	11s24	11s39	25s46	17s34	5n55

Julian Day Number = 2202912.5, Delta T = 09m55s
Ecliptic obliquity = 23°31'48, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°14'44, Lahiri = 14°21'45 Julian Calendar 1 Apr. 1319 == Greg. Calendar 9 Apr. 1319

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ASTRODIENST EPHEMERIS for the year 1319
geocentric

MAY 1319 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	15 4 21	17♉26'57	28♍ 7	7°R 3	13♉33	13♉ 9	6°R47	1♈10	4°R40	8°R29	15♓15	0°R16	29♒35	17♋48	26°R 1	T 1
W 2	15 8 17	18°24'38	11♎24	6♉41	14°46	13°52	6♐40	1°15	4♋38	8♐28	15°16	0♓11	29°32	17°55	25♐59	W 2
T 3	15 12 14	19°22'18	24°31	6°22	16° 0	14°35	6°33	1°21	4°37	8°26	15°17	0° 3	29°28	18° 2	25°56	T 3
F 4	15 16 10	20°19'57	7♏26	6° 7	17°14	15°18	6°26	1°27	4°35	8°25	15°17	29♒52	29°25	18° 8	25°53	F 4
S 5	15 20 7	21°17'34	20° 9	5°56	18°28	16° 1	6°19	1°33	4°34	8°23	15°18	29°40	29°22	18°15	25°50	S 5
S 6	15 24 3	22°15'10	2♐40	5°50	19°41	16°44	6°12	1°39	4°32	8°22	15°19	29°27	29°19	18°22	25°47	S 6
M 7	15 28 0	23°12'45	14°59	5°D48	20°55	17°26	6° 5	1°44	4°31	8°20	15°20	29°14	29°16	18°28	25°44	M 7
T 8	15 31 56	24°10'18	27° 7	5°50	22° 9	18° 9	5°58	1°50	4°29	8°18	15°20	29° 3	29°13	18°35	25°41	T 8
W 9	15 35 53	25° 7'51	9♑ 6	5°57	23°23	18°52	5°50	1°55	4°27	8°17	15°21	28°54	29° 9	18°42	25°38	W 9
T 10	15 39 50	26° 5'23	20°58	6° 9	24°36	19°34	5°43	2° 1	4°26	8°15	15°22	28°48	29° 6	18°48	25°35	T 10
F 11	15 43 46	27° 2'53	2♒47	6°25	25°50	20°17	5°36	2° 6	4°24	8°14	15°22	28°44	29° 3	18°55	25°32	F 11
S 12	15 47 43	28° 0'23	14°37	6°45	27° 4	21° 0	5°28	2°12	4°22	8°12	15°23	28°42	29° 0	19° 2	25°28	S 12
S 13	15 51 39	28°57'52	26°34	7°10	28°18	21°42	5°21	2°17	4°20	8°11	15°24	28°42	28°57	19° 8	25°25	S 13
M14	15 55 36	29°55'20	8♓43	7°39	29°31	22°25	5°13	2°22	4°19	8° 9	15°24	28°42	28°54	19°15	25°22	M14
T 15	15 59 32	0♊52'47	21° 9	8°12	0♊45	23° 7	5° 5	2°27	4°17	8° 7	15°25	28°41	28°50	19°22	25°18	T 15
W16	16 3 29	1°50'13	3♈57	8°50	1°59	23°49	4°58	2°32	4°15	8° 6	15°25	28°38	28°47	19°28	25°15	W16
T 17	16 7 25	2°47'39	17°12	9°31	3°13	24°32	4°50	2°37	4°13	8° 4	15°26	28°33	28°44	19°35	25°11	T 17
F 18	16 11 22	3°45'04	0♉53	10°16	4°26	25°14	4°42	2°42	4°11	8° 3	15°26	28°25	28°41	19°42	25° 8	F 18
S 19	16 15 19	4°42'29	15° 2	11° 5	5°40	25°56	4°35	2°47	4° 9	8° 1	15°27	28°15	28°38	19°48	25° 4	S 19
S 20	16 19 15	5°39'52	29°33	11°57	6°54	26°38	4°27	2°52	4° 7	7°59	15°27	28° 4	28°34	19°55	25° 1	S 20
M21	16 23 12	6°37'15	14♊21	12°54	8° 7	27°20	4°20	2°57	4° 5	7°58	15°28	27°53	28°31	20° 2	24°57	M21
T 22	16 27 8	7°34'37	29°17	13°53	9°21	28° 2	4°12	3° 1	4° 3	7°56	15°28	27°43	28°28	20° 8	24°53	T 22
W23	16 31 5	8°31'58	14♋12	14°56	10°35	28°44	4° 4	3° 6	4° 1	7°54	15°29	27°36	28°25	20°15	24°50	W23
T 24	16 35 1	9°29'19	28°57	16° 3	11°49	29°26	3°57	3°10	3°59	7°53	15°29	27°31	28°22	20°22	24°46	T 24
F 25	16 38 58	10°26'38	13♌27	17°13	13° 2	0♊ 8	3°49	3°15	3°56	7°51	15°29	27°29	28°19	20°28	24°42	F 25
S 26	16 42 55	11°23'56	27°39	18°26	14°16	0°50	3°42	3°19	3°54	7°50	15°30	27°D28	28°15	20°35	24°38	S 26
S 27	16 46 51	12°21'13	11♍32	19°42	15°30	1°32	3°34	3°23	3°52	7°48	15°30	27°R28	28°12	20°42	24°34	S 27
M28	16 50 48	13°18'29	25° 6	21° 2	16°43	2°14	3°27	3°27	3°50	7°46	15°30	27°28	28° 9	20°48	24°31	M28
T 29	16 54 44	14°15'44	8♎23	22°24	17°57	2°55	3°19	3°31	3°48	7°45	15°30	27°26	28° 6	20°55	24°27	T 29
W30	16 58 41	15°12'58	21°25	23°50	19°11	3°37	3°12	3°35	3°45	7°43	15°31	27°21	28° 3	21° 2	24°23	W30
T 31	17 2 37	16♊10'12	4♏14	25♉19	20♊24	4♊18	3♐ 4	3♈39	3♋43	7♐42	15♓31	27♒14	28♒ 0	21♋ 9	24♐19	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17n 6	1s24	2s21	12n 4	1s58	15n14	0s46	15n46	0s 5	20s42	0n50	1s33	2s11	23s45	0s18	20s15	1n35	19s49	15s14	11s25	11s40	25s45	17s33	5n55
W 2	17 22	7 35	3 19	11 43	2 12	15 38	0 44	16 0	0 4	20 41	0 50	1 31	2 12	23 45	0 18	20 14	1 35	19 49	15 14	11 27	11 41	25 43	17 33	5 55
T 3	17 38	13 20	4 5	11 25	2 25	16 2	0 42	16 13	0 3	20 40	0 50	1 28	2 12	23 45	0 18	20 14	1 35	19 49	15 14	11 30	11 42	25 41	17 32	5 56
F 4	17 54	18 25	4 38	11 8	2 37	16 25	0 39	16 26	0 3	20 39	0 50	1 26	2 12	23 45	0 18	20 14	1 35	19 49	15 15	11 34	11 43	25 40	17 32	5 56
S 5	18 9	22 36	4 56	10 54	2 49	16 47	0 37	16 39	0 2	20 38	0 50	1 24	2 12	23 45	0 18	20 14	1 35	19 49	15 15	11 38	11 44	25 38	17 31	5 57
S 6	18 24	25 40	5 0	10 42	2 59	17 10	0 35	16 52	0 2	20 37	0 49	1 22	2 12	23 45	0 18	20 13	1 35	19 49	15 15	11 43	11 45	25 37	17 31	5 57
M 7	18 39	27 28	4 49	10 33	3 8	17 31	0 33	17 5	0 1	20 36	0 49	1 20	2 13	23 45	0 18	20 13	1 35	19 49	15 16	11 47	11 46	25 35	17 30	5 58
T 8	18 53	27 55	4 25	10 26	3 16	17 53	0 31	17 18	0 0	20 34	0 49	1 18	2 13	23 45	0 18	20 13	1 35	19 49	15 16	11 51	11 48	25 33	17 30	5 58
W 9	19 7	27 3	3 50	10 22	3 23	18 14	0 28	17 30	0n 0	20 33	0 49	1 16	2 13	23 45	0 18	20 13	1 35	19 49	15 16	11 54	11 49	25 32	17 29	5 58
T 10	19 21	24 56	3 5	10 20	3 29	18 34	0 26	17 43	0 1	20 32	0 49	1 14	2 13	23 45	0 18	20 12	1 35	19 49	15 17	11 56	11 50	25 30	17 29	5 59
F 11	19 34	21 46	2 13	10 21	3 34	18 54	0 24	17 55	0 2	20 31	0 49	1 12	2 13	23 45	0 18	20 12	1 35	19 49	15 17	11 58	11 51	25 29	17 28	5 59
S 12	19 47	17 41	1 14	10 24	3 38	19 14	0 22	18 7	0 2	20 30	0 49	1 10	2 14	23 45	0 18	20 12	1 35	19 49	15 17	11 58	11 52	25 27	17 28	6 0
S 13	20 0	12 53	0 11	10 29	3 40	19 32	0 19	18 18	0 3	20 28	0 49	1 8	2 14	23 46	0 18	20 12	1 35	19 49	15 18	11 58	11 53	25 25	17 27	6 0
M14	20 13	7 31	0n53	10 37	3 42	19 51	0 17	18 30	0 4	20 27	0 49	1 6	2 14	23 46	0 18	20 11	1 35	19 49	15 18	11 58	11 54	25 24	17 27	6 0
T 15	20 25	1 45	1 56	10 46	3 43	20 9	0 15	18 41	0 4	20 26	0 49	1 4	2 14	23 46	0 18	20 11	1 35	19 49	15 19	11 59	11 55	25 22	17 26	6 1
W16	20 36	4n15	2 55	10 58	3 43	20 26	0 12	18 53	0 5	20 25	0 49	1 3	2 14	23 46	0 18	20 11	1 35	19 49	15 19	12 0	11 56	25 20	17 26	6 1
T 17	20 48	10 16	3 47	11 12	3 42	20 43	0 10	19 4	0 5	20 23	0 48	1 1	2 15	23 46	0 18	20 11	1 35	19 49	15 19	12 1	11 58	25 19	17 25	6 1
F 18	20 59	16 0	4 27	11 28	3 41	20 59	0 8	19 15	0 6	20 22	0 48	0 59	2 15	23 46	0 18	20 10	1 35	19 49	15 20	12 4	11 59	25 17	17 25	6 2
S 19	21 10	21 4	4 53	11 45	3 38	21 15	0 5	19 25	0 7	20 21	0 48	0 57	2 15	23 46	0 18	20 10	1 35	19 50	15 20	12 8	12 0	25 15	17 24	6 2
S 20	21 20	25 1	5 1	12 4	3 35	21 30	0 3	19 36	0 7	20 19	0 48	0 56	2 15	23 46	0 18	20 10	1 35	19 50	15 20	12 11	12 1	25 14	17 24	6 2
M21	21 30	27 23	4 49	12 25	3 31	21 44	0 0	19 46	0 8	20 18	0 48	0 54	2 16	23 46	0 18	20 10	1 35	19 50	15 21	12 15	12 2	25 12	17 24	6 3
T 22	21 39	27 48	4 17	12 47	3 26	21 58	0n 2	19 56	0 9	20 17	0 48	0 52	2 16	23 46	0 18	20 9	1 35	19 50	15 21	12 19	12 3	25 10	17 23	6 3
W23	21 49	26 13	3 28	13 11	3 21	22 11	0 4	20 6	0 9	20 16	0 48	0 51	2 16	23 46	0 18	20 9	1 35	19 50	15 21	12 21	12 4	25 9	17 23	6 3
T 24	21 57	22 49	2 25	13 36	3 14	22 24	0 7	20 16	0 10	20 14	0 48	0 49	2 16	23 46	0 18	20 9	1 35	19 50	15 22	12 23	12 5	25 7	17 22	6 4
F 25	22 6	18 1	1 14	14 2	3 8	22 36	0 9	20 26	0 10	20 13	0 47	0 48	2 17	23 47	0 18	20 9	1 35	19 51	15 22	12 24	12 6	25 5	17 22	6 4
S 26	22 14	12 19	0s 1	14 29	3 0	22 47	0 11	20 35	0 11	20 12	0 47	0 46	2 17	23 47	0 18	20 8	1 35	19 51	15 23	12 24	12 7	25 4	17 21	6 4
S 27	22 22	6 8	1 14	14 57	2 53	22 58	0 14	20 44	0 12	20 10	0 47	0 45	2 17	23 47	0 18	20 8	1 35	19 51	15 23	12 24	12 9	25 2	17 21	6 4
M28	22 29	0s12	2 21	15 26	2 44	23 8	0 16	20 53	0 12	20 9	0 47	0 43	2 17	23 47	0 18	20 8	1 35	19 51	15 23	12 24	12 10	25 0	17 21	6 5
T 29	22 36	6 23	3 19	15 56	2 35	23 17	0 18	21 2	0 13	20 8	0 47	0 42	2 18	23 47	0 18	20 8	1 35	19 52	15 24	12 25	12 11	24 58	17 20	6 5
W30	22 42	12 10	4 5	16 27	2 26	23 26	0 21	21 11	0 14	20 7	0 47	0 41	2 18	23 47	0 18	20 7	1 35	19 52	15 24	12 26	12 12	24 57	17 20	6 5
T 31	22n48	17s20	4s38	16n57	2s16	23n34	0n23	21n19	0n14	20s 5	0n47	0s39	2s18	23s47	0s18	20s 7	1n35	19s52	15s24	12s29	12s13	24s55	17s20	6n 5

Julian Day Number = 2202942.5, Delta T = 09m55s
Ecliptic obliquity = 23°31'48, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°14'48, Lahiri = 14°21'49 Julian Calendar 1 May 1319 == Greg. Calendar 9 May 1319

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ASTRODIENST EPHEMERIS for the year 1319
geocentric

JUNE 1319 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	17 6 34	17♊ 7'25	16♏51	26♉51	21♊38	5♊ 0	2°R57	3♈43	3°R41	7°R40	15♓31	27°R 4	27♒56	21♑15	24°R15	F 1
S 2	17 10 30	18° 4'37	29°17	28°25	22°52	5°41	2♐50	3°47	3♑39	7♐38	15°31	26♒53	27°53	21°22	24♐11	S 2
S 3	17 14 27	19° 1'49	11♐34	0♊ 3	24° 5	6°23	2°43	3°50	3°36	7°37	15°31	26°41	27°50	21°29	24° 7	S 3
M 4	17 18 24	19°59'01	23°42	1°44	25°19	7° 4	2°36	3°54	3°34	7°35	15°31	26°29	27°47	21°35	24° 3	M 4
T 5	17 22 20	20°56'12	5♑41	3°28	26°33	7°46	2°29	3°57	3°32	7°34	15°31	26°19	27°44	21°42	23°59	T 5
W 6	17 26 17	21°53'22	17°35	5°15	27°47	8°27	2°22	4° 1	3°29	7°32	15°31	26°11	27°40	21°49	23°55	W 6
T 7	17 30 13	22°50'33	29°24	7° 4	29° 0	9° 8	2°15	4° 4	3°27	7°31	15°31	26° 5	27°37	21°55	23°51	T 7
F 8	17 34 10	23°47'43	11♒12	8°56	0♋14	9°49	2° 9	4° 7	3°25	7°29	15°R32	26° 2	27°34	22° 2	23°48	F 8
S 9	17 38 6	24°44'54	23° 2	10°51	1°28	10°30	2° 2	4°10	3°22	7°28	15°32	26°D 1	27°31	22° 9	23°44	S 9
S 10	17 42 3	25°42'04	4♓59	12°48	2°41	11°11	1°56	4°13	3°20	7°26	15°31	26° 1	27°28	22°15	23°40	S 10
M11	17 45 59	26°39'14	17° 7	14°48	3°55	11°52	1°49	4°16	3°17	7°24	15°31	26° 2	27°25	22°22	23°36	M11
T 12	17 49 56	27°36'24	29°32	16°50	5° 9	12°33	1°43	4°19	3°15	7°23	15°31	26°R 2	27°21	22°29	23°32	T 12
W13	17 53 53	28°33'35	12♈18	18°53	6°22	13°14	1°37	4°22	3°13	7°21	15°31	26° 1	27°18	22°35	23°28	W13
T 14	17 57 49	29°30'46	25°30	20°59	7°36	13°55	1°31	4°24	3°10	7°20	15°31	25°58	27°15	22°42	23°24	T 14
F 15	18 1 46	0♋27'57	9♉10	23° 6	8°50	14°36	1°25	4°27	3° 8	7°19	15°31	25°53	27°12	22°49	23°20	F 15
S 16	18 5 42	1°25'08	23°20	25°14	10° 4	15°17	1°19	4°29	3° 5	7°17	15°31	25°46	27° 9	22°55	23°16	S 16
S 17	18 9 39	2°22'19	7♊55	27°23	11°17	15°58	1°14	4°32	3° 3	7°16	15°31	25°39	27° 6	23° 2	23°12	S 17
M18	18 13 35	3°19'31	22°52	29°33	12°31	16°38	1° 8	4°34	3° 0	7°14	15°30	25°31	27° 2	23° 9	23° 8	M18
T 19	18 17 32	4°16'43	8♋ 0	1♋43	13°45	17°19	1° 3	4°36	2°58	7°13	15°30	25°24	26°59	23°15	23° 5	T 19
W20	18 21 28	5°13'55	23°11	3°53	14°58	18° 0	0°57	4°38	2°56	7°11	15°30	25°18	26°56	23°22	23° 1	W20
T 21	18 25 25	6°11'07	8♌13	6° 3	16°12	18°40	0°52	4°40	2°53	7°10	15°30	25°15	26°53	23°29	22°57	T 21
F 22	18 29 22	7° 8'19	23° 0	8°12	17°26	19°21	0°47	4°42	2°51	7° 9	15°29	25°D14	26°50	23°35	22°53	F 22
S 23	18 33 18	8° 5'30	7♍26	10°21	18°40	20° 1	0°43	4°44	2°48	7° 7	15°29	25°14	26°46	23°42	22°50	S 23
S 24	18 37 15	9° 2'42	21°28	12°29	19°53	20°42	0°38	4°46	2°46	7° 6	15°29	25°16	26°43	23°49	22°46	S 24
M25	18 41 11	9°59'54	5♎ 5	14°35	21° 7	21°22	0°33	4°47	2°44	7° 5	15°28	25°R16	26°40	23°55	22°42	M25
T 26	18 45 8	10°57'05	18°21	16°41	22°21	22° 2	0°29	4°49	2°41	7° 3	15°28	25°16	26°37	24° 2	22°39	T 26
W27	18 49 4	11°54'17	1♏17	18°45	23°34	22°43	0°25	4°50	2°39	7° 2	15°28	25°14	26°34	24° 9	22°35	W27
T 28	18 53 1	12°51'29	13°56	20°47	24°48	23°23	0°21	4°51	2°36	7° 1	15°27	25°11	26°31	24°15	22°31	T 28
F 29	18 56 57	13°48'41	26°21	22°48	26° 2	24° 3	0°17	4°52	2°34	7° 0	15°27	25° 6	26°27	24°22	22°28	F 29
S 30	19 0 54	14♋45'53	8♐35	24♋48	27♋15	24♊43	0♐13	4♈53	2♑32	6♐59	15♓26	24♒59	26♒24	24♑29	22♐24	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22n54	21s40	4s57	17n29	2s 6	23n41	0n25	21n27	0n15	20s 4	0n46	0s38	2s18	23s47	0s18	20s 7	1n35	19s52	15s25	12s32	12s14	24s53	17s19	6n 5
S 2	23 0	24 59	5 2	18 0	1 56	23 48	0 28	21 35	0 15	20 3	0 46	0 37	2 19	23 47	0 18	20 7	1 35	19 53	15 25	12 36	12 15	24 51	17 19	6 6
S 3	23 4	27 4	4 52	18 32	1 45	23 54	0 30	21 43	0 16	20 2	0 46	0 35	2 19	23 47	0 18	20 6	1 35	19 53	15 26	12 40	12 16	24 50	17 19	6 6
M 4	23 9	27 52	4 29	19 3	1 34	23 59	0 32	21 51	0 17	20 1	0 46	0 34	2 19	23 47	0 18	20 6	1 35	19 53	15 26	12 44	12 17	24 48	17 18	6 6
T 5	23 13	27 19	3 55	19 35	1 22	24 3	0 34	21 58	0 17	19 59	0 46	0 33	2 19	23 47	0 18	20 6	1 35	19 54	15 26	12 47	12 18	24 46	17 18	6 6
W 6	23 17	25 30	3 10	20 6	1 11	24 7	0 37	22 5	0 18	19 58	0 46	0 32	2 20	23 47	0 18	20 6	1 35	19 54	15 27	12 50	12 20	24 44	17 18	6 6
T 7	23 20	22 35	2 17	20 36	0 59	24 10	0 39	22 12	0 18	19 57	0 45	0 31	2 20	23 48	0 18	20 5	1 35	19 54	15 27	12 52	12 21	24 42	17 17	6 6
F 8	23 23	18 44	1 18	21 5	0 48	24 13	0 41	22 19	0 19	19 56	0 45	0 30	2 20	23 48	0 18	20 5	1 35	19 55	15 27	12 53	12 22	24 41	17 17	6 6
S 9	23 25	14 8	0 16	21 34	0 36	24 14	0 43	22 26	0 20	19 55	0 45	0 29	2 20	23 48	0 18	20 5	1 34	19 55	15 28	12 54	12 23	24 39	17 17	6 6
S 10	23 28	8 59	0n48	22 1	0 24	24 15	0 45	22 32	0 20	19 54	0 45	0 28	2 21	23 48	0 19	20 5	1 34	19 55	15 28	12 54	12 24	24 37	17 16	6 7
M11	23 29	3 25	1 51	22 27	0 13	24 15	0 47	22 39	0 21	19 53	0 45	0 27	2 21	23 48	0 19	20 5	1 34	19 56	15 28	12 53	12 25	24 35	17 16	6 7
T 12	23 30	2n24	2 50	22 51	0 1	24 15	0 49	22 45	0 22	19 51	0 44	0 26	2 21	23 48	0 19	20 4	1 34	19 56	15 29	12 53	12 26	24 33	17 16	6 7
W13	23 31	8 17	3 42	23 13	0n10	24 14	0 51	22 50	0 22	19 50	0 44	0 25	2 21	23 48	0 19	20 4	1 34	19 56	15 29	12 54	12 27	24 31	17 16	6 7
T 14	23 32	13 59	4 24	23 34	0 20	24 12	0 53	22 56	0 23	19 49	0 44	0 25	2 22	23 48	0 19	20 4	1 34	19 57	15 30	12 55	12 28	24 30	17 15	6 7
F 15	23 32	19 14	4 53	23 52	0 31	24 9	0 55	23 1	0 23	19 48	0 44	0 24	2 22	23 48	0 19	20 4	1 34	19 57	15 30	12 56	12 29	24 28	17 15	6 7
S 16	23 31	23 36	5 6	24 7	0 41	24 6	0 57	23 7	0 24	19 47	0 44	0 23	2 22	23 48	0 19	20 3	1 34	19 57	15 30	12 59	12 31	24 26	17 15	6 7
S 17	23 31	26 38	4 59	24 20	0 50	24 2	0 59	23 12	0 25	19 46	0 43	0 22	2 23	23 48	0 19	20 3	1 34	19 58	15 31	13 1	12 32	24 24	17 15	6 7
M18	23 29	27 52	4 32	24 31	0 59	23 57	1 1	23 16	0 25	19 45	0 43	0 22	2 23	23 48	0 19	20 3	1 34	19 58	15 31	13 4	12 33	24 22	17 15	6 7
T 19	23 28	27 3	3 46	24 38	1 7	23 51	1 2	23 21	0 26	19 45	0 43	0 21	2 23	23 48	0 19	20 3	1 34	19 59	15 31	13 6	12 34	24 20	17 14	6 7
W20	23 26	24 13	2 44	24 43	1 15	23 45	1 4	23 25	0 26	19 44	0 43	0 21	2 23	23 48	0 19	20 3	1 34	19 59	15 32	13 8	12 35	24 18	17 14	6 7
T 21	23 23	19 44	1 30	24 45	1 22	23 38	1 6	23 30	0 27	19 43	0 43	0 20	2 24	23 48	0 19	20 2	1 34	20 0	15 32	13 9	12 36	24 17	17 14	6 7
F 22	23 20	14 5	0 12	24 44	1 28	23 30	1 7	23 34	0 28	19 42	0 42	0 20	2 24	23 49	0 19	20 2	1 34	20 0	15 32	13 10	12 37	24 15	17 14	6 7
S 23	23 17	7 48	1s 5	24 40	1 33	23 22	1 9	23 37	0 28	19 41	0 42	0 19	2 24	23 49	0 19	20 2	1 34	20 0	15 33	13 9	12 38	24 13	17 14	6 7
S 24	23 13	1 18	2 17	24 34	1 38	23 13	1 11	23 41	0 29	19 40	0 42	0 19	2 25	23 49	0 19	20 2	1 34	20 1	15 33	13 9	12 39	24 11	17 14	6 7
M25	23 9	5s 4	3 19	24 25	1 42	23 3	1 12	23 44	0 29	19 40	0 42	0 18	2 25	23 49	0 19	20 2	1 34	20 1	15 34	13 9	12 40	24 9	17 14	6 7
T 26	23 5	11 2	4 8	24 13	1 45	22 53	1 13	23 47	0 30	19 39	0 42	0 18	2 25	23 49	0 19	20 2	1 34	20 2	15 34	13 9	12 41	24 7	17 13	6 7
W27	23 0	16 23	4 43	23 59	1 47	22 42	1 15	23 50	0 31	19 38	0 41	0 18	2 25	23 49	0 19	20 1	1 34	20 2	15 34	13 9	12 42	24 5	17 13	6 7
T 28	22 54	20 54	5 4	23 42	1 49	22 30	1 16	23 53	0 31	19 38	0 41	0 18	2 26	23 49	0 19	20 1	1 34	20 3	15 35	13 11	12 44	24 3	17 13	6 6
F 29	22 49	24 25	5 9	23 24	1 50	22 17	1 17	23 55	0 32	19 37	0 41	0 17	2 26	23 49	0 19	20 1	1 34	20 3	15 35	13 12	12 45	24 1	17 13	6 6
S 30	22n42	26s46	5s 1	23n 3	1n50	22n 4	1n19	23n58	0n32	19s37	0n41	0s17	2s26	23s49	0s19	20s 1	1n34	20s 4	15s35	13s15	12s46	23s59	17s13	6n 6

Julian Day Number = 2202973.5, Delta T = 09m54s
Ecliptic obliquity = 23°31'47, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°14'53, Lahiri = 14°21'53 Julian Calendar 1 June 1319 == Greg. Calendar 9 June 1319

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1319
geocentric

JULY 1319 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	19 4 51	15♋43'06	20♐40	26♋45	28♋29	25♊23	0°R10	4♈54	2°R29	6°R57	15°R26	24°R52	26♒21	24♑35	22°R21	S 1
M 2	19 8 47	16°40'19	2♑38	28°41	29°43	26° 3	0♐ 7	4°55	2♑27	6♐56	15♓25	24♒45	26°18	24°42	22♐18	M 2
T 3	19 12 44	17°37'33	14°31	0♌35	0♌57	26°43	0° 4	4°56	2°25	6°55	15°25	24°39	26°15	24°49	22°14	T 3
W 4	19 16 40	18°34'47	26°21	2°28	2°10	27°23	0° 1	4°57	2°22	6°54	15°24	24°34	26°12	24°55	22°11	W 4
T 5	19 20 37	19°32'01	8♒10	4°19	3°24	28° 3	29♏58	4°57	2°20	6°53	15°23	24°31	26° 8	25° 2	22° 8	T 5
F 6	19 24 33	20°29'16	19°59	6° 8	4°38	28°43	29°55	4°58	2°18	6°52	15°23	24°D30	26° 5	25° 9	22° 4	F 6
S 7	19 28 30	21°26'32	1♓53	7°55	5°51	29°23	29°53	4°58	2°16	6°51	15°22	24°30	26° 2	25°15	22° 1	S 7
S 8	19 32 27	22°23'49	13°53	9°40	7° 5	0♋ 3	29°50	4°58	2°13	6°50	15°22	24°31	25°59	25°22	21°58	S 8
M 9	19 36 23	23°21'07	26° 4	11°24	8°19	0°42	29°48	4°58	2°11	6°49	15°21	24°33	25°56	25°29	21°55	M 9
T 10	19 40 20	24°18'26	8♈30	13° 6	9°32	1°22	29°46	4°R58	2° 9	6°48	15°20	24°35	25°52	25°35	21°52	T 10
W11	19 44 16	25°15'46	21°16	14°46	10°46	2° 2	29°45	4°58	2° 7	6°47	15°20	24°R35	25°49	25°42	21°49	W11
T 12	19 48 13	26°13'06	4♉24	16°24	12° 0	2°41	29°43	4°58	2° 5	6°46	15°19	24°35	25°46	25°49	21°46	T 12
F 13	19 52 9	27°10'29	17°58	18° 1	13°13	3°21	29°42	4°58	2° 3	6°45	15°18	24°34	25°43	25°55	21°43	F 13
S 14	19 56 6	28° 7'52	1♊59	19°36	14°27	4° 1	29°40	4°57	2° 0	6°44	15°17	24°31	25°40	26° 2	21°41	S 14
S 15	20 0 2	29° 5'16	16°27	21° 9	15°41	4°40	29°39	4°57	1°58	6°43	15°17	24°28	25°37	26° 9	21°38	S 15
M16	20 3 59	0♌ 2'42	1♋17	22°41	16°55	5°19	29°39	4°56	1°56	6°43	15°16	24°25	25°33	26°15	21°35	M16
T 17	20 7 56	1° 0'09	16°23	24°11	18° 8	5°59	29°38	4°56	1°54	6°42	15°15	24°22	25°30	26°22	21°33	T 17
W18	20 11 52	1°57'37	1♌36	25°39	19°22	6°38	29°37	4°55	1°52	6°41	15°14	24°20	25°27	26°29	21°30	W18
T 19	20 15 49	2°55'06	16°45	27° 5	20°36	7°18	29°37	4°54	1°50	6°40	15°13	24°19	25°24	26°35	21°28	T 19
F 20	20 19 45	3°52'35	1♍42	28°30	21°49	7°57	29°D37	4°53	1°48	6°40	15°13	24°D19	25°21	26°42	21°25	F 20
S 21	20 23 42	4°50'06	16°20	29°52	23° 3	8°36	29°37	4°52	1°47	6°39	15°12	24°20	25°18	26°49	21°23	S 21
S 22	20 27 38	5°47'37	0♎33	1♍13	24°17	9°15	29°38	4°51	1°45	6°38	15°11	24°21	25°14	26°55	21°21	S 22
M23	20 31 35	6°45'10	14°19	2°32	25°30	9°54	29°38	4°49	1°43	6°38	15°10	24°22	25°11	27° 2	21°19	M23
T 24	20 35 31	7°42'43	27°40	3°49	26°44	10°33	29°39	4°48	1°41	6°37	15° 9	24°23	25° 8	27° 9	21°17	T 24
W25	20 39 28	8°40'17	10♏38	5° 4	27°57	11°12	29°40	4°47	1°39	6°36	15° 8	24°R23	25° 5	27°15	21°15	W25
T 26	20 43 25	9°37'52	23°15	6°17	29°11	11°51	29°41	4°45	1°37	6°36	15° 7	24°23	25° 2	27°22	21°13	T 26
F 27	20 47 21	10°35'28	5♐35	7°27	0♍25	12°30	29°42	4°43	1°36	6°35	15° 6	24°21	24°58	27°29	21°11	F 27
S 28	20 51 18	11°33'05	17°42	8°36	1°38	13° 9	29°43	4°42	1°34	6°35	15° 5	24°20	24°55	27°35	21° 9	S 28
S 29	20 55 14	12°30'44	29°40	9°42	2°52	13°48	29°45	4°40	1°32	6°35	15° 4	24°18	24°52	27°42	21° 7	S 29
M30	20 59 11	13°28'23	11♑33	10°46	4° 6	14°27	29°47	4°38	1°31	6°34	15° 3	24°17	24°49	27°49	21° 6	M30
T 31	21 3 7	14♌26'04	23♑22	11♍47	5♍19	15♋ 6	29♏48	4♈36	1♑29	6♐34	15♓ 2	24♒15	24♒46	27♑55	21♐ 4	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n36	27s50	4s39	22n41	1n50	21n51	1n20	24n 0	0n33	19s36	0n41	0s17	2s27	23s49	0s19	20s 1	1n34	20s 4	15s36	13s17	12s47	23s57	17s13	6n 6
M 2	22 29	27 35	4 5	22 17	1 49	21 36	1 21	24 2	0 33	19 36	0 40	0 17	2 27	23 49	0 19	20 1	1 34	20 5	15 36	13 19	12 48	23 55	17 13	6 6
T 3	22 22	26 3	3 20	21 51	1 47	21 21	1 22	24 3	0 34	19 35	0 40	0 17	2 27	23 49	0 19	20 0	1 34	20 5	15 36	13 21	12 49	23 53	17 13	6 6
W 4	22 14	23 22	2 27	21 23	1 45	21 6	1 23	24 5	0 35	19 35	0 40	0 17	2 27	23 49	0 19	20 0	1 34	20 6	15 37	13 23	12 50	23 51	17 13	6 6
T 5	22 6	19 43	1 28	20 55	1 42	20 50	1 24	24 6	0 35	19 34	0 40	0 17	2 28	23 49	0 19	20 0	1 34	20 6	15 37	13 24	12 51	23 49	17 13	6 6
F 6	21 58	15 16	0 25	20 25	1 39	20 33	1 25	24 7	0 36	19 34	0 39	0 17	2 28	23 49	0 19	20 0	1 34	20 7	15 37	13 24	12 52	23 47	17 13	6 5
S 7	21 49	10 13	0n40	19 53	1 35	20 16	1 26	24 8	0 36	19 34	0 39	0 17	2 28	23 49	0 19	20 0	1 34	20 7	15 38	13 24	12 53	23 46	17 13	6 5
S 8	21 40	4 46	1 44	19 21	1 31	19 58	1 26	24 9	0 37	19 33	0 39	0 17	2 29	23 49	0 19	20 0	1 33	20 8	15 38	13 24	12 54	23 44	17 13	6 5
M 9	21 30	0n57	2 44	18 48	1 26	19 39	1 27	24 9	0 38	19 33	0 39	0 18	2 29	23 49	0 19	20 0	1 33	20 9	15 38	13 23	12 55	23 42	17 13	6 5
T 10	21 20	6 43	3 38	18 14	1 21	19 20	1 28	24 10	0 38	19 33	0 39	0 18	2 29	23 49	0 19	20 0	1 33	20 9	15 38	13 23	12 57	23 40	17 13	6 5
W11	21 10	12 23	4 23	17 40	1 15	19 1	1 28	24 10	0 39	19 33	0 38	0 18	2 29	23 49	0 19	19 59	1 33	20 10	15 39	13 22	12 58	23 38	17 13	6 4
T 12	20 59	17 39	4 55	17 5	1 9	18 41	1 29	24 9	0 39	19 33	0 38	0 18	2 30	23 50	0 19	19 59	1 33	20 10	15 39	13 23	12 59	23 36	17 13	6 4
F 13	20 48	22 14	5 12	16 29	1 2	18 20	1 29	24 9	0 40	19 33	0 38	0 19	2 30	23 50	0 19	19 59	1 33	20 11	15 39	13 23	13 0	23 33	17 13	6 4
S 14	20 37	25 43	5 11	15 53	0 56	17 59	1 29	24 9	0 40	19 33	0 38	0 19	2 30	23 50	0 19	19 59	1 33	20 11	15 40	13 24	13 1	23 31	17 13	6 4
S 15	20 25	27 40	4 51	15 16	0 48	17 37	1 30	24 8	0 41	19 33	0 37	0 20	2 30	23 50	0 19	19 59	1 33	20 12	15 40	13 25	13 2	23 29	17 13	6 3
M16	20 13	27 43	4 12	14 39	0 41	17 15	1 30	24 7	0 42	19 33	0 37	0 20	2 31	23 50	0 19	19 59	1 33	20 12	15 40	13 26	13 3	23 27	17 13	6 3
T 17	20 1	25 44	3 14	14 2	0 33	16 53	1 30	24 6	0 42	19 33	0 37	0 21	2 31	23 50	0 19	19 59	1 33	20 13	15 40	13 27	13 4	23 25	17 13	6 3
W18	19 48	21 52	2 2	13 25	0 25	16 30	1 30	24 4	0 43	19 33	0 37	0 21	2 31	23 50	0 19	19 59	1 33	20 14	15 41	13 28	13 5	23 23	17 13	6 3
T 19	19 35	16 32	0 42	12 47	0 16	16 6	1 30	24 3	0 43	19 33	0 37	0 22	2 32	23 50	0 19	19 59	1 33	20 14	15 41	13 28	13 6	23 21	17 14	6 2
F 20	19 21	10 16	0s41	12 10	0 8	15 42	1 30	24 1	0 44	19 33	0 36	0 22	2 32	23 50	0 19	19 59	1 33	20 15	15 41	13 28	13 7	23 19	17 14	6 2
S 21	19 8	3 36	1 59	11 33	0s 1	15 18	1 30	23 59	0 44	19 33	0 36	0 23	2 32	23 50	0 19	19 59	1 33	20 15	15 42	13 28	13 8	23 17	17 14	6 2
S 22	18 54	3s 4	3 7	10 55	0 10	14 53	1 30	23 57	0 45	19 34	0 36	0 24	2 32	23 50	0 19	19 58	1 33	20 16	15 42	13 27	13 9	23 15	17 14	6 2
M23	18 39	9 23	4 2	10 18	0 20	14 28	1 29	23 55	0 46	19 34	0 36	0 25	2 33	23 50	0 19	19 58	1 33	20 16	15 42	13 27	13 10	23 13	17 14	6 1
T 24	18 25	15 5	4 43	9 42	0 29	14 3	1 29	23 53	0 46	19 34	0 35	0 25	2 33	23 50	0 19	19 58	1 33	20 17	15 42	13 27	13 12	23 11	17 14	6 1
W25	18 10	19 55	5 7	9 5	0 39	13 37	1 29	23 50	0 47	19 35	0 35	0 26	2 33	23 50	0 19	19 58	1 33	20 18	15 43	13 27	13 13	23 9	17 15	6 1
T 26	17 54	23 45	5 16	8 29	0 49	13 11	1 28	23 47	0 47	19 35	0 35	0 27	2 33	23 50	0 19	19 58	1 33	20 18	15 43	13 27	13 14	23 7	17 15	6 0
F 27	17 39	26 24	5 10	7 54	0 59	12 44	1 28	23 44	0 48	19 36	0 35	0 28	2 34	23 50	0 19	19 58	1 33	20 19	15 43	13 27	13 15	23 5	17 15	6 0
S 28	17 23	27 47	4 51	7 19	1 9	12 17	1 27	23 41	0 48	19 36	0 35	0 29	2 34	23 50	0 19	19 58	1 32	20 19	15 43	13 28	13 16	23 3	17 15	6 0
S 29	17 7	27 50	4 18	6 44	1 19	11 50	1 26	23 37	0 49	19 37	0 34	0 30	2 34	23 50	0 19	19 58	1 32	20 20	15 43	13 28	13 17	23 0	17 15	5 59
M30	16 50	26 36	3 35	6 10	1 30	11 22	1 26	23 34	0 50	19 37	0 34	0 31	2 35	23 50	0 19	19 58	1 32	20 21	15 44	13 29	13 18	22 58	17 16	5 59
T 31	16n34	24s10	2s43	5n38	1s40	10n55	1n25	23n30	0n50	19s38	0n34	0s32	2s35	23s50	0s19	19s58	1n32	20s21	15s44	13s29	13s19	22s56	17s16	5n59

Julian Day Number = 2203003.5, Delta T = 09m54s
Ecliptic obliquity = 23°31'47, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°14'57, Lahiri = 14°21'57 Julian Calendar 1 July 1319 == Greg. Calendar 9 July 1319

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ASTRODIENST EPHEMERIS for the year 1319
geocentric

AUGUST 1319 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	21 7 4	15♌23'45	5♒11	12♍46	6♍33	15♋44	29♏51	4°R33	1°R28	6°R33	15°R 1	24°R14	24♒43	28♉ 2	21°R 3	W 1
T 2	21 11 0	16°21'28	17° 2	13°41	7°46	16°23	29°53	4♈31	1♉26	6♐33	15♓ 0	24♒14	24°39	28° 9	21♐ 1	T 2
F 3	21 14 57	17°19'13	28°57	14°34	9° 0	17° 2	29°55	4°29	1°25	6°33	14°59	24°D14	24°36	28°15	21° 0	F 3
S 4	21 18 54	18°16'59	10♓59	15°24	10°13	17°40	29°58	4°26	1°23	6°33	14°58	24°14	24°33	28°22	20°59	S 4
S 5	21 22 50	19°14'47	23° 9	16°11	11°27	18°19	0♐ 1	4°24	1°22	6°32	14°57	24°15	24°30	28°29	20°58	S 5
M 6	21 26 47	20°12'36	5♈29	16°54	12°40	18°57	0° 4	4°21	1°21	6°32	14°56	24°15	24°27	28°35	20°57	M 6
T 7	21 30 43	21°10'27	18° 4	17°33	13°54	19°36	0° 7	4°19	1°19	6°32	14°55	24°15	24°23	28°42	20°56	T 7
W 8	21 34 40	22° 8'19	0♉54	18° 9	15° 7	20°14	0°10	4°16	1°18	6°32	14°54	24°16	24°20	28°49	20°55	W 8
T 9	21 38 36	23° 6'14	14° 3	18°40	16°21	20°53	0°14	4°13	1°17	6°32	14°53	24°16	24°17	28°55	20°54	T 9
F 10	21 42 33	24° 4'10	27°33	19° 7	17°34	21°31	0°18	4°10	1°16	6°32	14°52	24°16	24°14	29° 2	20°53	F 10
S 11	21 46 29	25° 2'09	11♊25	19°30	18°48	22° 9	0°21	4° 7	1°15	6°D32	14°50	24°16	24°11	29° 9	20°52	S 11
S 12	21 50 26	26° 0'09	25°38	19°47	20° 1	22°48	0°26	4° 4	1°14	6°32	14°49	24°16	24° 8	29°15	20°52	S 12
M13	21 54 23	26°58'12	10♋12	20° 0	21°15	23°26	0°30	4° 1	1°13	6°32	14°48	24°16	24° 4	29°22	20°51	M13
T 14	21 58 19	27°56'16	25° 2	20° 7	22°28	24° 4	0°34	3°57	1°12	6°32	14°47	24°16	24° 1	29°28	20°51	T 14
W15	22 2 16	28°54'22	10♌ 1	20°R 8	23°42	24°42	0°39	3°54	1°11	6°32	14°46	24°17	23°58	29°35	20°51	W15
T 16	22 6 12	29°52'30	25° 2	20° 3	24°55	25°20	0°43	3°50	1°10	6°32	14°45	24°R17	23°55	29°42	20°50	T 16
F 17	22 10 9	0♍50'39	9♍56	19°52	26° 9	25°58	0°48	3°47	1° 9	6°32	14°44	24°17	23°52	29°48	20°50	F 17
S 18	22 14 5	1°48'50	24°35	19°35	27°22	26°36	0°53	3°43	1° 8	6°32	14°42	24°16	23°49	29°55	20°D50	S 18
S 19	22 18 2	2°47'03	8♎54	19°11	28°35	27°14	0°59	3°40	1° 7	6°33	14°41	24°15	23°45	0♒ 2	20°50	S 19
M20	22 21 58	3°45'17	22°48	18°41	29°49	27°52	1° 4	3°36	1° 7	6°33	14°40	24°14	23°42	0° 8	20°50	M20
T 21	22 25 55	4°43'33	6♏15	18° 5	1♎ 2	28°30	1° 9	3°32	1° 6	6°33	14°39	24°13	23°39	0°15	20°51	T 21
W22	22 29 52	5°41'51	19°17	17°23	2°15	29° 8	1°15	3°28	1° 5	6°34	14°38	24°12	23°36	0°22	20°51	W22
T 23	22 33 48	6°40'10	1♐57	16°35	3°29	29°46	1°21	3°24	1° 5	6°34	14°36	24°D11	23°33	0°28	20°51	T 23
F 24	22 37 45	7°38'31	14°17	15°43	4°42	0♑24	1°27	3°20	1° 4	6°34	14°35	24°11	23°29	0°35	20°52	F 24
S 25	22 41 41	8°36'54	26°23	14°46	5°55	1° 1	1°33	3°16	1° 4	6°35	14°34	24°12	23°26	0°42	20°52	S 25
S 26	22 45 38	9°35'18	8♑18	13°46	7° 9	1°39	1°39	3°12	1° 4	6°35	14°33	24°13	23°23	0°48	20°53	S 26
M27	22 49 34	10°33'43	20° 8	12°45	8°22	2°17	1°46	3° 8	1° 3	6°36	14°32	24°15	23°20	0°55	20°54	M27
T 28	22 53 31	11°32'11	1♒57	11°43	9°35	2°54	1°52	3° 4	1° 3	6°36	14°30	24°16	23°17	1° 2	20°54	T 28
W29	22 57 27	12°30'40	13°47	10°42	10°48	3°32	1°59	3° 0	1° 3	6°37	14°29	24°17	23°14	1° 8	20°55	W29
T 30	23 1 24	13°29'11	25°44	9°43	12° 2	4° 9	2° 6	2°55	1° 2	6°37	14°28	24°R17	23°10	1°15	20°56	T 30
F 31	23 5 21	14♍27'44	7♓48	8♍48	13♎15	4♌47	2♐13	2♈51	1♉ 2	6♐38	14♓27	24♒17	23♒ 7	1♒22	20♐57	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
W 1	16n17	20s43	1s44	5n 5	1s51	10n26	1n24	23n26	0n51	19s39	0n34	0s33	2s35	23s50	0s19	19s58	1n32	20s22	15s44	13s30	13s20	22s54	17s16	5n58	
T 2	16 0	16 25	0 40	4 34	2 1	9 58	1 23	23 22	0 51	19 39	0 34	0 34	2 35	23 50	0 19	19 58	1 32	20 22	15 44	13 30	13 21	22 52	17 16	5 58	
F 3	15 42	11 28	0n26	4 4	2 12	9 29	1 22	23 18	0 52	19 40	0 33	0 35	2 36	23 50	0 19	19 58	1 32	20 23	15 44	13 30	13 22	22 50	17 17	5 58	
S 4	15 24	6 4	1 32	3 35	2 22	9 1	1 21	23 13	0 52	19 41	0 33	0 37	2 36	23 50	0 19	19 58	1 32	20 24	15 45	13 30	13 23	22 48	17 17	5 57	
S 5	15 6	0 23	2 34	3 8	2 33	8 31	1 20	23 9	0 53	19 42	0 33	0 38	2 36	23 50	0 19	19 58	1 32	20 24	15 45	13 29	13 24	22 45	17 17	5 57	
M 6	14 48	5n24	3 30	2 42	2 43	8 2	1 18	23 4	0 53	19 43	0 33	0 39	2 36	23 50	0 19	19 58	1 32	20 25	15 45	13 29	13 25	22 43	17 18	5 56	
T 7	14 30	11 3	4 17	2 17	2 53	7 32	1 17	22 59	0 54	19 43	0 32	0 40	2 36	23 50	0 19	19 58	1 32	20 25	15 45	13 29	13 26	22 41	17 18	5 56	
W 8	14 11	16 23	4 52	1 54	3 3	7 3	1 16	22 54	0 55	19 44	0 32	0 42	2 37	23 50	0 19	19 58	1 32	20 26	15 45	13 29	13 28	22 39	17 18	5 56	
T 9	13 52	21 5	5 13	1 33	3 13	6 33	1 14	22 49	0 55	19 45	0 32	0 43	2 37	23 50	0 19	19 58	1 32	20 26	15 46	13 29	13 29	22 37	17 18	5 55	
F 10	13 33	24 50	5 17	1 14	3 22	6 3	1 13	22 43	0 56	19 46	0 32	0 44	2 37	23 50	0 19	19 58	1 32	20 27	15 46	13 29	13 30	22 35	17 19	5 55	
S 11	13 14	27 15	5 4	0 56	3 31	5 32	1 11	22 37	0 56	19 47	0 32	0 46	2 37	23 50	0 19	19 58	1 32	20 28	15 46	13 29	13 31	22 32	17 19	5 55	
S 12	12 54	27 59	4 31	0 42	3 39	5 2	1 10	22 32	0 57	19 48	0 31	0 47	2 38	23 50	0 19	19 59	1 32	20 28	15 46	13 29	13 32	22 30	17 19	5 54	
M13	12 34	26 49	3 41	0 30	3 47	4 31	1 8	22 26	0 57	19 49	0 31	0 49	2 38	23 50	0 19	19 59	1 32	20 29	15 46	13 29	13 33	22 28	17 20	5 54	
T 14	12 14	23 45	2 35	0 20	3 55	4 1	1 6	22 20	0 58	19 50	0 31	0 50	2 38	23 50	0 19	19 59	1 32	20 29	15 46	13 29	13 34	22 26	17 20	5 53	
W15	11 54	19 4	1 18	0 13	4 2	3 30	1 4	22 13	0 58	19 52	0 31	0 52	2 38	23 50	0 19	19 59	1 31	20 30	15 46	13 29	13 35	22 24	17 21	5 53	
T 16	11 34	13 10	0s 4	0 10	4 7	2 59	1 2	22 7	0 59	19 53	0 31	0 53	2 38	23 50	0 19	19 59	1 31	20 30	15 46	13 29	13 36	22 22	17 21	5 53	
F 17	11 13	6 33	1 26	0 10	4 12	2 28	1 0	22 0	0 59	19 54	0 30	0 55	2 39	23 50	0 19	19 59	1 31	20 31	15 47	13 29	13 37	22 19	17 21	5 52	
S 18	10 52	0s18	2 40	0 13	4 16	1 57	0 58	21 54	1 0	19 55	0 30	0 57	2 39	23 50	0 19	19 59	1 31	20 32	15 47	13 29	13 38	22 17	17 22	5 52	
S 19	10 31	6 57	3 43	0 20	4 18	1 26	0 56	21 47	1 1	19 57	0 30	0 58	2 39	23 50	0 19	19 59	1 31	20 32	15 47	13 29	13 39	22 15	17 22	5 51	
M20	10 10	13 5	4 31	0 31	4 19	0 54	0 54	21 40	1 1	19 58	0 30	1 0	2 39	23 50	0 19	19 59	1 31	20 33	15 47	13 30	13 40	22 13	17 23	5 51	
T 21	9 49	18 23	5 2	0 45	4 19	0 23	0 52	21 33	1 2	19 59	0 30	1 1	2 39	23 50	0 19	19 59	1 31	20 33	15 47	13 30	13 41	22 10	17 23	5 51	
W22	9 27	22 40	5 16	1 4	4 17	0s 8	0 50	21 25	1 2	20 0	0 29	1 3	2 40	23 50	0 19	19 59	1 31	20 34	15 47	13 30	13 42	22 8	17 23	5 50	
T 23	9 6	25 45	5 14	1 26	4 13	0 40	0 48	21 18	1 3	20 2	0 29	1 5	2 40	23 50	0 19	20 0	1 31	20 34	15 47	13 30	13 43	22 6	17 24	5 50	
F 24	8 44	27 32	4 58	1 52	4 7	1 11	0 45	21 10	1 3	20 3	0 29	1 7	2 40	23 50	0 19	20 0	1 31	20 35	15 47	13 30	13 44	22 4	17 24	5 49	
S 25	8 22	27 57	4 28	2 21	3 59	1 42	0 43	21 3	1 4	20 5	0 29	1 8	2 40	23 50	0 19	20 0	1 31	20 35	15 47	13 30	13 45	22 1	17 25	5 49	
S 26	8 0	27 4	3 48	2 52	3 49	2 14	0 41	20 55	1 4	20 6	0 29	1 10	2 40	23 50	0 19	20 0	1 31	20 36	15 47	13 30	13 46	21 59	17 25	5 48	
M27	7 38	24 57	2 58	3 27	3 38	2 45	0 38	20 47	1 5	20 8	0 28	1 12	2 40	23 50	0 19	20 0	1 31	20 37	15 47	13 29	13 48	21 57	17 26	5 48	
T 28	7 16	21 45	2 0	4 3	3 24	3 16	0 36	20 39	1 5	20 9	0 28	1 14	2 40	23 50	0 19	20 0	1 31	20 37	15 47	13 29	13 49	21 55	17 26	5 48	
W29	6 53	17 40	0 58	4 40	3 9	3 47	0 33	20 30	1 6	20 11	0 28	1 16	2 41	23 50	0 19	20 0	1 31	20 38	15 47	13 29	13 50	21 52	17 27	5 47	
T 30	6 31	12 52	0n 8	5 18	2 52	4 18	0 30	20 22	1 6	20 12	0 28	1 17	2 41	23 50	0 19	20 1	1 31	20 38	15 47	13 28	13 51	21 50	17 27	5 47	
F 31	6n 8	7s32	1n14	5n55	2s35	4s49	0n28	20n14	1n 7	20s14	0n28	1s19	2s41	23s50	0s19	20s 1	1n31	20s39	15s48	13s29	13s52	21s48	17s28	5n46	

Julian Day Number = 2203034.5, Delta T = 09m54s
Ecliptic obliquity = 23°31'47, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°15'01, Lahiri = 14°22'01 Julian Calendar 1 Aug. 1319 == Greg. Calendar 9 Aug. 1319

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ASTRODIENST EPHEMERIS for the year 1319
geocentric

SEPTEMBER 1319 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	23 9 17	15♍26'18	20♓ 2	7°R58	14♎28	5♌24	2♐20	2°R47	1°R 2	6♐39	14°R25	24°R15	23♒ 4	1♒28	20♐59	S 1
S 2	23 13 14	16°24'55	2♈27	7♍15	15°41	6° 1	2°27	2♈42	1♉ 2	6°39	14♓24	24♒13	23° 1	1°35	21° 0	S 2
M 3	23 17 10	17°23'34	15° 5	6°39	16°54	6°39	2°35	2°38	1°D 2	6°40	14°23	24° 9	22°58	1°42	21° 1	M 3
T 4	23 21 7	18°22'14	27°56	6°12	18° 7	7°16	2°42	2°33	1° 2	6°41	14°22	24° 5	22°55	1°48	21° 2	T 4
W 5	23 25 3	19°20'57	11♉ 0	5°55	19°20	7°53	2°50	2°29	1° 2	6°42	14°21	24° 2	22°51	1°55	21° 4	W 5
T 6	23 29 0	20°19'43	24°19	5°D47	20°33	8°30	2°58	2°24	1° 2	6°43	14°19	23°59	22°48	2° 2	21° 6	T 6
F 7	23 32 56	21°18'30	7♊52	5°49	21°46	9° 7	3° 6	2°20	1° 2	6°43	14°18	23°57	22°45	2° 8	21° 7	F 7
S 8	23 36 53	22°17'21	21°40	6° 1	22°59	9°44	3°14	2°15	1° 3	6°44	14°17	23°D56	22°42	2°15	21° 9	S 8
S 9	23 40 49	23°16'13	5♋42	6°23	24°12	10°21	3°22	2°10	1° 3	6°45	14°16	23°57	22°39	2°22	21°11	S 9
M10	23 44 46	24°15'08	19°58	6°54	25°25	10°58	3°31	2° 6	1° 3	6°46	14°15	23°58	22°35	2°28	21°13	M10
T 11	23 48 43	25°14'05	4♌26	7°34	26°38	11°35	3°39	2° 1	1° 4	6°47	14°13	23°59	22°32	2°35	21°15	T 11
W12	23 52 39	26°13'04	19° 2	8°24	27°51	12°12	3°48	1°56	1° 4	6°48	14°12	24°R 0	22°29	2°42	21°17	W12
T 13	23 56 36	27°12'06	3♍41	9°20	29° 4	12°49	3°57	1°52	1° 5	6°49	14°11	24° 0	22°26	2°48	21°19	T 13
F 14	0 0 32	28°11'09	18°17	10°25	0♏17	13°26	4° 5	1°47	1° 5	6°50	14°10	23°58	22°23	2°55	21°21	F 14
S 15	0 4 29	29°10'15	2♎45	11°36	1°30	14° 3	4°14	1°42	1° 6	6°51	14° 9	23°55	22°20	3° 1	21°23	S 15
S 16	0 8 25	0♎ 9'23	16°57	12°52	2°43	14°39	4°23	1°38	1° 7	6°52	14° 7	23°49	22°16	3° 8	21°26	S 16
M17	0 12 22	1° 8'33	0♏50	14°14	3°56	15°16	4°33	1°33	1° 7	6°54	14° 6	23°43	22°13	3°15	21°28	M17
T 18	0 16 18	2° 7'45	14°18	15°40	5° 9	15°53	4°42	1°28	1° 8	6°55	14° 5	23°37	22°10	3°21	21°31	T 18
W19	0 20 15	3° 6'59	27°23	17°10	6°21	16°29	4°51	1°23	1° 9	6°56	14° 4	23°32	22° 7	3°28	21°34	W19
T 20	0 24 12	4° 6'14	10♐ 5	18°43	7°34	17° 6	5° 1	1°19	1°10	6°57	14° 3	23°27	22° 4	3°35	21°36	T 20
F 21	0 28 8	5° 5'32	22°27	20°19	8°47	17°42	5°11	1°14	1°11	6°58	14° 2	23°25	22° 1	3°41	21°39	F 21
S 22	0 32 5	6° 4'51	4♑34	21°57	10° 0	18°18	5°21	1° 9	1°12	7° 0	14° 1	23°D24	21°57	3°48	21°42	S 22
S 23	0 36 1	7° 4'12	16°29	23°37	11°12	18°55	5°30	1° 4	1°13	7° 1	14° 0	23°24	21°54	3°55	21°45	S 23
M24	0 39 58	8° 3'35	28°18	25°18	12°25	19°31	5°40	1° 0	1°14	7° 2	13°58	23°25	21°51	4° 1	21°48	M24
T 25	0 43 54	9° 3'00	10♒ 7	27° 0	13°38	20° 7	5°50	0°55	1°15	7° 4	13°57	23°27	21°48	4° 8	21°51	T 25
W26	0 47 51	10° 2'26	22° 0	28°43	14°50	20°43	6° 1	0°50	1°16	7° 5	13°56	23°R28	21°45	4°15	21°54	W26
T 27	0 51 47	11° 1'55	4♓ 1	0♎26	16° 3	21°20	6°11	0°46	1°17	7° 7	13°55	23°27	21°41	4°21	21°57	T 27
F 28	0 55 44	12° 1'25	16°14	2°10	17°15	21°56	6°21	0°41	1°18	7° 8	13°54	23°24	21°38	4°28	22° 1	F 28
S 29	0 59 41	13° 0'57	28°42	3°54	18°28	22°32	6°32	0°37	1°20	7°10	13°53	23°19	21°35	4°35	22° 4	S 29
S 30	1 3 37	14♎ 0'31	11♈25	5♎38	19♏40	23♌ 8	6♐42	0♈32	1♉21	7♐11	13♓52	23♒13	21♒32	4♒41	22♐ 8	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	5n46	1s52	2n17	6n31	2s16	5s20	0n25	20n 5	1n 8	20s15	0n28	1s21	2s41	23s50	0s19	20s 1	1n31	20s39	15s48	13s29	13s53	21s45	17s28	5n46
S 2	5 23	3n58	3 15	7 5	1 56	5 51	0 22	19 56	1 8	20 17	0 27	1 23	2 41	23 50	0 19	20 1	1 30	20 40	15 48	13 30	13 54	21 43	17 29	5 46
M 3	5 0	9 43	4 4	7 37	1 36	6 22	0 20	19 47	1 9	20 19	0 27	1 25	2 41	23 50	0 19	20 1	1 30	20 40	15 48	13 31	13 55	21 41	17 29	5 45
T 4	4 37	15 10	4 42	8 5	1 16	6 52	0 17	19 38	1 9	20 20	0 27	1 27	2 41	23 50	0 19	20 1	1 30	20 41	15 48	13 33	13 56	21 39	17 30	5 45
W 5	4 14	20 1	5 6	8 30	0 57	7 23	0 14	19 29	1 10	20 22	0 27	1 29	2 41	23 50	0 19	20 2	1 30	20 41	15 48	13 34	13 57	21 36	17 30	5 44
T 6	3 51	23 59	5 14	8 51	0 38	7 53	0 11	19 20	1 10	20 24	0 27	1 30	2 41	23 50	0 18	20 2	1 30	20 41	15 48	13 35	13 58	21 34	17 31	5 44
F 7	3 28	26 43	5 5	9 7	0 19	8 23	0 8	19 11	1 11	20 25	0 27	1 32	2 42	23 50	0 18	20 2	1 30	20 42	15 47	13 35	13 59	21 32	17 31	5 43
S 8	3 4	27 53	4 38	9 19	0 2	8 53	0 5	19 1	1 11	20 27	0 26	1 34	2 42	23 50	0 18	20 2	1 30	20 42	15 47	13 36	14 0	21 29	17 32	5 43
S 9	2 41	27 18	3 54	9 26	0n15	9 23	0 2	18 52	1 12	20 29	0 26	1 36	2 42	23 50	0 18	20 2	1 30	20 43	15 47	13 35	14 1	21 27	17 32	5 43
M10	2 17	24 56	2 56	9 29	0 30	9 53	0s 1	18 42	1 12	20 31	0 26	1 38	2 42	23 50	0 18	20 3	1 30	20 43	15 47	13 35	14 2	21 25	17 33	5 42
T 11	1 54	20 56	1 45	9 27	0 44	10 22	0 4	18 32	1 13	20 32	0 26	1 40	2 42	23 50	0 18	20 3	1 30	20 44	15 47	13 35	14 3	21 22	17 33	5 42
W12	1 31	15 36	0 27	9 20	0 57	10 51	0 7	18 23	1 13	20 34	0 26	1 42	2 42	23 50	0 18	20 3	1 30	20 44	15 47	13 34	14 4	21 20	17 34	5 41
T 13	1 7	9 23	0s53	9 9	1 9	11 20	0 10	18 13	1 14	20 36	0 25	1 44	2 42	23 50	0 18	20 3	1 30	20 44	15 47	13 34	14 5	21 18	17 34	5 41
F 14	0 43	2 40	2 9	8 54	1 19	11 49	0 13	18 3	1 15	20 38	0 25	1 46	2 42	23 50	0 18	20 3	1 30	20 45	15 47	13 35	14 6	21 15	17 35	5 41
S 15	0 20	4s 5	3 16	8 35	1 28	12 17	0 16	17 52	1 15	20 40	0 25	1 48	2 42	23 50	0 18	20 4	1 30	20 45	15 47	13 36	14 7	21 13	17 35	5 40
S 16	0s 4	10 31	4 9	8 13	1 35	12 46	0 19	17 42	1 16	20 41	0 25	1 50	2 42	23 50	0 18	20 4	1 30	20 46	15 47	13 38	14 8	21 10	17 36	5 40
M17	0 27	16 16	4 46	7 47	1 41	13 13	0 22	17 32	1 16	20 43	0 25	1 52	2 42	23 50	0 18	20 4	1 30	20 46	15 47	13 40	14 9	21 8	17 36	5 39
T 18	0 51	21 4	5 6	7 18	1 47	13 41	0 25	17 21	1 17	20 45	0 25	1 54	2 42	23 50	0 18	20 4	1 30	20 46	15 47	13 42	14 10	21 6	17 37	5 39
W19	1 15	24 40	5 10	6 47	1 51	14 8	0 28	17 11	1 17	20 47	0 25	1 55	2 42	23 50	0 18	20 5	1 30	20 47	15 47	13 44	14 11	21 3	17 38	5 39
T 20	1 38	26 57	4 58	6 13	1 54	14 35	0 32	17 0	1 18	20 49	0 24	1 57	2 42	23 50	0 18	20 5	1 29	20 47	15 47	13 45	14 13	21 1	17 38	5 38
F 21	2 2	27 50	4 32	5 37	1 56	15 2	0 35	16 50	1 18	20 51	0 24	1 59	2 42	23 50	0 18	20 5	1 29	20 47	15 47	13 46	14 14	20 59	17 39	5 38
S 22	2 25	27 21	3 54	4 59	1 57	15 28	0 38	16 39	1 19	20 53	0 24	2 1	2 42	23 50	0 18	20 5	1 29	20 48	15 46	13 46	14 15	20 56	17 39	5 38
S 23	2 49	25 36	3 7	4 20	1 57	15 54	0 41	16 28	1 19	20 55	0 24	2 3	2 42	23 50	0 18	20 6	1 29	20 48	15 46	13 46	14 16	20 54	17 40	5 37
M24	3 13	22 44	2 12	3 39	1 56	16 19	0 44	16 17	1 20	20 57	0 24	2 5	2 42	23 50	0 18	20 6	1 29	20 48	15 46	13 46	14 17	20 51	17 40	5 37
T 25	3 36	18 56	1 12	2 57	1 55	16 45	0 47	16 6	1 20	20 59	0 24	2 7	2 42	23 50	0 18	20 6	1 29	20 49	15 46	13 45	14 18	20 49	17 41	5 36
W26	3 59	14 21	0 8	2 15	1 53	17 9	0 50	15 55	1 21	21 0	0 23	2 9	2 42	23 50	0 18	20 7	1 29	20 49	15 46	13 45	14 19	20 47	17 41	5 36
T 27	4 23	9 11	0n57	1 31	1 51	17 34	0 54	15 44	1 21	21 2	0 23	2 10	2 42	23 50	0 18	20 7	1 29	20 49	15 46	13 45	14 20	20 44	17 42	5 36
F 28	4 46	3 37	2 0	0 47	1 48	17 57	0 57	15 33	1 22	21 4	0 23	2 12	2 42	23 50	0 18	20 7	1 29	20 50	15 46	13 46	14 21	20 42	17 43	5 35
S 29	5 10	2n12	2 58	0 2	1 44	18 21	1 0	15 21	1 23	21 6	0 23	2 14	2 42	23 50	0 18	20 7	1 29	20 50	15 45	13 48	14 22	20 39	17 43	5 35
S 30	5s33	8n 2	3n49	0s43	1n40	18s44	1s 3	15n10	1n23	21s 8	0n23	2s16	2s42	23s50	0s18	20s 8	1n29	20s50	15s45	13s50	14s23	20s37	17s44	5n35

Julian Day Number = 2203065.5, Delta T = 09m54s
Ecliptic obliquity = 23°31'47, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°15'05, Lahiri = 14°22'06 Julian Calendar 1 Sept. 1319 == Greg. Calendar 9 Sept. 1319

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ASTRODIENST EPHEMERIS for the year 1319
geocentric

OCTOBER 1319 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	1 7 34	15♎ 0'08	24♈25	7♎21	20♏53	23♌44	6♐53	0°R27	1♑22	7♐13	13°R51	23°R 4	21♒29	4♒48	22♐11	M 1
T 2	1 11 30	15°59'46	7♉39	9° 5	22° 5	24°19	7° 4	0♈23	1°24	7°14	13♓50	22♒55	21°26	4°55	22°15	T 2
W 3	1 15 27	16°59'27	21° 7	10°48	23°18	24°55	7°15	0°19	1°25	7°16	13°49	22°45	21°22	5° 1	22°18	W 3
T 4	1 19 23	17°59'09	4♊46	12°30	24°30	25°31	7°26	0°14	1°27	7°17	13°48	22°37	21°19	5° 8	22°22	T 4
F 5	1 23 20	18°58'54	18°34	14°13	25°42	26° 7	7°37	0°10	1°29	7°19	13°47	22°31	21°16	5°14	22°26	F 5
S 6	1 27 16	19°58'42	2♋29	15°55	26°55	26°42	7°48	0° 5	1°30	7°21	13°46	22°28	21°13	5°21	22°30	S 6
S 7	1 31 13	20°58'32	16°30	17°36	28° 7	27°18	7°59	0° 1	1°32	7°22	13°45	22°D26	21°10	5°28	22°34	S 7
M 8	1 35 10	21°58'24	0♌35	19°17	29°19	27°53	8°10	29♓57	1°34	7°24	13°44	22°26	21° 6	5°34	22°38	M 8
T 9	1 39 6	22°58'18	14°45	20°57	0♐31	28°29	8°22	29°53	1°35	7°26	13°43	22°27	21° 3	5°41	22°42	T 9
W10	1 43 3	23°58'14	28°57	22°37	1°43	29° 4	8°33	29°49	1°37	7°28	13°42	22°R27	21° 0	5°48	22°46	W10
T 11	1 46 59	24°58'13	13♍10	24°16	2°56	29°39	8°45	29°45	1°39	7°29	13°42	22°25	20°57	5°54	22°50	T 11
F 12	1 50 56	25°58'14	27°21	25°55	4° 8	0♍15	8°57	29°41	1°41	7°31	13°41	22°21	20°54	6° 1	22°54	F 12
S 13	1 54 52	26°58'16	11♎25	27°33	5°20	0°50	9° 8	29°37	1°43	7°33	13°40	22°14	20°51	6° 8	22°59	S 13
S 14	1 58 49	27°58'21	25°18	29°11	6°32	1°25	9°20	29°33	1°45	7°35	13°39	22° 4	20°47	6°14	23° 3	S 14
M15	2 2 45	28°58'28	8♏57	0♏49	7°44	2° 0	9°32	29°29	1°47	7°37	13°38	21°53	20°44	6°21	23° 7	M15
T 16	2 6 42	29°58'37	22°17	2°26	8°55	2°35	9°44	29°25	1°49	7°38	13°38	21°41	20°41	6°28	23°12	T 16
W17	2 10 39	0♏58'47	5♐17	4° 2	10° 7	3°10	9°56	29°22	1°51	7°40	13°37	21°30	20°38	6°34	23°17	W17
T 18	2 14 35	1°58'59	17°57	5°38	11°19	3°45	10° 8	29°18	1°53	7°42	13°36	21°20	20°35	6°41	23°21	T 18
F 19	2 18 32	2°59'13	0♑19	7°14	12°31	4°20	10°20	29°14	1°56	7°44	13°35	21°13	20°32	6°48	23°26	F 19
S 20	2 22 28	3°59'29	12°25	8°49	13°43	4°54	10°32	29°11	1°58	7°46	13°35	21° 8	20°28	6°54	23°31	S 20
S 21	2 26 25	4°59'46	24°20	10°24	14°54	5°29	10°45	29° 8	2° 0	7°48	13°34	21° 6	20°25	7° 1	23°35	S 21
M22	2 30 21	6° 0'04	6♒ 9	11°58	16° 6	6° 3	10°57	29° 4	2° 3	7°50	13°33	21°D 6	20°22	7° 8	23°40	M22
T 23	2 34 18	7° 0'24	17°57	13°32	17°17	6°38	11° 9	29° 1	2° 5	7°52	13°33	21°R 6	20°19	7°14	23°45	T 23
W24	2 38 14	8° 0'45	29°50	15° 6	18°29	7°12	11°22	28°58	2° 7	7°54	13°32	21° 6	20°16	7°21	23°50	W24
T 25	2 42 11	9° 1'08	11♓54	16°40	19°40	7°47	11°34	28°55	2°10	7°56	13°31	21° 4	20°12	7°27	23°55	T 25
F 26	2 46 8	10° 1'32	24°12	18°13	20°52	8°21	11°47	28°52	2°12	7°58	13°31	21° 0	20° 9	7°34	24° 0	F 26
S 27	2 50 4	11° 1'58	6♈49	19°46	22° 3	8°55	12° 0	28°49	2°15	8° 0	13°30	20°53	20° 6	7°41	24° 5	S 27
S 28	2 54 1	12° 2'25	19°47	21°18	23°14	9°29	12°12	28°46	2°17	8° 2	13°30	20°43	20° 3	7°47	24°10	S 28
M29	2 57 57	13° 2'54	3♉ 6	22°50	24°25	10° 3	12°25	28°44	2°20	8° 4	13°29	20°32	20° 0	7°54	24°15	M29
T 30	3 1 54	14° 3'24	16°44	24°22	25°36	10°37	12°38	28°41	2°23	8° 6	13°29	20°19	19°57	8° 1	24°21	T 30
W31	3 5 50	15♏ 3'56	0♊39	25♏54	26♐47	11♍11	12♐51	28♓38	2♑25	8♐ 9	13♓28	20♒ 6	19♒53	8♒ 7	24♐26	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	5s56	13n39	4n29	1s28	1n36	19s 6	1s 6	14n59	1n24	21s10	0n23	2s17	2s42	23s50	0s18	20s 8	1n29	20s50	15s45	13s53	14s24	20s34	17s44	5n34
T 2	6 19	18 45	4 55	2 13	1 31	19 28	1 9	14 47	1 24	21 12	0 23	2 19	2 42	23 50	0 18	20 8	1 29	20 51	15 45	13 56	14 25	20 32	17 45	5 34
W 3	6 42	23 1	5 5	2 58	1 26	19 50	1 12	14 36	1 25	21 14	0 22	2 21	2 42	23 50	0 18	20 9	1 29	20 51	15 45	13 59	14 26	20 30	17 45	5 34
T 4	7 5	26 4	4 59	3 43	1 21	20 11	1 15	14 24	1 25	21 16	0 22	2 23	2 42	23 50	0 18	20 9	1 29	20 51	15 45	14 2	14 27	20 27	17 46	5 33
F 5	7 28	27 36	4 35	4 28	1 16	20 31	1 18	14 12	1 26	21 18	0 22	2 24	2 42	23 50	0 18	20 9	1 29	20 51	15 44	14 4	14 28	20 25	17 46	5 33
S 6	7 50	27 25	3 55	5 13	1 10	20 51	1 21	14 1	1 26	21 20	0 22	2 26	2 42	23 50	0 18	20 10	1 29	20 52	15 44	14 5	14 29	20 22	17 47	5 33
S 7	8 13	25 29	3 0	5 57	1 4	21 11	1 24	13 49	1 27	21 22	0 22	2 28	2 41	23 50	0 18	20 10	1 29	20 52	15 44	14 5	14 30	20 20	17 47	5 32
M 8	8 35	21 57	1 54	6 41	0 58	21 30	1 27	13 37	1 27	21 24	0 22	2 29	2 41	23 49	0 18	20 10	1 29	20 52	15 44	14 5	14 31	20 17	17 48	5 32
T 9	8 58	17 7	0 41	7 25	0 52	21 48	1 30	13 25	1 28	21 26	0 22	2 31	2 41	23 49	0 18	20 11	1 29	20 52	15 44	14 5	14 32	20 15	17 48	5 32
W10	9 20	11 20	0s35	8 8	0 45	22 6	1 33	13 13	1 28	21 28	0 21	2 32	2 41	23 49	0 18	20 11	1 29	20 52	15 43	14 5	14 33	20 12	17 49	5 31
T 11	9 42	4 58	1 48	8 51	0 39	22 23	1 35	13 1	1 29	21 30	0 21	2 34	2 41	23 49	0 18	20 11	1 29	20 52	15 43	14 5	14 34	20 10	17 50	5 31
F 12	10 4	1s37	2 55	9 33	0 32	22 39	1 38	12 49	1 30	21 32	0 21	2 35	2 41	23 49	0 18	20 11	1 29	20 52	15 43	14 7	14 35	20 7	17 50	5 31
S 13	10 26	8 3	3 50	10 15	0 26	22 55	1 41	12 37	1 30	21 33	0 21	2 37	2 41	23 49	0 18	20 12	1 28	20 53	15 43	14 9	14 36	20 5	17 51	5 30
S 14	10 48	14 1	4 31	10 56	0 19	23 11	1 43	12 25	1 31	21 35	0 21	2 38	2 41	23 49	0 18	20 12	1 28	20 53	15 42	14 12	14 37	20 2	17 51	5 30
M15	11 9	19 11	4 55	11 36	0 12	23 26	1 46	12 13	1 31	21 37	0 21	2 40	2 41	23 49	0 18	20 12	1 28	20 53	15 42	14 16	14 38	20 0	17 52	5 30
T 16	11 30	23 16	5 2	12 16	0 6	23 40	1 49	12 1	1 32	21 39	0 21	2 41	2 40	23 49	0 18	20 13	1 28	20 53	15 42	14 20	14 39	19 57	17 52	5 30
W17	11 52	26 5	4 54	12 56	0s 1	23 53	1 51	11 49	1 32	21 41	0 20	2 42	2 40	23 49	0 18	20 13	1 28	20 53	15 42	14 23	14 40	19 55	17 53	5 29
T 18	12 12	27 29	4 31	13 34	0 8	24 6	1 54	11 37	1 33	21 43	0 20	2 44	2 40	23 49	0 18	20 14	1 28	20 53	15 41	14 27	14 41	19 52	17 53	5 29
F 19	12 33	27 27	3 56	14 12	0 14	24 18	1 56	11 24	1 33	21 45	0 20	2 45	2 40	23 49	0 18	20 14	1 28	20 53	15 41	14 29	14 42	19 50	17 54	5 29
S 20	12 54	26 6	3 10	14 49	0 21	24 29	1 58	11 12	1 34	21 47	0 20	2 46	2 40	23 49	0 18	20 14	1 28	20 53	15 41	14 30	14 43	19 47	17 54	5 29
S 21	13 14	23 35	2 17	15 26	0 28	24 40	2 1	11 0	1 34	21 49	0 20	2 47	2 40	23 49	0 18	20 15	1 28	20 53	15 41	14 31	14 44	19 45	17 55	5 28
M22	13 34	20 5	1 19	16 2	0 34	24 50	2 3	10 48	1 35	21 51	0 20	2 48	2 40	23 49	0 18	20 15	1 28	20 53	15 40	14 31	14 45	19 42	17 55	5 28
T 23	13 54	15 46	0 17	16 36	0 41	25 0	2 5	10 35	1 36	21 52	0 20	2 50	2 39	23 49	0 18	20 15	1 28	20 53	15 40	14 31	14 46	19 40	17 55	5 28
W24	14 14	10 51	0n46	17 11	0 47	25 8	2 7	10 23	1 36	21 54	0 20	2 51	2 39	23 49	0 18	20 16	1 28	20 53	15 40	14 31	14 47	19 37	17 56	5 28
T 25	14 33	5 28	1 48	17 44	0 53	25 16	2 9	10 11	1 37	21 56	0 19	2 52	2 39	23 49	0 18	20 16	1 28	20 53	15 40	14 32	14 48	19 35	17 56	5 27
F 26	14 53	0n14	2 46	18 16	0 59	25 23	2 11	9 58	1 37	21 58	0 19	2 53	2 39	23 49	0 18	20 16	1 28	20 53	15 39	14 33	14 49	19 32	17 57	5 27
S 27	15 12	6 2	3 37	18 48	1 6	25 30	2 13	9 46	1 38	22 0	0 19	2 54	2 39	23 49	0 18	20 17	1 28	20 53	15 39	14 35	14 50	19 29	17 57	5 27
S 28	15 30	11 45	4 18	19 18	1 12	25 36	2 15	9 34	1 38	22 2	0 19	2 55	2 38	23 49	0 18	20 17	1 28	20 53	15 39	14 38	14 51	19 27	17 58	5 27
M29	15 49	17 4	4 47	19 48	1 17	25 41	2 16	9 21	1 39	22 3	0 19	2 56	2 38	23 49	0 18	20 17	1 28	20 53	15 38	14 42	14 52	19 24	17 58	5 26
T 30	16 7	21 41	5 0	20 17	1 23	25 45	2 18	9 9	1 39	22 5	0 19	2 56	2 38	23 49	0 18	20 18	1 28	20 53	15 38	14 46	14 53	19 22	17 59	5 26
W31	16s25	25n10	4n55	20s44	1s29	25s49	2s20	8n56	1n40	22s 7	0n19	2s57	2s38	23s49	0s18	20s18	1n28	20s53	15s38	14s50	14s54	19s19	17s59	5n26

Julian Day Number = 2203095.5, Delta T = 09m54s
Ecliptic obliquity = 23°31'47, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°15'09, Lahiri = 14°22'10 Julian Calendar 1 Oct. 1319 == Greg. Calendar 9 Oct. 1319

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ASTRODIENST EPHEMERIS for the year 1319
geocentric

NOVEMBER 1319 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	3 9 47	16♏ 4'30	14♊45	27♏26	27♐58	11♍45	13♐ 4	28°R36	2♑28	8♐11	13°R28	19°R55	19♒50	8♒14	24♐31	T 1
F 2	3 13 43	17° 5'05	28°58	28°57	29° 9	12°18	13°16	28♓34	2°31	8°13	13♓27	19♒46	19°47	8°21	24°36	F 2
S 3	3 17 40	18° 5'43	13♋13	0♐28	0♑20	12°52	13°29	28°31	2°34	8°15	13°27	19°41	19°44	8°27	24°42	S 3
S 4	3 21 37	19° 6'21	27°26	1°59	1°31	13°26	13°43	28°29	2°36	8°17	13°26	19°38	19°41	8°34	24°47	S 4
M 5	3 25 33	20° 7'02	11♌35	3°29	2°41	13°59	13°56	28°27	2°39	8°19	13°26	19°37	19°38	8°41	24°53	M 5
T 6	3 29 30	21° 7'44	25°39	4°59	3°52	14°32	14° 9	28°25	2°42	8°22	13°26	19°37	19°34	8°47	24°58	T 6
W 7	3 33 26	22° 8'28	9♍38	6°29	5° 2	15° 6	14°22	28°23	2°45	8°24	13°25	19°36	19°31	8°54	25° 4	W 7
T 8	3 37 23	23° 9'13	23°30	7°58	6°13	15°39	14°35	28°22	2°48	8°26	13°25	19°33	19°28	9° 1	25° 9	T 8
F 9	3 41 19	24°10'01	7♎15	9°27	7°23	16°12	14°48	28°20	2°51	8°28	13°25	19°28	19°25	9° 7	25°15	F 9
S 10	3 45 16	25°10'49	20°53	10°56	8°33	16°45	15° 2	28°19	2°54	8°30	13°25	19°20	19°22	9°14	25°21	S 10
S 11	3 49 12	26°11'39	4♏21	12°24	9°43	17°18	15°15	28°17	2°57	8°33	13°24	19° 9	19°18	9°20	25°26	S 11
M12	3 53 9	27°12'31	17°37	13°52	10°53	17°50	15°28	28°16	3° 0	8°35	13°24	18°56	19°15	9°27	25°32	M12
T 13	3 57 6	28°13'24	0♐39	15°19	12° 3	18°23	15°42	28°15	3° 3	8°37	13°24	18°42	19°12	9°34	25°38	T 13
W14	4 1 2	29°14'18	13°26	16°45	13°13	18°56	15°55	28°13	3° 6	8°39	13°24	18°29	19° 9	9°40	25°44	W14
T 15	4 4 59	0♐15'13	25°58	18°11	14°23	19°28	16° 9	28°12	3° 9	8°41	13°24	18°18	19° 6	9°47	25°49	T 15
F 16	4 8 55	1°16'09	8♑14	19°35	15°32	20° 0	16°22	28°12	3°12	8°44	13°24	18° 9	19° 3	9°54	25°55	F 16
S 17	4 12 52	2°17'06	20°17	20°59	16°41	20°33	16°36	28°11	3°16	8°46	13°23	18° 2	18°59	10° 0	26° 1	S 17
S 18	4 16 48	3°18'04	2♒10	22°21	17°51	21° 5	16°49	28°10	3°19	8°48	13°23	17°59	18°56	10° 7	26° 7	S 18
M19	4 20 45	4°19'03	13°58	23°42	19° 0	21°37	17° 3	28°10	3°22	8°51	13°23	17°D58	18°53	10°14	26°13	M19
T 20	4 24 41	5°20'02	25°45	25° 1	20° 9	22° 9	17°16	28° 9	3°25	8°53	13°D23	17°58	18°50	10°20	26°19	T 20
W21	4 28 38	6°21'02	7♓37	26°18	21°18	22°40	17°30	28° 9	3°29	8°55	13°23	17°R58	18°47	10°27	26°25	W21
T 22	4 32 35	7°22'02	19°39	27°32	22°27	23°12	17°44	28° 8	3°32	8°57	13°23	17°58	18°44	10°34	26°31	T 22
F 23	4 36 31	8°23'04	1♈57	28°44	23°35	23°44	17°57	28° 8	3°35	9° 0	13°23	17°55	18°40	10°40	26°37	F 23
S 24	4 40 28	9°24'05	14°35	29°53	24°44	24°15	18°11	28°D 8	3°38	9° 2	13°24	17°50	18°37	10°47	26°43	S 24
S 25	4 44 24	10°25'08	27°38	0♑58	25°52	24°46	18°25	28° 8	3°42	9° 4	13°24	17°42	18°34	10°54	26°49	S 25
M26	4 48 21	11°26'11	11♉ 6	1°59	27° 0	25°17	18°38	28° 9	3°45	9° 6	13°24	17°32	18°31	11° 0	26°55	M26
T 27	4 52 17	12°27'14	25° 0	2°55	28° 8	25°48	18°52	28° 9	3°49	9° 9	13°24	17°22	18°28	11° 7	27° 1	T 27
W28	4 56 14	13°28'19	9♊15	3°46	29°15	26°19	19° 6	28° 9	3°52	9°11	13°24	17°11	18°24	11°13	27° 7	W28
T 29	5 0 10	14°29'24	23°46	4°30	0♒23	26°50	19°19	28°10	3°55	9°13	13°24	17° 1	18°21	11°20	27°13	T 29
F 30	5 4 7	15♐30'29	8♋27	5♑ 7	1♒30	27♍21	19♐33	28♓11	3♑59	9♐15	13♓25	16♒53	18♒18	11♒27	27♐19	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	16s43	27n10	4n33	21s11	1s34	25s52	2s21	8n44	1n41	22s 9	0n19	2s58	2s38	23s49	0s18	20s18	1n28	20s53	15s38	14s54	14s55	19s17	17s59	5n26	T 1
F 2	17 0	27 25	3 54	21 37	1 39	25 54	2 22	8 32	1 41	22 10	0 19	2 59	2 37	23 48	0 18	20 19	1 28	20 53	15 37	14 56	14 56	19 14	18 0	5 26	F 2
S 3	17 17	25 51	3 0	22 1	1 44	25 55	2 24	8 19	1 42	22 12	0 18	3 0	2 37	23 48	0 18	20 19	1 28	20 53	15 37	14 58	14 57	19 11	18 0	5 25	S 3
S 4	17 34	22 37	1 54	22 25	1 49	25 56	2 25	8 7	1 42	22 14	0 18	3 0	2 37	23 48	0 18	20 20	1 28	20 52	15 37	14 59	14 58	19 9	18 1	5 25	S 4
M 5	17 50	18 3	0 42	22 47	1 53	25 56	2 26	7 54	1 43	22 15	0 18	3 1	2 37	23 48	0 18	20 20	1 28	20 52	15 36	15 0	14 59	19 6	18 1	5 25	M 5
T 6	18 7	12 31	0s32	23 8	1 58	25 55	2 27	7 42	1 43	22 17	0 18	3 1	2 37	23 48	0 18	20 20	1 28	20 52	15 36	15 0	15 0	19 4	18 1	5 25	T 6
W 7	18 22	6 23	1 44	23 28	2 2	25 54	2 28	7 29	1 44	22 19	0 18	3 2	2 36	23 48	0 18	20 21	1 28	20 52	15 36	15 0	15 1	19 1	18 2	5 25	W 7
T 8	18 38	0 1	2 49	23 47	2 6	25 51	2 29	7 17	1 45	22 20	0 18	3 2	2 36	23 48	0 18	20 21	1 28	20 52	15 35	15 1	15 2	18 58	18 2	5 25	T 8
F 9	18 53	6s18	3 43	24 5	2 9	25 48	2 29	7 5	1 45	22 22	0 18	3 3	2 36	23 48	0 18	20 21	1 28	20 52	15 35	15 2	15 3	18 56	18 2	5 24	F 9
S 10	19 8	12 16	4 25	24 21	2 12	25 45	2 30	6 52	1 46	22 24	0 18	3 3	2 36	23 48	0 18	20 22	1 28	20 51	15 35	15 5	15 4	18 53	18 3	5 24	S 10
S 11	19 22	17 34	4 50	24 36	2 15	25 40	2 30	6 40	1 46	22 25	0 18	3 4	2 35	23 48	0 18	20 22	1 28	20 51	15 34	15 8	15 5	18 51	18 3	5 24	S 11
M12	19 37	21 57	5 0	24 49	2 17	25 35	2 31	6 28	1 47	22 27	0 17	3 4	2 35	23 48	0 18	20 22	1 28	20 51	15 34	15 12	15 6	18 48	18 3	5 24	M12
T 13	19 50	25 9	4 54	25 2	2 19	25 29	2 31	6 15	1 47	22 28	0 17	3 4	2 35	23 48	0 18	20 23	1 28	20 51	15 34	15 17	15 7	18 45	18 4	5 24	T 13
W14	20 4	27 0	4 33	25 12	2 21	25 23	2 31	6 3	1 48	22 30	0 17	3 4	2 35	23 48	0 18	20 23	1 28	20 51	15 33	15 21	15 8	18 43	18 4	5 24	W14
T 15	20 17	27 27	3 59	25 22	2 22	25 15	2 31	5 51	1 49	22 31	0 17	3 5	2 35	23 48	0 18	20 24	1 28	20 50	15 33	15 24	15 9	18 40	18 4	5 24	T 15
F 16	20 30	26 30	3 14	25 30	2 23	25 7	2 31	5 39	1 49	22 33	0 17	3 5	2 34	23 48	0 18	20 24	1 28	20 50	15 33	15 27	15 10	18 38	18 4	5 24	F 16
S 17	20 42	24 19	2 21	25 36	2 23	24 59	2 31	5 27	1 50	22 34	0 17	3 5	2 34	23 47	0 18	20 24	1 28	20 50	15 32	15 29	15 11	18 35	18 5	5 24	S 17
S 18	20 54	21 6	1 23	25 41	2 23	24 49	2 31	5 14	1 50	22 36	0 17	3 5	2 34	23 47	0 18	20 25	1 28	20 49	15 32	15 30	15 12	18 32	18 5	5 23	S 18
M19	21 5	17 2	0 21	25 44	2 22	24 39	2 30	5 2	1 51	22 37	0 17	3 5	2 34	23 47	0 18	20 25	1 28	20 49	15 32	15 30	15 13	18 30	18 5	5 23	M19
T 20	21 16	12 20	0n41	25 46	2 20	24 29	2 30	4 50	1 52	22 39	0 17	3 5	2 33	23 47	0 18	20 25	1 28	20 49	15 31	15 30	15 14	18 27	18 5	5 23	T 20
W21	21 27	7 10	1 43	25 46	2 18	24 17	2 29	4 38	1 52	22 40	0 16	3 5	2 33	23 47	0 18	20 26	1 28	20 49	15 31	15 30	15 15	18 24	18 6	5 23	W21
T 22	21 37	1 40	2 40	25 45	2 15	24 5	2 28	4 26	1 53	22 41	0 16	3 5	2 33	23 47	0 18	20 26	1 28	20 48	15 31	15 30	15 16	18 22	18 6	5 23	T 22
F 23	21 47	4n 1	3 32	25 42	2 11	23 53	2 27	4 14	1 53	22 43	0 16	3 4	2 33	23 47	0 18	20 26	1 28	20 48	15 30	15 31	15 17	18 19	18 6	5 23	F 23
S 24	21 57	9 40	4 14	25 38	2 6	23 40	2 26	4 2	1 54	22 44	0 16	3 4	2 32	23 47	0 18	20 27	1 28	20 48	15 30	15 33	15 18	18 16	18 6	5 23	S 24
S 25	22 6	15 6	4 45	25 32	2 1	23 26	2 25	3 50	1 55	22 45	0 16	3 4	2 32	23 47	0 18	20 27	1 28	20 47	15 30	15 35	15 19	18 14	18 7	5 23	S 25
M26	22 14	19 59	5 1	25 25	1 54	23 11	2 24	3 38	1 55	22 47	0 16	3 4	2 32	23 47	0 18	20 27	1 28	20 47	15 29	15 38	15 20	18 11	18 7	5 23	M26
T 27	22 22	23 56	5 1	25 16	1 46	22 56	2 22	3 27	1 56	22 48	0 16	3 3	2 32	23 47	0 18	20 28	1 28	20 46	15 29	15 41	15 21	18 8	18 7	5 23	T 27
W28	22 30	26 33	4 41	25 6	1 38	22 41	2 21	3 15	1 56	22 49	0 16	3 3	2 31	23 46	0 18	20 28	1 28	20 46	15 29	15 45	15 22	18 6	18 7	5 23	W28
T 29	22 37	27 26	4 4	24 55	1 28	22 25	2 19	3 3	1 57	22 50	0 16	3 2	2 31	23 46	0 18	20 28	1 28	20 46	15 28	15 48	15 23	18 3	18 7	5 23	T 29
F 30	22s44	26n25	3n10	24s42	1s16	22s 8	2s17	2n52	1n58	22s51	0n16	3s 2	2s31	23s46	0s18	20s29	1n28	20s45	15s28	15s50	15s24	18s 0	18s 7	5n23	F 30

Julian Day Number = 2203126.5, Delta T = 09m54s
Ecliptic obliquity = 23°31'46, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°15'14, Lahiri = 14°22'14 Julian Calendar 1 Nov. 1319 == Greg. Calendar 9 Nov. 1319

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ASTRODIENST EPHEMERIS for the year 1319
geocentric

DECEMBER 1319 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	5 8 4	16♐31'36	23♋ 9	5♑36	2♒38	27♍51	19♐47	28♓11	4♑ 2	9♐18	13♓25	16°R48	18♒15	11♒33	27♐25	S 1
S 2	5 12 0	17°32'43	7♌46	5°57	3°44	28°21	20° 1	28°12	4° 6	9°20	13°25	16♒46	18°12	11°40	27°32	S 2
M 3	5 15 57	18°33'51	22°12	6°R 7	4°51	28°52	20°14	28°13	4° 9	9°22	13°25	16°D46	18° 9	11°47	27°38	M 3
T 4	5 19 53	19°34'59	6♍26	6° 7	5°58	29°22	20°28	28°14	4°13	9°24	13°26	16°47	18° 5	11°53	27°44	T 4
W 5	5 23 50	20°36'08	20°25	5°56	7° 4	29°51	20°42	28°15	4°16	9°27	13°26	16°R47	18° 2	12° 0	27°50	W 5
T 6	5 27 46	21°37'18	4♎10	5°33	8°10	0♎21	20°56	28°17	4°20	9°29	13°26	16°47	17°59	12° 7	27°56	T 6
F 7	5 31 43	22°38'29	17°41	4°58	9°16	0°51	21° 9	28°18	4°23	9°31	13°27	16°44	17°56	12°13	28° 2	F 7
S 8	5 35 40	23°39'40	0♏58	4°12	10°21	1°20	21°23	28°20	4°27	9°33	13°27	16°38	17°53	12°20	28° 9	S 8
S 9	5 39 36	24°40'52	14° 3	3°15	11°27	1°49	21°37	28°21	4°30	9°36	13°28	16°31	17°50	12°27	28°15	S 9
M10	5 43 33	25°42'04	26°56	2° 9	12°32	2°18	21°51	28°23	4°34	9°38	13°28	16°22	17°46	12°33	28°21	M10
T 11	5 47 29	26°43'17	9♐37	0°55	13°37	2°47	22° 5	28°25	4°37	9°40	13°29	16°12	17°43	12°40	28°27	T 11
W12	5 51 26	27°44'30	22° 6	29♐37	14°41	3°16	22°18	28°27	4°41	9°42	13°29	16° 2	17°40	12°47	28°33	W12
T 13	5 55 22	28°45'43	4♑24	28°15	15°45	3°45	22°32	28°29	4°45	9°44	13°30	15°54	17°37	12°53	28°40	T 13
F 14	5 59 19	29°46'56	16°30	26°54	16°49	4°13	22°46	28°31	4°48	9°46	13°30	15°48	17°34	13° 0	28°46	F 14
S 15	6 3 15	0♑48'09	28°27	25°35	17°53	4°41	23° 0	28°33	4°52	9°49	13°31	15°44	17°30	13° 6	28°52	S 15
S 16	6 7 12	1°49'22	10♒18	24°21	18°56	5° 9	23°13	28°36	4°55	9°51	13°32	15°D42	17°27	13°13	28°58	S 16
M17	6 11 9	2°50'35	22° 4	23°15	19°59	5°37	23°27	28°38	4°59	9°53	13°32	15°42	17°24	13°20	29° 4	M17
T 18	6 15 5	3°51'47	3♓50	22°17	21° 2	6° 4	23°41	28°41	5° 2	9°55	13°33	15°43	17°21	13°26	29°11	T 18
W19	6 19 2	4°52'59	15°41	21°28	22° 4	6°32	23°54	28°43	5° 6	9°57	13°34	15°45	17°18	13°33	29°17	W19
T 20	6 22 58	5°54'11	27°41	20°50	23° 6	6°59	24° 8	28°46	5°10	9°59	13°34	15°46	17°15	13°40	29°23	T 20
F 21	6 26 55	6°55'22	9♈56	20°21	24° 7	7°26	24°22	28°49	5°13	10° 1	13°35	15°R47	17°11	13°46	29°29	F 21
S 22	6 30 51	7°56'33	22°30	20° 3	25° 8	7°52	24°35	28°52	5°17	10° 3	13°36	15°45	17° 8	13°53	29°35	S 22
S 23	6 34 48	8°57'43	5♉29	19°D54	26° 9	8°19	24°49	28°55	5°20	10° 5	13°36	15°43	17° 5	14° 0	29°41	S 23
M24	6 38 44	9°58'53	18°54	19°54	27° 9	8°45	25° 3	28°58	5°24	10° 7	13°37	15°38	17° 2	14° 6	29°47	M24
T 25	6 42 41	11° 0'02	2♊48	20° 3	28° 9	9°11	25°16	29° 2	5°28	10° 9	13°38	15°33	16°59	14°13	29°54	T 25
W26	6 46 38	12° 1'10	17° 9	20°19	29° 8	9°37	25°30	29° 5	5°31	10°11	13°39	15°27	16°56	14°20	29°59	W26
T 27	6 50 34	13° 2'19	1♋52	20°42	0♓ 6	10° 3	25°43	29° 8	5°35	10°13	13°40	15°23	16°52	14°26	0♑ 6	T 27
F 28	6 54 31	14° 3'26	16°50	21°12	1° 5	10°28	25°57	29°12	5°38	10°15	13°41	15°19	16°49	14°33	0°12	F 28
S 29	6 58 27	15° 4'33	1♌55	21°48	2° 2	10°53	26°10	29°16	5°42	10°17	13°42	15°17	16°46	14°40	0°18	S 29
S 30	7 2 24	16° 5'40	16°56	22°29	3° 0	11°18	26°23	29°19	5°45	10°19	13°42	15°D16	16°43	14°46	0°24	S 30
M31	7 6 20	17♑ 6'46	1♍48	23♐14	3♓56	11♎42	26♐37	29♓23	5♑49	10♐21	13♓43	15♒17	16♒40	14♒53	0♑30	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22s51	23n33	2n 3	24s29	1s 4	21s51	2s15	2n40	1n58	22s53	0n15	3s 1	2s31	23s46	0s18	20s29	1n28	20s45	15s28	15s51	15s25	17s58	18s 7	5n23
S 2	22 57	19 10	0 48	24 14	0 50	21 33	2 13	2 28	1 59	22 54	0 15	3 1	2 30	23 46	0 18	20 29	1 28	20 44	15 27	15 52	15 26	17 55	18 8	5 23
M 3	23 2	13 42	0s29	23 58	0 35	21 14	2 11	2 17	2 0	22 55	0 15	3 0	2 30	23 46	0 18	20 30	1 28	20 44	15 27	15 52	15 27	17 52	18 8	5 23
T 4	23 7	7 35	1 43	23 42	0 19	20 56	2 9	2 5	2 0	22 56	0 15	3 0	2 30	23 46	0 18	20 30	1 28	20 44	15 27	15 52	15 28	17 49	18 8	5 23
W 5	23 12	1 12	2 50	23 25	0 1	20 36	2 6	1 54	2 1	22 57	0 15	2 59	2 30	23 46	0 18	20 30	1 28	20 43	15 26	15 52	15 29	17 47	18 8	5 23
T 6	23 16	5s 7	3 46	23 7	0n17	20 17	2 3	1 43	2 1	22 58	0 15	2 58	2 29	23 46	0 18	20 31	1 28	20 43	15 26	15 52	15 30	17 44	18 8	5 23
F 7	23 19	11 5	4 28	22 49	0 37	19 56	2 1	1 32	2 2	22 59	0 15	2 57	2 29	23 46	0 18	20 31	1 28	20 42	15 26	15 53	15 31	17 41	18 8	5 23
S 8	23 23	16 27	4 55	22 31	0 56	19 36	1 58	1 20	2 3	23 0	0 15	2 57	2 29	23 45	0 18	20 31	1 28	20 42	15 25	15 55	15 32	17 39	18 8	5 23
S 9	23 25	20 59	5 6	22 13	1 16	19 15	1 54	1 9	2 3	23 1	0 15	2 56	2 29	23 45	0 18	20 32	1 28	20 41	15 25	15 57	15 33	17 36	18 8	5 23
M10	23 28	24 26	5 1	21 55	1 36	18 53	1 51	0 58	2 4	23 2	0 15	2 55	2 28	23 45	0 18	20 32	1 28	20 41	15 25	16 0	15 34	17 33	18 8	5 23
T 11	23 29	26 37	4 42	21 37	1 55	18 31	1 48	0 47	2 5	23 3	0 15	2 54	2 28	23 45	0 18	20 32	1 28	20 40	15 24	16 2	15 35	17 30	18 8	5 23
W12	23 31	27 26	4 9	21 19	2 12	18 9	1 44	0 37	2 5	23 4	0 14	2 53	2 28	23 45	0 18	20 33	1 28	20 40	15 24	16 5	15 36	17 28	18 8	5 23
T 13	23 31	26 52	3 24	21 3	2 28	17 46	1 40	0 26	2 6	23 5	0 14	2 52	2 28	23 45	0 18	20 33	1 28	20 39	15 24	16 8	15 37	17 25	18 8	5 23
F 14	23 32	25 0	2 31	20 48	2 42	17 23	1 37	0 15	2 7	23 6	0 14	2 51	2 27	23 45	0 18	20 33	1 28	20 39	15 23	16 10	15 38	17 22	18 8	5 23
S 15	23 32	22 3	1 32	20 34	2 53	17 0	1 32	0 5	2 7	23 6	0 14	2 49	2 27	23 45	0 18	20 34	1 28	20 38	15 23	16 11	15 39	17 19	18 8	5 24
S 16	23 31	18 12	0 29	20 22	3 2	16 36	1 28	0s 6	2 8	23 7	0 14	2 48	2 27	23 44	0 18	20 34	1 28	20 38	15 23	16 11	15 40	17 17	18 8	5 24
M17	23 30	13 40	0n35	20 13	3 9	16 12	1 24	0 16	2 9	23 8	0 14	2 47	2 27	23 44	0 18	20 34	1 28	20 37	15 22	16 11	15 41	17 14	18 8	5 24
T 18	23 28	8 38	1 37	20 6	3 13	15 48	1 19	0 27	2 9	23 9	0 14	2 46	2 26	23 44	0 18	20 35	1 28	20 37	15 22	16 11	15 42	17 11	18 8	5 24
W19	23 26	3 16	2 36	20 1	3 15	15 23	1 15	0 37	2 10	23 10	0 14	2 45	2 26	23 44	0 18	20 35	1 28	20 36	15 22	16 10	15 43	17 8	18 8	5 24
T 20	23 24	2n16	3 29	19 59	3 14	14 58	1 10	0 47	2 10	23 10	0 14	2 43	2 26	23 44	0 18	20 35	1 28	20 36	15 22	16 10	15 44	17 6	18 8	5 24
F 21	23 21	7 49	4 13	19 59	3 12	14 33	1 5	0 57	2 11	23 11	0 14	2 42	2 26	23 44	0 18	20 35	1 28	20 35	15 21	16 10	15 44	17 3	18 7	5 24
S 22	23 17	13 13	4 47	20 1	3 9	14 8	1 0	1 7	2 12	23 12	0 14	2 40	2 25	23 44	0 18	20 36	1 28	20 34	15 21	16 10	15 45	17 0	18 7	5 24
S 23	23 14	18 13	5 7	20 5	3 4	13 42	0 54	1 17	2 12	23 12	0 13	2 39	2 25	23 44	0 18	20 36	1 28	20 34	15 21	16 11	15 46	16 57	18 7	5 25
M24	23 9	22 30	5 11	20 11	2 58	13 16	0 49	1 27	2 13	23 13	0 13	2 38	2 25	23 43	0 18	20 36	1 28	20 33	15 20	16 13	15 47	16 55	18 7	5 25
T 25	23 4	25 40	4 58	20 19	2 51	12 50	0 43	1 36	2 14	23 13	0 13	2 36	2 25	23 43	0 18	20 37	1 28	20 33	15 20	16 14	15 48	16 52	18 7	5 25
W26	22 59	27 19	4 26	20 27	2 43	12 24	0 38	1 46	2 15	23 14	0 13	2 34	2 24	23 43	0 18	20 37	1 28	20 32	15 20	16 16	15 49	16 49	18 7	5 25
T 27	22 53	27 6	3 36	20 37	2 35	11 58	0 32	1 55	2 15	23 14	0 13	2 33	2 24	23 43	0 18	20 37	1 28	20 31	15 19	16 17	15 50	16 46	18 7	5 25
F 28	22 47	24 56	2 30	20 48	2 27	11 32	0 25	2 5	2 16	23 15	0 13	2 31	2 24	23 43	0 18	20 37	1 28	20 31	15 19	16 18	15 51	16 43	18 6	5 25
S 29	22 40	20 59	1 13	20 59	2 17	11 5	0 19	2 14	2 17	23 15	0 13	2 30	2 24	23 43	0 18	20 38	1 28	20 30	15 19	16 19	15 52	16 41	18 6	5 26
S 30	22 33	15 40	0s 9	21 11	2 8	10 39	0 13	2 23	2 17	23 16	0 13	2 28	2 24	23 43	0 18	20 38	1 28	20 30	15 19	16 19	15 53	16 38	18 6	5 26
M31	22s26	9n29	1s30	21s23	1n59	10s12	0s 6	2s32	2n18	23s16	0n13	2s26	2s23	23s42	0s18	20s38	1n28	20s29	15s18	16s19	15s54	16s35	18s 6	5n26

Julian Day Number = 2203156.5, Delta T = 09m54s
Ecliptic obliquity = 23°31'46, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°15'18, Lahiri = 14°22'18 Julian Calendar 1 Dec. 1319 == Greg. Calendar 9 Dec. 1319

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ASTRODIENST EPHEMERIS for the year 1320
geocentric

JANUARY 1320 JC — 00:00 UT

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

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22s18	2n54	2s43	21s35	1n49	9s45	0n 1	2s41	2n19	23s17	0n13	2s24	2s23	23s42	0s18	20s38	1n28	20s28	15s18	16s18	15s55	16s32	18s 6	5n26
W 2	22 9	3s39	3 44	21 47	1 39	9 18	0 8	2 50	2 19	23 17	0 13	2 22	2 23	23 42	0 18	20 39	1 28	20 28	15 18	16 18	15 56	16 30	18 5	5 26
T 3	22 1	9 52	4 30	21 58	1 30	8 51	0 15	2 58	2 20	23 18	0 13	2 21	2 23	23 42	0 18	20 39	1 28	20 27	15 18	16 18	15 57	16 27	18 5	5 27
F 4	21 51	15 27	5 1	22 9	1 20	8 24	0 22	3 7	2 21	23 18	0 12	2 19	2 22	23 42	0 18	20 39	1 28	20 26	15 17	16 18	15 58	16 24	18 5	5 27
S 5	21 42	20 11	5 14	22 20	1 11	7 57	0 30	3 15	2 21	23 18	0 12	2 17	2 22	23 42	0 18	20 39	1 28	20 26	15 17	16 18	15 59	16 21	18 4	5 27
S 6	21 31	23 51	5 11	22 31	1 1	7 31	0 37	3 23	2 22	23 19	0 12	2 15	2 22	23 42	0 18	20 40	1 28	20 25	15 17	16 19	16 0	16 18	18 4	5 27
M 7	21 21	26 18	4 54	22 40	0 52	7 4	0 45	3 31	2 23	23 19	0 12	2 13	2 22	23 41	0 18	20 40	1 28	20 25	15 17	16 20	16 1	16 15	18 4	5 28
T 8	21 10	27 25	4 22	22 49	0 42	6 37	0 53	3 39	2 23	23 19	0 12	2 11	2 22	23 41	0 18	20 40	1 28	20 24	15 16	16 21	16 2	16 13	18 4	5 28
W 9	20 59	27 11	3 39	22 57	0 33	6 10	1 1	3 47	2 24	23 19	0 12	2 9	2 21	23 41	0 18	20 40	1 28	20 23	15 16	16 22	16 3	16 10	18 3	5 28
T 10	20 47	25 38	2 47	23 4	0 24	5 43	1 10	3 55	2 25	23 19	0 12	2 7	2 21	23 41	0 18	20 40	1 28	20 23	15 16	16 22	16 4	16 7	18 3	5 28
F 11	20 35	22 57	1 48	23 11	0 15	5 17	1 18	4 2	2 25	23 20	0 12	2 5	2 21	23 41	0 18	20 41	1 28	20 22	15 16	16 23	16 5	16 4	18 3	5 29
S 12	20 22	19 18	0 44	23 16	0 7	4 50	1 27	4 10	2 26	23 20	0 12	2 3	2 21	23 41	0 19	20 41	1 28	20 21	15 15	16 23	16 6	16 1	18 2	5 29
S 13	20 9	14 54	0n21	23 20	0s 2	4 24	1 36	4 17	2 27	23 20	0 12	2 0	2 21	23 40	0 19	20 41	1 28	20 21	15 15	16 23	16 7	15 58	18 2	5 29
M14	19 56	9 58	1 25	23 23	0 10	3 58	1 45	4 24	2 28	23 20	0 12	1 58	2 20	23 40	0 19	20 41	1 28	20 20	15 15	16 23	16 7	15 56	18 2	5 29
T 15	19 42	4 41	2 26	23 25	0 18	3 32	1 54	4 31	2 28	23 20	0 12	1 56	2 20	23 40	0 19	20 41	1 28	20 19	15 15	16 23	16 8	15 53	18 1	5 30
W16	19 28	0n48	3 21	23 26	0 26	3 6	2 3	4 38	2 29	23 20	0 11	1 54	2 20	23 40	0 19	20 42	1 28	20 19	15 14	16 23	16 9	15 50	18 1	5 30
T 17	19 14	6 19	4 8	23 26	0 33	2 41	2 13	4 44	2 30	23 20	0 11	1 52	2 20	23 40	0 19	20 42	1 28	20 18	15 14	16 22	16 10	15 47	18 0	5 30
F 18	18 59	11 40	4 44	23 25	0 40	2 16	2 22	4 51	2 30	23 20	0 11	1 49	2 20	23 40	0 19	20 42	1 28	20 17	15 14	16 22	16 11	15 44	18 0	5 31
S 19	18 44	16 42	5 8	23 22	0 47	1 51	2 32	4 57	2 31	23 20	0 11	1 47	2 20	23 40	0 19	20 42	1 28	20 17	15 14	16 22	16 12	15 41	18 0	5 31
S 20	18 29	21 8	5 18	23 18	0 54	1 26	2 42	5 3	2 32	23 20	0 11	1 45	2 19	23 39	0 19	20 42	1 28	20 16	15 14	16 22	16 13	15 39	17 59	5 31
M21	18 13	24 39	5 11	23 13	1 1	1 2	2 52	5 9	2 32	23 20	0 11	1 42	2 19	23 39	0 19	20 43	1 28	20 15	15 13	16 22	16 14	15 36	17 59	5 32
T 22	17 57	26 53	4 46	23 7	1 7	0 38	3 2	5 15	2 33	23 20	0 11	1 40	2 19	23 39	0 19	20 43	1 29	20 15	15 13	16 22	16 15	15 33	17 58	5 32
W23	17 41	27 30	4 4	22 59	1 13	0 14	3 13	5 21	2 34	23 20	0 11	1 37	2 19	23 39	0 19	20 43	1 29	20 14	15 13	16 22	16 16	15 30	17 58	5 32
T 24	17 24	26 14	3 4	22 50	1 19	0n 9	3 23	5 26	2 34	23 20	0 11	1 35	2 19	23 39	0 19	20 43	1 29	20 13	15 13	16 22	16 17	15 27	17 57	5 33
F 25	17 7	23 5	1 51	22 39	1 24	0 32	3 34	5 31	2 35	23 20	0 11	1 32	2 19	23 39	0 19	20 43	1 29	20 12	15 13	16 23	16 18	15 24	17 57	5 33
S 26	16 50	18 19	0 29	22 27	1 30	0 54	3 45	5 37	2 36	23 20	0 11	1 30	2 18	23 38	0 19	20 43	1 29	20 12	15 13	16 23	16 19	15 21	17 56	5 33
S 27	16 32	12 20	0s56	22 14	1 34	1 16	3 56	5 42	2 36	23 20	0 11	1 27	2 18	23 38	0 19	20 43	1 29	20 11	15 12	16 23	16 20	15 18	17 56	5 34
M28	16 14	5 40	2 16	21 59	1 39	1 37	4 7	5 46	2 37	23 20	0 10	1 25	2 18	23 38	0 19	20 44	1 29	20 10	15 12	16 23	16 21	15 16	17 55	5 34
T 29	15 56	1s12	3 25	21 43	1 43	1 57	4 18	5 51	2 38	23 20	0 10	1 22	2 18	23 38	0 19	20 44	1 29	20 10	15 12	16 23	16 22	15 13	17 55	5 35
W30	15 38	7 49	4 20	21 25	1 47	2 17	4 30	5 55	2 38	23 20	0 10	1 20	2 18	23 38	0 19	20 44	1 29	20 9	15 12	16 23	16 23	15 10	17 54	5 35
T 31	15s19	13s51	4s56	21s 6	1s51	2n37	4n41	5s59	2n39	23s19	0n10	1s17	2s18	23s38	0s19	20s44	1n29	20s 8	15s12	16s23	16s23	15s 7	17s54	5n35

Julian Day Number = 2203187.5, Delta T = 09m54s
Ecliptic obliquity = 23°31'46, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°15'22, Lahiri = 14°22'23 Julian Calendar 1 Jan. 1320 == Greg. Calendar 9 Jan. 1320

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ASTRODIENST EPHEMERIS for the year 1320
geocentric

FEBRUARY 1320 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	9 12 30	19♒34'12	7♏27	5♒40	26♓ 7	21♎48	3♑19	2♈ 9	7♑33	11♐10	14♓22	15°R 3	14♒58	18♒25	3♑25	F 1
S 2	9 16 27	20°34'42	20°41	7°18	26°25	21°59	3°31	2°15	7°36	11°11	14°24	15°D 3	14°55	18°32	3°30	S 2
S 3	9 20 23	21°35'10	3♐31	8°57	26°42	22°11	3°42	2°22	7°39	11°13	14°25	15♒ 4	14°52	18°39	3°34	S 3
M 4	9 24 20	22°35'37	16° 1	10°36	26°56	22°21	3°54	2°28	7°42	11°14	14°27	15° 4	14°48	18°45	3°39	M 4
T 5	9 28 16	23°36'02	28°15	12°17	27° 8	22°31	4° 5	2°35	7°45	11°15	14°28	15° 5	14°45	18°52	3°44	T 5
W 6	9 32 13	24°36'26	10♑18	13°58	27°18	22°41	4°16	2°41	7°47	11°16	14°29	15° 6	14°42	18°59	3°48	W 6
T 7	9 36 10	25°36'49	22°12	15°41	27°26	22°50	4°27	2°48	7°50	11°16	14°31	15° 7	14°39	19° 5	3°53	T 7
F 8	9 40 6	26°37'09	4♒ 1	17°24	27°31	22°58	4°38	2°54	7°53	11°17	14°32	15° 8	14°36	19°12	3°57	F 8
S 9	9 44 3	27°37'28	15°48	19° 8	27°35	23° 5	4°49	3° 1	7°55	11°18	14°34	15°R 8	14°33	19°19	4° 2	S 9
S 10	9 47 59	28°37'46	27°35	20°54	27°R35	23°12	5° 0	3° 8	7°58	11°19	14°35	15° 7	14°29	19°25	4° 6	S 10
M11	9 51 56	29°38'01	9♓25	22°40	27°33	23°19	5°11	3°14	8° 0	11°20	14°37	15° 6	14°26	19°32	4°10	M11
T 12	9 55 52	0♓38'15	21°19	24°28	27°29	23°25	5°21	3°21	8° 3	11°21	14°38	15° 4	14°23	19°39	4°14	T 12
W13	9 59 49	1°38'26	3♈20	26°16	27°22	23°30	5°32	3°28	8° 5	11°21	14°40	15° 2	14°20	19°45	4°18	W13
T 14	10 3 45	2°38'36	15°29	28° 6	27°13	23°34	5°42	3°35	8° 8	11°22	14°41	14°59	14°17	19°52	4°22	T 14
F 15	10 7 42	3°38'43	27°50	29°56	27° 1	23°38	5°52	3°42	8°10	11°23	14°43	14°56	14°13	19°58	4°26	F 15
S 16	10 11 39	4°38'49	10♉25	1♓48	26°47	23°41	6° 3	3°49	8°13	11°23	14°44	14°54	14°10	20° 5	4°30	S 16
S 17	10 15 35	5°38'52	23°16	3°41	26°30	23°43	6°13	3°56	8°15	11°24	14°46	14°52	14° 7	20°12	4°34	S 17
M18	10 19 32	6°38'53	6♊27	5°34	26°11	23°44	6°23	4° 3	8°17	11°25	14°47	14°D52	14° 4	20°18	4°38	M18
T 19	10 23 28	7°38'52	19°59	7°29	25°49	23°45	6°32	4°10	8°20	11°25	14°49	14°52	14° 1	20°25	4°42	T 19
W20	10 27 25	8°38'49	3♋56	9°25	25°25	23°R45	6°42	4°17	8°22	11°26	14°51	14°54	13°58	20°32	4°45	W20
T 21	10 31 21	9°38'44	18°15	11°21	24°59	23°45	6°52	4°24	8°24	11°26	14°52	14°55	13°54	20°38	4°49	T 21
F 22	10 35 18	10°38'36	2♌57	13°18	24°31	23°44	7° 1	4°31	8°26	11°26	14°54	14°56	13°51	20°45	4°52	F 22
S 23	10 39 14	11°38'26	17°55	15°16	24° 1	23°41	7°11	4°39	8°28	11°27	14°55	14°R57	13°48	20°52	4°56	S 23
S 24	10 43 11	12°38'14	3♍ 3	17°14	23°29	23°39	7°20	4°46	8°30	11°27	14°57	14°56	13°45	20°58	4°59	S 24
M25	10 47 8	13°38'00	18°12	19°13	22°56	23°35	7°29	4°53	8°32	11°28	14°58	14°53	13°42	21° 5	5° 3	M25
T 26	10 51 4	14°37'44	3♎12	21°12	22°21	23°31	7°38	5° 0	8°34	11°28	15° 0	14°50	13°39	21°12	5° 6	T 26
W27	10 55 1	15°37'25	17°54	23°11	21°45	23°26	7°47	5° 8	8°36	11°28	15° 1	14°45	13°35	21°18	5° 9	W27
T 28	10 58 57	16°37'05	2♏13	25° 9	21° 8	23°20	7°56	5°15	8°38	11°28	15° 3	14°40	13°32	21°25	5°12	T 28
F 29	11 2 54	17♓36'44	16♏ 3	27♓ 8	20♓31	23♎13	8♑ 5	5♈22	8♑40	11♐29	15♓ 4	14♒36	13♒29	21♒32	5♑15	F 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	15s 0	19s 0	5s15	20s46	1s54	2n55	4n52	6s 3	2n40	23s19	0n10	1s15	2s17	23s38	0s19	20s44	1n29	20s 8	15s12	16s23	16s24	15s 4	17s53	5n36
S 2	14 41	23 4	5 16	20 24	1 57	3 13	5 4	6 7	2 40	23 19	0 10	1 12	2 17	23 37	0 19	20 44	1 29	20 7	15 12	16 23	16 25	15 1	17 53	5 36
S 3	14 22	25 52	5 2	20 1	2 0	3 30	5 15	6 11	2 41	23 19	0 10	1 9	2 17	23 37	0 19	20 44	1 29	20 6	15 12	16 23	16 26	14 58	17 52	5 37
M 4	14 2	27 19	4 33	19 36	2 2	3 46	5 27	6 14	2 41	23 18	0 10	1 7	2 17	23 37	0 19	20 44	1 29	20 6	15 11	16 23	16 27	14 55	17 52	5 37
T 5	13 42	27 23	3 52	19 9	2 3	4 2	5 38	6 17	2 42	23 18	0 10	1 4	2 17	23 37	0 19	20 44	1 29	20 5	15 11	16 22	16 28	14 52	17 51	5 37
W 6	13 22	26 9	3 2	18 41	2 5	4 16	5 50	6 20	2 43	23 18	0 10	1 1	2 17	23 37	0 19	20 45	1 29	20 4	15 11	16 22	16 29	14 49	17 51	5 38
T 7	13 2	23 44	2 4	18 12	2 6	4 30	6 1	6 23	2 43	23 18	0 10	0 58	2 17	23 37	0 19	20 45	1 29	20 4	15 11	16 22	16 30	14 47	17 50	5 38
F 8	12 41	20 19	1 1	17 41	2 6	4 42	6 13	6 26	2 44	23 17	0 10	0 56	2 17	23 37	0 19	20 45	1 29	20 3	15 11	16 22	16 31	14 44	17 50	5 39
S 9	12 21	16 6	0n 4	17 9	2 7	4 54	6 24	6 28	2 44	23 17	0 9	0 53	2 16	23 36	0 19	20 45	1 29	20 2	15 11	16 22	16 32	14 41	17 49	5 39
S 10	12 0	11 17	1 9	16 35	2 6	5 4	6 35	6 30	2 45	23 17	0 9	0 50	2 16	23 36	0 19	20 45	1 29	20 2	15 11	16 22	16 33	14 38	17 48	5 40
M11	11 39	6 3	2 11	15 59	2 6	5 14	6 46	6 32	2 45	23 16	0 9	0 47	2 16	23 36	0 19	20 45	1 29	20 1	15 11	16 22	16 34	14 35	17 48	5 40
T 12	11 17	0 35	3 7	15 22	2 4	5 22	6 57	6 33	2 46	23 16	0 9	0 45	2 16	23 36	0 19	20 45	1 29	20 0	15 11	16 23	16 35	14 32	17 47	5 41
W13	10 56	4n56	3 56	14 44	2 3	5 29	7 7	6 35	2 46	23 16	0 9	0 42	2 16	23 36	0 19	20 45	1 29	20 0	15 11	16 23	16 36	14 29	17 47	5 41
T 14	10 34	10 21	4 35	14 4	2 1	5 34	7 17	6 36	2 47	23 15	0 9	0 39	2 16	23 36	0 19	20 45	1 29	19 59	15 11	16 24	16 36	14 26	17 46	5 42
F 15	10 12	15 26	5 2	13 22	1 58	5 39	7 27	6 37	2 47	23 15	0 9	0 36	2 16	23 36	0 19	20 45	1 29	19 58	15 11	16 25	16 37	14 23	17 45	5 42
S 16	9 51	19 58	5 15	12 39	1 55	5 42	7 37	6 38	2 48	23 15	0 9	0 33	2 16	23 36	0 19	20 45	1 30	19 58	15 10	16 26	16 38	14 20	17 45	5 42
S 17	9 28	23 41	5 12	11 55	1 51	5 43	7 46	6 38	2 48	23 14	0 9	0 30	2 16	23 35	0 19	20 45	1 30	19 57	15 10	16 26	16 39	14 17	17 44	5 43
M18	9 6	26 17	4 54	11 9	1 47	5 43	7 54	6 38	2 48	23 14	0 9	0 27	2 15	23 35	0 19	20 45	1 30	19 56	15 10	16 26	16 40	14 14	17 44	5 43
T 19	8 44	27 27	4 18	10 22	1 42	5 42	8 2	6 38	2 49	23 13	0 9	0 24	2 15	23 35	0 19	20 45	1 30	19 56	15 10	16 26	16 41	14 11	17 43	5 44
W20	8 21	26 55	3 27	9 34	1 36	5 39	8 9	6 38	2 49	23 13	0 9	0 22	2 15	23 35	0 19	20 45	1 30	19 55	15 10	16 26	16 42	14 9	17 42	5 44
T 21	7 59	24 37	2 22	8 44	1 31	5 35	8 16	6 38	2 49	23 13	0 8	0 19	2 15	23 35	0 19	20 45	1 30	19 55	15 10	16 25	16 43	14 6	17 42	5 45
F 22	7 36	20 38	1 6	7 53	1 24	5 29	8 22	6 37	2 49	23 12	0 8	0 16	2 15	23 35	0 19	20 45	1 30	19 54	15 10	16 25	16 44	14 3	17 41	5 45
S 23	7 13	15 16	0s16	7 1	1 17	5 22	8 27	6 36	2 50	23 12	0 8	0 13	2 15	23 35	0 19	20 45	1 30	19 53	15 10	16 25	16 45	14 0	17 40	5 46
S 24	6 51	8 54	1 38	6 7	1 9	5 13	8 31	6 35	2 50	23 11	0 8	0 10	2 15	23 35	0 19	20 45	1 30	19 53	15 10	16 25	16 46	13 57	17 40	5 47
M25	6 28	2 2	2 53	5 13	1 1	5 3	8 35	6 34	2 50	23 11	0 8	0 7	2 15	23 35	0 19	20 45	1 30	19 52	15 10	16 26	16 47	13 54	17 39	5 47
T 26	6 4	4s52	3 54	4 18	0 52	4 52	8 37	6 32	2 50	23 10	0 8	0 4	2 15	23 34	0 19	20 45	1 30	19 52	15 10	16 27	16 48	13 51	17 39	5 48
W27	5 41	11 21	4 39	3 22	0 43	4 40	8 39	6 30	2 50	23 10	0 8	0 1	2 15	23 34	0 19	20 45	1 30	19 51	15 10	16 28	16 48	13 48	17 38	5 48
T 28	5 18	17 4	5 6	2 26	0 33	4 26	8 40	6 28	2 50	23 10	0 8	0n 2	2 15	23 34	0 19	20 45	1 30	19 50	15 10	16 30	16 49	13 45	17 37	5 49
F 29	4s55	21s41	5s13	1s29	0s23	4n11	8n39	6s25	2n50	23s 9	0n 8	0n 5	2s15	23s34	0s19	20s45	1n30	19s50	15s10	16s31	16s50	13s42	17s37	5n49

Julian Day Number = 2203218.5, Delta T = 09m53s
Ecliptic obliquity = 23°31'46, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°15'26, Lahiri = 14°22'27 Julian Calendar 1 Feb. 1320 == Greg. Calendar 9 Feb. 1320

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ASTRODIENST EPHEMERIS for the year 1320
geocentric

MARCH 1320 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	11 6 50	18♓36'20	29♏25	29♓ 5	19°R53	23°R 6	8♑13	5♈30	8♑41	11♐29	15♓ 6	14°R33	13♒26	21♒38	5♑18	S 1
S 2	11 10 47	19°35'55	12♐21	1♈ 1	19♓15	22♎58	8°22	5°37	8°43	11°29	15° 8	14♒32	13°23	21°45	5°21	S 2
M 3	11 14 43	20°35'28	24°53	2°56	18°38	22°49	8°30	5°45	8°45	11°29	15° 9	14°D31	13°19	21°51	5°24	M 3
T 4	11 18 40	21°34'59	7♑ 6	4°49	18° 0	22°39	8°38	5°52	8°46	11°29	15°11	14°32	13°16	21°58	5°26	T 4
W 5	11 22 37	22°34'29	19° 5	6°39	17°23	22°28	8°46	6° 0	8°48	11°29	15°12	14°34	13°13	22° 5	5°29	W 5
T 6	11 26 33	23°33'56	0♒56	8°27	16°47	22°17	8°54	6° 7	8°50	11°R29	15°14	14°36	13°10	22°11	5°32	T 6
F 7	11 30 30	24°33'22	12°42	10°11	16°13	22° 5	9° 2	6°15	8°51	11°29	15°15	14°R36	13° 7	22°18	5°34	F 7
S 8	11 34 26	25°32'46	24°28	11°52	15°39	21°52	9°10	6°22	8°53	11°29	15°17	14°36	13° 4	22°25	5°37	S 8
S 9	11 38 23	26°32'07	6♓18	13°28	15° 7	21°39	9°17	6°30	8°54	11°29	15°18	14°33	13° 0	22°31	5°39	S 9
M10	11 42 19	27°31'27	18°13	15° 0	14°37	21°24	9°25	6°37	8°55	11°29	15°20	14°29	12°57	22°38	5°41	M10
T 11	11 46 16	28°30'45	0♈17	16°28	14° 8	21° 9	9°32	6°45	8°57	11°29	15°21	14°23	12°54	22°45	5°43	T 11
W12	11 50 12	29°30'00	12°30	17°50	13°42	20°54	9°39	6°52	8°58	11°28	15°23	14°15	12°51	22°51	5°45	W12
T 13	11 54 9	0♈29'14	24°53	19° 6	13°17	20°38	9°46	7° 0	8°59	11°28	15°24	14° 6	12°48	22°58	5°47	T 13
F 14	11 58 5	1°28'25	7♉28	20°17	12°55	20°21	9°53	7° 8	9° 0	11°28	15°26	13°57	12°45	23° 5	5°49	F 14
S 15	12 2 2	2°27'34	20°16	21°22	12°35	20° 3	9°59	7°15	9° 1	11°28	15°27	13°50	12°41	23°11	5°51	S 15
S 16	12 5 59	3°26'41	3♊16	22°20	12°17	19°45	10° 6	7°23	9° 2	11°27	15°29	13°44	12°38	23°18	5°53	S 16
M17	12 9 55	4°25'46	16°31	23°12	12° 2	19°26	10°12	7°31	9° 3	11°27	15°30	13°40	12°35	23°25	5°55	M17
T 18	12 13 52	5°24'48	0♋ 2	23°58	11°49	19° 7	10°18	7°38	9° 4	11°27	15°32	13°D39	12°32	23°31	5°56	T 18
W19	12 17 48	6°23'48	13°49	24°36	11°39	18°47	10°24	7°46	9° 5	11°26	15°33	13°39	12°29	23°38	5°58	W19
T 20	12 21 45	7°22'46	27°54	25° 8	11°31	18°27	10°30	7°53	9° 6	11°26	15°35	13°40	12°25	23°44	5°59	T 20
F 21	12 25 41	8°21'41	12♌16	25°33	11°25	18° 7	10°36	8° 1	9° 7	11°25	15°36	13°R40	12°22	23°51	6° 0	F 21
S 22	12 29 38	9°20'34	26°52	25°52	11°22	17°46	10°41	8° 9	9° 8	11°25	15°38	13°40	12°19	23°58	6° 2	S 22
S 23	12 33 34	10°19'24	11♍40	26° 3	11°D22	17°24	10°47	8°16	9° 8	11°24	15°39	13°37	12°16	24° 4	6° 3	S 23
M24	12 37 31	11°18'12	26°32	26°R 8	11°23	17° 3	10°52	8°24	9° 9	11°24	15°40	13°32	12°13	24°11	6° 4	M24
T 25	12 41 28	12°16'58	11♎20	26° 7	11°27	16°41	10°57	8°31	9°10	11°23	15°42	13°24	12°10	24°18	6° 5	T 25
W26	12 45 24	13°15'42	25°56	25°59	11°34	16°18	11° 2	8°39	9°10	11°22	15°43	13°15	12° 6	24°24	6° 6	W26
T 27	12 49 21	14°14'25	10♏13	25°45	11°42	15°56	11° 7	8°47	9°11	11°22	15°45	13° 5	12° 3	24°31	6° 7	T 27
F 28	12 53 17	15°13'05	24° 6	25°26	11°53	15°34	11°11	8°54	9°11	11°21	15°46	12°56	12° 0	24°38	6° 8	F 28
S 29	12 57 14	16°11'44	7♐32	25° 2	12° 6	15°11	11°16	9° 2	9°11	11°20	15°47	12°48	11°57	24°44	6° 8	S 29
S 30	13 1 10	17°10'21	20°32	24°33	12°21	14°48	11°20	9° 9	9°12	11°19	15°49	12°43	11°54	24°51	6° 9	S 30
M31	13 5 7	18♈ 8'56	3♑ 8	24♈ 1	12♓38	14♎25	11♑24	9♈17	9♑12	11♐19	15♓50	12♒40	11♒51	24♒58	6♑ 9	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	4s31	25s 1	5s 2	0s33	0s12	3n55	8n38	6s23	2n50	23s 9	0n 8	0n 8	2s15	23s34	0s19	20s45	1n30	19s49	15s10	16s32	16s51	13s39	17s36	5n50
S 2	4 8	26 56	4 37	0n24	0 0	3 38	8 36	6 20	2 50	23 8	0 8	0 11	2 15	23 34	0 19	20 45	1 30	19 49	15 10	16 32	16 52	13 36	17 35	5 50
M 3	3 45	27 24	3 59	1 21	0n11	3 21	8 33	6 17	2 50	23 8	0 7	0 14	2 15	23 34	0 20	20 45	1 30	19 48	15 11	16 32	16 53	13 33	17 35	5 51
T 4	3 21	26 31	3 11	2 16	0 23	3 3	8 29	6 13	2 49	23 7	0 7	0 17	2 14	23 34	0 20	20 45	1 30	19 47	15 11	16 32	16 54	13 30	17 34	5 51
W 5	2 57	24 23	2 15	3 11	0 35	2 44	8 24	6 10	2 49	23 7	0 7	0 20	2 14	23 34	0 20	20 45	1 30	19 47	15 11	16 31	16 55	13 27	17 33	5 52
T 6	2 34	21 14	1 14	4 5	0 48	2 25	8 18	6 6	2 49	23 7	0 7	0 23	2 14	23 34	0 20	20 45	1 30	19 46	15 11	16 31	16 56	13 24	17 33	5 52
F 7	2 10	17 14	0 10	4 58	1 0	2 5	8 11	6 2	2 48	23 6	0 7	0 26	2 14	23 34	0 20	20 45	1 30	19 46	15 11	16 31	16 57	13 21	17 32	5 53
S 8	1 47	12 35	0n53	5 49	1 12	1 45	8 4	5 57	2 48	23 6	0 7	0 29	2 14	23 33	0 20	20 45	1 30	19 45	15 11	16 31	16 58	13 18	17 31	5 54
S 9	1 23	7 27	1 55	6 38	1 25	1 25	7 55	5 53	2 47	23 5	0 7	0 32	2 14	23 33	0 20	20 45	1 30	19 45	15 11	16 32	16 58	13 15	17 31	5 54
M10	0 59	2 2	2 52	7 25	1 37	1 5	7 46	5 48	2 47	23 5	0 7	0 35	2 14	23 33	0 20	20 45	1 31	19 44	15 11	16 33	16 59	13 12	17 30	5 55
T 11	0 36	3n30	3 42	8 10	1 49	0 46	7 37	5 43	2 46	23 4	0 7	0 38	2 14	23 33	0 20	20 45	1 31	19 44	15 11	16 35	17 0	13 9	17 29	5 55
W12	0 12	8 58	4 22	8 52	2 0	0 26	7 27	5 38	2 46	23 4	0 7	0 41	2 14	23 33	0 20	20 45	1 31	19 43	15 11	16 37	17 1	13 6	17 29	5 56
T 13	0n12	14 10	4 51	9 31	2 11	0 7	7 16	5 32	2 45	23 4	0 7	0 44	2 14	23 33	0 20	20 45	1 31	19 43	15 11	16 40	17 2	13 3	17 28	5 56
F 14	0 35	18 52	5 6	10 8	2 21	0s12	7 5	5 27	2 44	23 3	0 6	0 47	2 14	23 33	0 20	20 45	1 31	19 42	15 11	16 42	17 3	13 0	17 27	5 57
S 15	0 59	22 47	5 6	10 41	2 31	0 30	6 53	5 21	2 43	23 3	0 6	0 50	2 14	23 33	0 20	20 45	1 31	19 42	15 12	16 44	17 4	12 57	17 27	5 58
S 16	1 22	25 38	4 50	11 11	2 39	0 48	6 41	5 15	2 42	23 2	0 6	0 53	2 14	23 33	0 20	20 44	1 31	19 41	15 12	16 46	17 5	12 54	17 26	5 58
M17	1 46	27 8	4 19	11 38	2 47	1 5	6 29	5 9	2 41	23 2	0 6	0 56	2 14	23 33	0 20	20 44	1 31	19 41	15 12	16 47	17 6	12 51	17 25	5 59
T 18	2 10	27 5	3 33	12 2	2 54	1 21	6 17	5 3	2 40	23 2	0 6	0 59	2 14	23 33	0 20	20 44	1 31	19 40	15 12	16 47	17 7	12 48	17 25	5 59
W19	2 33	25 21	2 33	12 22	3 0	1 37	6 4	4 57	2 39	23 1	0 6	1 2	2 14	23 33	0 20	20 44	1 31	19 40	15 12	16 47	17 7	12 45	17 24	6 0
T 20	2 56	22 2	1 24	12 38	3 5	1 51	5 51	4 50	2 37	23 1	0 6	1 5	2 14	23 33	0 20	20 44	1 31	19 39	15 12	16 47	17 8	12 42	17 23	6 1
F 21	3 20	17 18	0 8	12 51	3 9	2 5	5 38	4 44	2 36	23 1	0 6	1 8	2 14	23 33	0 20	20 44	1 31	19 39	15 12	16 47	17 9	12 39	17 23	6 1
S 22	3 43	11 30	1s10	13 0	3 11	2 19	5 25	4 37	2 34	23 0	0 6	1 11	2 14	23 33	0 20	20 44	1 31	19 39	15 12	16 47	17 10	12 36	17 22	6 2
S 23	4 6	5 0	2 24	13 5	3 13	2 31	5 12	4 30	2 33	23 0	0 6	1 14	2 14	23 33	0 20	20 44	1 31	19 38	15 13	16 48	17 11	12 33	17 21	6 2
M24	4 29	1s48	3 29	13 7	3 12	2 42	4 59	4 23	2 31	23 0	0 5	1 17	2 14	23 33	0 20	20 44	1 31	19 38	15 13	16 50	17 12	12 30	17 21	6 3
T 25	4 52	8 28	4 19	13 5	3 11	2 53	4 46	4 17	2 30	22 59	0 5	1 20	2 14	23 33	0 20	20 44	1 31	19 37	15 13	16 52	17 13	12 27	17 20	6 3
W26	5 15	14 34	4 51	12 59	3 7	3 2	4 34	4 10	2 28	22 59	0 5	1 23	2 14	23 33	0 20	20 43	1 31	19 37	15 13	16 54	17 14	12 24	17 20	6 4
T 27	5 38	19 44	5 4	12 49	3 3	3 11	4 21	4 3	2 26	22 59	0 5	1 26	2 14	23 33	0 20	20 43	1 31	19 36	15 13	16 57	17 15	12 21	17 19	6 5
F 28	6 1	23 41	4 59	12 37	2 57	3 18	4 8	3 56	2 24	22 58	0 5	1 29	2 14	23 33	0 20	20 43	1 31	19 36	15 13	17 0	17 15	12 18	17 18	6 5
S 29	6 24	26 12	4 37	12 21	2 49	3 25	3 56	3 49	2 22	22 58	0 5	1 32	2 14	23 33	0 20	20 43	1 31	19 36	15 14	17 2	17 16	12 15	17 18	6 6
S 30	6 46	27 12	4 1	12 2	2 40	3 31	3 43	3 42	2 20	22 58	0 5	1 35	2 14	23 33	0 20	20 43	1 31	19 35	15 14	17 3	17 17	12 12	17 17	6 6
M31	7n 9	26s44	3s15	11n40	2n29	3s36	3n31	3s35	2n18	22s58	0n 5	1n38	2s14	23s33	0s20	20s43	1n31	19s35	15s14	17s 4	17s18	12s 9	17s16	6n 7

Julian Day Number = 2203247.5, Delta T = 09m53s
Ecliptic obliquity = 23°31'46, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°15'30, Lahiri = 14°22'31 Julian Calendar 1 March 1320 == Greg. Calendar 9 March 1320

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ASTRODIENST EPHEMERIS for the year 1320
geocentric

APRIL 1320 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	13 9 3	19♈ 7'30	15♉23	23°R25	12♓57	14°R 3	11♉28	9♈25	9♉12	11°R18	15♓51	12°D38	11♒47	25♒ 4	6♉10	T 1
W 2	13 13 0	20° 6'01	27°24	22♈46	13°17	13♎40	11°31	9°32	9°13	11♐17	15°53	12♒39	11°44	25°11	6°10	W 2
T 3	13 16 57	21° 4'32	9♒15	22° 6	13°40	13°18	11°35	9°40	9°13	11°16	15°54	12°R39	11°41	25°18	6°10	T 3
F 4	13 20 53	22° 3'00	21° 2	21°25	14° 4	12°55	11°38	9°47	9°13	11°15	15°55	12°39	11°38	25°24	6°10	F 4
S 5	13 24 50	23° 1'27	2♓50	20°43	14°30	12°33	11°41	9°55	9°R13	11°14	15°57	12°37	11°35	25°31	6°R11	S 5
S 6	13 28 46	23°59'52	14°43	20° 2	14°57	12°11	11°44	10° 2	9°13	11°13	15°58	12°33	11°31	25°37	6°11	S 6
M 7	13 32 43	24°58'15	26°45	19°22	15°27	11°49	11°47	10°10	9°13	11°12	15°59	12°26	11°28	25°44	6°10	M 7
T 8	13 36 39	25°56'37	8♈59	18°44	15°57	11°28	11°50	10°17	9°13	11°11	16° 0	12°16	11°25	25°51	6°10	T 8
W 9	13 40 36	26°54'56	21°26	18° 8	16°29	11° 7	11°52	10°25	9°12	11°10	16° 2	12° 4	11°22	25°57	6°10	W 9
T 10	13 44 32	27°53'14	4♉ 8	17°36	17° 2	10°46	11°54	10°32	9°12	11° 9	16° 3	11°52	11°19	26° 4	6°10	T 10
F 11	13 48 29	28°51'31	17° 2	17° 7	17°37	10°26	11°56	10°39	9°12	11° 8	16° 4	11°39	11°16	26°11	6° 9	F 11
S 12	13 52 26	29°49'45	0♊10	16°42	18°13	10° 7	11°58	10°47	9°12	11° 7	16° 5	11°28	11°12	26°17	6° 9	S 12
S 13	13 56 22	0♉47'58	13°29	16°21	18°50	9°48	12° 0	10°54	9°11	11° 6	16° 7	11°19	11° 9	26°24	6° 8	S 13
M14	14 0 19	1°46'08	26°58	16° 4	19°28	9°29	12° 1	11° 1	9°11	11° 5	16° 8	11°12	11° 6	26°31	6° 8	M14
T 15	14 4 15	2°44'17	10♋38	15°52	20° 8	9°11	12° 3	11° 9	9°10	11° 4	16° 9	11° 9	11° 3	26°37	6° 7	T 15
W16	14 8 12	3°42'24	24°28	15°45	20°48	8°54	12° 4	11°16	9°10	11° 3	16°10	11° 7	11° 0	26°44	6° 6	W16
T 17	14 12 8	4°40'28	8♌28	15°D42	21°30	8°37	12° 5	11°23	9° 9	11° 1	16°11	11° 7	10°56	26°51	6° 5	T 17
F 18	14 16 5	5°38'31	22°37	15°45	22°12	8°21	12° 6	11°30	9° 9	11° 0	16°12	11° 7	10°53	26°57	6° 4	F 18
S 19	14 20 1	6°36'31	6♍55	15°52	22°56	8° 6	12° 6	11°38	9° 8	10°59	16°13	11° 5	10°50	27° 4	6° 3	S 19
S 20	14 23 58	7°34'30	21°19	16° 3	23°40	7°51	12° 7	11°45	9° 7	10°58	16°14	11° 1	10°47	27°11	6° 2	S 20
M21	14 27 55	8°32'27	5♎46	16°20	24°25	7°37	12°R 7	11°52	9° 7	10°56	16°15	10°55	10°44	27°17	6° 1	M21
T 22	14 31 51	9°30'21	20°11	16°40	25°12	7°24	12° 7	11°59	9° 6	10°55	16°16	10°46	10°41	27°24	5°59	T 22
W23	14 35 48	10°28'15	4♏27	17° 5	25°59	7°12	12° 7	12° 6	9° 5	10°54	16°17	10°34	10°37	27°31	5°58	W23
T 24	14 39 44	11°26'07	18°28	17°35	26°46	7° 0	12° 6	12°13	9° 4	10°52	16°18	10°22	10°34	27°37	5°56	T 24
F 25	14 43 41	12°23'57	2♐10	18° 8	27°35	6°49	12° 6	12°20	9° 3	10°51	16°19	10°11	10°31	27°44	5°55	F 25
S 26	14 47 37	13°21'46	15°30	18°45	28°24	6°39	12° 5	12°27	9° 2	10°50	16°20	10° 1	10°28	27°50	5°53	S 26
S 27	14 51 34	14°19'34	28°27	19°27	29°14	6°30	12° 4	12°34	9° 1	10°48	16°21	9°53	10°25	27°57	5°52	S 27
M28	14 55 30	15°17'20	11♑ 3	20°11	0♈ 5	6°22	12° 3	12°41	9° 0	10°47	16°22	9°49	10°22	28° 4	5°50	M28
T 29	14 59 27	16°15'05	23°19	21° 0	0°56	6°14	12° 1	12°47	8°59	10°45	16°23	9°46	10°18	28°10	5°48	T 29
W30	15 3 24	17♉12'49	5♒21	21♈52	1♈48	6♎ 7	12♑ 0	12♈54	8♑58	10♐44	16♓24	9♒45	10♒15	28♒17	5♑46	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	7n31	24s58	2s20	11n15	2n18	3s40	3n19	3s28	2n16	22s57	0n 5	1n41	2s15	23s33	0s20	20s43	1n31	19s35	15s14	17s 5	17s19	12s 6	17s16	6n 8
W 2	7 53	22 4	1 21	10 49	2 5	3 43	3 7	3 21	2 14	22 57	0 5	1 44	2 15	23 33	0 20	20 42	1 31	19 34	15 14	17 5	17 20	12 3	17 15	6 8
T 3	8 15	18 18	0 18	10 21	1 51	3 45	2 56	3 15	2 12	22 57	0 4	1 47	2 15	23 33	0 20	20 42	1 31	19 34	15 15	17 5	17 21	12 0	17 15	6 9
F 4	8 37	13 50	0n45	9 52	1 36	3 46	2 44	3 8	2 9	22 57	0 4	1 50	2 15	23 33	0 20	20 42	1 32	19 34	15 15	17 5	17 22	11 57	17 14	6 9
S 5	8 59	8 52	1 45	9 21	1 20	3 46	2 33	3 2	2 7	22 57	0 4	1 53	2 15	23 33	0 20	20 42	1 32	19 33	15 15	17 5	17 23	11 54	17 13	6 10
S 6	9 21	3 33	2 42	8 51	1 4	3 46	2 22	2 55	2 5	22 56	0 4	1 55	2 15	23 33	0 20	20 42	1 32	19 33	15 15	17 6	17 23	11 51	17 13	6 11
M 7	9 42	1n56	3 32	8 20	0 47	3 45	2 11	2 49	2 2	22 56	0 4	1 58	2 15	23 33	0 20	20 42	1 32	19 33	15 16	17 8	17 24	11 48	17 12	6 11
T 8	10 4	7 26	4 12	7 50	0 30	3 43	2 1	2 43	2 0	22 56	0 4	2 1	2 15	23 33	0 20	20 41	1 32	19 32	15 16	17 11	17 25	11 45	17 12	6 12
W 9	10 25	12 45	4 42	7 21	0 13	3 40	1 50	2 37	1 57	22 56	0 4	2 4	2 15	23 33	0 20	20 41	1 32	19 32	15 16	17 14	17 26	11 41	17 11	6 12
T 10	10 46	17 37	4 58	6 53	0s 4	3 36	1 40	2 31	1 55	22 56	0 4	2 7	2 15	23 33	0 20	20 41	1 32	19 32	15 16	17 18	17 27	11 38	17 11	6 13
F 11	11 7	21 46	5 0	6 26	0 20	3 32	1 30	2 26	1 52	22 56	0 4	2 10	2 15	23 33	0 20	20 41	1 32	19 32	15 17	17 21	17 28	11 35	17 10	6 14
S 12	11 27	24 54	4 45	6 1	0 37	3 27	1 21	2 21	1 49	22 56	0 3	2 13	2 15	23 33	0 21	20 41	1 32	19 31	15 17	17 24	17 29	11 32	17 9	6 14
S 13	11 48	26 44	4 15	5 39	0 52	3 21	1 11	2 16	1 47	22 56	0 3	2 15	2 15	23 33	0 21	20 41	1 32	19 31	15 17	17 27	17 30	11 29	17 9	6 15
M14	12 8	27 1	3 31	5 18	1 8	3 14	1 2	2 11	1 44	22 56	0 3	2 18	2 15	23 33	0 21	20 40	1 32	19 31	15 17	17 29	17 30	11 26	17 8	6 15
T 15	12 28	25 39	2 34	5 0	1 22	3 7	0 53	2 6	1 41	22 56	0 3	2 21	2 15	23 33	0 21	20 40	1 32	19 31	15 18	17 30	17 31	11 23	17 8	6 16
W16	12 48	22 44	1 27	4 45	1 36	2 59	0 44	2 2	1 38	22 56	0 3	2 24	2 16	23 33	0 21	20 40	1 32	19 31	15 18	17 30	17 32	11 20	17 7	6 16
T 17	13 8	18 27	0 14	4 32	1 49	2 50	0 35	1 58	1 36	22 56	0 3	2 26	2 16	23 33	0 21	20 40	1 32	19 30	15 18	17 30	17 33	11 17	17 7	6 17
F 18	13 27	13 4	1s 0	4 22	2 1	2 41	0 27	1 54	1 33	22 56	0 3	2 29	2 16	23 33	0 21	20 40	1 32	19 30	15 18	17 30	17 34	11 14	17 6	6 18
S 19	13 46	6 58	2 12	4 14	2 12	2 32	0 19	1 51	1 30	22 56	0 3	2 32	2 16	23 33	0 21	20 39	1 32	19 30	15 19	17 31	17 35	11 11	17 6	6 18
S 20	14 5	0 28	3 15	4 9	2 22	2 21	0 11	1 47	1 27	22 56	0 2	2 35	2 16	23 34	0 21	20 39	1 32	19 30	15 19	17 32	17 36	11 8	17 5	6 19
M21	14 24	6s 4	4 6	4 7	2 32	2 10	0 3	1 44	1 25	22 56	0 2	2 37	2 16	23 34	0 21	20 39	1 32	19 30	15 19	17 34	17 37	11 5	17 5	6 19
T 22	14 43	12 15	4 42	4 7	2 40	1 59	0s 4	1 42	1 22	22 56	0 2	2 40	2 16	23 34	0 21	20 39	1 32	19 30	15 20	17 36	17 37	11 2	17 4	6 20
W23	15 1	17 44	4 59	4 9	2 48	1 47	0 11	1 39	1 19	22 56	0 2	2 43	2 16	23 34	0 21	20 39	1 32	19 29	15 20	17 39	17 38	10 59	17 4	6 20
T 24	15 19	22 9	4 57	4 14	2 55	1 34	0 18	1 37	1 16	22 57	0 2	2 45	2 16	23 34	0 21	20 38	1 32	19 29	15 20	17 42	17 39	10 55	17 3	6 21
F 25	15 37	25 14	4 39	4 21	3 1	1 21	0 25	1 36	1 14	22 57	0 2	2 48	2 17	23 34	0 21	20 38	1 32	19 29	15 20	17 45	17 40	10 52	17 3	6 21
S 26	15 55	26 48	4 5	4 31	3 6	1 8	0 32	1 34	1 11	22 57	0 2	2 50	2 17	23 34	0 21	20 38	1 32	19 29	15 21	17 48	17 41	10 49	17 2	6 22
S 27	16 12	26 51	3 20	4 43	3 10	0 54	0 38	1 33	1 8	22 57	0 2	2 53	2 17	23 34	0 21	20 38	1 32	19 29	15 21	17 50	17 42	10 46	17 2	6 22
M28	16 29	25 29	2 26	4 56	3 13	0 39	0 45	1 32	1 5	22 57	0 1	2 56	2 17	23 34	0 21	20 38	1 32	19 29	15 21	17 52	17 43	10 43	17 1	6 23
T 29	16 46	22 55	1 26	5 12	3 16	0 24	0 51	1 31	1 3	22 58	0 1	2 58	2 17	23 34	0 21	20 37	1 32	19 29	15 22	17 52	17 43	10 40	17 1	6 23
W30	17n 2	19s23	0s23	5n30	3s17	0s 9	0s57	1s31	1n 0	22s58	0n 1	3n 1	2s17	23s34	0s21	20s37	1n32	19s29	15s22	17s52	17s44	10s37	17s 1	6n24

Julian Day Number = 2203278.5, Delta T = 09m53s
Ecliptic obliquity = 23°31'46, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°15'35, Lahiri = 14°22'35 Julian Calendar 1 Apr. 1320 == Greg. Calendar 9 Apr. 1320

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ASTRODIENST EPHEMERIS for the year 1320
geocentric

MAY 1320 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	15 7 20	18♉10'32	17♒14	22♈47	2♈41	6°R 1	11°R58	13♈ 1	8°R57	10°R43	16♓25	9°R45	10♒12	28♒24	5°R44	T 1
F 2	15 11 17	19° 8'14	29° 2	23°45	3°34	5♎56	11♑56	13° 8	8♑55	10♐41	16°26	9♒45	10° 9	28°30	5♑42	F 2
S 3	15 15 13	20° 5'54	10♓52	24°47	4°27	5°51	11°54	13°14	8°54	10°40	16°26	9°43	10° 6	28°37	5°40	S 3
S 4	15 19 10	21° 3'34	22°49	25°52	5°22	5°48	11°52	13°21	8°53	10°38	16°27	9°40	10° 2	28°44	5°38	S 4
M 5	15 23 6	22° 1'12	4♈57	26°59	6°16	5°45	11°50	13°27	8°51	10°37	16°28	9°33	9°59	28°50	5°36	M 5
T 6	15 27 3	22°58'49	17°19	28°10	7°12	5°43	11°47	13°34	8°50	10°35	16°29	9°25	9°56	28°57	5°33	T 6
W 7	15 30 59	23°56'26	29°58	29°23	8° 8	5°41	11°44	13°40	8°49	10°34	16°29	9°14	9°53	29° 4	5°31	W 7
T 8	15 34 56	24°54'01	12♉55	0♉39	9° 4	5°D41	11°41	13°47	8°47	10°32	16°30	9° 2	9°50	29°10	5°28	T 8
F 9	15 38 53	25°51'35	26°10	1°58	10° 0	5°41	11°38	13°53	8°46	10°30	16°31	8°50	9°47	29°17	5°26	F 9
S 10	15 42 49	26°49'08	9♊40	3°19	10°57	5°42	11°35	13°59	8°44	10°29	16°32	8°39	9°43	29°24	5°23	S 10
S 11	15 46 46	27°46'40	23°23	4°43	11°55	5°44	11°31	14° 6	8°42	10°27	16°32	8°31	9°40	29°30	5°21	S 11
M12	15 50 42	28°44'11	7♋16	6°10	12°53	5°47	11°28	14°12	8°41	10°26	16°33	8°25	9°37	29°37	5°18	M12
T 13	15 54 39	29°41'40	21°15	7°39	13°51	5°50	11°24	14°18	8°39	10°24	16°33	8°21	9°34	29°44	5°15	T 13
W14	15 58 35	0♊39'09	5♌19	9°11	14°50	5°55	11°20	14°24	8°37	10°23	16°34	8°D20	9°31	29°50	5°13	W14
T 15	16 2 32	1°36'35	19°26	10°45	15°49	5°59	11°15	14°30	8°36	10°21	16°35	8°21	9°28	29°57	5°10	T 15
F 16	16 6 28	2°34'01	3♍34	12°22	16°48	6° 5	11°11	14°36	8°34	10°19	16°35	8°R21	9°24	0♓ 4	5° 7	F 16
S 17	16 10 25	3°31'25	17°42	14° 2	17°48	6°11	11° 7	14°42	8°32	10°18	16°36	8°20	9°21	0°10	5° 4	S 17
S 18	16 14 22	4°28'48	1♎50	15°44	18°48	6°19	11° 2	14°48	8°30	10°16	16°36	8°17	9°18	0°17	5° 1	S 18
M19	16 18 18	5°26'10	15°54	17°28	19°48	6°26	10°57	14°54	8°28	10°15	16°37	8°12	9°15	0°24	4°58	M19
T 20	16 22 15	6°23'30	29°53	19°15	20°49	6°35	10°52	14°59	8°26	10°13	16°37	8° 5	9°12	0°30	4°55	T 20
W21	16 26 11	7°20'50	13♏42	21° 4	21°50	6°44	10°47	15° 5	8°25	10°11	16°38	7°56	9° 8	0°37	4°51	W21
T 22	16 30 8	8°18'09	27°20	22°56	22°51	6°54	10°42	15°11	8°23	10°10	16°38	7°46	9° 5	0°43	4°48	T 22
F 23	16 34 4	9°15'27	10♐41	24°50	23°53	7° 4	10°36	15°16	8°21	10° 8	16°38	7°36	9° 2	0°50	4°45	F 23
S 24	16 38 1	10°12'44	23°46	26°47	24°55	7°15	10°31	15°22	8°19	10° 7	16°39	7°28	8°59	0°57	4°42	S 24
S 25	16 41 57	11°10'01	6♑32	28°45	25°57	7°27	10°25	15°27	8°17	10° 5	16°39	7°22	8°56	1° 3	4°38	S 25
M26	16 45 54	12° 7'17	19° 0	0♊46	26°59	7°39	10°19	15°32	8°14	10° 3	16°39	7°18	8°53	1°10	4°35	M26
T 27	16 49 51	13° 4'33	1♒13	2°49	28° 2	7°52	10°13	15°38	8°12	10° 2	16°40	7°16	8°49	1°17	4°32	T 27
W28	16 53 47	14° 1'48	13°14	4°54	29° 4	8° 5	10° 7	15°43	8°10	10° 0	16°40	7°D16	8°46	1°23	4°28	W28
T 29	16 57 44	14°59'03	25° 7	7° 0	0♉ 8	8°20	10° 1	15°48	8° 8	9°58	16°40	7°17	8°43	1°30	4°25	T 29
F 30	17 1 40	15°56'18	6♓56	9° 8	1°11	8°34	9°55	15°53	8° 6	9°57	16°40	7°18	8°40	1°37	4°21	F 30
S 31	17 5 37	16♊53'32	18♓47	11♊17	2♉14	8♎49	9♑48	15♈58	8♑ 4	9♐55	16♓41	7°R19	8♒37	1♓43	4♑18	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17n18	15s 6	0n40	5n49	3s18	0n 7	1s 2	1s31	0n57	22s58	0n 1	3n 3	2s17	23s35	0s21	20s37	1n32	19s29	15s22	17s52	17s45	10s34	17s 0	6n24
F 2	17 34	10 17	1 40	6 11	3 19	0 23	1 8	1 31	0 55	22 58	0 1	3 6	2 17	23 35	0 21	20 37	1 32	19 29	15 23	17 52	17 46	10 31	17 0	6 25
S 3	17 50	5 6	2 37	6 34	3 18	0 40	1 13	1 32	0 52	22 59	0 1	3 8	2 18	23 35	0 21	20 36	1 32	19 29	15 23	17 53	17 47	10 28	16 59	6 25
S 4	18 5	0n19	3 27	6 58	3 17	0 57	1 18	1 33	0 50	22 59	0 1	3 10	2 18	23 35	0 21	20 36	1 32	19 29	15 23	17 54	17 48	10 25	16 59	6 26
M 5	18 20	5 47	4 9	7 24	3 15	1 14	1 23	1 34	0 47	22 59	0 1	3 13	2 18	23 35	0 21	20 36	1 32	19 29	15 24	17 56	17 49	10 22	16 59	6 26
T 6	18 35	11 7	4 40	7 52	3 13	1 32	1 28	1 36	0 45	23 0	0 0	3 15	2 18	23 35	0 21	20 36	1 32	19 29	15 24	17 58	17 49	10 18	16 58	6 27
W 7	18 50	16 8	4 58	8 21	3 9	1 49	1 32	1 38	0 42	23 0	0 0	3 18	2 18	23 35	0 21	20 36	1 32	19 29	15 24	18 1	17 50	10 15	16 58	6 27
T 8	19 4	20 33	5 1	8 51	3 6	2 8	1 37	1 40	0 40	23 1	0 0	3 20	2 18	23 35	0 21	20 35	1 32	19 29	15 25	18 4	17 51	10 12	16 57	6 28
F 9	19 18	24 2	4 48	9 22	3 1	2 26	1 41	1 42	0 37	23 1	0 0	3 22	2 18	23 35	0 21	20 35	1 32	19 29	15 25	18 7	17 52	10 9	16 57	6 28
S 10	19 31	26 15	4 19	9 55	2 56	2 45	1 45	1 45	0 35	23 1	0s 0	3 25	2 19	23 36	0 21	20 35	1 32	19 29	15 25	18 10	17 53	10 6	16 57	6 29
S 11	19 44	26 56	3 35	10 28	2 50	3 4	1 49	1 48	0 32	23 2	0 0	3 27	2 19	23 36	0 21	20 35	1 32	19 29	15 26	18 12	17 54	10 3	16 56	6 29
M12	19 57	25 57	2 37	11 3	2 44	3 23	1 52	1 51	0 30	23 2	0 0	3 29	2 19	23 36	0 21	20 34	1 32	19 29	15 26	18 14	17 55	10 0	16 56	6 29
T 13	20 10	23 19	1 30	11 38	2 37	3 42	1 56	1 54	0 28	23 3	0 1	3 31	2 19	23 36	0 21	20 34	1 32	19 29	15 26	18 15	17 55	9 57	16 56	6 30
W14	20 22	19 16	0 16	12 14	2 30	4 2	1 59	1 58	0 25	23 3	0 1	3 34	2 19	23 36	0 21	20 34	1 32	19 29	15 27	18 15	17 56	9 54	16 56	6 30
T 15	20 34	14 7	0s59	12 51	2 23	4 22	2 2	2 2	0 23	23 4	0 1	3 36	2 19	23 36	0 21	20 34	1 32	19 29	15 27	18 15	17 57	9 51	16 55	6 31
F 16	20 45	8 13	2 10	13 29	2 14	4 42	2 5	2 7	0 21	23 4	0 1	3 38	2 20	23 36	0 21	20 33	1 32	19 29	15 28	18 15	17 58	9 47	16 55	6 31
S 17	20 56	1 54	3 14	14 7	2 6	5 2	2 8	2 11	0 18	23 5	0 1	3 40	2 20	23 36	0 21	20 33	1 32	19 30	15 28	18 15	17 59	9 44	16 55	6 32
S 18	21 7	4s28	4 5	14 45	1 57	5 22	2 11	2 16	0 16	23 5	0 1	3 42	2 20	23 37	0 21	20 33	1 32	19 30	15 28	18 16	18 0	9 41	16 54	6 32
M19	21 17	10 36	4 42	15 24	1 47	5 43	2 13	2 21	0 14	23 6	0 1	3 44	2 20	23 37	0 21	20 33	1 32	19 30	15 29	18 17	18 1	9 38	16 54	6 32
T 20	21 27	16 9	5 1	16 3	1 37	6 4	2 16	2 26	0 12	23 6	0 2	3 46	2 20	23 37	0 21	20 33	1 32	19 30	15 29	18 19	18 1	9 35	16 54	6 33
W21	21 37	20 49	5 2	16 41	1 27	6 24	2 18	2 32	0 10	23 7	0 2	3 48	2 21	23 37	0 21	20 32	1 32	19 30	15 29	18 21	18 2	9 32	16 54	6 33
T 22	21 46	24 17	4 47	17 20	1 17	6 45	2 20	2 38	0 8	23 8	0 2	3 50	2 21	23 37	0 21	20 32	1 32	19 30	15 30	18 24	18 3	9 29	16 53	6 33
F 23	21 55	26 21	4 15	17 59	1 6	7 6	2 22	2 44	0 6	23 8	0 2	3 52	2 21	23 37	0 21	20 32	1 32	19 30	15 30	18 26	18 4	9 26	16 53	6 34
S 24	22 4	26 54	3 31	18 37	0 55	7 27	2 24	2 50	0 4	23 9	0 2	3 54	2 21	23 37	0 21	20 32	1 32	19 31	15 30	18 28	18 5	9 22	16 53	6 34
S 25	22 12	25 59	2 37	19 14	0 44	7 48	2 26	2 56	0 2	23 9	0 2	3 56	2 21	23 38	0 21	20 31	1 32	19 31	15 31	18 30	18 6	9 19	16 53	6 34
M26	22 20	23 46	1 37	19 51	0 33	8 9	2 27	3 3	0s 0	23 10	0 2	3 58	2 22	23 38	0 21	20 31	1 32	19 31	15 31	18 31	18 6	9 16	16 53	6 35
T 27	22 27	20 29	0 32	20 26	0 22	8 30	2 28	3 10	0 2	23 11	0 3	4 0	2 22	23 38	0 22	20 31	1 32	19 31	15 32	18 31	18 7	9 13	16 52	6 35
W28	22 34	16 24	0n32	21 1	0 11	8 51	2 30	3 17	0 4	23 11	0 3	4 1	2 22	23 38	0 22	20 31	1 32	19 31	15 32	18 31	18 8	9 10	16 52	6 35
T 29	22 41	11 43	1 35	21 34	0 0	9 12	2 31	3 24	0 6	23 12	0 3	4 3	2 22	23 38	0 22	20 31	1 32	19 32	15 32	18 31	18 9	9 7	16 52	6 35
F 30	22 47	6 38	2 33	22 5	0n11	9 33	2 32	3 32	0 8	23 12	0 3	4 5	2 22	23 38	0 22	20 30	1 32	19 32	15 33	18 31	18 10	9 4	16 52	6 36
S 31	22n53	1s19	3n25	22n34	0n21	9n55	2s33	3s39	0s10	23s13	0s 3	4n 7	2s23	23s38	0s22	20s30	1n32	19s32	15s33	18s31	18s11	9s 1	16s52	6n36

Julian Day Number = 2203308.5, Delta T = 09m53s
Ecliptic obliquity = 23°31'45, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°15'39, Lahiri = 14°22'39 Julian Calendar 1 May 1320 == Greg. Calendar 9 May 1320

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ASTRODIENST EPHEMERIS for the year 1320
geocentric

JUNE 1320 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	17 9 33	17♊50'46	0♈45	13♊27	3♉18	9♎ 5	9°R42	16♈ 3	8°R 2	9°R54	16♓41	7°R18	8♒34	1♓50	4°R14	S 1
M 2	17 13 30	18°47'59	12°55	15°38	4°22	9°21	9♑35	16° 8	7♑59	9♐52	16°41	7♒15	8°30	1°57	4♑11	M 2
T 3	17 17 26	19°45'13	25°22	17°50	5°26	9°38	9°28	16°13	7°57	9°50	16°41	7°10	8°27	2° 3	4° 7	T 3
W 4	17 21 23	20°42'26	8♉ 8	20° 1	6°31	9°56	9°22	16°17	7°55	9°49	16°41	7° 4	8°24	2°10	4° 3	W 4
T 5	17 25 20	21°39'40	21°15	22°13	7°35	10°13	9°15	16°22	7°53	9°47	16°41	6°57	8°21	2°17	4° 0	T 5
F 6	17 29 16	22°36'53	4♊44	24°24	8°40	10°32	9° 8	16°26	7°50	9°46	16°41	6°49	8°18	2°23	3°56	F 6
S 7	17 33 13	23°34'06	18°33	26°34	9°45	10°51	9° 1	16°31	7°48	9°44	16°41	6°43	8°14	2°30	3°52	S 7
S 8	17 37 9	24°31'19	2♋39	28°44	10°50	11°10	8°53	16°35	7°46	9°43	16°42	6°37	8°11	2°37	3°48	S 8
M 9	17 41 6	25°28'32	16°56	0♋52	11°56	11°30	8°46	16°40	7°43	9°41	16°R42	6°34	8° 8	2°43	3°45	M 9
T 10	17 45 2	26°25'44	1♌21	2°59	13° 1	11°50	8°39	16°44	7°41	9°40	16°42	6°D33	8° 5	2°50	3°41	T 10
W11	17 48 59	27°22'56	15°47	5° 5	14° 7	12°11	8°31	16°48	7°39	9°38	16°41	6°33	8° 2	2°57	3°37	W11
T 12	17 52 56	28°20'07	0♍12	7°10	15°13	12°32	8°24	16°52	7°36	9°36	16°41	6°34	7°59	3° 3	3°33	T 12
F 13	17 56 52	29°17'18	14°30	9°12	16°19	12°54	8°16	16°56	7°34	9°35	16°41	6°35	7°55	3°10	3°30	F 13
S 14	18 0 49	0♋14'29	28°40	11°13	17°25	13°16	8° 9	17° 0	7°31	9°33	16°41	6°R36	7°52	3°17	3°26	S 14
S 15	18 4 45	1°11'39	12♎41	13°12	18°31	13°39	8° 1	17° 4	7°29	9°32	16°41	6°35	7°49	3°23	3°22	S 15
M16	18 8 42	2° 8'49	26°31	15° 9	19°37	14° 1	7°54	17° 7	7°27	9°31	16°41	6°33	7°46	3°30	3°18	M16
T 17	18 12 38	3° 5'59	10♏ 9	17° 5	20°44	14°25	7°46	17°11	7°24	9°29	16°41	6°30	7°43	3°37	3°15	T 17
W18	18 16 35	4° 3'08	23°35	18°58	21°51	14°49	7°38	17°14	7°22	9°28	16°41	6°25	7°40	3°43	3°11	W18
T 19	18 20 31	5° 0'18	6♐47	20°49	22°58	15°13	7°31	17°18	7°19	9°26	16°40	6°20	7°36	3°50	3° 7	T 19
F 20	18 24 28	5°57'28	19°46	22°39	24° 5	15°37	7°23	17°21	7°17	9°25	16°40	6°16	7°33	3°57	3° 3	F 20
S 21	18 28 25	6°54'37	2♑30	24°26	25°12	16° 2	7°15	17°24	7°15	9°23	16°40	6°12	7°30	4° 3	2°59	S 21
S 22	18 32 21	7°51'47	15° 0	26°12	26°19	16°27	7° 8	17°28	7°12	9°22	16°39	6° 9	7°27	4°10	2°56	S 22
M23	18 36 18	8°48'57	27°17	27°55	27°26	16°53	7° 0	17°31	7°10	9°21	16°39	6° 7	7°24	4°17	2°52	M23
T 24	18 40 14	9°46'08	9♒23	29°36	28°34	17°19	6°52	17°34	7° 7	9°19	16°39	6°D 7	7°20	4°23	2°48	T 24
W25	18 44 11	10°43'18	21°20	1♌16	29°42	17°45	6°44	17°37	7° 5	9°18	16°38	6° 8	7°17	4°30	2°44	W25
T 26	18 48 7	11°40'30	3♓11	2°53	0♊49	18°12	6°37	17°39	7° 3	9°17	16°38	6° 9	7°14	4°37	2°41	T 26
F 27	18 52 4	12°37'42	15° 0	4°29	1°57	18°39	6°29	17°42	7° 0	9°15	16°38	6°11	7°11	4°43	2°37	F 27
S 28	18 56 0	13°34'54	26°51	6° 2	3° 5	19° 6	6°22	17°45	6°58	9°14	16°37	6°12	7° 8	4°50	2°33	S 28
S 29	18 59 57	14°32'07	8♈49	7°34	4°13	19°34	6°14	17°47	6°55	9°13	16°37	6°13	7° 5	4°57	2°30	S 29
M30	19 3 54	15♋29'21	20♈59	9♌ 3	5♊22	20♎ 2	6♑ 6	17♈50	6♑53	9♐12	16♓36	6°R13	7♒ 1	5♓ 3	2♑26	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n58	4n 6	4n 8	23n 1	0n31	10n16	2s33	3s47	0s11	23s14	0s 3	4n 8	2s23	23s39	0s22	20s30	1n32	19s33	15s33	18s31	18s11	8s57	16s52	6n36
M 2	23 3	9 26	4 41	23 26	0 41	10 37	2 34	3 55	0 13	23 14	0 3	4 10	2 23	23 39	0 22	20 30	1 32	19 33	15 34	18 32	18 12	8 54	16 52	6 36
T 3	23 8	14 31	5 2	23 49	0 51	10 58	2 34	4 4	0 15	23 15	0 4	4 12	2 23	23 39	0 22	20 29	1 32	19 33	15 34	18 33	18 13	8 51	16 51	6 37
W 4	23 12	19 7	5 8	24 9	1 0	11 18	2 35	4 12	0 16	23 16	0 4	4 13	2 24	23 39	0 22	20 29	1 32	19 33	15 35	18 34	18 14	8 48	16 51	6 37
T 5	23 16	22 56	4 59	24 26	1 8	11 39	2 35	4 20	0 18	23 16	0 4	4 15	2 24	23 39	0 22	20 29	1 32	19 34	15 35	18 36	18 15	8 45	16 51	6 37
F 6	23 19	25 38	4 33	24 40	1 16	12 0	2 35	4 29	0 20	23 17	0 4	4 16	2 24	23 39	0 22	20 29	1 32	19 34	15 35	18 38	18 16	8 42	16 51	6 37
S 7	23 22	26 52	3 51	24 52	1 23	12 20	2 35	4 38	0 21	23 17	0 4	4 18	2 24	23 40	0 22	20 29	1 32	19 34	15 36	18 40	18 16	8 39	16 51	6 37
S 8	23 25	26 23	2 53	25 0	1 29	12 41	2 35	4 47	0 23	23 18	0 4	4 19	2 24	23 40	0 22	20 28	1 32	19 35	15 36	18 41	18 17	8 36	16 51	6 38
M 9	23 27	24 11	1 44	25 6	1 35	13 1	2 35	4 56	0 25	23 19	0 4	4 21	2 25	23 40	0 22	20 28	1 32	19 35	15 36	18 42	18 18	8 32	16 51	6 38
T 10	23 29	20 24	0 28	25 9	1 40	13 21	2 34	5 6	0 26	23 19	0 5	4 22	2 25	23 40	0 22	20 28	1 32	19 35	15 37	18 42	18 19	8 29	16 51	6 38
W11	23 30	15 22	0s50	25 10	1 44	13 41	2 34	5 15	0 28	23 20	0 5	4 23	2 25	23 40	0 22	20 28	1 32	19 36	15 37	18 42	18 20	8 26	16 51	6 38
T 12	23 31	9 30	2 5	25 7	1 47	14 1	2 33	5 25	0 29	23 21	0 5	4 25	2 25	23 40	0 22	20 28	1 32	19 36	15 38	18 42	18 21	8 23	16 51	6 38
F 13	23 32	3 10	3 12	25 2	1 50	14 20	2 33	5 35	0 31	23 21	0 5	4 26	2 26	23 40	0 22	20 27	1 32	19 36	15 38	18 42	18 21	8 20	16 51	6 38
S 14	23 32	3s14	4 6	24 55	1 52	14 40	2 32	5 45	0 32	23 22	0 5	4 27	2 26	23 41	0 22	20 27	1 32	19 37	15 38	18 42	18 22	8 17	16 51	6 38
S 15	23 31	9 24	4 45	24 45	1 53	14 59	2 31	5 55	0 34	23 22	0 5	4 29	2 26	23 41	0 22	20 27	1 32	19 37	15 39	18 42	18 23	8 14	16 51	6 39
M16	23 31	15 2	5 7	24 33	1 54	15 18	2 30	6 5	0 35	23 23	0 6	4 30	2 26	23 41	0 22	20 27	1 32	19 38	15 39	18 42	18 24	8 10	16 51	6 39
T 17	23 30	19 50	5 11	24 19	1 54	15 37	2 29	6 16	0 36	23 24	0 6	4 31	2 27	23 41	0 22	20 27	1 32	19 38	15 39	18 43	18 25	8 7	16 51	6 39
W18	23 28	23 33	4 58	24 3	1 53	15 55	2 28	6 26	0 38	23 24	0 6	4 32	2 27	23 41	0 22	20 26	1 32	19 38	15 40	18 44	18 25	8 4	16 51	6 39
T 19	23 26	25 57	4 29	23 45	1 52	16 13	2 27	6 37	0 39	23 25	0 6	4 33	2 27	23 41	0 22	20 26	1 32	19 39	15 40	18 45	18 26	8 1	16 51	6 39
F 20	23 24	26 54	3 47	23 25	1 50	16 31	2 25	6 47	0 40	23 25	0 6	4 34	2 27	23 41	0 22	20 26	1 32	19 39	15 40	18 47	18 27	7 58	16 51	6 39
S 21	23 21	26 24	2 54	23 4	1 47	16 48	2 24	6 58	0 42	23 26	0 6	4 35	2 28	23 42	0 22	20 26	1 32	19 40	15 41	18 48	18 28	7 55	16 51	6 39
S 22	23 18	24 33	1 53	22 42	1 44	17 6	2 22	7 9	0 43	23 27	0 6	4 36	2 28	23 42	0 22	20 26	1 32	19 40	15 41	18 48	18 29	7 52	16 51	6 39
M23	23 14	21 34	0 48	22 17	1 40	17 23	2 21	7 20	0 44	23 27	0 7	4 37	2 28	23 42	0 22	20 25	1 32	19 41	15 42	18 49	18 29	7 48	16 51	6 39
T 24	23 10	17 41	0n18	21 52	1 36	17 39	2 19	7 31	0 45	23 28	0 7	4 38	2 29	23 42	0 22	20 25	1 32	19 41	15 42	18 49	18 30	7 45	16 51	6 39
W25	23 6	13 8	1 23	21 26	1 31	17 56	2 17	7 43	0 47	23 28	0 7	4 39	2 29	23 42	0 22	20 25	1 32	19 41	15 42	18 49	18 31	7 42	16 51	6 39
T 26	23 1	8 9	2 24	20 58	1 25	18 11	2 15	7 54	0 48	23 29	0 7	4 40	2 29	23 42	0 22	20 25	1 32	19 42	15 43	18 48	18 32	7 39	16 51	6 39
F 27	22 56	2 53	3 18	20 30	1 20	18 27	2 13	8 5	0 49	23 29	0 7	4 40	2 29	23 42	0 22	20 25	1 32	19 42	15 43	18 48	18 33	7 36	16 51	6 39
S 28	22 50	2n29	4 4	20 1	1 13	18 42	2 11	8 17	0 50	23 30	0 7	4 41	2 30	23 43	0 22	20 25	1 32	19 43	15 43	18 48	18 34	7 33	16 52	6 39
S 29	22 44	7 48	4 40	19 31	1 6	18 57	2 9	8 28	0 51	23 30	0 7	4 42	2 30	23 43	0 22	20 24	1 31	19 43	15 44	18 47	18 34	7 29	16 52	6 39
M30	22n38	12n55	5n 5	19n 1	0n59	19n11	2s 7	8s40	0s52	23s31	0s 8	4n42	2s30	23s43	0s22	20s24	1n31	19s44	15s44	18s47	18s35	7s26	16s52	6n39

Julian Day Number = 2203339.5, Delta T = 09m53s
Ecliptic obliquity = 23°31'44, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°15'43, Lahiri = 14°22'43 Julian Calendar 1 June 1320 == Greg. Calendar 9 June 1320

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ASTRODIENST EPHEMERIS for the year 1320
geocentric

JULY 1320 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	19 7 50	16♋26'35	3♉25	10♌31	6♊30	20♎30	5°R59	17♈52	6°R51	9°R10	16°R36	6°R12	6♒58	5♓10	2°R22	T 1
W 2	19 11 47	17°23'51	16°11	11°56	7°38	20°59	5♑51	17°54	6♑48	9♐ 9	16♓35	6♒11	6°55	5°17	2♑19	W 2
T 3	19 15 43	18°21'07	29°20	13°20	8°47	21°27	5°44	17°56	6°46	9° 8	16°35	6° 8	6°52	5°23	2°15	T 3
F 4	19 19 40	19°18'24	12♊54	14°41	9°56	21°57	5°37	17°58	6°44	9° 7	16°34	6° 6	6°49	5°30	2°12	F 4
S 5	19 23 36	20°15'42	26°53	16° 0	11° 5	22°26	5°29	18° 0	6°41	9° 6	16°34	6° 4	6°46	5°37	2° 8	S 5
S 6	19 27 33	21°13'01	11♋13	17°17	12°14	22°56	5°22	18° 2	6°39	9° 5	16°33	6° 2	6°42	5°43	2° 5	S 6
M 7	19 31 29	22°10'20	25°51	18°31	13°23	23°26	5°15	18° 4	6°37	9° 4	16°33	6° 2	6°39	5°50	2° 1	M 7
T 8	19 35 26	23° 7'40	10♌38	19°44	14°32	23°56	5° 8	18° 5	6°34	9° 3	16°32	6°D 1	6°36	5°57	1°58	T 8
W 9	19 39 23	24° 5'01	25°29	20°54	15°41	24°27	5° 1	18° 7	6°32	9° 1	16°31	6° 2	6°33	6° 3	1°54	W 9
T 10	19 43 19	25° 2'22	10♍16	22° 1	16°50	24°58	4°54	18° 8	6°30	9° 0	16°31	6° 3	6°30	6°10	1°51	T 10
F 11	19 47 16	25°59'44	24°53	23° 6	18° 0	25°29	4°48	18° 9	6°27	8°59	16°30	6° 4	6°26	6°17	1°48	F 11
S 12	19 51 12	26°57'06	9♎15	24° 8	19° 9	26° 0	4°41	18°11	6°25	8°59	16°29	6° 4	6°23	6°23	1°45	S 12
S 13	19 55 9	27°54'29	23°19	25° 8	20°19	26°32	4°34	18°12	6°23	8°58	16°29	6°R 5	6°20	6°30	1°41	S 13
M14	19 59 5	28°51'52	7♏ 5	26° 4	21°28	27° 4	4°28	18°13	6°21	8°57	16°28	6° 4	6°17	6°37	1°38	M14
T 15	20 3 2	29°49'16	20°32	26°58	22°38	27°36	4°22	18°14	6°19	8°56	16°27	6° 4	6°14	6°43	1°35	T 15
W16	20 6 58	0♌46'41	3♐41	27°48	23°48	28° 8	4°15	18°14	6°17	8°55	16°26	6° 4	6°11	6°50	1°32	W16
T 17	20 10 55	1°44'06	16°34	28°36	24°58	28°41	4° 9	18°15	6°15	8°54	16°26	6° 3	6° 7	6°57	1°29	T 17
F 18	20 14 52	2°41'33	29°12	29°19	26° 8	29°14	4° 3	18°16	6°12	8°53	16°25	6° 3	6° 4	7° 3	1°26	F 18
S 19	20 18 48	3°39'00	11♑38	29°59	27°18	29°47	3°58	18°16	6°10	8°53	16°24	6° 2	6° 1	7°10	1°23	S 19
S 20	20 22 45	4°36'28	23°52	0♍36	28°28	0♏20	3°52	18°16	6° 8	8°52	16°23	6° 2	5°58	7°17	1°20	S 20
M21	20 26 41	5°33'58	5♒57	1° 8	29°39	0°54	3°46	18°17	6° 6	8°51	16°22	6° 2	5°55	7°23	1°17	M21
T 22	20 30 38	6°31'28	17°55	1°36	0♋49	1°28	3°41	18°17	6° 4	8°50	16°21	6° 2	5°52	7°30	1°15	T 22
W23	20 34 34	7°28'59	29°47	2° 0	2° 0	2° 2	3°36	18°R17	6° 2	8°50	16°20	6° 2	5°48	7°37	1°12	W23
T 24	20 38 31	8°26'32	11♓36	2°19	3°10	2°36	3°31	18°17	6° 0	8°49	16°20	6° 2	5°45	7°43	1° 9	T 24
F 25	20 42 27	9°24'06	23°25	2°33	4°21	3°10	3°26	18°17	5°59	8°49	16°19	6° 1	5°42	7°50	1° 7	F 25
S 26	20 46 24	10°21'41	5♈17	2°42	5°32	3°45	3°21	18°16	5°57	8°48	16°18	6° 1	5°39	7°57	1° 4	S 26
S 27	20 50 21	11°19'18	17°16	2°R46	6°42	4°20	3°16	18°16	5°55	8°47	16°17	6° 0	5°36	8° 3	1° 2	S 27
M28	20 54 17	12°16'57	29°25	2°45	7°53	4°55	3°12	18°16	5°53	8°47	16°16	6° 0	5°32	8°10	0°59	M28
T 29	20 58 14	13°14'37	11♉48	2°38	9° 4	5°30	3° 7	18°15	5°51	8°46	16°15	6°D 0	5°29	8°17	0°57	T 29
W30	21 2 10	14°12'18	24°31	2°25	10°15	6° 5	3° 3	18°14	5°50	8°46	16°14	6° 0	5°26	8°23	0°55	W30
T 31	21 6 7	15♌10'02	7♊36	2♍ 7	11♋27	6♏41	2♑59	18♈14	5♑48	8♐46	16♓13	6♒ 0	5♒23	8♓30	0♑53	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n31	17n38	5n15	18n30	0n51	19n25	2s 5	8s52	0s54	23s31	0s 8	4n43	2s30	23s43	0s22	20s24	1n31	19s44	15s44	18s48	18s36	7s23	16s52	6n39
W 2	22 24	21 42	5 11	17 58	0 43	19 39	2 3	9 4	0 55	23 32	0 8	4 44	2 31	23 43	0 22	20 24	1 31	19 45	15 45	18 48	18 37	7 20	16 52	6 39
T 3	22 16	24 48	4 50	17 26	0 35	19 52	2 1	9 15	0 56	23 32	0 8	4 44	2 31	23 43	0 22	20 24	1 31	19 45	15 45	18 48	18 38	7 17	16 52	6 38
F 4	22 8	26 37	4 13	16 54	0 26	20 4	1 58	9 27	0 57	23 33	0 8	4 45	2 31	23 43	0 22	20 24	1 31	19 46	15 45	18 49	18 38	7 14	16 52	6 38
S 5	22 0	26 49	3 20	16 22	0 17	20 17	1 56	9 39	0 58	23 33	0 8	4 45	2 32	23 43	0 22	20 24	1 31	19 46	15 46	18 50	18 39	7 11	16 53	6 38
S 6	21 51	25 16	2 13	15 50	0 7	20 28	1 53	9 51	0 59	23 34	0 8	4 46	2 32	23 44	0 22	20 24	1 31	19 47	15 46	18 50	18 40	7 7	16 53	6 38
M 7	21 42	21 58	0 56	15 18	0s 2	20 40	1 51	10 4	1 0	23 34	0 9	4 46	2 32	23 44	0 22	20 23	1 31	19 47	15 46	18 50	18 41	7 4	16 53	6 38
T 8	21 32	17 13	0s26	14 45	0 13	20 50	1 48	10 16	1 1	23 34	0 9	4 46	2 32	23 44	0 22	20 23	1 31	19 48	15 47	18 50	18 42	7 1	16 53	6 38
W 9	21 22	11 25	1 46	14 13	0 23	21 0	1 45	10 28	1 2	23 35	0 9	4 47	2 33	23 44	0 22	20 23	1 31	19 49	15 47	18 50	18 42	6 58	16 53	6 38
T 10	21 12	4 59	2 59	13 41	0 34	21 10	1 43	10 40	1 3	23 35	0 9	4 47	2 33	23 44	0 22	20 23	1 31	19 49	15 47	18 50	18 43	6 55	16 54	6 37
F 11	21 2	1s37	3 59	13 10	0 45	21 19	1 40	10 53	1 4	23 36	0 9	4 47	2 33	23 44	0 22	20 23	1 31	19 50	15 47	18 50	18 44	6 52	16 54	6 37
S 12	20 51	8 1	4 43	12 39	0 56	21 28	1 37	11 5	1 5	23 36	0 9	4 47	2 33	23 44	0 22	20 23	1 31	19 50	15 48	18 50	18 45	6 48	16 54	6 37
S 13	20 39	13 53	5 9	12 8	1 7	21 36	1 34	11 17	1 5	23 36	0 9	4 48	2 34	23 44	0 22	20 23	1 31	19 51	15 48	18 49	18 46	6 45	16 54	6 37
M14	20 28	18 55	5 17	11 38	1 19	21 44	1 32	11 30	1 6	23 37	0 9	4 48	2 34	23 44	0 22	20 23	1 31	19 51	15 48	18 49	18 46	6 42	16 54	6 37
T 15	20 16	22 53	5 7	11 9	1 30	21 51	1 29	11 42	1 7	23 37	0 10	4 48	2 34	23 45	0 22	20 23	1 31	19 52	15 49	18 50	18 47	6 39	16 55	6 36
W16	20 4	25 34	4 41	10 41	1 42	21 57	1 26	11 55	1 8	23 37	0 10	4 48	2 35	23 45	0 22	20 22	1 31	19 52	15 49	18 50	18 48	6 36	16 55	6 36
T 17	19 51	26 51	4 1	10 13	1 54	22 3	1 23	12 7	1 9	23 38	0 10	4 48	2 35	23 45	0 22	20 22	1 31	19 53	15 49	18 50	18 49	6 33	16 55	6 36
F 18	19 38	26 42	3 11	9 47	2 6	22 8	1 20	12 20	1 10	23 38	0 10	4 48	2 35	23 45	0 22	20 22	1 31	19 54	15 49	18 50	18 50	6 29	16 55	6 36
S 19	19 25	25 12	2 11	9 22	2 18	22 13	1 17	12 32	1 11	23 38	0 10	4 48	2 35	23 45	0 22	20 22	1 31	19 54	15 50	18 50	18 50	6 26	16 56	6 36
S 20	19 11	22 31	1 7	8 58	2 30	22 17	1 14	12 45	1 11	23 39	0 10	4 47	2 36	23 45	0 22	20 22	1 31	19 55	15 50	18 50	18 51	6 23	16 56	6 35
M21	18 57	18 52	0 0	8 35	2 42	22 21	1 11	12 57	1 12	23 39	0 10	4 47	2 36	23 45	0 22	20 22	1 30	19 55	15 50	18 50	18 52	6 20	16 56	6 35
T 22	18 43	14 29	1n 6	8 14	2 54	22 24	1 8	13 10	1 13	23 39	0 10	4 47	2 36	23 45	0 22	20 22	1 30	19 56	15 51	18 50	18 53	6 17	16 57	6 35
W23	18 28	9 35	2 8	7 55	3 5	22 26	1 5	13 22	1 14	23 39	0 11	4 47	2 37	23 45	0 22	20 22	1 30	19 56	15 51	18 50	18 53	6 14	16 57	6 34
T 24	18 13	4 23	3 5	7 38	3 17	22 28	1 1	13 35	1 14	23 40	0 11	4 47	2 37	23 45	0 22	20 22	1 30	19 57	15 51	18 50	18 54	6 10	16 57	6 34
F 25	17 58	0n57	3 54	7 22	3 28	22 29	0 58	13 48	1 15	23 40	0 11	4 46	2 37	23 46	0 22	20 22	1 30	19 58	15 51	18 50	18 55	6 7	16 58	6 34
S 26	17 43	6 17	4 33	7 9	3 39	22 30	0 55	14 0	1 16	23 40	0 11	4 46	2 37	23 46	0 22	20 22	1 30	19 58	15 51	18 50	18 56	6 4	16 58	6 34
S 27	17 27	11 25	5 0	6 58	3 49	22 30	0 52	14 13	1 17	23 40	0 11	4 46	2 38	23 46	0 22	20 22	1 30	19 59	15 52	18 50	18 57	6 1	16 58	6 33
M28	17 11	16 13	5 15	6 50	3 58	22 29	0 49	14 25	1 17	23 41	0 11	4 45	2 38	23 46	0 22	20 22	1 30	19 59	15 52	18 51	18 57	5 58	16 59	6 33
T 29	16 54	20 26	5 16	6 44	4 7	22 27	0 46	14 38	1 18	23 41	0 11	4 45	2 38	23 46	0 22	20 22	1 30	20 0	15 52	18 51	18 58	5 54	16 59	6 33
W30	16 38	23 50	5 1	6 41	4 15	22 25	0 42	14 50	1 19	23 41	0 11	4 44	2 38	23 46	0 22	20 22	1 30	20 1	15 52	18 51	18 59	5 51	16 59	6 32
T 31	16n21	26n 6	4n30	6n41	4s22	22n23	0s39	15s 3	1s19	23s41	0s12	4n44	2s39	23s46	0s22	20s22	1n30	20s 1	15s53	18s50	19s 0	5s48	17s 0	6n32

Julian Day Number = 2203369.5, Delta T = 09m53s
Ecliptic obliquity = 23°31'44, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°15'47, Lahiri = 14°22'47 Julian Calendar 1 July 1320 == Greg. Calendar 9 July 1320

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ASTRODIENST EPHEMERIS for the year 1320
geocentric

AUGUST 1320 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	21 10 3	16♌ 7'47	21♊ 6	1°R43	12♋38	7♏17	2°R55	18°R13	5°R46	8°R45	16°R12	6♒ 1	5♒20	8♓37	0°R51	F 1
S 2	21 14 0	17° 5'34	5♋ 2	1♍13	13°49	7°53	2♉52	18♈12	5♉45	8♐45	16♓11	6° 2	5°17	8°43	0♉48	S 2
S 3	21 17 56	18° 3'22	19°25	0°39	15° 1	8°29	2°48	18°11	5°43	8°44	16°10	6° 3	5°13	8°50	0°47	S 3
M 4	21 21 53	19° 1'12	4♌ 9	29♌59	16°12	9° 5	2°45	18° 9	5°41	8°44	16° 9	6°R 3	5°10	8°57	0°45	M 4
T 5	21 25 50	19°59'03	19°10	29°15	17°24	9°42	2°42	18° 8	5°40	8°44	16° 8	6° 3	5° 7	9° 3	0°43	T 5
W 6	21 29 46	20°56'56	4♍19	28°27	18°35	10°19	2°39	18° 7	5°39	8°44	16° 7	6° 2	5° 4	9°10	0°41	W 6
T 7	21 33 43	21°54'51	19°26	27°35	19°47	10°56	2°36	18° 5	5°37	8°43	16° 6	6° 0	5° 1	9°17	0°39	T 7
F 8	21 37 39	22°52'46	4♎23	26°42	20°59	11°33	2°33	18° 4	5°36	8°43	16° 4	5°58	4°58	9°23	0°38	F 8
S 9	21 41 36	23°50'43	19° 1	25°47	22°11	12°10	2°31	18° 2	5°34	8°43	16° 3	5°56	4°54	9°30	0°36	S 9
S 10	21 45 32	24°48'42	3♏17	24°52	23°23	12°47	2°29	18° 0	5°33	8°43	16° 2	5°55	4°51	9°37	0°35	S 10
M11	21 49 29	25°46'42	17° 7	23°58	24°35	13°25	2°27	17°58	5°32	8°43	16° 1	5°53	4°48	9°43	0°33	M11
T 12	21 53 25	26°44'43	0♐32	23° 5	25°47	14° 3	2°25	17°56	5°31	8°43	16° 0	5°D53	4°45	9°50	0°32	T 12
W13	21 57 22	27°42'45	13°34	22°16	26°59	14°41	2°23	17°54	5°29	8°D43	15°59	5°54	4°42	9°57	0°31	W13
T 14	22 1 19	28°40'49	26°16	21°32	28°11	15°19	2°22	17°52	5°28	8°43	15°58	5°55	4°38	10° 3	0°29	T 14
F 15	22 5 15	29°38'55	8♑41	20°53	29°23	15°57	2°21	17°50	5°27	8°43	15°57	5°57	4°35	10°10	0°28	F 15
S 16	22 9 12	0♍37'02	20°53	20°20	0♌36	16°35	2°19	17°47	5°26	8°43	15°55	5°58	4°32	10°17	0°27	S 16
S 17	22 13 8	1°35'10	2♒56	19°54	1°48	17°14	2°19	17°45	5°25	8°43	15°54	5°R59	4°29	10°23	0°26	S 17
M18	22 17 5	2°33'20	14°51	19°36	3° 0	17°53	2°18	17°42	5°24	8°43	15°53	5°59	4°26	10°30	0°25	M18
T 19	22 21 1	3°31'32	26°42	19°27	4°13	18°32	2°17	17°39	5°23	8°44	15°52	5°57	4°23	10°37	0°25	T 19
W20	22 24 58	4°29'45	8♓32	19°D26	5°26	19°11	2°17	17°37	5°22	8°44	15°51	5°54	4°19	10°43	0°24	W20
T 21	22 28 54	5°28'01	20°22	19°34	6°38	19°50	2°D17	17°34	5°21	8°44	15°49	5°50	4°16	10°50	0°23	T 21
F 22	22 32 51	6°26'18	2♈13	19°51	7°51	20°29	2°17	17°31	5°21	8°44	15°48	5°45	4°13	10°57	0°23	F 22
S 23	22 36 48	7°24'37	14° 9	20°17	9° 4	21° 8	2°17	17°28	5°20	8°45	15°47	5°39	4°10	11° 3	0°22	S 23
S 24	22 40 44	8°22'58	26°12	20°51	10°17	21°48	2°18	17°25	5°19	8°45	15°46	5°34	4° 7	11°10	0°22	S 24
M25	22 44 41	9°21'21	8♉23	21°34	11°30	22°28	2°18	17°22	5°19	8°45	15°45	5°29	4° 3	11°17	0°22	M25
T 26	22 48 37	10°19'47	20°47	22°26	12°43	23° 7	2°19	17°18	5°18	8°46	15°43	5°26	4° 0	11°23	0°21	T 26
W27	22 52 34	11°18'14	3♊27	23°24	13°56	23°47	2°20	17°15	5°18	8°46	15°42	5°24	3°57	11°30	0°21	W27
T 28	22 56 30	12°16'44	16°26	24°30	15° 9	24°27	2°21	17°12	5°17	8°47	15°41	5°D24	3°54	11°37	0°D21	T 28
F 29	23 0 27	13°15'16	29°48	25°43	16°22	25° 8	2°23	17° 8	5°17	8°47	15°40	5°25	3°51	11°43	0°21	F 29
S 30	23 4 23	14°13'50	13♋35	27° 2	17°35	25°48	2°24	17° 5	5°16	8°48	15°39	5°26	3°48	11°50	0°21	S 30
S 31	23 8 20	15♍12'27	27♋47	28♌26	18♌49	26♏29	2♉26	17♈ 1	5♉16	8♐48	15♓37	5♒27	3♒44	11♓57	0♉21	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	16n 4	26n57	3n44	6n43	4s28	22n20	0s36	15s15	1s20	23s41	0s12	4n43	2s39	23s46	0s22	20s22	1n30	20s 2	15s53	18s50	19s 0	5s45	17s 0	6n32	
S 2	15 46	26 9	2 44	6 49	4 33	22 16	0 33	15 27	1 20	23 42	0 12	4 42	2 39	23 46	0 22	20 22	1 30	20 2	15 53	18 50	19 1	5 42	17 0	6 31	
S 3	15 29	23 37	1 31	6 58	4 36	22 11	0 30	15 40	1 21	23 42	0 12	4 42	2 40	23 46	0 22	20 22	1 30	20 3	15 53	18 50	19 2	5 39	17 1	6 31	
M 4	15 11	19 28	0 11	7 11	4 38	22 6	0 27	15 52	1 22	23 42	0 12	4 41	2 40	23 46	0 22	20 22	1 30	20 3	15 53	18 50	19 3	5 35	17 1	6 31	
T 5	14 52	13 59	1s12	7 26	4 38	22 0	0 23	16 4	1 22	23 42	0 12	4 40	2 40	23 46	0 22	20 22	1 30	20 4	15 54	18 50	19 4	5 32	17 1	6 30	
W 6	14 34	7 38	2 30	7 44	4 37	21 54	0 20	16 17	1 23	23 42	0 12	4 39	2 40	23 46	0 22	20 22	1 30	20 5	15 54	18 50	19 4	5 29	17 2	6 30	
T 7	14 15	0 52	3 38	8 5	4 33	21 47	0 17	16 29	1 23	23 42	0 12	4 39	2 41	23 46	0 22	20 22	1 30	20 5	15 54	18 50	19 5	5 26	17 2	6 29	
F 8	13 56	5s52	4 29	8 28	4 28	21 39	0 14	16 41	1 24	23 43	0 12	4 38	2 41	23 46	0 22	20 22	1 30	20 6	15 54	18 51	19 6	5 23	17 3	6 29	
S 9	13 37	12 8	5 2	8 53	4 20	21 31	0 11	16 53	1 25	23 43	0 12	4 37	2 41	23 47	0 22	20 22	1 29	20 6	15 54	18 51	19 7	5 20	17 3	6 29	
S 10	13 18	17 35	5 15	9 20	4 11	21 22	0 8	17 5	1 25	23 43	0 13	4 36	2 41	23 47	0 22	20 22	1 29	20 7	15 54	18 52	19 7	5 16	17 3	6 28	
M11	12 58	21 57	5 10	9 49	4 0	21 12	0 5	17 17	1 26	23 43	0 13	4 35	2 42	23 47	0 22	20 22	1 29	20 8	15 55	18 52	19 8	5 13	17 4	6 28	
T 12	12 39	25 1	4 47	10 18	3 47	21 2	0 2	17 29	1 26	23 43	0 13	4 34	2 42	23 47	0 22	20 22	1 29	20 8	15 55	18 52	19 9	5 10	17 4	6 27	
W13	12 19	26 39	4 10	10 47	3 33	20 52	0n 1	17 41	1 27	23 43	0 13	4 33	2 42	23 47	0 22	20 22	1 29	20 9	15 55	18 52	19 10	5 7	17 5	6 27	
T 14	11 59	26 50	3 22	11 16	3 17	20 40	0 4	17 52	1 27	23 43	0 13	4 32	2 42	23 47	0 22	20 22	1 29	20 9	15 55	18 52	19 10	5 4	17 5	6 27	
F 15	11 38	25 39	2 25	11 45	3 0	20 28	0 7	18 4	1 27	23 44	0 13	4 31	2 43	23 47	0 22	20 22	1 29	20 10	15 55	18 51	19 11	5 1	17 5	6 26	
S 16	11 18	23 15	1 22	12 12	2 42	20 16	0 10	18 16	1 28	23 44	0 13	4 30	2 43	23 47	0 22	20 22	1 29	20 10	15 55	18 51	19 12	4 57	17 6	6 26	
S 17	10 57	19 51	0 17	12 37	2 24	20 3	0 13	18 27	1 28	23 44	0 13	4 29	2 43	23 47	0 22	20 22	1 29	20 11	15 55	18 51	19 13	4 54	17 6	6 25	
M18	10 36	15 40	0n49	13 1	2 5	19 49	0 16	18 39	1 29	23 44	0 13	4 27	2 43	23 47	0 22	20 22	1 29	20 12	15 55	18 51	19 14	4 51	17 7	6 25	
T 19	10 15	10 55	1 51	13 22	1 46	19 35	0 19	18 50	1 29	23 44	0 13	4 26	2 44	23 47	0 22	20 23	1 29	20 12	15 56	18 51	19 14	4 48	17 7	6 24	
W20	9 54	5 47	2 49	13 40	1 27	19 20	0 22	19 1	1 30	23 44	0 14	4 25	2 44	23 47	0 22	20 23	1 29	20 13	15 56	18 52	19 15	4 45	17 8	6 24	
T 21	9 32	0 28	3 39	13 55	1 8	19 5	0 24	19 12	1 30	23 44	0 14	4 24	2 44	23 47	0 22	20 23	1 29	20 13	15 56	18 53	19 16	4 41	17 8	6 24	
F 22	9 11	4n52	4 20	14 7	0 50	18 49	0 27	19 23	1 30	23 44	0 14	4 22	2 44	23 47	0 22	20 23	1 29	20 14	15 56	18 54	19 17	4 38	17 9	6 23	
S 23	8 49	10 3	4 50	14 16	0 33	18 32	0 30	19 34	1 31	23 44	0 14	4 21	2 44	23 47	0 22	20 23	1 29	20 14	15 56	18 56	19 17	4 35	17 9	6 23	
S 24	8 27	14 55	5 8	14 21	0 16	18 15	0 32	19 45	1 31	23 44	0 14	4 20	2 45	23 47	0 22	20 23	1 29	20 15	15 56	18 57	19 18	4 32	17 9	6 22	
M25	8 5	19 15	5 11	14 22	0n 0	17 58	0 35	19 56	1 31	23 44	0 14	4 18	2 45	23 47	0 22	20 23	1 29	20 15	15 56	18 58	19 19	4 29	17 10	6 22	
T 26	7 43	22 51	5 1	14 20	0 16	17 40	0 38	20 6	1 32	23 45	0 14	4 17	2 45	23 47	0 22	20 23	1 29	20 16	15 56	18 59	19 20	4 26	17 10	6 21	
W27	7 21	25 25	4 35	14 14	0 30	17 21	0 40	20 17	1 32	23 45	0 14	4 15	2 45	23 47	0 22	20 23	1 28	20 16	15 56	18 59	19 20	4 22	17 11	6 21	
T 28	6 59	26 44	3 55	14 4	0 42	17 2	0 43	20 27	1 32	23 45	0 14	4 14	2 45	23 47	0 22	20 24	1 28	20 17	15 56	18 59	19 21	4 19	17 11	6 20	
F 29	6 36	26 34	3 2	13 51	0 54	16 42	0 45	20 37	1 33	23 45	0 14	4 12	2 46	23 47	0 22	20 24	1 28	20 18	15 56	18 59	19 22	4 16	17 12	6 20	
S 30	6 14	24 46	1 56	13 34	1 5	16 22	0 47	20 47	1 33	23 45	0 14	4 11	2 46	23 47	0 22	20 24	1 28	20 18	15 56	18 59	19 23	4 13	17 12	6 20	
S 31	5n51	21n22	0n42	13n14	1n14	16n 2	0n50	20s57	1s33	23s45	0s14	4n 9	2s46	23s47	0s22	20s24	1n28	20s19	15s56	18s59	19s23	4s10	17s13	6n19	

Julian Day Number = 2203400.5, Delta T = 09m53s
Ecliptic obliquity = 23°31'44, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°15'51, Lahiri = 14°22'52 Julian Calendar 1 Aug. 1320 == Greg. Calendar 9 Aug. 1320

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ASTRODIENST EPHEMERIS for the year 1320
geocentric

SEPTEMBER 1320 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	23 12 17	16♍11'05	12♌25	29♌54	20♌ 2	27♏ 9	2♑28	16°R57	5°R16	8♐49	15°R36	5°R27	3♒41	12♓ 3	0♑22	M 1
T 2	23 16 13	17° 9'46	27°24	1♍27	21°15	27°50	2°30	16♈54	5♑15	8°50	15♓35	5♒26	3°38	12°10	0°22	T 2
W 3	23 20 10	18° 8'29	12♍35	3° 4	22°29	28°31	2°33	16°50	5°15	8°50	15°34	5°22	3°35	12°17	0°23	W 3
T 4	23 24 6	19° 7'14	27°51	4°43	23°42	29°12	2°35	16°46	5°15	8°51	15°33	5°16	3°32	12°23	0°23	T 4
F 5	23 28 3	20° 6'01	13♎ 0	6°25	24°56	29°53	2°38	16°42	5°15	8°52	15°31	5°10	3°29	12°30	0°24	F 5
S 6	23 31 59	21° 4'49	27°52	8°10	26°10	0♐34	2°41	16°38	5°D15	8°53	15°30	5° 3	3°25	12°37	0°24	S 6
S 7	23 35 56	22° 3'40	12♏20	9°55	27°23	1°16	2°44	16°34	5°15	8°53	15°29	4°57	3°22	12°43	0°25	S 7
M 8	23 39 52	23° 2'32	26°19	11°42	28°37	1°57	2°47	16°30	5°15	8°54	15°28	4°52	3°19	12°50	0°26	M 8
T 9	23 43 49	24° 1'26	9♐50	13°30	29°51	2°39	2°51	16°25	5°15	8°55	15°27	4°49	3°16	12°57	0°27	T 9
W10	23 47 46	25° 0'22	22°53	15°19	1♍ 5	3°20	2°54	16°21	5°15	8°56	15°25	4°D48	3°13	13° 3	0°28	W10
T 11	23 51 42	25°59'20	5♑32	17° 7	2°19	4° 2	2°58	16°17	5°15	8°57	15°24	4°48	3° 9	13°10	0°29	T 11
F 12	23 55 39	26°58'20	17°52	18°56	3°33	4°44	3° 2	16°12	5°16	8°58	15°23	4°49	3° 6	13°17	0°30	F 12
S 13	23 59 35	27°57'21	29°57	20°45	4°47	5°26	3° 6	16° 8	5°16	8°59	15°22	4°R50	3° 3	13°23	0°31	S 13
S 14	0 3 32	28°56'24	11♒53	22°34	6° 1	6° 8	3°11	16° 4	5°16	9° 0	15°21	4°50	3° 0	13°30	0°33	S 14
M15	0 7 28	29°55'29	23°43	24°22	7°15	6°51	3°15	15°59	5°17	9° 1	15°19	4°48	2°57	13°37	0°34	M15
T 16	0 11 25	0♎54'36	5♓31	26°10	8°29	7°33	3°20	15°55	5°17	9° 2	15°18	4°43	2°54	13°44	0°36	T 16
W17	0 15 21	1°53'44	17°21	27°57	9°43	8°15	3°25	15°50	5°18	9° 3	15°17	4°37	2°50	13°50	0°37	W17
T 18	0 19 18	2°52'55	29°14	29°43	10°57	8°58	3°30	15°46	5°18	9° 4	15°16	4°27	2°47	13°57	0°39	T 18
F 19	0 23 15	3°52'08	11♈12	1♎29	12°11	9°41	3°35	15°41	5°19	9° 5	15°15	4°16	2°44	14° 4	0°41	F 19
S 20	0 27 11	4°51'23	23°16	3°15	13°26	10°23	3°40	15°36	5°20	9° 7	15°14	4° 5	2°41	14°10	0°42	S 20
S 21	0 31 8	5°50'40	5♉28	5° 0	14°40	11° 6	3°46	15°32	5°20	9° 8	15°13	3°53	2°38	14°17	0°44	S 21
M22	0 35 4	6°49'59	17°49	6°43	15°54	11°49	3°51	15°27	5°21	9° 9	15°11	3°43	2°35	14°24	0°46	M22
T 23	0 39 1	7°49'21	0♊20	8°27	17° 9	12°32	3°57	15°22	5°22	9°10	15°10	3°35	2°31	14°30	0°48	T 23
W24	0 42 57	8°48'45	13° 4	10° 9	18°23	13°15	4° 3	15°17	5°23	9°12	15° 9	3°30	2°28	14°37	0°50	W24
T 25	0 46 54	9°48'11	26° 3	11°51	19°38	13°59	4°10	15°13	5°24	9°13	15° 8	3°27	2°25	14°44	0°53	T 25
F 26	0 50 50	10°47'40	9♋19	13°32	20°52	14°42	4°16	15° 8	5°25	9°14	15° 7	3°D26	2°22	14°50	0°55	F 26
S 27	0 54 47	11°47'11	22°56	15°13	22° 7	15°25	4°22	15° 3	5°26	9°16	15° 6	3°26	2°19	14°57	0°57	S 27
S 28	0 58 44	12°46'44	6♌55	16°52	23°22	16° 9	4°29	14°58	5°27	9°17	15° 5	3°R26	2°15	15° 4	1° 0	S 28
M29	1 2 40	13°46'20	21°17	18°31	24°36	16°52	4°36	14°53	5°28	9°19	15° 4	3°25	2°12	15°10	1° 2	M29
T 30	1 6 37	14♎45'58	6♍ 0	20♎10	25♍51	17♐36	4♑43	14♈49	5♑29	9♐20	15♓ 3	3♒22	2♒ 9	15♓17	1♑ 5	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	5n28	16n32	0s38	12n50	1n23	15n41	0n52	21s 7	1s34	23s45	0s15	4n 8	2s46	23s47	0s22	20s24	1n28	20s19	15s56	18s59	19s24	4s 6	17s13	6n19
T 2	5 5	10 36	1 56	12 24	1 30	15 19	0 54	21 16	1 34	23 45	0 15	4 6	2 46	23 47	0 22	20 24	1 28	20 20	15 56	18 59	19 25	4 3	17 14	6 18
W 3	4 42	3 58	3 7	11 55	1 36	14 57	0 56	21 26	1 34	23 45	0 15	4 5	2 46	23 47	0 22	20 24	1 28	20 20	15 56	19 0	19 26	4 0	17 14	6 18
T 4	4 19	2s54	4 6	11 23	1 41	14 35	0 58	21 35	1 34	23 45	0 15	4 3	2 47	23 47	0 22	20 25	1 28	20 20	15 56	19 1	19 26	3 57	17 14	6 17
F 5	3 56	9 32	4 46	10 49	1 45	14 12	1 0	21 44	1 35	23 45	0 15	4 1	2 47	23 47	0 22	20 25	1 28	20 21	15 56	19 3	19 27	3 54	17 15	6 17
S 6	3 33	15 30	5 6	10 13	1 48	13 49	1 2	21 53	1 35	23 45	0 15	4 0	2 47	23 47	0 22	20 25	1 28	20 21	15 56	19 5	19 28	3 51	17 15	6 16
S 7	3 10	20 26	5 6	9 35	1 50	13 26	1 4	22 2	1 35	23 45	0 15	3 58	2 47	23 47	0 22	20 25	1 28	20 22	15 56	19 6	19 29	3 47	17 16	6 16
M 8	2 46	24 3	4 47	8 55	1 52	13 2	1 6	22 11	1 35	23 45	0 15	3 56	2 47	23 47	0 22	20 25	1 28	20 22	15 56	19 7	19 29	3 44	17 16	6 15
T 9	2 23	26 11	4 13	8 14	1 52	12 38	1 8	22 20	1 35	23 45	0 15	3 54	2 47	23 47	0 22	20 25	1 28	20 23	15 56	19 8	19 30	3 41	17 17	6 15
W10	1 59	26 46	3 27	7 32	1 52	12 13	1 10	22 28	1 36	23 45	0 15	3 53	2 47	23 47	0 22	20 26	1 28	20 23	15 56	19 8	19 31	3 38	17 17	6 14
T 11	1 36	25 56	2 31	6 48	1 51	11 48	1 11	22 36	1 36	23 45	0 15	3 51	2 48	23 47	0 22	20 26	1 28	20 24	15 56	19 8	19 31	3 35	17 18	6 14
F 12	1 12	23 49	1 30	6 4	1 49	11 23	1 13	22 44	1 36	23 45	0 15	3 49	2 48	23 47	0 22	20 26	1 28	20 24	15 56	19 8	19 32	3 32	17 18	6 14
S 13	0 49	20 40	0 26	5 19	1 47	10 57	1 15	22 52	1 36	23 45	0 15	3 47	2 48	23 47	0 22	20 26	1 28	20 24	15 56	19 8	19 33	3 28	17 19	6 13
S 14	0 25	16 41	0n38	4 34	1 44	10 31	1 16	22 59	1 36	23 45	0 16	3 46	2 48	23 47	0 22	20 26	1 27	20 25	15 56	19 8	19 34	3 25	17 19	6 13
M15	0 2	12 6	1 40	3 48	1 41	10 5	1 17	23 7	1 36	23 45	0 16	3 44	2 48	23 47	0 22	20 27	1 27	20 25	15 56	19 8	19 34	3 22	17 19	6 12
T 16	0s22	7 5	2 37	3 1	1 38	9 38	1 19	23 14	1 36	23 45	0 16	3 42	2 48	23 47	0 22	20 27	1 27	20 26	15 56	19 9	19 35	3 19	17 20	6 12
W17	0 45	1 50	3 27	2 15	1 34	9 11	1 20	23 21	1 36	23 45	0 16	3 40	2 48	23 47	0 22	20 27	1 27	20 26	15 56	19 11	19 36	3 16	17 20	6 11
T 18	1 9	3n30	4 9	1 28	1 29	8 44	1 21	23 28	1 37	23 45	0 16	3 38	2 48	23 47	0 22	20 27	1 27	20 26	15 56	19 13	19 37	3 12	17 21	6 11
F 19	1 33	8 44	4 39	0 42	1 24	8 17	1 22	23 35	1 37	23 45	0 16	3 36	2 48	23 47	0 21	20 28	1 27	20 27	15 56	19 16	19 37	3 9	17 21	6 10
S 20	1 56	13 41	4 58	0s 5	1 19	7 49	1 24	23 41	1 37	23 45	0 16	3 35	2 48	23 47	0 21	20 28	1 27	20 27	15 55	19 18	19 38	3 6	17 22	6 10
S 21	2 20	18 9	5 3	0 52	1 14	7 21	1 25	23 47	1 37	23 45	0 16	3 33	2 48	23 47	0 21	20 28	1 27	20 28	15 55	19 21	19 39	3 3	17 22	6 9
M22	2 43	21 54	4 54	1 38	1 8	6 53	1 25	23 53	1 37	23 44	0 16	3 31	2 48	23 47	0 21	20 28	1 27	20 28	15 55	19 24	19 40	3 0	17 23	6 9
T 23	3 7	24 43	4 31	2 24	1 3	6 25	1 26	23 59	1 37	23 44	0 16	3 29	2 49	23 47	0 21	20 29	1 27	20 28	15 55	19 25	19 40	2 57	17 23	6 9
W24	3 30	26 20	3 55	3 10	0 57	5 57	1 27	24 5	1 37	23 44	0 16	3 27	2 49	23 47	0 21	20 29	1 27	20 29	15 55	19 27	19 41	2 53	17 23	6 8
T 25	3 54	26 33	3 5	3 56	0 51	5 28	1 28	24 10	1 37	23 44	0 16	3 25	2 49	23 47	0 21	20 29	1 27	20 29	15 55	19 27	19 42	2 50	17 24	6 8
F 26	4 17	25 16	2 5	4 41	0 44	4 59	1 28	24 15	1 37	23 44	0 16	3 23	2 49	23 46	0 21	20 29	1 27	20 29	15 55	19 28	19 42	2 47	17 24	6 7
S 27	4 41	22 29	0 56	5 26	0 38	4 30	1 29	24 20	1 37	23 44	0 16	3 21	2 49	23 46	0 21	20 30	1 27	20 29	15 55	19 28	19 43	2 44	17 25	6 7
S 28	5 4	18 19	0s19	6 10	0 32	4 1	1 30	24 25	1 37	23 44	0 16	3 20	2 49	23 46	0 21	20 30	1 27	20 30	15 54	19 28	19 44	2 41	17 25	6 6
M29	5 27	12 59	1 33	6 54	0 25	3 32	1 30	24 29	1 37	23 43	0 17	3 18	2 49	23 46	0 21	20 30	1 27	20 30	15 54	19 28	19 45	2 38	17 26	6 6
T 30	5s50	6n49	2s44	7s38	0n18	3n 2	1n30	24s33	1s37	23s43	0s17	3n16	2s49	23s46	0s21	20s30	1n27	20s30	15s54	19s29	19s45	2s34	17s26	6n 6

Julian Day Number = 2203431.5, Delta T = 09m53s
Ecliptic obliquity = 23°31'45, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°15'56, Lahiri = 14°22'56 Julian Calendar 1 Sept. 1320 == Greg. Calendar 9 Sept. 1320

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ASTRODIENST EPHEMERIS for the year 1320
geocentric

OCTOBER 1320 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	1 10 33	15♎45'38	20♍58	21♎47	27♍ 6	18♐20	4♑50	14°R44	5♑30	9♐22	15°R 2	3°R16	2♒ 6	15♓24	1♑ 7	W 1
T 2	1 14 30	16°45'20	6♎ 5	23°25	28°21	19° 4	4°57	14♈39	5°32	9°23	15♓ 1	3♒ 7	2° 3	15°30	1°10	T 2
F 3	1 18 26	17°45'04	21°10	25° 1	29°35	19°48	5° 5	14°34	5°33	9°25	15° 0	2°56	2° 0	15°37	1°13	F 3
S 4	1 22 23	18°44'51	6♏ 3	26°37	0♎50	20°32	5°12	14°29	5°34	9°26	14°59	2°45	1°56	15°44	1°16	S 4
S 5	1 26 19	19°44'39	20°35	28°12	2° 5	21°16	5°20	14°25	5°36	9°28	14°58	2°34	1°53	15°50	1°19	S 5
M 6	1 30 16	20°44'30	4♐41	29°47	3°20	22° 0	5°28	14°20	5°37	9°30	14°57	2°25	1°50	15°57	1°22	M 6
T 7	1 34 12	21°44'22	18°17	1♏21	4°35	22°44	5°36	14°15	5°39	9°31	14°56	2°19	1°47	16° 4	1°25	T 7
W 8	1 38 9	22°44'16	1♑25	2°55	5°50	23°29	5°44	14°10	5°40	9°33	14°55	2°15	1°44	16°10	1°28	W 8
T 9	1 42 6	23°44'11	14° 7	4°28	7° 5	24°13	5°52	14° 6	5°42	9°35	14°54	2°14	1°40	16°17	1°31	T 9
F 10	1 46 2	24°44'08	26°28	6° 1	8°20	24°57	6° 1	14° 1	5°44	9°36	14°53	2°13	1°37	16°24	1°34	F 10
S 11	1 49 59	25°44'07	8♒33	7°33	9°35	25°42	6° 9	13°56	5°45	9°38	14°52	2°13	1°34	16°31	1°38	S 11
S 12	1 53 55	26°44'08	20°27	9° 5	10°50	26°27	6°18	13°52	5°47	9°40	14°51	2°12	1°31	16°37	1°41	S 12
M13	1 57 52	27°44'10	2♓16	10°36	12° 5	27°11	6°27	13°47	5°49	9°42	14°51	2° 9	1°28	16°44	1°45	M13
T 14	2 1 48	28°44'13	14° 5	12° 7	13°20	27°56	6°36	13°43	5°51	9°43	14°50	2° 4	1°25	16°51	1°48	T 14
W15	2 5 45	29°44'19	25°57	13°37	14°35	28°41	6°45	13°38	5°53	9°45	14°49	1°55	1°21	16°57	1°52	W15
T 16	2 9 41	0♏44'26	7♈55	15° 7	15°50	29°26	6°54	13°34	5°55	9°47	14°48	1°44	1°18	17° 4	1°55	T 16
F 17	2 13 38	1°44'35	20° 1	16°36	17° 6	0♑11	7° 3	13°29	5°57	9°49	14°47	1°30	1°15	17°11	1°59	F 17
S 18	2 17 35	2°44'45	2♉17	18° 5	18°21	0°56	7°13	13°25	5°59	9°51	14°47	1°16	1°12	17°17	2° 3	S 18
S 19	2 21 31	3°44'58	14°43	19°33	19°36	1°41	7°22	13°20	6° 1	9°53	14°46	1° 2	1° 9	17°24	2° 7	S 19
M20	2 25 28	4°45'13	27°20	21° 1	20°51	2°26	7°32	13°16	6° 3	9°55	14°45	0°49	1° 6	17°31	2°11	M20
T 21	2 29 24	5°45'29	10♊ 7	22°28	22° 6	3°11	7°42	13°12	6° 5	9°56	14°45	0°39	1° 2	17°37	2°15	T 21
W22	2 33 21	6°45'47	23° 5	23°55	23°22	3°56	7°52	13° 8	6° 7	9°58	14°44	0°31	0°59	17°44	2°19	W22
T 23	2 37 17	7°46'08	6♋14	25°21	24°37	4°42	8° 2	13° 4	6° 9	10° 0	14°43	0°27	0°56	17°51	2°23	T 23
F 24	2 41 14	8°46'30	19°36	26°46	25°52	5°27	8°12	12°59	6°12	10° 2	14°43	0°25	0°53	17°57	2°27	F 24
S 25	2 45 10	9°46'54	3♌12	28°11	27° 7	6°12	8°22	12°55	6°14	10° 4	14°42	0°25	0°50	18° 4	2°31	S 25
S 26	2 49 7	10°47'20	17° 3	29°35	28°23	6°58	8°32	12°51	6°16	10° 6	14°41	0°25	0°46	18°11	2°35	S 26
M27	2 53 4	11°47'48	1♍10	0♐58	29°38	7°43	8°43	12°48	6°19	10° 8	14°41	0°24	0°43	18°18	2°40	M27
T 28	2 57 0	12°48'18	15°33	2°20	0♏54	8°29	8°53	12°44	6°21	10°11	14°40	0°20	0°40	18°24	2°44	T 28
W29	3 0 57	13°48'50	0♎ 8	3°41	2° 9	9°15	9° 4	12°40	6°24	10°13	14°40	0°14	0°37	18°31	2°49	W29
T 30	3 4 53	14°49'24	14°52	5° 1	3°24	10° 0	9°15	12°36	6°26	10°15	14°39	0° 6	0°34	18°38	2°53	T 30
F 31	3 8 50	15♏49'59	29♎36	6♐20	4♏40	10♑46	9♑26	12♈33	6♑29	10♐17	14♓39	29♑55	0♒31	18♓44	2♑58	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	6s14	0n10	3s44	8s21	0n12	2n33	1n31	24s37	1s37	23s43	0s17	3n14	2s49	23s46	0s21	20s31	1n27	20s30	15s54	19s30	19s46	2s31	17s26	6n 5
T 2	6 37	6s32	4 29	9 3	0 5	2 3	1 31	24 41	1 37	23 43	0 17	3 12	2 49	23 46	0 21	20 31	1 27	20 31	15 54	19 32	19 47	2 28	17 27	6 5
F 3	6 59	12 50	4 55	9 45	0s 2	1 33	1 31	24 44	1 37	23 43	0 17	3 10	2 49	23 46	0 21	20 31	1 27	20 31	15 54	19 35	19 47	2 25	17 27	6 4
S 4	7 22	18 18	5 1	10 26	0 9	1 4	1 31	24 48	1 37	23 42	0 17	3 9	2 49	23 46	0 21	20 31	1 27	20 31	15 53	19 37	19 48	2 22	17 28	6 4
S 5	7 45	22 34	4 47	11 7	0 15	0 34	1 31	24 51	1 36	23 42	0 17	3 7	2 49	23 46	0 21	20 32	1 26	20 31	15 53	19 40	19 49	2 18	17 28	6 3
M 6	8 8	25 20	4 15	11 47	0 22	0 4	1 31	24 53	1 36	23 42	0 17	3 5	2 49	23 46	0 21	20 32	1 26	20 32	15 53	19 42	19 50	2 15	17 28	6 3
T 7	8 30	26 30	3 30	12 26	0 29	0s26	1 31	24 56	1 36	23 42	0 17	3 3	2 49	23 46	0 21	20 32	1 26	20 32	15 53	19 43	19 50	2 12	17 29	6 3
W 8	8 53	26 7	2 35	13 5	0 36	0 56	1 31	24 58	1 36	23 41	0 17	3 1	2 49	23 46	0 21	20 33	1 26	20 32	15 53	19 44	19 51	2 9	17 29	6 2
T 9	9 15	24 20	1 34	13 43	0 42	1 26	1 31	25 0	1 36	23 41	0 17	3 0	2 48	23 46	0 21	20 33	1 26	20 32	15 52	19 44	19 52	2 6	17 29	6 2
F 10	9 37	21 26	0 30	14 21	0 49	1 56	1 30	25 2	1 36	23 41	0 17	2 58	2 48	23 46	0 21	20 33	1 26	20 32	15 52	19 44	19 52	2 3	17 30	6 1
S 11	9 59	17 39	0n33	14 57	0 55	2 26	1 30	25 3	1 36	23 40	0 17	2 56	2 48	23 45	0 21	20 33	1 26	20 32	15 52	19 44	19 53	1 59	17 30	6 1
S 12	10 21	13 13	1 35	15 33	1 2	2 56	1 29	25 4	1 36	23 40	0 17	2 54	2 48	23 45	0 21	20 34	1 26	20 33	15 52	19 45	19 54	1 56	17 30	6 1
M13	10 42	8 21	2 32	16 8	1 8	3 26	1 29	25 5	1 35	23 40	0 17	2 53	2 48	23 45	0 21	20 34	1 26	20 33	15 51	19 45	19 55	1 53	17 31	6 0
T 14	11 4	3 11	3 22	16 43	1 15	3 56	1 28	25 6	1 35	23 39	0 18	2 51	2 48	23 45	0 21	20 34	1 26	20 33	15 51	19 47	19 55	1 50	17 31	6 0
W15	11 25	2n 6	4 3	17 16	1 21	4 25	1 28	25 6	1 35	23 39	0 18	2 49	2 48	23 45	0 21	20 35	1 26	20 33	15 51	19 48	19 56	1 47	17 31	6 0
T 16	11 46	7 21	4 35	17 49	1 27	4 55	1 27	25 7	1 35	23 39	0 18	2 48	2 48	23 45	0 21	20 35	1 26	20 33	15 51	19 51	19 57	1 44	17 32	5 59
F 17	12 7	12 23	4 54	18 20	1 33	5 25	1 26	25 6	1 35	23 38	0 18	2 46	2 48	23 45	0 21	20 35	1 26	20 33	15 51	19 54	19 57	1 40	17 32	5 59
S 18	12 28	16 59	4 59	18 51	1 38	5 54	1 25	25 6	1 34	23 38	0 18	2 44	2 48	23 45	0 21	20 36	1 26	20 33	15 50	19 57	19 58	1 37	17 32	5 59
S 19	12 49	20 57	4 51	19 21	1 44	6 24	1 24	25 5	1 34	23 37	0 18	2 43	2 48	23 45	0 21	20 36	1 26	20 33	15 50	20 0	19 59	1 34	17 33	5 58
M20	13 9	23 59	4 29	19 50	1 49	6 53	1 23	25 4	1 34	23 37	0 18	2 41	2 47	23 45	0 21	20 36	1 26	20 33	15 50	20 3	19 59	1 31	17 33	5 58
T 21	13 29	25 53	3 52	20 18	1 54	7 22	1 22	25 3	1 34	23 36	0 18	2 40	2 47	23 44	0 21	20 37	1 26	20 33	15 49	20 5	20 0	1 28	17 33	5 57
W22	13 49	26 24	3 3	20 45	1 59	7 51	1 21	25 2	1 34	23 36	0 18	2 38	2 47	23 44	0 21	20 37	1 26	20 33	15 49	20 7	20 1	1 25	17 33	5 57
T 23	14 9	25 27	2 4	21 10	2 4	8 20	1 20	25 0	1 33	23 35	0 18	2 37	2 47	23 44	0 21	20 37	1 26	20 33	15 49	20 8	20 1	1 21	17 34	5 57
F 24	14 29	23 2	0 57	21 35	2 8	8 48	1 19	24 58	1 33	23 35	0 18	2 35	2 47	23 44	0 21	20 37	1 26	20 33	15 49	20 8	20 2	1 18	17 34	5 57
S 25	14 48	19 17	0s15	21 59	2 12	9 17	1 18	24 56	1 33	23 34	0 18	2 34	2 47	23 44	0 21	20 38	1 26	20 33	15 48	20 8	20 3	1 15	17 34	5 56
S 26	15 7	14 24	1 27	22 21	2 16	9 45	1 16	24 53	1 33	23 33	0 18	2 32	2 47	23 44	0 21	20 38	1 26	20 33	15 48	20 8	20 4	1 12	17 34	5 56
M27	15 26	8 41	2 35	22 42	2 20	10 13	1 15	24 50	1 32	23 33	0 18	2 31	2 46	23 44	0 21	20 38	1 26	20 33	15 48	20 8	20 4	1 9	17 35	5 56
T 28	15 44	2 25	3 35	23 2	2 23	10 41	1 13	24 47	1 32	23 32	0 18	2 30	2 46	23 44	0 21	20 39	1 26	20 33	15 48	20 9	20 5	1 6	17 35	5 55
W29	16 3	4s 3	4 21	23 21	2 26	11 8	1 12	24 44	1 32	23 31	0 18	2 28	2 46	23 44	0 21	20 39	1 26	20 33	15 47	20 10	20 6	1 3	17 35	5 55
T 30	16 21	10 20	4 51	23 39	2 28	11 36	1 10	24 40	1 31	23 31	0 19	2 27	2 46	23 43	0 21	20 39	1 26	20 33	15 47	20 12	20 6	0 59	17 35	5 55
F 31	16s38	16s 4	5s 1	23s55	2s30	12s 3	1n 9	24s36	1s31	23s30	0s19	2n26	2s46	23s43	0s21	20s40	1n26	20s33	15s47	20s15	20s 7	0s56	17s35	5n54

Julian Day Number = 2203461.5, Delta T = 09m52s
Ecliptic obliquity = 23°31'44, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°16'00, Lahiri = 14°23'00 Julian Calendar 1 Oct. 1320 == Greg. Calendar 9 Oct. 1320

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ASTRODIENST EPHEMERIS for the year 1320
geocentric

NOVEMBER 1320 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	3 12 46	16♏50'37	14♏13	7♐37	5♏55	11♑32	9♑37	12°R29	6♑31	10♐19	14°R38	29°R43	0♒27	18♓51	3♑ 2	S 1
S 2	3 16 43	17°51'15	28°35	8°53	7°11	12°18	9°48	12♈26	6°34	10°21	14♓38	29♑32	0°24	18°58	3° 7	S 2
M 3	3 20 39	18°51'55	12♐35	10° 7	8°26	13° 4	9°59	12°22	6°36	10°23	14°37	29°23	0°21	19° 4	3°11	M 3
T 4	3 24 36	19°52'37	26°11	11°19	9°41	13°50	10°10	12°19	6°39	10°25	14°37	29°16	0°18	19°11	3°16	T 4
W 5	3 28 33	20°53'20	9♑20	12°28	10°57	14°35	10°22	12°16	6°42	10°27	14°37	29°11	0°15	19°18	3°21	W 5
T 6	3 32 29	21°54'04	22° 6	13°35	12°12	15°21	10°33	12°13	6°45	10°30	14°36	29° 9	0°12	19°24	3°26	T 6
F 7	3 36 26	22°54'49	4♒30	14°38	13°28	16° 8	10°45	12°10	6°47	10°32	14°36	29°D 9	0° 8	19°31	3°31	F 7
S 8	3 40 22	23°55'35	16°37	15°38	14°43	16°54	10°56	12° 7	6°50	10°34	14°36	29°10	0° 5	19°38	3°35	S 8
S 9	3 44 19	24°56'22	28°33	16°34	15°59	17°40	11° 8	12° 4	6°53	10°36	14°35	29°R10	0° 2	19°44	3°40	S 9
M10	3 48 15	25°57'10	10♓23	17°25	17°14	18°26	11°20	12° 1	6°56	10°38	14°35	29° 9	29♑59	19°51	3°45	M10
T 11	3 52 12	26°57'59	22°13	18°11	18°30	19°12	11°32	11°58	6°59	10°41	14°35	29° 5	29°56	19°58	3°50	T 11
W12	3 56 8	27°58'49	4♈ 7	18°51	19°45	19°58	11°44	11°56	7° 2	10°43	14°35	28°59	29°52	20° 5	3°55	W12
T 13	4 0 5	28°59'40	16°10	19°25	21° 1	20°45	11°56	11°53	7° 5	10°45	14°34	28°51	29°49	20°11	4° 1	T 13
F 14	4 4 2	0♐ 0'32	28°23	19°51	22°16	21°31	12° 8	11°51	7° 8	10°47	14°34	28°41	29°46	20°18	4° 6	F 14
S 15	4 7 58	1° 1'25	10♉50	20° 8	23°32	22°17	12°20	11°49	7°11	10°49	14°34	28°30	29°43	20°25	4°11	S 15
S 16	4 11 55	2° 2'19	23°32	20°R17	24°47	23° 3	12°32	11°46	7°14	10°52	14°34	28°19	29°40	20°31	4°16	S 16
M17	4 15 51	3° 3'14	6♊27	20°15	26° 3	23°50	12°45	11°44	7°17	10°54	14°34	28° 9	29°37	20°38	4°21	M17
T 18	4 19 48	4° 4'10	19°36	20° 3	27°18	24°36	12°57	11°42	7°20	10°56	14°34	28° 1	29°33	20°45	4°27	T 18
W19	4 23 44	5° 5'07	2♋56	19°40	28°34	25°23	13°10	11°40	7°23	10°59	14°34	27°56	29°30	20°51	4°32	W19
T 20	4 27 41	6° 6'06	16°27	19° 6	29°49	26° 9	13°22	11°39	7°26	11° 1	14°D34	27°53	29°27	20°58	4°37	T 20
F 21	4 31 38	7° 7'05	0♌ 7	18°20	1♐ 5	26°56	13°35	11°37	7°30	11° 3	14°34	27°D53	29°24	21° 5	4°43	F 21
S 22	4 35 34	8° 8'06	13°56	17°23	2°20	27°42	13°48	11°35	7°33	11° 5	14°34	27°53	29°21	21°11	4°48	S 22
S 23	4 39 31	9° 9'07	27°52	16°17	3°36	28°29	14° 0	11°34	7°36	11° 8	14°34	27°55	29°18	21°18	4°53	S 23
M24	4 43 27	10°10'10	11♍56	15° 4	4°51	29°15	14°13	11°33	7°39	11°10	14°34	27°R55	29°14	21°25	4°59	M24
T 25	4 47 24	11°11'14	26° 6	13°44	6° 7	0♒ 2	14°26	11°31	7°43	11°12	14°34	27°54	29°11	21°32	5° 4	T 25
W26	4 51 20	12°12'19	10♎21	12°22	7°22	0°48	14°39	11°30	7°46	11°14	14°34	27°51	29° 8	21°38	5°10	W26
T 27	4 55 17	13°13'25	24°38	10°59	8°38	1°35	14°52	11°29	7°49	11°17	14°34	27°46	29° 5	21°45	5°15	T 27
F 28	4 59 13	14°14'32	8♏54	9°39	9°54	2°21	15° 5	11°28	7°53	11°19	14°34	27°39	29° 2	21°52	5°21	F 28
S 29	5 3 10	15°15'39	23° 3	8°24	11° 9	3° 8	15°18	11°27	7°56	11°21	14°35	27°32	28°58	21°58	5°26	S 29
S 30	5 7 7	16♐16'48	7♐ 0	7♐16	12♐25	3♒55	15♑31	11♈27	7♑59	11♐23	14♓35	27♑25	28♑55	22♓ 5	5♑32	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	16s56	20s48	4s52	24s 9	2s32	12s29	1n 7	24s32	1s31	23s29	0s19	2n25	2s46	23s43	0s21	20s40	1n26	20s33	15s46	20s17	20s 8	0s53	17s36	5n54
S 2	17 13	24 12	4 24	24 23	2 33	12 56	1 5	24 27	1 30	23 29	0 19	2 23	2 45	23 43	0 21	20 40	1 26	20 33	15 46	20 19	20 8	0 50	17 36	5 54
M 3	17 30	26 2	3 41	24 35	2 33	13 22	1 4	24 23	1 30	23 28	0 19	2 22	2 45	23 43	0 21	20 41	1 25	20 33	15 46	20 21	20 9	0 47	17 36	5 54
T 4	17 46	26 14	2 46	24 45	2 33	13 47	1 2	24 18	1 30	23 27	0 19	2 21	2 45	23 43	0 21	20 41	1 25	20 33	15 45	20 23	20 10	0 44	17 36	5 53
W 5	18 3	24 55	1 43	24 53	2 32	14 13	1 0	24 12	1 29	23 26	0 19	2 20	2 45	23 43	0 21	20 41	1 25	20 32	15 45	20 24	20 10	0 40	17 36	5 53
T 6	18 19	22 20	0 38	25 1	2 31	14 38	0 58	24 7	1 29	23 25	0 19	2 19	2 45	23 42	0 21	20 42	1 25	20 32	15 45	20 24	20 11	0 37	17 36	5 53
F 7	18 34	18 45	0n28	25 6	2 29	15 3	0 56	24 1	1 29	23 24	0 19	2 18	2 44	23 42	0 21	20 42	1 25	20 32	15 44	20 24	20 12	0 34	17 36	5 53
S 8	18 49	14 27	1 32	25 10	2 25	15 27	0 54	23 55	1 28	23 24	0 19	2 17	2 44	23 42	0 21	20 42	1 25	20 32	15 44	20 24	20 12	0 31	17 37	5 52
S 9	19 4	9 41	2 30	25 12	2 21	15 51	0 53	23 48	1 28	23 23	0 19	2 16	2 44	23 42	0 21	20 43	1 25	20 32	15 44	20 24	20 13	0 28	17 37	5 52
M10	19 19	4 36	3 21	25 12	2 17	16 14	0 51	23 42	1 27	23 22	0 19	2 15	2 44	23 42	0 21	20 43	1 25	20 32	15 43	20 24	20 14	0 25	17 37	5 52
T 11	19 33	0n38	4 4	25 10	2 11	16 37	0 48	23 35	1 27	23 21	0 19	2 15	2 44	23 42	0 21	20 43	1 25	20 31	15 43	20 25	20 14	0 22	17 37	5 52
W12	19 47	5 52	4 36	25 6	2 3	17 0	0 46	23 28	1 27	23 20	0 19	2 14	2 43	23 42	0 21	20 44	1 25	20 31	15 43	20 26	20 15	0 18	17 37	5 51
T 13	20 1	10 56	4 57	25 1	1 55	17 22	0 44	23 20	1 26	23 19	0 19	2 13	2 43	23 41	0 21	20 44	1 25	20 31	15 42	20 28	20 16	0 15	17 37	5 51
F 14	20 14	15 40	5 4	24 53	1 45	17 44	0 42	23 13	1 26	23 18	0 19	2 12	2 43	23 41	0 21	20 44	1 25	20 31	15 42	20 30	20 17	0 12	17 37	5 51
S 15	20 26	19 50	4 57	24 44	1 34	18 5	0 40	23 5	1 25	23 17	0 20	2 12	2 43	23 41	0 21	20 45	1 25	20 30	15 42	20 32	20 17	0 9	17 37	5 51
S 16	20 39	23 10	4 36	24 32	1 22	18 25	0 38	22 57	1 25	23 16	0 20	2 11	2 42	23 41	0 21	20 45	1 25	20 30	15 41	20 35	20 18	0 6	17 37	5 51
M17	20 51	25 24	4 0	24 18	1 8	18 46	0 36	22 48	1 24	23 15	0 20	2 10	2 42	23 41	0 21	20 45	1 25	20 30	15 41	20 36	20 19	0 3	17 37	5 50
T 18	21 2	26 17	3 10	24 2	0 53	19 5	0 33	22 40	1 24	23 13	0 20	2 10	2 42	23 40	0 21	20 46	1 25	20 30	15 41	20 38	20 19	0n 0	17 37	5 50
W19	21 14	25 40	2 10	23 43	0 36	19 25	0 31	22 31	1 23	23 12	0 20	2 9	2 42	23 40	0 21	20 46	1 25	20 29	15 40	20 39	20 20	0 4	17 37	5 50
T 20	21 24	23 31	1 1	23 23	0 18	19 43	0 29	22 21	1 23	23 11	0 20	2 9	2 41	23 40	0 21	20 46	1 25	20 29	15 40	20 40	20 21	0 7	17 37	5 50
F 21	21 35	20 0	0s12	23 0	0n 1	20 1	0 26	22 12	1 23	23 10	0 20	2 8	2 41	23 40	0 21	20 47	1 25	20 29	15 40	20 40	20 21	0 10	17 37	5 50
S 22	21 45	15 21	1 25	22 35	0 21	20 19	0 24	22 2	1 22	23 9	0 20	2 8	2 41	23 40	0 21	20 47	1 25	20 28	15 39	20 40	20 22	0 13	17 37	5 50
S 23	21 54	9 51	2 34	22 8	0 41	20 36	0 22	21 52	1 22	23 7	0 20	2 8	2 41	23 40	0 21	20 47	1 25	20 28	15 39	20 39	20 23	0 16	17 37	5 49
M24	22 3	3 48	3 35	21 40	1 2	20 52	0 19	21 42	1 21	23 6	0 20	2 7	2 40	23 39	0 21	20 48	1 25	20 28	15 39	20 39	20 23	0 19	17 37	5 49
T 25	22 12	2s27	4 22	21 11	1 21	21 8	0 17	21 32	1 21	23 5	0 20	2 7	2 40	23 39	0 21	20 48	1 25	20 27	15 38	20 40	20 24	0 22	17 37	5 49
W26	22 20	8 37	4 54	20 42	1 40	21 23	0 15	21 21	1 20	23 3	0 20	2 7	2 40	23 39	0 21	20 48	1 25	20 27	15 38	20 40	20 24	0 26	17 37	5 49
T 27	22 28	14 21	5 8	20 14	1 57	21 37	0 12	21 11	1 20	23 2	0 20	2 7	2 39	23 39	0 21	20 49	1 25	20 27	15 38	20 41	20 25	0 29	17 37	5 49
F 28	22 36	19 17	5 3	19 47	2 13	21 51	0 10	20 59	1 19	23 1	0 20	2 7	2 39	23 39	0 21	20 49	1 25	20 26	15 37	20 42	20 26	0 32	17 37	5 49
S 29	22 43	23 5	4 39	19 23	2 26	22 4	0 8	20 48	1 19	22 59	0 21	2 7	2 39	23 38	0 21	20 49	1 25	20 26	15 37	20 44	20 26	0 35	17 37	5 49
S 30	22s49	25s29	3s58	19s 1	2n37	22s17	0n 5	20s37	1s18	22s58	0s21	2n 7	2s39	23s38	0s21	20s49	1n25	20s25	15s37	20s45	20s27	0n38	17s36	5n49

Julian Day Number = 2203492.5, Delta T = 09m52s
Ecliptic obliquity = 23°31'44, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°16'04, Lahiri = 14°23'04 Julian Calendar 1 Nov. 1320 == Greg. Calendar 9 Nov. 1320

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ASTRODIENST EPHEMERIS for the year 1320
geocentric

DECEMBER 1320 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	5 11 3	17♐17'57	20♐41	6°R17	13♐40	4♒41	15♑45	11°R26	8♑ 3	11♐26	14♓35	27°R19	28♑52	22♓12	5♑38	M 1
T 2	5 15 0	18°19'07	4♑ 4	5♐28	14°56	5°28	15°58	11♈26	8° 6	11°28	14°35	27♑14	28°49	22°18	5°43	T 2
W 3	5 18 56	19°20'17	17° 6	4°50	16°11	6°15	16°11	11°25	8° 9	11°30	14°36	27°12	28°46	22°25	5°49	W 3
T 4	5 22 53	20°21'27	29°49	4°23	17°27	7° 1	16°25	11°25	8°13	11°32	14°36	27°D12	28°43	22°32	5°55	T 4
F 5	5 26 49	21°22'38	12♒13	4° 6	18°42	7°48	16°38	11°25	8°16	11°35	14°36	27°13	28°39	22°39	6° 0	F 5
S 6	5 30 46	22°23'49	24°22	4°D 0	19°58	8°35	16°52	11°D25	8°20	11°37	14°37	27°14	28°36	22°45	6° 6	S 6
S 7	5 34 42	23°24'59	6♓20	4° 3	21°13	9°21	17° 5	11°25	8°23	11°39	14°37	27°16	28°33	22°52	6°12	S 7
M 8	5 38 39	24°26'10	18°12	4°16	22°29	10° 8	17°19	11°25	8°27	11°41	14°37	27°17	28°30	22°59	6°17	M 8
T 9	5 42 36	25°27'21	0♈ 2	4°36	23°45	10°55	17°32	11°25	8°30	11°44	14°38	27°R17	28°27	23° 5	6°23	T 9
W10	5 46 32	26°28'31	11°57	5° 4	25° 0	11°42	17°46	11°26	8°34	11°46	14°38	27°16	28°24	23°12	6°29	W10
T 11	5 50 29	27°29'42	24° 0	5°39	26°16	12°28	18° 0	11°26	8°37	11°48	14°39	27°13	28°20	23°19	6°35	T 11
F 12	5 54 25	28°30'53	6♉17	6°20	27°31	13°15	18°13	11°27	8°41	11°50	14°39	27° 9	28°17	23°25	6°40	F 12
S 13	5 58 22	29°32'03	18°49	7° 6	28°47	14° 2	18°27	11°28	8°44	11°52	14°40	27° 5	28°14	23°32	6°46	S 13
S 14	6 2 18	0♑33'14	1♊40	7°57	0♑ 2	14°48	18°41	11°28	8°48	11°55	14°40	27° 0	28°11	23°39	6°52	S 14
M15	6 6 15	1°34'24	14°50	8°51	1°18	15°35	18°55	11°29	8°51	11°57	14°41	26°56	28° 8	23°46	6°58	M15
T 16	6 10 11	2°35'34	28°18	9°50	2°33	16°22	19° 8	11°30	8°55	11°59	14°42	26°53	28° 4	23°52	7° 4	T 16
W17	6 14 8	3°36'45	12♋ 3	10°52	3°49	17° 9	19°22	11°32	8°59	12° 1	14°42	26°51	28° 1	23°59	7° 9	W17
T 18	6 18 5	4°37'55	26° 2	11°57	5° 4	17°55	19°36	11°33	9° 2	12° 3	14°43	26°D50	27°58	24° 6	7°15	T 18
F 19	6 22 1	5°39'05	10♌10	13° 5	6°20	18°42	19°50	11°34	9° 6	12° 5	14°44	26°51	27°55	24°12	7°21	F 19
S 20	6 25 58	6°40'15	24°24	14°15	7°35	19°29	20° 4	11°36	9° 9	12° 7	14°44	26°52	27°52	24°19	7°27	S 20
S 21	6 29 54	7°41'25	8♍41	15°27	8°50	20°15	20°18	11°37	9°13	12°10	14°45	26°53	27°49	24°26	7°33	S 21
M22	6 33 51	8°42'35	22°56	16°41	10° 6	21° 2	20°32	11°39	9°16	12°12	14°46	26°54	27°45	24°32	7°38	M22
T 23	6 37 47	9°43'45	7♎ 8	17°56	11°21	21°49	20°46	11°41	9°20	12°14	14°46	26°R55	27°42	24°39	7°44	T 23
W24	6 41 44	10°44'55	21°15	19°13	12°37	22°35	21° 0	11°43	9°23	12°16	14°47	26°55	27°39	24°46	7°50	W24
T 25	6 45 40	11°46'05	5♏14	20°32	13°52	23°22	21°14	11°45	9°27	12°18	14°48	26°54	27°36	24°53	7°56	T 25
F 26	6 49 37	12°47'15	19° 5	21°52	15° 8	24° 9	21°28	11°47	9°31	12°20	14°49	26°52	27°33	24°59	8° 2	F 26
S 27	6 53 34	13°48'25	2♐45	23°13	16°23	24°55	21°42	11°49	9°34	12°22	14°50	26°50	27°30	25° 6	8° 7	S 27
S 28	6 57 30	14°49'35	16°13	24°35	17°39	25°42	21°57	11°52	9°38	12°24	14°51	26°48	27°26	25°13	8°13	S 28
M29	7 1 27	15°50'44	29°28	25°58	18°54	26°29	22°11	11°54	9°41	12°26	14°51	26°47	27°23	25°19	8°19	M29
T 30	7 5 23	16°51'53	12♑29	27°22	20° 9	27°15	22°25	11°57	9°45	12°28	14°52	26°46	27°20	25°26	8°25	T 30
W31	7 9 20	17♑53'01	25♑15	28♐47	21♑25	28♒ 2	22♑39	12♈ 0	9♑48	12♐30	14♓53	26°D46	27♑17	25♓33	8♑30	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	22s55	26s17	3s 5	18s43	2n46	22s29	0n 3	20s25	1s17	22s56	0s21	2n 7	2s38	23s38	0s21	20s50	1n25	20s25	15s36	20s47	20s28	0n41	17s36	5n49
T 2	23 1	25 30	2 2	18 28	2 52	22 40	0 0	20 13	1 17	22 55	0 21	2 7	2 38	23 38	0 21	20 50	1 25	20 25	15 36	20 47	20 28	0 44	17 36	5 48
W 3	23 6	23 20	0 55	18 17	2 57	22 51	0s 2	20 1	1 16	22 53	0 21	2 7	2 38	23 38	0 21	20 50	1 25	20 24	15 36	20 48	20 29	0 47	17 36	5 48
T 4	23 11	20 2	0n14	18 10	2 59	23 0	0 4	19 48	1 16	22 52	0 21	2 7	2 38	23 37	0 21	20 51	1 25	20 24	15 35	20 48	20 30	0 51	17 36	5 48
F 5	23 15	15 54	1 21	18 7	2 59	23 10	0 7	19 36	1 15	22 50	0 21	2 7	2 37	23 37	0 21	20 51	1 25	20 23	15 35	20 48	20 30	0 54	17 36	5 48
S 6	23 19	11 12	2 23	18 7	2 58	23 18	0 9	19 23	1 15	22 48	0 21	2 7	2 37	23 37	0 21	20 51	1 25	20 23	15 35	20 47	20 31	0 57	17 35	5 48
S 7	23 22	6 10	3 17	18 10	2 55	23 26	0 12	19 10	1 14	22 47	0 21	2 8	2 37	23 37	0 21	20 52	1 25	20 22	15 34	20 47	20 32	1 0	17 35	5 48
M 8	23 25	0 57	4 3	18 16	2 51	23 33	0 14	18 57	1 14	22 45	0 21	2 8	2 36	23 37	0 21	20 52	1 25	20 22	15 34	20 47	20 32	1 3	17 35	5 48
T 9	23 27	4n16	4 38	18 25	2 46	23 39	0 16	18 44	1 13	22 44	0 21	2 8	2 36	23 36	0 21	20 52	1 25	20 22	15 34	20 47	20 33	1 6	17 35	5 48
W10	23 29	9 22	5 2	18 36	2 41	23 45	0 19	18 30	1 12	22 42	0 21	2 9	2 36	23 36	0 21	20 52	1 25	20 21	15 33	20 47	20 34	1 9	17 34	5 48
T 11	23 30	14 11	5 12	18 48	2 34	23 49	0 21	18 16	1 12	22 40	0 21	2 9	2 36	23 36	0 21	20 53	1 25	20 21	15 33	20 48	20 34	1 12	17 34	5 48
F 12	23 31	18 31	5 9	19 2	2 27	23 54	0 23	18 2	1 11	22 38	0 21	2 10	2 35	23 36	0 21	20 53	1 25	20 20	15 33	20 48	20 35	1 16	17 34	5 48
S 13	23 32	22 8	4 51	19 17	2 20	23 57	0 26	17 48	1 11	22 36	0 22	2 10	2 35	23 35	0 21	20 53	1 25	20 20	15 32	20 49	20 36	1 19	17 34	5 48
S 14	23 32	24 47	4 18	19 33	2 12	24 0	0 28	17 34	1 10	22 35	0 22	2 11	2 35	23 35	0 21	20 54	1 25	20 19	15 32	20 50	20 36	1 22	17 33	5 48
M15	23 31	26 9	3 31	19 49	2 4	24 1	0 30	17 20	1 9	22 33	0 22	2 12	2 34	23 35	0 21	20 54	1 25	20 18	15 32	20 51	20 37	1 25	17 33	5 48
T 16	23 30	26 2	2 31	20 6	1 56	24 3	0 32	17 5	1 9	22 31	0 22	2 12	2 34	23 35	0 21	20 54	1 25	20 18	15 31	20 52	20 37	1 28	17 33	5 48
W17	23 29	24 19	1 20	20 23	1 47	24 3	0 35	16 50	1 8	22 29	0 22	2 13	2 34	23 34	0 21	20 54	1 25	20 17	15 31	20 52	20 38	1 31	17 32	5 48
T 18	23 27	21 6	0 4	20 41	1 38	24 3	0 37	16 35	1 8	22 27	0 22	2 14	2 34	23 34	0 21	20 55	1 25	20 17	15 31	20 52	20 39	1 34	17 32	5 48
F 19	23 24	16 35	1s13	20 58	1 30	24 1	0 39	16 20	1 7	22 25	0 22	2 15	2 33	23 34	0 21	20 55	1 25	20 16	15 30	20 52	20 39	1 37	17 32	5 48
S 20	23 22	11 8	2 26	21 15	1 21	24 0	0 41	16 5	1 6	22 23	0 22	2 15	2 33	23 34	0 21	20 55	1 25	20 16	15 30	20 52	20 40	1 40	17 31	5 48
S 21	23 18	5 5	3 31	21 32	1 12	23 57	0 43	15 49	1 6	22 21	0 22	2 16	2 33	23 33	0 21	20 56	1 25	20 15	15 30	20 51	20 41	1 43	17 31	5 48
M22	23 14	1s12	4 22	21 48	1 4	23 54	0 45	15 34	1 5	22 19	0 22	2 17	2 32	23 33	0 21	20 56	1 25	20 15	15 30	20 51	20 41	1 47	17 31	5 48
T 23	23 10	7 23	4 57	22 4	0 55	23 49	0 47	15 18	1 4	22 17	0 22	2 18	2 32	23 33	0 21	20 56	1 25	20 14	15 29	20 51	20 42	1 50	17 30	5 48
W24	23 6	13 10	5 14	22 19	0 47	23 45	0 49	15 2	1 4	22 15	0 22	2 19	2 32	23 33	0 21	20 56	1 25	20 13	15 29	20 51	20 43	1 53	17 30	5 48
T 25	23 0	18 13	5 13	22 33	0 38	23 39	0 51	14 46	1 3	22 13	0 23	2 20	2 32	23 33	0 21	20 57	1 25	20 13	15 29	20 51	20 43	1 56	17 30	5 48
F 26	22 55	22 15	4 53	22 47	0 30	23 33	0 53	14 30	1 2	22 11	0 23	2 21	2 31	23 32	0 21	20 57	1 25	20 12	15 28	20 52	20 44	1 59	17 29	5 49
S 27	22 49	24 58	4 16	23 0	0 22	23 26	0 55	14 14	1 2	22 9	0 23	2 23	2 31	23 32	0 21	20 57	1 25	20 12	15 28	20 52	20 44	2 2	17 29	5 49
S 28	22 42	26 14	3 26	23 12	0 13	23 18	0 57	13 58	1 1	22 6	0 23	2 24	2 31	23 32	0 21	20 57	1 25	20 11	15 28	20 52	20 45	2 5	17 28	5 49
M29	22 35	25 57	2 25	23 23	0 5	23 9	0 59	13 41	1 0	22 4	0 23	2 25	2 31	23 32	0 21	20 58	1 25	20 10	15 28	20 53	20 46	2 8	17 28	5 49
T 30	22 28	24 14	1 18	23 33	0s 2	23 0	1 0	13 24	1 0	22 2	0 23	2 26	2 30	23 31	0 21	20 58	1 25	20 10	15 27	20 53	20 46	2 11	17 27	5 49
W31	22s20	21s18	0s 8	23s41	0s10	22s50	1s 2	13s 8	0s59	22s 0	0s23	2n27	2s30	23s31	0s21	20s58	1n25	20s 9	15s27	20s53	20s47	2n14	17s27	5n49

Julian Day Number = 2203522.5, Delta T = 09m52s
Ecliptic obliquity = 23°31'43, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°16'08, Lahiri = 14°23'08 Julian Calendar 1 Dec. 1320 == Greg. Calendar 9 Dec. 1320

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1321
geocentric

JANUARY 1321 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	7 13 16	18♉54'09	7♒47	0♉13	22♉40	28♒48	22♉53	12♈ 2	9♉52	12♐32	14♓54	26♉46	27♉14	25♓39	8♉36	T 1
F 2	7 17 13	19°55'16	20° 5	1°39	23°56	29°35	23° 7	12° 5	9°55	12°34	14°55	26°47	27°10	25°46	8°42	F 2
S 3	7 21 10	20°56'21	2♓12	3° 6	25°11	0♓21	23°22	12° 8	9°59	12°35	14°56	26°47	27° 7	25°53	8°48	S 3
S 4	7 25 6	21°57'26	14° 9	4°34	26°26	1° 8	23°36	12°11	10° 3	12°37	14°57	26°48	27° 4	26° 0	8°53	S 4
M 5	7 29 3	22°58'30	26° 1	6° 3	27°42	1°54	23°50	12°15	10° 6	12°39	14°58	26°48	27° 1	26° 6	8°59	M 5
T 6	7 32 59	23°59'33	7♈52	7°32	28°57	2°41	24° 4	12°18	10°10	12°41	14°59	26°49	26°58	26°13	9° 5	T 6
W 7	7 36 56	25° 0'35	19°46	9° 3	0♒13	3°27	24°18	12°21	10°13	12°43	15° 0	26°49	26°55	26°20	9°10	W 7
T 8	7 40 52	26° 1'36	1♉48	10°33	1°28	4°14	24°32	12°25	10°16	12°45	15° 1	26°R49	26°51	26°26	9°16	T 8
F 9	7 44 49	27° 2'35	14° 2	12° 5	2°43	5° 0	24°47	12°28	10°20	12°46	15° 2	26°D49	26°48	26°33	9°21	F 9
S 10	7 48 45	28° 3'34	26°32	13°37	3°58	5°47	25° 1	12°32	10°23	12°48	15° 4	26°49	26°45	26°40	9°27	S 10
S 11	7 52 42	29° 4'31	9♊24	15°10	5°14	6°33	25°15	12°36	10°27	12°50	15° 5	26°49	26°42	26°46	9°33	S 11
M12	7 56 39	0♒ 5'27	22°38	16°43	6°29	7°19	25°29	12°40	10°30	12°52	15° 6	26°49	26°39	26°53	9°38	M12
T 13	8 0 35	1° 6'22	6♋16	18°17	7°44	8° 6	25°43	12°44	10°34	12°53	15° 7	26°50	26°36	27° 0	9°44	T 13
W14	8 4 32	2° 7'15	20°18	19°52	9° 0	8°52	25°58	12°48	10°37	12°55	15° 8	26°R50	26°32	27° 7	9°49	W14
T 15	8 8 28	3° 8'08	4♌39	21°28	10°15	9°38	26°12	12°52	10°40	12°56	15° 9	26°50	26°29	27°13	9°54	T 15
F 16	8 12 25	4° 8'59	19°15	23° 4	11°30	10°24	26°26	12°56	10°44	12°58	15°11	26°50	26°26	27°20	10° 0	F 16
S 17	8 16 21	5° 9'49	3♍59	24°41	12°45	11°10	26°40	13° 0	10°47	13° 0	15°12	26°49	26°23	27°27	10° 5	S 17
S 18	8 20 18	6°10'38	18°44	26°18	14° 0	11°57	26°54	13° 5	10°50	13° 1	15°13	26°48	26°20	27°33	10°11	S 18
M19	8 24 14	7°11'25	3♎23	27°57	15°16	12°43	27° 8	13° 9	10°54	13° 3	15°14	26°46	26°16	27°40	10°16	M19
T 20	8 28 11	8°12'12	17°51	29°36	16°31	13°29	27°22	13°14	10°57	13° 4	15°16	26°45	26°13	27°47	10°21	T 20
W21	8 32 8	9°12'58	2♏ 4	1♒16	17°46	14°15	27°36	13°18	11° 0	13° 6	15°17	26°45	26°10	27°54	10°27	W21
T 22	8 36 4	10°13'43	16° 0	2°57	19° 1	15° 1	27°50	13°23	11° 4	13° 7	15°18	26°D45	26° 7	28° 0	10°32	T 22
F 23	8 40 1	11°14'27	29°38	4°39	20°16	15°47	28° 4	13°28	11° 7	13° 9	15°19	26°45	26° 4	28° 7	10°37	F 23
S 24	8 43 57	12°15'10	12♐59	6°21	21°31	16°33	28°18	13°33	11°10	13°10	15°21	26°47	26° 1	28°14	10°42	S 24
S 25	8 47 54	13°15'52	26° 5	8° 4	22°46	17°19	28°32	13°38	11°13	13°11	15°22	26°48	25°57	28°20	10°47	S 25
M26	8 51 50	14°16'32	8♑56	9°48	24° 1	18° 5	28°46	13°43	11°16	13°13	15°23	26°49	25°54	28°27	10°52	M26
T 27	8 55 47	15°17'12	21°34	11°33	25°17	18°51	29° 0	13°48	11°19	13°14	15°25	26°R50	25°51	28°34	10°57	T 27
W28	8 59 43	16°17'49	4♒ 1	13°19	26°32	19°36	29°14	13°53	11°22	13°15	15°26	26°50	25°48	28°41	11° 2	W28
T 29	9 3 40	17°18'26	16°18	15° 6	27°47	20°22	29°28	13°59	11°26	13°16	15°28	26°49	25°45	28°47	11° 7	T 29
F 30	9 7 37	18°19'00	28°26	16°54	29° 2	21° 8	29°42	14° 4	11°29	13°18	15°29	26°46	25°42	28°54	11°12	F 30
S 31	9 11 33	19♒19'33	10♓26	18♒42	0♓17	21♓54	29♉56	14♈ 9	11♉32	13♐19	15♓30	26♉43	25♉38	29♓ 1	11♉17	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	22s11	17s25	1n 1	23s49	0s18	22s40	1s 4	12s51	0s58	21s58	0s23	2n29	2s30	23s31	0s21	20s58	1n25	20s 9	15s27	20s53	20s48	2n18	17s26	5n49	
F 2	22 3	12 51	2 6	23 56	0 25	22 28	1 5	12 34	0 58	21 55	0 23	2 30	2 29	23 31	0 21	20 58	1 25	20 8	15 26	20 53	20 48	2 21	17 26	5 49	
S 3	21 53	7 52	3 4	24 1	0 32	22 16	1 7	12 17	0 57	21 53	0 23	2 32	2 29	23 30	0 21	20 59	1 26	20 7	15 26	20 53	20 49	2 24	17 25	5 49	
S 4	21 44	2 40	3 54	24 6	0 39	22 4	1 8	11 59	0 56	21 51	0 23	2 33	2 29	23 30	0 21	20 59	1 26	20 7	15 26	20 53	20 49	2 27	17 25	5 50	
M 5	21 34	2n35	4 33	24 9	0 46	21 50	1 10	11 42	0 56	21 48	0 24	2 35	2 29	23 30	0 21	20 59	1 26	20 6	15 26	20 52	20 50	2 30	17 24	5 50	
T 6	21 23	7 44	5 0	24 11	0 52	21 36	1 11	11 25	0 55	21 46	0 24	2 36	2 28	23 29	0 21	20 59	1 26	20 5	15 25	20 52	20 51	2 33	17 24	5 50	
W 7	21 13	12 37	5 15	24 11	0 58	21 22	1 13	11 7	0 54	21 43	0 24	2 38	2 28	23 29	0 21	20 59	1 26	20 5	15 25	20 52	20 51	2 36	17 23	5 50	
T 8	21 1	17 5	5 16	24 11	1 4	21 7	1 14	10 50	0 54	21 41	0 24	2 39	2 28	23 29	0 21	21 0	1 26	20 4	15 25	20 52	20 52	2 39	17 23	5 50	
F 9	20 50	20 55	5 3	24 9	1 10	20 51	1 15	10 32	0 53	21 39	0 24	2 41	2 28	23 29	0 21	21 0	1 26	20 3	15 25	20 52	20 52	2 42	17 22	5 50	
S 10	20 38	23 55	4 36	24 5	1 16	20 34	1 16	10 14	0 52	21 36	0 24	2 43	2 27	23 28	0 21	21 0	1 26	20 3	15 24	20 52	20 53	2 45	17 22	5 51	
S 11	20 25	25 48	3 54	24 0	1 21	20 17	1 18	9 56	0 52	21 34	0 24	2 44	2 27	23 28	0 21	21 0	1 26	20 2	15 24	20 52	20 54	2 48	17 21	5 51	
M12	20 12	26 18	2 59	23 54	1 26	19 59	1 19	9 38	0 51	21 31	0 24	2 46	2 27	23 28	0 21	21 0	1 26	20 1	15 24	20 52	20 54	2 51	17 20	5 51	
T 13	19 59	25 14	1 52	23 47	1 31	19 41	1 20	9 20	0 50	21 29	0 24	2 48	2 27	23 28	0 21	21 1	1 26	20 1	15 24	20 52	20 55	2 54	17 20	5 51	
W14	19 46	22 35	0 36	23 38	1 36	19 22	1 21	9 2	0 49	21 26	0 24	2 50	2 26	23 27	0 21	21 1	1 26	20 0	15 23	20 52	20 55	2 58	17 19	5 51	
T 15	19 32	18 28	0s43	23 27	1 40	19 3	1 22	8 44	0 49	21 23	0 24	2 51	2 26	23 27	0 21	21 1	1 26	19 59	15 23	20 52	20 56	3 1	17 19	5 52	
F 16	19 17	13 11	2 1	23 15	1 44	18 43	1 23	8 26	0 48	21 21	0 25	2 53	2 26	23 27	0 21	21 1	1 26	19 59	15 23	20 52	20 57	3 4	17 18	5 52	
S 17	19 3	7 6	3 12	23 2	1 47	18 23	1 23	8 8	0 47	21 18	0 25	2 55	2 26	23 27	0 21	21 1	1 26	19 58	15 23	20 52	20 57	3 7	17 17	5 52	
S 18	18 48	0 39	4 10	22 47	1 51	18 2	1 24	7 50	0 47	21 16	0 25	2 57	2 25	23 26	0 21	21 1	1 26	19 57	15 23	20 53	20 58	3 10	17 17	5 52	
M19	18 33	5s48	4 51	22 30	1 54	17 40	1 25	7 31	0 46	21 13	0 25	2 59	2 25	23 26	0 21	21 2	1 26	19 57	15 22	20 53	20 59	3 13	17 16	5 53	
T 20	18 17	11 51	5 13	22 12	1 56	17 18	1 25	7 13	0 45	21 10	0 25	3 1	2 25	23 26	0 21	21 2	1 26	19 56	15 22	20 53	20 59	3 16	17 16	5 53	
W21	18 1	17 10	5 15	21 53	1 59	16 56	1 26	6 54	0 45	21 8	0 25	3 3	2 25	23 26	0 21	21 2	1 26	19 55	15 22	20 53	21 0	3 19	17 15	5 53	
T 22	17 45	21 27	4 59	21 32	2 1	16 33	1 26	6 36	0 44	21 5	0 25	3 5	2 24	23 25	0 21	21 2	1 26	19 55	15 22	20 53	21 0	3 22	17 14	5 53	
F 23	17 28	24 29	4 26	21 9	2 2	16 9	1 27	6 17	0 43	21 2	0 25	3 7	2 24	23 25	0 22	21 2	1 26	19 54	15 22	20 53	21 1	3 25	17 14	5 54	
S 24	17 11	26 4	3 39	20 45	2 3	15 46	1 27	5 59	0 42	21 0	0 25	3 9	2 24	23 25	0 22	21 2	1 26	19 53	15 21	20 53	21 1	3 28	17 13	5 54	
S 25	16 54	26 10	2 42	20 19	2 4	15 21	1 28	5 40	0 42	20 57	0 26	3 12	2 24	23 25	0 22	21 3	1 26	19 53	15 21	20 53	21 2	3 31	17 12	5 54	
M26	16 37	24 51	1 37	19 51	2 4	14 57	1 28	5 21	0 41	20 54	0 26	3 14	2 24	23 24	0 22	21 3	1 26	19 52	15 21	20 52	21 3	3 34	17 11	5 55	
T 27	16 19	22 16	0 29	19 22	2 4	14 31	1 28	5 3	0 40	20 51	0 26	3 16	2 23	23 24	0 22	21 3	1 26	19 51	15 21	20 52	21 3	3 37	17 11	5 55	
W28	16 1	18 41	0n40	18 52	2 4	14 6	1 28	4 44	0 40	20 49	0 26	3 18	2 23	23 24	0 22	21 3	1 26	19 51	15 21	20 52	21 4	3 40	17 10	5 55	
T 29	15 42	14 20	1 45	18 19	2 3	13 40	1 28	4 25	0 39	20 46	0 26	3 20	2 23	23 24	0 22	21 3	1 26	19 50	15 21	20 52	21 4	3 43	17 9	5 55	
F 30	15 24	9 29	2 45	17 46	2 2	13 14	1 28	4 7	0 38	20 43	0 26	3 23	2 23	23 23	0 22	21 3	1 26	19 49	15 21	20 53	21 5	3 46	17 9	5 56	
S 31	15s 5	4s20	3n37	17s10	2s 0	12s47	1s28	3s48	0s37	20s40	0s26	3n25	2s22	23s23	0s22	21s 3	1n26	19s49	15s20	20s53	21s 6	3n49	17s 8	5n56	

Julian Day Number = 2203553.5, Delta T = 09m52s
Ecliptic obliquity = 23°31'43, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°16'12, Lahiri = 14°23'13 Julian Calendar 1 Jan. 1321 == Greg. Calendar 9 Jan. 1321

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ASTRODIENST EPHEMERIS for the year 1321
geocentric

FEBRUARY 1321 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	9 15 30	20♒20'05	22♓21	20♒31	1♓32	22♓40	0♒10	14♈15	11♉35	13♐20	15♓32	26°R39	25♉35	29♓ 7	11♉22	S 1
M 2	9 19 26	21°20'34	4♈13	22°21	2°47	23°25	0°23	14°21	11°38	13°21	15°33	26♉35	25°32	29°14	11°27	M 2
T 3	9 23 23	22°21'02	16° 4	24°12	4° 1	24°11	0°37	14°26	11°40	13°22	15°35	26°30	25°29	29°21	11°32	T 3
W 4	9 27 19	23°21'28	27°57	26° 4	5°16	24°56	0°51	14°32	11°43	13°23	15°36	26°27	25°26	29°27	11°36	W 4
T 5	9 31 16	24°21'52	9♉57	27°56	6°31	25°42	1° 4	14°38	11°46	13°24	15°37	26°25	25°22	29°34	11°41	T 5
F 6	9 35 12	25°22'14	22° 7	29°49	7°46	26°28	1°18	14°44	11°49	13°25	15°39	26°D24	25°19	29°41	11°46	F 6
S 7	9 39 9	26°22'34	4♊33	1♓43	9° 1	27°13	1°32	14°50	11°52	13°26	15°40	26°24	25°16	29°48	11°50	S 7
S 8	9 43 6	27°22'52	17°18	3°37	10°16	27°58	1°45	14°56	11°55	13°27	15°42	26°25	25°13	29°54	11°55	S 8
M 9	9 47 2	28°23'08	0♋27	5°31	11°31	28°44	1°59	15° 2	11°57	13°28	15°43	26°27	25°10	0♈ 1	11°59	M 9
T 10	9 50 59	29°23'22	14° 3	7°25	12°45	29°29	2°12	15° 8	12° 0	13°29	15°45	26°28	25° 7	0° 8	12° 4	T 10
W11	9 54 55	0♓23'34	28° 6	9°19	14° 0	0♈14	2°25	15°14	12° 3	13°30	15°46	26°R29	25° 3	0°14	12° 8	W11
T 12	9 58 52	1°23'44	12♌36	11°13	15°15	1° 0	2°39	15°20	12° 5	13°31	15°48	26°28	25° 0	0°21	12°12	T 12
F 13	10 2 48	2°23'52	27°27	13° 7	16°29	1°45	2°52	15°26	12° 8	13°31	15°49	26°25	24°57	0°28	12°17	F 13
S 14	10 6 45	3°23'58	12♍33	14°59	17°44	2°30	3° 5	15°33	12°11	13°32	15°51	26°21	24°54	0°35	12°21	S 14
S 15	10 10 41	4°24'02	27°43	16°50	18°59	3°15	3°18	15°39	12°13	13°33	15°52	26°15	24°51	0°41	12°25	S 15
M16	10 14 38	5°24'04	12♎48	18°40	20°13	4° 0	3°32	15°46	12°16	13°34	15°54	26° 9	24°47	0°48	12°29	M16
T 17	10 18 35	6°24'05	27°39	20°27	21°28	4°45	3°45	15°52	12°18	13°34	15°55	26° 4	24°44	0°55	12°33	T 17
W18	10 22 31	7°24'04	12♏ 8	22°12	22°43	5°30	3°58	15°59	12°20	13°35	15°57	26° 0	24°41	1° 1	12°37	W18
T 19	10 26 28	8°24'01	26°12	23°54	23°57	6°15	4°11	16° 5	12°23	13°35	15°58	25°57	24°38	1° 8	12°41	T 19
F 20	10 30 24	9°23'57	9♐51	25°33	25°12	7° 0	4°24	16°12	12°25	13°36	16° 0	25°D56	24°35	1°15	12°45	F 20
S 21	10 34 21	10°23'51	23° 7	27° 7	26°26	7°45	4°36	16°19	12°27	13°37	16° 2	25°57	24°32	1°22	12°49	S 21
S 22	10 38 17	11°23'44	6♑ 1	28°37	27°40	8°30	4°49	16°25	12°30	13°37	16° 3	25°58	24°28	1°28	12°53	S 22
M23	10 42 14	12°23'34	18°37	0♈ 2	28°55	9°15	5° 2	16°32	12°32	13°38	16° 5	25°59	24°25	1°35	12°56	M23
T 24	10 46 10	13°23'23	1♒ 0	1°22	0♈ 9	10° 0	5°15	16°39	12°34	13°38	16° 6	26°R 0	24°22	1°42	13° 0	T 24
W25	10 50 7	14°23'10	13°11	2°35	1°24	10°44	5°27	16°46	12°36	13°38	16° 8	25°58	24°19	1°48	13° 4	W25
T 26	10 54 4	15°22'55	25°15	3°42	2°38	11°29	5°40	16°53	12°38	13°39	16° 9	25°54	24°16	1°55	13° 7	T 26
F 27	10 58 0	16°22'39	7♓14	4°42	3°52	12°13	5°52	17° 0	12°40	13°39	16°11	25°48	24°13	2° 2	13°10	F 27
S 28	11 1 57	17♓22'20	19♓ 8	5♈35	5♈ 7	12♈58	6♒ 5	17♈ 7	12♉42	13♐39	16♓12	25♉39	24♉ 9	2♈ 9	13♉14	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14s46	0n56	4n19	16s33	1s57	12s20	1s28	3s29	0s37	20s37	0s26	3n27	2s22	23s23	0s22	21s 3	1n26	19s48	15s20	20s54	21s 6	3n52	17s 7	5n56
M 2	14 26	6 7	4 50	15 55	1 54	11 53	1 28	3 10	0 36	20 34	0 26	3 30	2 22	23 23	0 22	21 3	1 26	19 47	15 20	20 55	21 7	3 56	17 6	5 57
T 3	14 7	11 5	5 8	15 14	1 51	11 26	1 27	2 51	0 35	20 32	0 27	3 32	2 22	23 22	0 22	21 4	1 26	19 47	15 20	20 56	21 7	3 59	17 6	5 57
W 4	13 47	15 39	5 13	14 33	1 47	10 58	1 27	2 33	0 34	20 29	0 27	3 34	2 22	23 22	0 22	21 4	1 27	19 46	15 20	20 57	21 8	4 2	17 5	5 58
T 5	13 27	19 40	5 5	13 50	1 42	10 30	1 27	2 14	0 34	20 26	0 27	3 37	2 21	23 22	0 22	21 4	1 27	19 45	15 20	20 57	21 9	4 5	17 4	5 58
F 6	13 7	22 55	4 43	13 5	1 37	10 1	1 26	1 55	0 33	20 23	0 27	3 39	2 21	23 22	0 22	21 4	1 27	19 45	15 20	20 57	21 9	4 8	17 3	5 58
S 7	12 46	25 10	4 7	12 19	1 31	9 32	1 26	1 36	0 32	20 20	0 27	3 42	2 21	23 22	0 22	21 4	1 27	19 44	15 20	20 57	21 10	4 11	17 3	5 59
S 8	12 26	26 12	3 18	11 32	1 25	9 3	1 25	1 18	0 32	20 17	0 27	3 44	2 21	23 21	0 22	21 4	1 27	19 43	15 19	20 57	21 10	4 14	17 2	5 59
M 9	12 5	25 49	2 18	10 43	1 18	8 34	1 24	0 59	0 31	20 14	0 27	3 47	2 21	23 21	0 22	21 4	1 27	19 43	15 19	20 57	21 11	4 17	17 1	5 59
T 10	11 44	23 54	1 7	9 54	1 10	8 5	1 24	0 40	0 30	20 11	0 27	3 49	2 21	23 21	0 22	21 4	1 27	19 42	15 19	20 56	21 11	4 20	17 0	6 0
W11	11 22	20 28	0s 9	9 3	1 2	7 35	1 23	0 21	0 29	20 8	0 28	3 52	2 20	23 21	0 22	21 4	1 27	19 41	15 19	20 56	21 12	4 23	17 0	6 0
T 12	11 1	15 42	1 27	8 12	0 53	7 6	1 22	0 3	0 29	20 6	0 28	3 54	2 20	23 20	0 22	21 4	1 27	19 41	15 19	20 56	21 13	4 26	16 59	6 1
F 13	10 40	9 53	2 41	7 19	0 43	6 36	1 21	0n16	0 28	20 3	0 28	3 57	2 20	23 20	0 22	21 4	1 27	19 40	15 19	20 57	21 13	4 29	16 58	6 1
S 14	10 18	3 25	3 44	6 26	0 33	6 5	1 20	0 35	0 27	20 0	0 28	3 59	2 20	23 20	0 22	21 4	1 27	19 39	15 19	20 58	21 14	4 32	16 57	6 1
S 15	9 56	3s15	4 33	5 33	0 22	5 35	1 19	0 54	0 27	19 57	0 28	4 2	2 20	23 20	0 22	21 4	1 27	19 39	15 19	20 59	21 14	4 35	16 57	6 2
M16	9 34	9 42	5 2	4 40	0 11	5 5	1 18	1 12	0 26	19 54	0 28	4 5	2 20	23 20	0 22	21 4	1 27	19 38	15 19	21 0	21 15	4 38	16 56	6 2
T 17	9 12	15 29	5 10	3 47	0n 1	4 34	1 17	1 31	0 25	19 51	0 28	4 7	2 19	23 19	0 22	21 4	1 27	19 37	15 19	21 1	21 15	4 41	16 55	6 3
W18	8 49	20 15	4 58	2 54	0 13	4 3	1 15	1 49	0 24	19 48	0 29	4 10	2 19	23 19	0 22	21 4	1 27	19 37	15 19	21 2	21 16	4 44	16 54	6 3
T 19	8 27	23 43	4 28	2 2	0 26	3 33	1 14	2 8	0 24	19 45	0 29	4 13	2 19	23 19	0 22	21 5	1 27	19 36	15 19	21 2	21 17	4 47	16 53	6 3
F 20	8 4	25 42	3 44	1 11	0 39	3 2	1 13	2 26	0 23	19 42	0 29	4 15	2 19	23 19	0 22	21 5	1 27	19 35	15 19	21 2	21 17	4 50	16 53	6 4
S 21	7 42	26 9	2 48	0 21	0 52	2 31	1 11	2 45	0 22	19 39	0 29	4 18	2 19	23 19	0 22	21 5	1 27	19 35	15 19	21 2	21 18	4 53	16 52	6 4
S 22	7 19	25 9	1 46	0n27	1 6	2 0	1 10	3 3	0 22	19 36	0 29	4 21	2 19	23 18	0 22	21 5	1 27	19 34	15 19	21 2	21 18	4 56	16 51	6 5
M23	6 56	22 53	0 40	1 14	1 19	1 29	1 8	3 21	0 21	19 33	0 29	4 24	2 19	23 18	0 22	21 5	1 27	19 34	15 19	21 2	21 19	4 59	16 50	6 5
T 24	6 33	19 34	0n27	1 58	1 33	0 57	1 7	3 40	0 20	19 30	0 29	4 26	2 18	23 18	0 22	21 5	1 27	19 33	15 19	21 2	21 19	5 2	16 49	6 6
W25	6 10	15 28	1 31	2 39	1 46	0 26	1 5	3 58	0 19	19 27	0 29	4 29	2 18	23 18	0 22	21 5	1 27	19 32	15 19	21 2	21 20	5 5	16 49	6 6
T 26	5 47	10 47	2 31	3 18	1 59	0n 5	1 3	4 16	0 19	19 24	0 30	4 32	2 18	23 18	0 22	21 5	1 27	19 32	15 19	21 3	21 21	5 8	16 48	6 7
F 27	5 24	5 45	3 23	3 53	2 12	0 36	1 2	4 34	0 18	19 21	0 30	4 35	2 18	23 17	0 22	21 5	1 27	19 31	15 19	21 4	21 21	5 11	16 47	6 7
S 28	5s 0	0s33	4n 6	4n25	2n24	1n 7	1s 0	4n52	0s17	19s18	0s30	4n37	2s18	23s17	0s22	21s 5	1n28	19s30	15s19	21s 6	21s22	5n14	16s46	6n 8

Julian Day Number = 2203584.5, Delta T = 09m52s
Ecliptic obliquity = 23°31'43, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°16'17, Lahiri = 14°23'17 Julian Calendar 1 Feb. 1321 == Greg. Calendar 9 Feb. 1321

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ASTRODIENST EPHEMERIS for the year 1321
geocentric

MARCH 1321 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	11 5 53	18♓21'59	1♈ 0	6♈20	6♈21	13♈43	6♒17	17♈14	12♑44	13♐40	16♓14	25°R29	24♑ 6	2♈15	13♑17	S 1
M 2	11 9 50	19°21'36	12°51	6°58	7°35	14°27	6°29	17°21	12°46	13°40	16°15	25♑18	24° 3	2°22	13°20	M 2
T 3	11 13 46	20°21'11	24°44	7°27	8°49	15°11	6°41	17°28	12°48	13°40	16°17	25° 7	24° 0	2°29	13°24	T 3
W 4	11 17 43	21°20'43	6♉39	7°49	10° 3	15°56	6°53	17°35	12°50	13°40	16°18	24°58	23°57	2°35	13°27	W 4
T 5	11 21 39	22°20'14	18°40	8° 3	11°18	16°40	7° 6	17°43	12°52	13°40	16°20	24°51	23°53	2°42	13°30	T 5
F 6	11 25 36	23°19'42	0♊50	8°R 8	12°32	17°25	7°17	17°50	12°53	13°40	16°21	24°46	23°50	2°49	13°33	F 6
S 7	11 29 32	24°19'08	13°13	8° 6	13°46	18° 9	7°29	17°57	12°55	13°40	16°23	24°43	23°47	2°56	13°36	S 7
S 8	11 33 29	25°18'32	25°53	7°57	15° 0	18°53	7°41	18° 4	12°57	13°R40	16°25	24°D42	23°44	3° 2	13°38	S 8
M 9	11 37 26	26°17'53	8♋54	7°40	16°14	19°37	7°53	18°12	12°58	13°40	16°26	24°43	23°41	3° 9	13°41	M 9
T 10	11 41 22	27°17'12	22°21	7°16	17°28	20°21	8° 4	18°19	13° 0	13°40	16°28	24°R43	23°38	3°16	13°44	T 10
W11	11 45 19	28°16'28	6♌17	6°47	18°42	21° 5	8°16	18°26	13° 1	13°40	16°29	24°43	23°34	3°22	13°47	W11
T 12	11 49 15	29°15'42	20°40	6°12	19°55	21°49	8°27	18°34	13° 3	13°40	16°31	24°40	23°31	3°29	13°49	T 12
F 13	11 53 12	0♈14'54	5♍30	5°32	21° 9	22°33	8°39	18°41	13° 4	13°40	16°32	24°35	23°28	3°36	13°52	F 13
S 14	11 57 8	1°14'03	20°39	4°49	22°23	23°17	8°50	18°49	13° 6	13°40	16°34	24°28	23°25	3°43	13°54	S 14
S 15	12 1 5	2°13'11	6♎ 0	4° 3	23°37	24° 1	9° 1	18°56	13° 7	13°39	16°35	24°19	23°22	3°49	13°56	S 15
M16	12 5 1	3°12'16	21°19	3°15	24°51	24°45	9°12	19° 4	13° 8	13°39	16°37	24° 8	23°19	3°56	13°59	M16
T 17	12 8 58	4°11'19	6♏25	2°26	26° 4	25°28	9°23	19°11	13° 9	13°39	16°38	23°59	23°15	4° 3	14° 1	T 17
W18	12 12 55	5°10'21	21°11	1°37	27°18	26°12	9°34	19°19	13°11	13°39	16°40	23°51	23°12	4° 9	14° 3	W18
T 19	12 16 51	6° 9'21	5♐28	0°50	28°31	26°56	9°45	19°26	13°12	13°38	16°41	23°45	23° 9	4°16	14° 5	T 19
F 20	12 20 48	7° 8'19	19°16	0° 4	29°45	27°39	9°56	19°34	13°13	13°38	16°43	23°42	23° 6	4°23	14° 7	F 20
S 21	12 24 44	8° 7'15	2♑35	29♓21	0♉58	28°23	10° 6	19°41	13°14	13°38	16°44	23°40	23° 3	4°30	14° 9	S 21
S 22	12 28 41	9° 6'09	15°29	28°41	2°12	29° 6	10°17	19°49	13°15	13°37	16°45	23°D40	22°59	4°36	14°10	S 22
M23	12 32 37	10° 5'02	28° 2	28° 5	3°25	29°50	10°27	19°57	13°16	13°37	16°47	23°R40	22°56	4°43	14°12	M23
T 24	12 36 34	11° 3'53	10♒18	27°34	4°39	0♉33	10°37	20° 4	13°17	13°36	16°48	23°39	22°53	4°50	14°14	T 24
W25	12 40 30	12° 2'42	22°22	27° 7	5°52	1°17	10°48	20°12	13°17	13°36	16°50	23°36	22°50	4°56	14°15	W25
T 26	12 44 27	13° 1'29	4♓19	26°45	7° 6	2° 0	10°58	20°20	13°18	13°35	16°51	23°30	22°47	5° 3	14°17	T 26
F 27	12 48 24	14° 0'15	16°11	26°29	8°19	2°43	11° 8	20°27	13°19	13°34	16°53	23°22	22°44	5°10	14°18	F 27
S 28	12 52 20	14°58'58	28° 2	26°17	9°32	3°26	11°17	20°35	13°20	13°34	16°54	23°10	22°40	5°17	14°20	S 28
S 29	12 56 17	15°57'39	9♈53	26°11	10°45	4°10	11°27	20°43	13°20	13°33	16°55	22°57	22°37	5°23	14°21	S 29
M30	13 0 13	16°56'19	21°46	26°D10	11°58	4°53	11°37	20°50	13°21	13°32	16°57	22°42	22°34	5°30	14°22	M30
T 31	13 4 10	17♈54'57	3♉43	26♓15	13♉12	5♉36	11♒46	20♈58	13♑21	13♐32	16♓58	22♑28	22♑31	5♈37	14♑23	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	4s37	4n39	4n38	4n54	2n35	1n39	0s58	5n10	0s17	19s15	0s30	4n40	2s18	23s17	0s22	21s 5	1n28	19s30	15s19	21s 7	21s22	5n17	16s45	6n 8
M 2	4 14	9 40	4 58	5 19	2 46	2 10	0 56	5 28	0 16	19 13	0 30	4 43	2 18	23 17	0 22	21 5	1 28	19 29	15 19	21 9	21 23	5 20	16 45	6 9
T 3	3 50	14 20	5 5	5 39	2 56	2 41	0 54	5 46	0 15	19 10	0 30	4 46	2 18	23 17	0 22	21 5	1 28	19 29	15 19	21 11	21 23	5 23	16 44	6 9
W 4	3 27	18 29	4 59	5 56	3 4	3 12	0 52	6 4	0 15	19 7	0 31	4 49	2 17	23 17	0 22	21 5	1 28	19 28	15 19	21 13	21 24	5 26	16 43	6 10
T 5	3 3	21 55	4 39	6 8	3 12	3 43	0 50	6 22	0 14	19 4	0 31	4 52	2 17	23 17	0 22	21 4	1 28	19 28	15 19	21 14	21 24	5 29	16 42	6 10
F 6	2 39	24 26	4 7	6 17	3 18	4 14	0 48	6 39	0 13	19 1	0 31	4 54	2 17	23 16	0 22	21 4	1 28	19 27	15 19	21 15	21 25	5 32	16 42	6 11
S 7	2 16	25 49	3 23	6 20	3 23	4 45	0 46	6 57	0 12	18 58	0 31	4 57	2 17	23 16	0 22	21 4	1 28	19 27	15 19	21 16	21 26	5 35	16 41	6 11
S 8	1 52	25 55	2 28	6 20	3 27	5 16	0 43	7 15	0 12	18 55	0 31	5 0	2 17	23 16	0 22	21 4	1 28	19 26	15 19	21 16	21 26	5 38	16 40	6 12
M 9	1 29	24 37	1 23	6 15	3 29	5 46	0 41	7 32	0 11	18 52	0 31	5 3	2 17	23 16	0 23	21 4	1 28	19 25	15 19	21 16	21 27	5 41	16 39	6 12
T 10	1 5	21 52	0 13	6 5	3 29	6 17	0 39	7 49	0 10	18 49	0 32	5 6	2 17	23 16	0 23	21 4	1 28	19 25	15 19	21 16	21 27	5 43	16 38	6 13
W11	0 41	17 47	1s 1	5 52	3 27	6 47	0 37	8 6	0 10	18 47	0 32	5 9	2 17	23 16	0 23	21 4	1 28	19 24	15 19	21 16	21 28	5 46	16 38	6 13
T 12	0 18	12 33	2 14	5 35	3 24	7 17	0 34	8 24	0 9	18 44	0 32	5 12	2 17	23 16	0 23	21 4	1 28	19 24	15 19	21 16	21 28	5 49	16 37	6 14
F 13	0n 6	6 27	3 19	5 15	3 19	7 47	0 32	8 41	0 8	18 41	0 32	5 15	2 17	23 16	0 23	21 4	1 28	19 23	15 20	21 17	21 29	5 52	16 36	6 14
S 14	0 30	0s 8	4 12	4 52	3 12	8 17	0 29	8 58	0 8	18 38	0 32	5 18	2 17	23 15	0 23	21 4	1 28	19 23	15 20	21 18	21 29	5 55	16 35	6 15
S 15	0 53	6 47	4 47	4 26	3 4	8 47	0 27	9 15	0 7	18 35	0 32	5 20	2 16	23 15	0 23	21 4	1 28	19 22	15 20	21 20	21 30	5 58	16 35	6 15
M16	1 17	13 0	5 2	3 57	2 54	9 17	0 24	9 31	0 6	18 33	0 33	5 23	2 16	23 15	0 23	21 4	1 28	19 22	15 20	21 22	21 30	6 1	16 34	6 16
T 17	1 40	18 21	4 55	3 28	2 43	9 46	0 22	9 48	0 6	18 30	0 33	5 26	2 16	23 15	0 23	21 4	1 28	19 21	15 20	21 24	21 31	6 4	16 33	6 16
W18	2 4	22 26	4 29	2 57	2 30	10 15	0 19	10 5	0 5	18 27	0 33	5 29	2 16	23 15	0 23	21 4	1 28	19 21	15 20	21 25	21 32	6 7	16 32	6 17
T 19	2 27	25 0	3 46	2 25	2 16	10 44	0 17	10 21	0 4	18 24	0 33	5 32	2 16	23 15	0 23	21 4	1 28	19 20	15 20	21 26	21 32	6 10	16 32	6 17
F 20	2 51	25 57	2 52	1 53	2 2	11 12	0 14	10 37	0 4	18 22	0 33	5 35	2 16	23 15	0 23	21 4	1 28	19 20	15 20	21 27	21 33	6 13	16 31	6 18
S 21	3 14	25 20	1 49	1 22	1 47	11 41	0 12	10 54	0 3	18 19	0 33	5 38	2 16	23 15	0 23	21 4	1 28	19 19	15 20	21 27	21 33	6 16	16 30	6 18
S 22	3 37	23 21	0 43	0 52	1 31	12 9	0 9	11 10	0 2	18 16	0 34	5 41	2 16	23 15	0 23	21 3	1 28	19 19	15 21	21 27	21 34	6 19	16 29	6 19
M23	4 0	20 15	0n23	0 23	1 15	12 36	0 6	11 26	0 2	18 14	0 34	5 44	2 16	23 15	0 23	21 3	1 28	19 19	15 21	21 27	21 34	6 22	16 29	6 20
T 24	4 24	16 20	1 27	0s 5	0 58	13 4	0 4	11 42	0 1	18 11	0 34	5 47	2 16	23 15	0 23	21 3	1 28	19 18	15 21	21 27	21 35	6 25	16 28	6 20
W25	4 47	11 49	2 26	0 30	0 42	13 31	0 1	11 57	0 0	18 8	0 34	5 50	2 16	23 15	0 23	21 3	1 29	19 18	15 21	21 27	21 35	6 28	16 27	6 21
T 26	5 10	6 54	3 17	0 54	0 26	13 58	0n 2	12 13	0n 0	18 6	0 34	5 52	2 16	23 14	0 23	21 3	1 29	19 17	15 21	21 28	21 36	6 31	16 26	6 21
F 27	5 33	1 47	4 0	1 15	0 10	14 24	0 5	12 29	0 1	18 3	0 34	5 55	2 16	23 14	0 23	21 3	1 29	19 17	15 21	21 30	21 36	6 34	16 26	6 22
S 28	5 55	3n22	4 32	1 34	0s 5	14 50	0 7	12 44	0 2	18 1	0 35	5 58	2 16	23 14	0 23	21 3	1 29	19 17	15 22	21 32	21 37	6 36	16 25	6 22
S 29	6 18	8 24	4 52	1 50	0 20	15 16	0 10	12 59	0 2	17 58	0 35	6 1	2 16	23 14	0 23	21 3	1 29	19 16	15 22	21 34	21 37	6 39	16 24	6 23
M30	6 41	13 8	4 59	2 3	0 35	15 41	0 13	13 15	0 3	17 56	0 35	6 4	2 16	23 14	0 23	21 3	1 29	19 16	15 22	21 37	21 38	6 42	16 24	6 23
T 31	7n 3	17n24	4n54	2s14	0s49	16n 6	0n16	13n30	0n 4	17s53	0s35	6n 7	2s16	23s14	0s23	21s 2	1n29	19s15	15s22	21s39	21s38	6n45	16s23	6n24

Julian Day Number = 2203612.5, Delta T = 09m52s
Ecliptic obliquity = 23°31'43, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°16'20, Lahiri = 14°23'21 Julian Calendar 1 March 1321 == Greg. Calendar 9 March 1321

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ASTRODIENST EPHEMERIS for the year 1321
geocentric

APRIL 1321 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	13 8 6	18♈53'32	15♉44	26♓24	14♉25	6♉19	11♒56	21♈ 6	13♑22	13°R31	16♓59	22°R16	22♑28	5♈43	14♑24	W 1
T 2	13 12 3	19°52'06	27°52	26°38	15°38	7° 2	12° 5	21°13	13°22	13♐30	17° 1	22♑ 5	22°24	5°50	14°25	T 2
F 3	13 15 59	20°50'37	10♊ 8	26°57	16°51	7°45	12°14	21°21	13°23	13°29	17° 2	21°58	22°21	5°57	14°26	F 3
S 4	13 19 56	21°49'07	22°35	27°20	18° 4	8°28	12°23	21°29	13°23	13°29	17° 3	21°53	22°18	6° 4	14°27	S 4
S 5	13 23 53	22°47'34	5♋16	27°48	19°17	9°11	12°32	21°37	13°23	13°28	17° 5	21°51	22°15	6°10	14°28	S 5
M 6	13 27 49	23°45'59	18°15	28°20	20°29	9°53	12°41	21°44	13°23	13°27	17° 6	21°50	22°12	6°17	14°28	M 6
T 7	13 31 46	24°44'22	1♌36	28°56	21°42	10°36	12°49	21°52	13°23	13°26	17° 7	21°50	22° 9	6°24	14°29	T 7
W 8	13 35 42	25°42'43	15°21	29°36	22°55	11°19	12°58	22° 0	13°24	13°25	17° 8	21°49	22° 5	6°30	14°29	W 8
T 9	13 39 39	26°41'01	29°32	0♈20	24° 8	12° 1	13° 6	22° 7	13°24	13°24	17°10	21°47	22° 2	6°37	14°30	T 9
F 10	13 43 35	27°39'17	14♍ 9	1° 7	25°20	12°44	13°14	22°15	13°R24	13°23	17°11	21°41	21°59	6°44	14°30	F 10
S 11	13 47 32	28°37'32	29° 7	1°58	26°33	13°27	13°23	22°23	13°24	13°22	17°12	21°34	21°56	6°51	14°30	S 11
S 12	13 51 28	29°35'44	14♎18	2°52	27°46	14° 9	13°30	22°30	13°24	13°21	17°13	21°24	21°53	6°57	14°30	S 12
M13	13 55 25	0♉33'54	29°33	3°48	28°58	14°51	13°38	22°38	13°23	13°20	17°15	21°13	21°50	7° 4	14°R30	M13
T 14	13 59 22	1°32'03	14♏40	4°48	0♊10	15°34	13°46	22°46	13°23	13°19	17°16	21° 2	21°46	7°11	14°30	T 14
W15	14 3 18	2°30'10	29°30	5°51	1°23	16°16	13°54	22°53	13°23	13°18	17°17	20°53	21°43	7°17	14°30	W15
T 16	14 7 15	3°28'16	13♐55	6°57	2°35	16°58	14° 1	23° 1	13°23	13°17	17°18	20°47	21°40	7°24	14°30	T 16
F 17	14 11 11	4°26'20	27°50	8° 5	3°48	17°41	14° 8	23° 9	13°22	13°16	17°19	20°43	21°37	7°31	14°30	F 17
S 18	14 15 8	5°24'23	11♑17	9°16	5° 0	18°23	14°15	23°16	13°22	13°14	17°20	20°41	21°34	7°38	14°29	S 18
S 19	14 19 4	6°22'24	24°15	10°29	6°12	19° 5	14°22	23°24	13°22	13°13	17°21	20°D41	21°30	7°44	14°29	S 19
M20	14 23 1	7°20'24	6♒51	11°45	7°24	19°47	14°29	23°31	13°21	13°12	17°22	20°R41	21°27	7°51	14°29	M20
T 21	14 26 57	8°18'22	19° 8	13° 3	8°36	20°29	14°36	23°39	13°21	13°11	17°24	20°40	21°24	7°58	14°28	T 21
W22	14 30 54	9°16'19	1♓12	14°24	9°48	21°11	14°42	23°46	13°20	13°10	17°25	20°38	21°21	8° 4	14°27	W22
T 23	14 34 51	10°14'15	13° 7	15°47	11° 0	21°53	14°49	23°54	13°19	13° 8	17°26	20°34	21°18	8°11	14°27	T 23
F 24	14 38 47	11°12'09	24°58	17°12	12°12	22°35	14°55	24° 1	13°19	13° 7	17°27	20°27	21°15	8°18	14°26	F 24
S 25	14 42 44	12°10'02	6♈48	18°39	13°24	23°17	15° 1	24° 9	13°18	13° 6	17°28	20°17	21°11	8°25	14°25	S 25
S 26	14 46 40	13° 7'54	18°41	20° 9	14°36	23°59	15° 7	24°16	13°17	13° 4	17°29	20° 6	21° 8	8°31	14°24	S 26
M27	14 50 37	14° 5'44	0♉38	21°41	15°48	24°41	15°12	24°24	13°16	13° 3	17°30	19°54	21° 5	8°38	14°23	M27
T 28	14 54 33	15° 3'33	12°42	23°15	16°59	25°22	15°18	24°31	13°15	13° 2	17°30	19°41	21° 2	8°45	14°22	T 28
W29	14 58 30	16° 1'20	24°53	24°51	18°11	26° 4	15°23	24°39	13°15	13° 0	17°31	19°31	20°59	8°52	14°21	W29
T 30	15 2 26	16♉59'07	7♊12	26♈29	19♊23	26♉46	15♒29	24♈46	13♑14	12♐59	17♓32	19♑22	20♑56	8♈58	14♑19	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
W 1	7n26	21n 0	4n35	2s23	1s 2	16n31	0n19	13n45	0n 4	17s51	0s35	6n10	2s16	23s14	0s23	21s 2	1n29	19s15	15s22	21s41	21s39	6n48	16s22	6n25
T 2	7 48	23 43	4 4	2 29	1 14	16 55	0 21	13 59	0 5	17 48	0 36	6 13	2 16	23 14	0 23	21 2	1 29	19 15	15 23	21 43	21 39	6 51	16 22	6 25
F 3	8 10	25 22	3 21	2 32	1 26	17 19	0 24	14 14	0 6	17 46	0 36	6 16	2 16	23 14	0 23	21 2	1 29	19 14	15 23	21 44	21 40	6 54	16 21	6 26
S 4	8 32	25 47	2 28	2 33	1 37	17 42	0 27	14 29	0 6	17 44	0 36	6 19	2 16	23 14	0 23	21 2	1 29	19 14	15 23	21 45	21 41	6 57	16 20	6 26
S 5	8 54	24 52	1 26	2 31	1 48	18 5	0 30	14 43	0 7	17 41	0 36	6 21	2 16	23 14	0 23	21 2	1 29	19 14	15 23	21 45	21 41	7 0	16 20	6 27
M 6	9 15	22 36	0 19	2 27	1 57	18 28	0 33	14 57	0 7	17 39	0 36	6 24	2 16	23 14	0 23	21 2	1 29	19 13	15 23	21 45	21 42	7 3	16 19	6 27
T 7	9 37	19 3	0s51	2 21	2 6	18 50	0 35	15 11	0 8	17 37	0 37	6 27	2 16	23 14	0 23	21 1	1 29	19 13	15 24	21 45	21 42	7 6	16 19	6 28
W 8	9 58	14 22	2 1	2 13	2 15	19 11	0 38	15 25	0 9	17 34	0 37	6 30	2 16	23 14	0 23	21 1	1 29	19 13	15 24	21 45	21 43	7 8	16 18	6 29
T 9	10 20	8 47	3 5	2 2	2 22	19 32	0 41	15 39	0 9	17 32	0 37	6 33	2 16	23 14	0 23	21 1	1 29	19 13	15 24	21 46	21 43	7 11	16 17	6 29
F 10	10 41	2 35	3 59	1 50	2 29	19 53	0 44	15 53	0 10	17 30	0 37	6 36	2 16	23 14	0 23	21 1	1 29	19 12	15 24	21 46	21 44	7 14	16 17	6 30
S 11	11 2	3s54	4 38	1 35	2 35	20 12	0 46	16 6	0 11	17 28	0 37	6 39	2 16	23 14	0 23	21 1	1 29	19 12	15 25	21 48	21 44	7 17	16 16	6 30
S 12	11 22	10 14	4 58	1 18	2 40	20 32	0 49	16 19	0 11	17 26	0 38	6 41	2 16	23 14	0 23	21 1	1 29	19 12	15 25	21 49	21 45	7 20	16 16	6 31
M13	11 43	15 59	4 57	1 0	2 45	20 51	0 52	16 33	0 12	17 24	0 38	6 44	2 16	23 14	0 23	21 1	1 29	19 12	15 25	21 51	21 45	7 23	16 15	6 31
T 14	12 3	20 41	4 36	0 40	2 49	21 9	0 55	16 46	0 12	17 22	0 38	6 47	2 16	23 15	0 23	21 0	1 29	19 11	15 25	21 53	21 46	7 26	16 14	6 32
W15	12 23	23 57	3 56	0 18	2 52	21 27	0 57	16 58	0 13	17 20	0 38	6 50	2 16	23 15	0 24	21 0	1 29	19 11	15 26	21 54	21 46	7 29	16 14	6 32
T 16	12 43	25 33	3 1	0n 6	2 54	21 44	1 0	17 11	0 14	17 18	0 39	6 53	2 16	23 15	0 24	21 0	1 29	19 11	15 26	21 55	21 47	7 31	16 13	6 33
F 17	13 3	25 28	1 58	0 31	2 56	22 1	1 2	17 24	0 14	17 16	0 39	6 56	2 16	23 15	0 24	21 0	1 29	19 11	15 26	21 56	21 47	7 34	16 13	6 34
S 18	13 22	23 52	0 50	0 58	2 58	22 17	1 5	17 36	0 15	17 14	0 39	6 58	2 16	23 15	0 24	21 0	1 29	19 10	15 26	21 56	21 48	7 37	16 12	6 34
S 19	13 42	21 2	0n19	1 26	2 58	22 32	1 8	17 48	0 15	17 12	0 39	7 1	2 16	23 15	0 24	21 0	1 29	19 10	15 27	21 56	21 48	7 40	16 12	6 35
M20	14 1	17 16	1 25	1 56	2 58	22 47	1 10	18 0	0 16	17 11	0 39	7 4	2 16	23 15	0 24	20 59	1 29	19 10	15 27	21 56	21 49	7 43	16 11	6 35
T 21	14 20	12 51	2 25	2 27	2 57	23 1	1 13	18 12	0 17	17 9	0 40	7 7	2 16	23 15	0 24	20 59	1 29	19 10	15 27	21 56	21 49	7 46	16 11	6 36
W22	14 38	8 1	3 17	2 59	2 56	23 14	1 15	18 24	0 17	17 7	0 40	7 9	2 16	23 15	0 24	20 59	1 29	19 10	15 28	21 56	21 50	7 49	16 10	6 36
T 23	14 57	2 57	4 1	3 33	2 54	23 27	1 18	18 36	0 18	17 5	0 40	7 12	2 16	23 15	0 24	20 59	1 29	19 10	15 28	21 57	21 50	7 52	16 10	6 37
F 24	15 15	2n10	4 33	4 8	2 52	23 40	1 20	18 47	0 18	17 4	0 40	7 15	2 16	23 15	0 24	20 59	1 29	19 9	15 28	21 58	21 51	7 54	16 9	6 37
S 25	15 33	7 12	4 54	4 44	2 49	23 51	1 22	18 58	0 19	17 2	0 41	7 17	2 16	23 15	0 24	20 59	1 29	19 9	15 28	21 59	21 51	7 57	16 9	6 38
S 26	15 50	11 59	5 2	5 21	2 45	24 2	1 25	19 9	0 20	17 1	0 41	7 20	2 16	23 15	0 24	20 58	1 29	19 9	15 29	22 1	21 52	8 0	16 9	6 38
M27	16 8	16 22	4 57	5 59	2 41	24 12	1 27	19 20	0 20	16 59	0 41	7 23	2 16	23 16	0 24	20 58	1 30	19 9	15 29	22 3	21 52	8 3	16 8	6 39
T 28	16 25	20 7	4 38	6 39	2 36	24 22	1 29	19 31	0 21	16 58	0 41	7 25	2 16	23 16	0 24	20 58	1 30	19 9	15 29	22 5	21 53	8 6	16 8	6 40
W29	16 42	23 3	4 7	7 19	2 31	24 31	1 31	19 41	0 21	16 56	0 41	7 28	2 16	23 16	0 24	20 58	1 30	19 9	15 30	22 6	21 53	8 9	16 7	6 40
T 30	16n58	24n57	3n24	8n 0	2s25	24n39	1n33	19n52	0n22	16s55	0s42	7n31	2s16	23s16	0s24	20s58	1n30	19s 9	15s30	22s 7	21s54	8n11	16s 7	6n41

Julian Day Number = 2203643.5, Delta T = 09m52s
Ecliptic obliquity = 23°31'43, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°16'25, Lahiri = 14°23'25 Julian Calendar 1 Apr. 1321 == Greg. Calendar 9 Apr. 1321

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ASTRODIENST EPHEMERIS for the year 1321
geocentric

MAY 1321 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	15 6 23	17♉56'51	19♊41	28♈ 9	20♊34	27♉27	15♒34	24♈53	13°R13	12°R57	17♓33	19°R15	20♑52	9♈ 5	14°R18	F 1
S 2	15 10 20	18°54'34	2♋20	29°52	21°46	28° 9	15°39	25° 1	13♑12	12♐56	17°34	19♑12	20°49	9°12	14♑17	S 2
S 3	15 14 16	19°52'16	15°12	1♉37	22°57	28°51	15°43	25° 8	13°10	12°54	17°35	19°D10	20°46	9°18	14°15	S 3
M 4	15 18 13	20°49'56	28°18	3°23	24° 8	29°32	15°48	25°15	13° 9	12°53	17°36	19°11	20°43	9°25	14°14	M 4
T 5	15 22 9	21°47'34	11♌41	5°12	25°20	0♊13	15°52	25°22	13° 8	12°52	17°37	19°11	20°40	9°32	14°12	T 5
W 6	15 26 6	22°45'11	25°23	7° 3	26°31	0°55	15°56	25°29	13° 7	12°50	17°37	19°R12	20°36	9°39	14°10	W 6
T 7	15 30 2	23°42'46	9♍26	8°57	27°42	1°36	16° 0	25°36	13° 6	12°49	17°38	19°11	20°33	9°45	14° 9	T 7
F 8	15 33 59	24°40'20	23°48	10°52	28°53	2°17	16° 4	25°44	13° 4	12°47	17°39	19° 7	20°30	9°52	14° 7	F 8
S 9	15 37 55	25°37'52	8♎27	12°49	0♋ 4	2°59	16° 8	25°51	13° 3	12°46	17°40	19° 2	20°27	9°59	14° 5	S 9
S 10	15 41 52	26°35'23	23°18	14°48	1°15	3°40	16°11	25°58	13° 2	12°44	17°40	18°56	20°24	10° 5	14° 3	S 10
M11	15 45 49	27°32'52	8♏13	16°50	2°26	4°21	16°15	26° 5	13° 0	12°42	17°41	18°48	20°21	10°12	14° 1	M11
T 12	15 49 45	28°30'21	23° 4	18°53	3°37	5° 2	16°18	26°12	12°59	12°41	17°42	18°40	20°17	10°19	13°59	T 12
W13	15 53 42	29°27'48	7♐43	20°58	4°47	5°43	16°21	26°18	12°57	12°39	17°42	18°34	20°14	10°26	13°57	W13
T 14	15 57 38	0♊25'14	22° 1	23° 4	5°58	6°24	16°24	26°25	12°56	12°38	17°43	18°29	20°11	10°32	13°55	T 14
F 15	16 1 35	1°22'40	5♑56	25°12	7° 9	7° 5	16°26	26°32	12°54	12°36	17°43	18°27	20° 8	10°39	13°52	F 15
S 16	16 5 31	2°20'04	19°24	27°21	8°19	7°46	16°29	26°39	12°53	12°35	17°44	18°D26	20° 5	10°46	13°50	S 16
S 17	16 9 28	3°17'28	2♒26	29°31	9°29	8°27	16°31	26°46	12°51	12°33	17°45	18°27	20° 2	10°53	13°48	S 17
M18	16 13 24	4°14'51	15° 6	1♊43	10°40	9° 8	16°33	26°52	12°49	12°31	17°45	18°28	19°58	10°59	13°45	M18
T 19	16 17 21	5°12'14	27°26	3°54	11°50	9°49	16°35	26°59	12°48	12°30	17°46	18°29	19°55	11° 6	13°43	T 19
W20	16 21 18	6° 9'36	9♓32	6° 6	13° 0	10°30	16°37	27° 6	12°46	12°28	17°46	18°R29	19°52	11°13	13°40	W20
T 21	16 25 14	7° 6'57	21°29	8°18	14°10	11°10	16°38	27°12	12°44	12°27	17°47	18°28	19°49	11°19	13°38	T 21
F 22	16 29 11	8° 4'17	3♈22	10°30	15°20	11°51	16°39	27°19	12°42	12°25	17°47	18°25	19°46	11°26	13°35	F 22
S 23	16 33 7	9° 1'38	15°14	12°41	16°30	12°32	16°40	27°25	12°40	12°23	17°47	18°21	19°42	11°33	13°32	S 23
S 24	16 37 4	9°58'57	27°10	14°52	17°40	13°12	16°41	27°31	12°38	12°22	17°48	18°15	19°39	11°40	13°29	S 24
M25	16 41 0	10°56'16	9♉12	17° 1	18°50	13°53	16°42	27°38	12°37	12°20	17°48	18° 8	19°36	11°46	13°27	M25
T 26	16 44 57	11°53'35	21°24	19°10	19°59	14°34	16°42	27°44	12°35	12°19	17°49	18° 2	19°33	11°53	13°24	T 26
W27	16 48 53	12°50'53	3♊46	21°16	21° 9	15°14	16°43	27°50	12°33	12°17	17°49	17°56	19°30	12° 0	13°21	W27
T 28	16 52 50	13°48'10	16°20	23°22	22°19	15°55	16°R43	27°57	12°31	12°15	17°49	17°51	19°27	12° 6	13°18	T 28
F 29	16 56 47	14°45'27	29° 6	25°25	23°28	16°35	16°43	28° 3	12°29	12°14	17°49	17°48	19°23	12°13	13°15	F 29
S 30	17 0 43	15°42'44	12♋ 4	27°27	24°37	17°15	16°43	28° 9	12°27	12°12	17°50	17°D47	19°20	12°20	13°12	S 30
S 31	17 4 40	16♊39'59	25♋15	29♊27	25♋46	17♊56	16♒42	28♈15	12♑25	12♐10	17♓50	17♑47	19♑17	12♈27	13♑ 9	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	17n15	25n38	2n30	8n42	2s19	24n47	1n35	20n 2	0n22	16s54	0s42	7n33	2s17	23s16	0s24	20s57	1n30	19s 9	15s30	22s 8	21s54	8n14	16s 7	6n41
S 2	17 31	24 59	1 29	9 24	2 12	24 53	1 37	20 12	0 23	16 53	0 42	7 36	2 17	23 16	0 24	20 57	1 30	19 9	15 31	22 9	21 55	8 17	16 6	6 42
S 3	17 46	23 1	0 21	10 7	2 5	25 0	1 39	20 22	0 24	16 51	0 42	7 38	2 17	23 16	0 24	20 57	1 30	19 9	15 31	22 9	21 55	8 20	16 6	6 42
M 4	18 2	19 47	0s49	10 51	1 57	25 5	1 41	20 31	0 24	16 50	0 43	7 41	2 17	23 16	0 24	20 57	1 30	19 9	15 31	22 9	21 56	8 23	16 5	6 43
T 5	18 17	15 28	1 57	11 36	1 49	25 10	1 43	20 41	0 25	16 49	0 43	7 43	2 17	23 17	0 24	20 57	1 30	19 9	15 32	22 9	21 56	8 26	16 5	6 43
W 6	18 32	10 16	3 1	12 20	1 40	25 14	1 45	20 50	0 25	16 48	0 43	7 46	2 17	23 17	0 24	20 56	1 30	19 9	15 32	22 9	21 56	8 28	16 5	6 44
T 7	18 46	4 25	3 56	13 5	1 31	25 17	1 47	20 59	0 26	16 47	0 43	7 49	2 17	23 17	0 24	20 56	1 30	19 9	15 32	22 9	21 57	8 31	16 5	6 44
F 8	19 0	1s46	4 37	13 51	1 22	25 20	1 48	21 8	0 26	16 46	0 44	7 51	2 17	23 17	0 24	20 56	1 30	19 9	15 33	22 10	21 57	8 34	16 4	6 45
S 9	19 14	7 58	5 1	14 36	1 12	25 22	1 50	21 16	0 27	16 46	0 44	7 53	2 17	23 17	0 24	20 56	1 30	19 9	15 33	22 10	21 58	8 37	16 4	6 45
S 10	19 28	13 48	5 5	15 21	1 2	25 23	1 51	21 25	0 27	16 45	0 44	7 56	2 17	23 17	0 24	20 56	1 30	19 9	15 33	22 11	21 58	8 40	16 4	6 45
M11	19 41	18 51	4 49	16 6	0 52	25 23	1 53	21 33	0 28	16 44	0 44	7 58	2 17	23 17	0 24	20 55	1 30	19 9	15 34	22 12	21 59	8 42	16 3	6 46
T 12	19 54	22 41	4 13	16 50	0 42	25 23	1 54	21 41	0 29	16 43	0 45	8 1	2 18	23 18	0 24	20 55	1 30	19 9	15 34	22 13	21 59	8 45	16 3	6 46
W13	20 7	24 59	3 21	17 34	0 31	25 22	1 55	21 49	0 29	16 43	0 45	8 3	2 18	23 18	0 24	20 55	1 30	19 9	15 34	22 14	22 0	8 48	16 3	6 47
T 14	20 19	25 34	2 17	18 17	0 20	25 20	1 57	21 57	0 30	16 42	0 45	8 6	2 18	23 18	0 24	20 55	1 30	19 9	15 35	22 15	22 0	8 51	16 3	6 47
F 15	20 31	24 31	1 7	18 59	0 9	25 18	1 58	22 4	0 30	16 41	0 45	8 8	2 18	23 18	0 24	20 55	1 30	19 9	15 35	22 15	22 1	8 54	16 3	6 48
S 16	20 42	22 2	0n 5	19 40	0n 1	25 15	1 59	22 11	0 31	16 41	0 46	8 10	2 18	23 18	0 24	20 54	1 30	19 9	15 35	22 15	22 1	8 56	16 2	6 48
S 17	20 54	18 28	1 15	20 19	0 12	25 11	2 0	22 19	0 31	16 41	0 46	8 13	2 18	23 19	0 24	20 54	1 30	19 9	15 36	22 15	22 2	8 59	16 2	6 49
M18	21 4	14 9	2 19	20 57	0 22	25 6	2 1	22 25	0 32	16 40	0 46	8 15	2 18	23 19	0 24	20 54	1 30	19 9	15 36	22 15	22 2	9 2	16 2	6 49
T 19	21 15	9 21	3 15	21 32	0 32	25 1	2 2	22 32	0 32	16 40	0 46	8 17	2 18	23 19	0 24	20 54	1 30	19 10	15 36	22 15	22 3	9 5	16 2	6 49
W20	21 25	4 18	4 1	22 6	0 42	24 55	2 2	22 39	0 33	16 40	0 47	8 19	2 19	23 19	0 24	20 54	1 30	19 10	15 37	22 15	22 3	9 8	16 2	6 50
T 21	21 35	0n51	4 36	22 38	0 52	24 49	2 3	22 45	0 33	16 39	0 47	8 22	2 19	23 19	0 24	20 53	1 30	19 10	15 37	22 15	22 4	9 10	16 2	6 50
F 22	21 44	5 55	4 59	23 7	1 1	24 41	2 4	22 51	0 34	16 39	0 47	8 24	2 19	23 19	0 24	20 53	1 30	19 10	15 38	22 15	22 4	9 13	16 1	6 51
S 23	21 53	10 46	5 9	23 33	1 9	24 33	2 4	22 57	0 34	16 39	0 48	8 26	2 19	23 20	0 24	20 53	1 30	19 10	15 38	22 16	22 4	9 16	16 1	6 51
S 24	22 2	15 15	5 6	23 57	1 17	24 25	2 5	23 3	0 35	16 39	0 48	8 28	2 19	23 20	0 24	20 53	1 30	19 10	15 38	22 17	22 5	9 19	16 1	6 51
M25	22 10	19 11	4 49	24 18	1 25	24 16	2 5	23 8	0 35	16 39	0 48	8 30	2 19	23 20	0 25	20 52	1 30	19 11	15 39	22 18	22 5	9 21	16 1	6 52
T 26	22 18	22 21	4 19	24 36	1 31	24 6	2 5	23 13	0 36	16 39	0 48	8 32	2 19	23 20	0 25	20 52	1 30	19 11	15 39	22 19	22 6	9 24	16 1	6 52
W27	22 25	24 32	3 37	24 52	1 38	23 55	2 5	23 18	0 36	16 39	0 49	8 34	2 20	23 20	0 25	20 52	1 30	19 11	15 39	22 19	22 6	9 27	16 1	6 52
T 28	22 33	25 32	2 43	25 4	1 43	23 44	2 5	23 23	0 37	16 40	0 49	8 36	2 20	23 21	0 25	20 52	1 30	19 11	15 40	22 20	22 7	9 30	16 1	6 53
F 29	22 39	25 12	1 40	25 14	1 47	23 32	2 5	23 28	0 37	16 40	0 49	8 38	2 20	23 21	0 25	20 52	1 30	19 11	15 40	22 20	22 7	9 32	16 1	6 53
S 30	22 46	23 30	0 31	25 22	1 51	23 20	2 5	23 32	0 38	16 40	0 49	8 40	2 20	23 21	0 25	20 51	1 30	19 12	15 40	22 20	22 8	9 35	16 1	6 53
S 31	22n51	20n30	0s41	25n26	1n54	23n 7	2n 5	23n37	0n38	16s41	0s50	8n42	2s20	23s21	0s25	20s51	1n30	19s12	15s41	22s20	22s 8	9n38	16s 1	6n54

Julian Day Number = 2203673.5, Delta T = 09m52s
Ecliptic obliquity = 23°31'42, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°16'29, Lahiri = 14°23'29 Julian Calendar 1 May 1321 == Greg. Calendar 9 May 1321

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ASTRODIENST EPHEMERIS for the year 1321
geocentric

JUNE 1321 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	17 8 36	17♊37'14	8♌39	1♋24	26♋56	18♊36	16°R42	28♈21	12°R22	12°R 9	17♓50	17♉48	19♉14	12♈33	13°R 6	M 1
T 2	17 12 33	18°34'28	22°16	3°20	28° 5	19°16	16♒41	28°27	12♉20	12♐ 7	17°50	17°50	19°11	12°40	13♉ 2	T 2
W 3	17 16 29	19°31'42	6♍ 5	5°13	29°13	19°57	16°40	28°32	12°18	12° 6	17°51	17°51	19° 8	12°47	12°59	W 3
T 4	17 20 26	20°28'54	20° 7	7° 4	0♌22	20°37	16°38	28°38	12°16	12° 4	17°51	17°R51	19° 4	12°54	12°56	T 4
F 5	17 24 22	21°26'06	4♎20	8°53	1°31	21°17	16°37	28°44	12°14	12° 2	17°51	17°51	19° 1	13° 0	12°53	F 5
S 6	17 28 19	22°23'18	18°43	10°40	2°39	21°57	16°35	28°49	12°12	12° 1	17°51	17°49	18°58	13° 7	12°49	S 6
S 7	17 32 16	23°20'29	3♏11	12°24	3°48	22°37	16°34	28°55	12° 9	11°59	17°51	17°47	18°55	13°14	12°46	S 7
M 8	17 36 12	24°17'39	17°41	14° 7	4°56	23°17	16°32	29° 1	12° 7	11°58	17°51	17°44	18°52	13°20	12°43	M 8
T 9	17 40 9	25°14'49	2♐ 6	15°47	6° 4	23°57	16°30	29° 6	12° 5	11°56	17°51	17°40	18°48	13°27	12°39	T 9
W10	17 44 5	26°11'59	16°21	17°24	7°12	24°37	16°27	29°11	12° 3	11°55	17°R51	17°38	18°45	13°34	12°36	W10
T 11	17 48 2	27° 9'08	0♑21	19° 0	8°20	25°17	16°25	29°17	12° 0	11°53	17°51	17°36	18°42	13°41	12°32	T 11
F 12	17 51 58	28° 6'17	14° 2	20°33	9°28	25°57	16°22	29°22	11°58	11°51	17°51	17°D35	18°39	13°47	12°29	F 12
S 13	17 55 55	29° 3'27	27°23	22° 3	10°36	26°37	16°19	29°27	11°56	11°50	17°51	17°36	18°36	13°54	12°25	S 13
S 14	17 59 52	0♋ 0'36	10♒22	23°32	11°43	27°17	16°16	29°32	11°53	11°48	17°51	17°37	18°33	14° 1	12°22	S 14
M15	18 3 48	0°57'45	23° 2	24°58	12°51	27°57	16°13	29°37	11°51	11°47	17°51	17°38	18°29	14° 8	12°18	M15
T 16	18 7 45	1°54'55	5♓24	26°22	13°58	28°36	16° 9	29°42	11°49	11°45	17°51	17°39	18°26	14°14	12°15	T 16
W17	18 11 41	2°52'05	17°32	27°43	15° 5	29°16	16° 6	29°47	11°46	11°44	17°51	17°40	18°23	14°21	12°11	W17
T 18	18 15 38	3°49'15	29°31	29° 2	16°12	29°56	16° 2	29°52	11°44	11°42	17°50	17°R41	18°20	14°28	12° 8	T 18
F 19	18 19 34	4°46'25	11♈25	0♌18	17°19	0♋36	15°58	29°56	11°41	11°41	17°50	17°41	18°17	14°34	12° 4	F 19
S 20	18 23 31	5°43'36	23°19	1°32	18°25	1°15	15°54	0♉ 1	11°39	11°40	17°50	17°40	18°14	14°41	12° 0	S 20
S 21	18 27 27	6°40'47	5♉17	2°43	19°32	1°55	15°49	0° 5	11°37	11°38	17°50	17°39	18°10	14°48	11°57	S 21
M22	18 31 24	7°37'59	17°23	3°52	20°38	2°34	15°45	0°10	11°34	11°37	17°49	17°38	18° 7	14°55	11°53	M22
T 23	18 35 20	8°35'11	29°40	4°57	21°44	3°14	15°40	0°14	11°32	11°35	17°49	17°36	18° 4	15° 1	11°49	T 23
W24	18 39 17	9°32'24	12♊12	6° 0	22°50	3°53	15°36	0°19	11°29	11°34	17°49	17°35	18° 1	15° 8	11°46	W24
T 25	18 43 14	10°29'37	24°59	7° 0	23°56	4°33	15°31	0°23	11°27	11°32	17°49	17°35	17°58	15°15	11°42	T 25
F 26	18 47 10	11°26'51	8♋ 4	7°57	25° 2	5°12	15°25	0°27	11°25	11°31	17°48	17°34	17°54	15°21	11°38	F 26
S 27	18 51 7	12°24'05	21°24	8°51	26° 7	5°52	15°20	0°31	11°22	11°30	17°48	17°D34	17°51	15°28	11°35	S 27
S 28	18 55 3	13°21'19	5♌ 0	9°42	27°13	6°31	15°15	0°35	11°20	11°28	17°47	17°34	17°48	15°35	11°31	S 28
M29	18 59 0	14°18'33	18°49	10°29	28°18	7°11	15° 9	0°39	11°17	11°27	17°47	17°35	17°45	15°42	11°27	M29
T 30	19 2 56	15♋15'48	2♍48	11♌12	29♌23	7♋50	15♒ 3	0♉43	11♉15	11♐26	17♓47	17♉35	17♉42	15♈48	11♉24	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
M 1	22n57	16n22	1s52	25n28	1n57	22n53	2n 4	23n41	0n39	16s41	0s50	8n44	2s20	23s22	0s25	20s51	1n30	19s12	15s41	22s20	22s 9	9n41	16s 1	6n54	
T 2	23 2	11 21	2 58	25 28	1 59	22 39	2 4	23 45	0 39	16 42	0 50	8 46	2 20	23 22	0 25	20 51	1 30	19 12	15 42	22 20	22 9	9 43	16 1	6 54	
W 3	23 7	5 41	3 54	25 25	2 0	22 24	2 3	23 48	0 40	16 42	0 50	8 48	2 21	23 22	0 25	20 51	1 30	19 13	15 42	22 20	22 9	9 46	16 1	6 55	
T 4	23 11	0s20	4 38	25 20	2 0	22 8	2 3	23 52	0 40	16 43	0 51	8 50	2 21	23 22	0 25	20 50	1 30	19 13	15 42	22 20	22 10	9 49	16 1	6 55	
F 5	23 15	6 23	5 5	25 13	1 59	21 53	2 2	23 55	0 41	16 43	0 51	8 52	2 21	23 22	0 25	20 50	1 30	19 13	15 43	22 20	22 10	9 52	16 1	6 55	
S 6	23 19	12 11	5 13	25 4	1 58	21 36	2 1	23 58	0 41	16 44	0 51	8 54	2 21	23 23	0 25	20 50	1 30	19 13	15 43	22 20	22 11	9 54	16 1	6 55	
S 7	23 22	17 21	5 2	24 53	1 56	21 19	2 0	24 1	0 42	16 45	0 52	8 56	2 21	23 23	0 25	20 50	1 30	19 14	15 43	22 21	22 11	9 57	16 1	6 56	
M 8	23 24	21 31	4 32	24 40	1 54	21 1	1 59	24 3	0 42	16 46	0 52	8 57	2 22	23 23	0 25	20 50	1 30	19 14	15 44	22 21	22 12	10 0	16 1	6 56	
T 9	23 27	24 19	3 44	24 25	1 51	20 43	1 58	24 6	0 42	16 47	0 52	8 59	2 22	23 23	0 25	20 50	1 30	19 14	15 44	22 21	22 12	10 3	16 1	6 56	
W10	23 28	25 32	2 43	24 9	1 47	20 25	1 56	24 8	0 43	16 48	0 52	9 1	2 22	23 23	0 25	20 49	1 29	19 15	15 45	22 22	22 13	10 5	16 1	6 56	
T 11	23 30	25 5	1 34	23 52	1 42	20 6	1 55	24 10	0 43	16 49	0 53	9 3	2 22	23 24	0 25	20 49	1 29	19 15	15 45	22 22	22 13	10 8	16 1	6 56	
F 12	23 31	23 7	0 20	23 33	1 37	19 46	1 53	24 12	0 44	16 50	0 53	9 4	2 22	23 24	0 25	20 49	1 29	19 15	15 45	22 22	22 13	10 11	16 2	6 57	
S 13	23 31	19 53	0n54	23 13	1 32	19 26	1 52	24 13	0 44	16 51	0 53	9 6	2 22	23 24	0 25	20 49	1 29	19 16	15 46	22 22	22 14	10 13	16 2	6 57	
S 14	23 32	15 45	2 2	22 52	1 26	19 6	1 50	24 15	0 45	16 52	0 53	9 7	2 23	23 24	0 25	20 49	1 29	19 16	15 46	22 22	22 14	10 16	16 2	6 57	
M15	23 31	11 0	3 3	22 31	1 19	18 45	1 48	24 16	0 45	16 53	0 54	9 9	2 23	23 25	0 25	20 48	1 29	19 17	15 46	22 22	22 15	10 19	16 2	6 57	
T 16	23 31	5 56	3 54	22 8	1 12	18 24	1 46	24 17	0 46	16 55	0 54	9 11	2 23	23 25	0 25	20 48	1 29	19 17	15 47	22 22	22 15	10 21	16 2	6 57	
W17	23 30	0 45	4 33	21 44	1 4	18 2	1 44	24 18	0 46	16 56	0 54	9 12	2 23	23 25	0 25	20 48	1 29	19 17	15 47	22 21	22 16	10 24	16 2	6 57	
T 18	23 28	4n24	5 0	21 20	0 55	17 40	1 42	24 18	0 47	16 57	0 54	9 14	2 24	23 25	0 25	20 48	1 29	19 18	15 48	22 21	22 16	10 27	16 2	6 58	
F 19	23 27	9 21	5 14	20 55	0 47	17 17	1 40	24 19	0 47	16 59	0 55	9 15	2 24	23 25	0 25	20 48	1 29	19 18	15 48	22 21	22 17	10 30	16 3	6 58	
S 20	23 24	13 57	5 14	20 30	0 37	16 54	1 37	24 19	0 47	17 0	0 55	9 16	2 24	23 26	0 25	20 48	1 29	19 19	15 48	22 21	22 17	10 32	16 3	6 58	
S 21	23 22	18 3	5 1	20 4	0 28	16 31	1 35	24 19	0 48	17 2	0 55	9 18	2 24	23 26	0 25	20 47	1 29	19 19	15 49	22 22	22 17	10 35	16 3	6 58	
M22	23 18	21 28	4 35	19 39	0 17	16 7	1 32	24 18	0 48	17 3	0 55	9 19	2 24	23 26	0 25	20 47	1 29	19 19	15 49	22 22	22 18	10 38	16 3	6 58	
T 23	23 15	23 59	3 55	19 13	0 7	15 43	1 29	24 18	0 49	17 5	0 56	9 20	2 25	23 26	0 25	20 47	1 29	19 20	15 49	22 22	22 18	10 40	16 4	6 58	
W24	23 11	25 22	3 4	18 46	0s 4	15 19	1 26	24 17	0 49	17 7	0 56	9 22	2 25	23 27	0 25	20 47	1 29	19 20	15 50	22 22	22 19	10 43	16 4	6 58	
T 25	23 7	25 28	2 2	18 20	0 16	14 54	1 23	24 16	0 49	17 8	0 56	9 23	2 25	23 27	0 25	20 47	1 29	19 21	15 50	22 22	22 19	10 46	16 4	6 58	
F 26	23 2	24 9	0 52	17 54	0 27	14 29	1 20	24 15	0 50	17 10	0 56	9 24	2 25	23 27	0 25	20 47	1 29	19 21	15 50	22 22	22 19	10 48	16 4	6 58	
S 27	22 57	21 28	0s21	17 29	0 39	14 4	1 17	24 14	0 50	17 12	0 57	9 25	2 25	23 27	0 25	20 46	1 29	19 22	15 51	22 22	22 20	10 51	16 5	6 58	
S 28	22 51	17 33	1 35	17 3	0 52	13 38	1 14	24 13	0 51	17 14	0 57	9 27	2 26	23 27	0 25	20 46	1 29	19 22	15 51	22 22	22 20	10 54	16 5	6 58	
M29	22 45	12 38	2 45	16 39	1 4	13 12	1 10	24 11	0 51	17 16	0 57	9 28	2 26	23 28	0 25	20 46	1 29	19 23	15 51	22 22	22 21	10 56	16 5	6 58	
T 30	22n39	7n 1	3s45	16n14	1s17	12n46	1n 7	24n 9	0n52	17s17	0s57	9n29	2s26	23s28	0s25	20s46	1n29	19s23	15s52	22s22	22s21	10n59	16s 5	6n58	

Julian Day Number = 2203704.5, Delta T = 09m51s
Ecliptic obliquity = 23°31'41, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°16'33, Lahiri = 14°23'33 Julian Calendar 1 June 1321 == Greg. Calendar 9 June 1321

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geocentric

JULY 1321 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	19 6 53	16♋13'03	16♍56	11♌52	0♍27	8♋29	14°R58	0♉46	11°R13	11°R25	17°R46	17♏35	17♏39	15♈55	11°R20	W 1
T 2	19 10 50	17°10'18	1♎ 8	12°28	1°32	9° 8	14♒52	0°50	11♏10	11♐23	17♓46	17°35	17°35	16° 2	11♏17	T 2
F 3	19 14 46	18° 7'33	15°23	13° 0	2°36	9°48	14°46	0°53	11° 8	11°22	17°45	17°35	17°32	16° 9	11°13	F 3
S 4	19 18 43	19° 4'49	29°37	13°28	3°40	10°27	14°39	0°57	11° 5	11°21	17°45	17°35	17°29	16°15	11° 9	S 4
S 5	19 22 39	20° 2'05	13♏49	13°52	4°44	11° 6	14°33	1° 0	11° 3	11°20	17°44	17°35	17°26	16°22	11° 6	S 5
M 6	19 26 36	20°59'21	27°54	14°11	5°48	11°45	14°26	1° 3	11° 1	11°19	17°44	17°36	17°23	16°29	11° 2	M 6
T 7	19 30 32	21°56'38	11♐52	14°25	6°51	12°24	14°20	1° 7	10°58	11°17	17°43	17°36	17°20	16°35	10°59	T 7
W 8	19 34 29	22°53'55	25°39	14°35	7°54	13° 3	14°13	1°10	10°56	11°16	17°42	17°36	17°16	16°42	10°55	W 8
T 9	19 38 25	23°51'13	9♑14	14°R40	8°57	13°42	14° 6	1°13	10°54	11°15	17°42	17°37	17°13	16°49	10°52	T 9
F 10	19 42 22	24°48'32	22°34	14°39	10° 0	14°21	13°59	1°16	10°51	11°14	17°41	17°R37	17°10	16°56	10°48	F 10
S 11	19 46 19	25°45'51	5♒39	14°34	11° 2	15° 0	13°52	1°18	10°49	11°13	17°41	17°36	17° 7	17° 2	10°45	S 11
S 12	19 50 15	26°43'11	18°28	14°24	12° 4	15°39	13°45	1°21	10°47	11°12	17°40	17°36	17° 4	17° 9	10°41	S 12
M13	19 54 12	27°40'32	1♓ 1	14° 8	13° 6	16°18	13°38	1°24	10°44	11°11	17°39	17°34	17° 0	17°16	10°38	M13
T 14	19 58 8	28°37'54	13°21	13°47	14° 7	16°57	13°31	1°26	10°42	11°10	17°39	17°33	16°57	17°23	10°34	T 14
W15	20 2 5	29°35'17	25°28	13°22	15° 8	17°36	13°24	1°28	10°40	11° 9	17°38	17°31	16°54	17°29	10°31	W15
T 16	20 6 1	0♌32'42	7♈27	12°52	16° 9	18°15	13°16	1°31	10°38	11° 8	17°37	17°30	16°51	17°36	10°28	T 16
F 17	20 9 58	1°30'07	19°21	12°17	17°10	18°54	13° 9	1°33	10°36	11° 7	17°36	17°29	16°48	17°43	10°24	F 17
S 18	20 13 54	2°27'34	1♉15	11°39	18°10	19°33	13° 1	1°35	10°33	11° 7	17°35	17°D29	16°45	17°49	10°21	S 18
S 19	20 17 51	3°25'02	13°12	10°57	19°10	20°11	12°53	1°37	10°31	11° 6	17°35	17°29	16°41	17°56	10°18	S 19
M20	20 21 48	4°22'32	25°18	10°13	20°10	20°50	12°46	1°39	10°29	11° 5	17°34	17°30	16°38	18° 3	10°15	M20
T 21	20 25 44	5°20'02	7♊37	9°26	21° 9	21°29	12°38	1°41	10°27	11° 4	17°33	17°31	16°35	18°10	10°12	T 21
W22	20 29 41	6°17'35	20°13	8°38	22° 8	22° 8	12°30	1°42	10°25	11° 3	17°32	17°32	16°32	18°16	10° 9	W22
T 23	20 33 37	7°15'08	3♋ 9	7°50	23° 6	22°46	12°23	1°44	10°23	11° 3	17°31	17°34	16°29	18°23	10° 5	T 23
F 24	20 37 34	8°12'43	16°27	7° 2	24° 4	23°25	12°15	1°45	10°21	11° 2	17°30	17°R34	16°26	18°30	10° 2	F 24
S 25	20 41 30	9°10'19	0♌ 7	6°16	25° 2	24° 3	12° 7	1°47	10°19	11° 1	17°30	17°34	16°22	18°37	10° 0	S 25
S 26	20 45 27	10° 7'57	14° 6	5°32	25°59	24°42	11°59	1°48	10°17	11° 1	17°29	17°32	16°19	18°43	9°57	S 26
M27	20 49 23	11° 5'35	28°22	4°51	26°56	25°21	11°51	1°49	10°15	11° 0	17°28	17°30	16°16	18°50	9°54	M27
T 28	20 53 20	12° 3'15	12♍50	4°14	27°52	25°59	11°43	1°50	10°13	10°59	17°27	17°26	16°13	18°57	9°51	T 28
W29	20 57 17	13° 0'56	27°23	3°43	28°48	26°38	11°36	1°51	10°11	10°59	17°26	17°23	16°10	19° 3	9°48	W29
T 30	21 1 13	13°58'38	11♎55	3°16	29°43	27°16	11°28	1°52	10° 9	10°58	17°25	17°20	16° 6	19°10	9°45	T 30
F 31	21 5 10	14♌56'21	26♎21	2♌56	0♎38	27♋55	11♒20	1♉53	10♑ 7	10♐58	17♓24	17♏18	16♑ 3	19♈17	9♑43	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
W 1	22n32	1n 0	4s33	15n51	1s31	12n20	1n 3	24n 7	0n52	17s19	0s57	9n30	2s26	23s28	0s25	20s46	1n29	19s24	15s52	22s22	22s22	11n 2	16s 6	6n58	W 1
T 2	22 25	5s 6	5 4	15 28	1 44	11 53	0 59	24 5	0 52	17 21	0 58	9 31	2 27	23 28	0 25	20 46	1 29	19 24	15 53	22 22	22 22	11 4	16 6	6 58	T 2
F 3	22 18	10 56	5 17	15 6	1 57	11 27	0 55	24 3	0 53	17 23	0 58	9 32	2 27	23 28	0 25	20 46	1 29	19 25	15 53	22 22	22 22	11 7	16 6	6 58	F 3
S 4	22 10	16 12	5 10	14 45	2 11	11 0	0 51	24 0	0 53	17 25	0 58	9 33	2 27	23 29	0 25	20 46	1 29	19 25	15 53	22 22	22 23	11 9	16 7	6 58	S 4
S 5	22 2	20 33	4 44	14 25	2 25	10 32	0 47	23 57	0 54	17 27	0 58	9 34	2 27	23 29	0 25	20 45	1 29	19 26	15 53	22 22	22 23	11 12	16 7	6 58	S 5
M 6	21 53	23 41	4 2	14 7	2 38	10 5	0 43	23 54	0 54	17 30	0 59	9 35	2 28	23 29	0 25	20 45	1 29	19 26	15 54	22 22	22 24	11 15	16 7	6 58	M 6
T 7	21 44	25 21	3 5	13 49	2 52	9 37	0 38	23 51	0 54	17 32	0 59	9 36	2 28	23 29	0 25	20 45	1 29	19 27	15 54	22 22	22 24	11 17	16 8	6 58	T 7
W 8	21 35	25 26	1 59	13 34	3 5	9 10	0 34	23 48	0 55	17 34	0 59	9 36	2 28	23 30	0 25	20 45	1 29	19 27	15 54	22 22	22 24	11 20	16 8	6 58	W 8
T 9	21 25	23 58	0 46	13 20	3 18	8 42	0 29	23 44	0 55	17 36	0 59	9 37	2 28	23 30	0 25	20 45	1 29	19 28	15 55	22 22	22 25	11 23	16 8	6 58	T 9
F 10	21 15	21 11	0n27	13 8	3 31	8 14	0 25	23 40	0 55	17 38	0 59	9 38	2 29	23 30	0 25	20 45	1 29	19 28	15 55	22 22	22 25	11 25	16 9	6 58	F 10
S 11	21 4	17 20	1 38	12 58	3 43	7 45	0 20	23 36	0 56	17 40	1 0	9 39	2 29	23 30	0 25	20 45	1 29	19 29	15 55	22 22	22 26	11 28	16 9	6 58	S 11
S 12	20 53	12 46	2 43	12 50	3 55	7 17	0 15	23 32	0 56	17 43	1 0	9 39	2 29	23 30	0 25	20 45	1 28	19 29	15 56	22 22	22 26	11 30	16 10	6 57	S 12
M13	20 42	7 46	3 38	12 44	4 6	6 49	0 10	23 28	0 57	17 45	1 0	9 40	2 29	23 30	0 25	20 45	1 28	19 30	15 56	22 22	22 26	11 33	16 10	6 57	M13
T 14	20 31	2 33	4 21	12 40	4 16	6 20	0 4	23 23	0 57	17 47	1 0	9 41	2 30	23 31	0 25	20 44	1 28	19 30	15 56	22 22	22 27	11 36	16 10	6 57	T 14
W15	20 19	2n40	4 53	12 38	4 25	5 52	0s 1	23 19	0 57	17 50	1 0	9 41	2 30	23 31	0 25	20 44	1 28	19 31	15 57	22 23	22 27	11 38	16 11	6 57	W15
T 16	20 7	7 43	5 11	12 39	4 33	5 23	0 6	23 14	0 58	17 52	1 0	9 42	2 30	23 31	0 25	20 44	1 28	19 32	15 57	22 23	22 28	11 41	16 11	6 57	T 16
F 17	19 54	12 28	5 16	12 42	4 40	4 54	0 12	23 9	0 58	17 54	1 1	9 42	2 30	23 31	0 25	20 44	1 28	19 32	15 57	22 23	22 28	11 43	16 12	6 57	F 17
S 18	19 41	16 44	5 7	12 47	4 45	4 26	0 17	23 4	0 58	17 56	1 1	9 43	2 31	23 31	0 25	20 44	1 28	19 33	15 57	22 23	22 28	11 46	16 12	6 57	S 18
S 19	19 28	20 23	4 45	12 55	4 49	3 57	0 23	22 58	0 59	17 59	1 1	9 43	2 31	23 32	0 25	20 44	1 28	19 33	15 58	22 23	22 29	11 49	16 12	6 56	S 19
M20	19 14	23 12	4 10	13 5	4 51	3 28	0 29	22 53	0 59	18 1	1 1	9 44	2 31	23 32	0 25	20 44	1 28	19 34	15 58	22 23	22 29	11 51	16 13	6 56	M20
T 21	19 0	25 0	3 23	13 17	4 51	2 59	0 35	22 47	1 0	18 3	1 1	9 44	2 31	23 32	0 25	20 44	1 28	19 34	15 58	22 23	22 30	11 54	16 13	6 56	T 21
W22	18 46	25 35	2 25	13 31	4 49	2 30	0 41	22 41	1 0	18 6	1 1	9 44	2 32	23 32	0 25	20 44	1 28	19 35	15 59	22 22	22 30	11 56	16 14	6 56	W22
T 23	18 32	24 48	1 19	13 46	4 46	2 2	0 47	22 35	1 0	18 8	1 2	9 45	2 32	23 32	0 25	20 44	1 28	19 36	15 59	22 22	22 30	11 59	16 14	6 55	T 23
F 24	18 17	22 37	0 6	14 3	4 41	1 33	0 53	22 29	1 1	18 10	1 2	9 45	2 32	23 32	0 25	20 44	1 28	19 36	15 59	22 22	22 31	12 1	16 15	6 55	F 24
S 25	18 2	19 5	1s 8	14 21	4 34	1 4	1 0	22 23	1 1	18 13	1 2	9 45	2 32	23 33	0 25	20 44	1 28	19 37	15 59	22 22	22 31	12 4	16 15	6 55	S 25
S 26	17 46	14 25	2 21	14 40	4 25	0 35	1 6	22 16	1 1	18 15	1 2	9 45	2 33	23 33	0 25	20 44	1 28	19 37	16 0	22 22	22 32	12 7	16 16	6 55	S 26
M27	17 31	8 52	3 26	15 0	4 14	0 7	1 13	22 9	1 2	18 17	1 2	9 46	2 33	23 33	0 25	20 44	1 28	19 38	16 0	22 23	22 32	12 9	16 16	6 54	M27
T 28	17 15	2 48	4 18	15 21	4 2	0s22	1 20	22 3	1 2	18 20	1 2	9 46	2 33	23 33	0 25	20 44	1 28	19 38	16 0	22 23	22 32	12 12	16 17	6 54	T 28
W29	16 58	3s27	4 54	15 41	3 49	0 50	1 26	21 56	1 2	18 22	1 2	9 46	2 33	23 33	0 25	20 44	1 28	19 39	16 0	22 24	22 33	12 14	16 17	6 54	W29
T 30	16 42	9 30	5 12	16 1	3 35	1 19	1 33	21 48	1 3	18 24	1 2	9 46	2 34	23 33	0 25	20 44	1 28	19 40	16 0	22 24	22 33	12 17	16 18	6 54	T 30
F 31	16n25	15s 0	5s 9	16n21	3s19	1s47	1s40	21n41	1n 3	18s27	1s 3	9n46	2s34	23s33	0s25	20s44	1n28	19s40	16s 1	22s24	22s34	12n19	16s18	6n53	F 31

Julian Day Number = 2203734.5, Delta T = 09m51s
Ecliptic obliquity = 23°31'41, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°16'37, Lahiri = 14°23'38 Julian Calendar 1 July 1321 == Greg. Calendar 9 July 1321

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ASTRODIENST EPHEMERIS for the year 1321
geocentric

AUGUST 1321 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	21 9 6	15♌54'05	10♏38	2°R42	1♎33	28♋33	11°R12	1♉53	10°R 5	10°R57	17°R23	17°D16	16♑ 0	19♈24	9°R40	S 1
S 2	21 13 3	16°51'50	24°42	2°D36	2°27	29°12	11♒ 4	1°54	10♑ 4	10♐57	17♓22	17♑17	15°57	19°30	9♑38	S 2
M 3	21 16 59	17°49'37	8♐33	2♌37	3°20	29°50	10°57	1°54	10° 2	10°56	17°21	17°18	15°54	19°37	9°35	M 3
T 4	21 20 56	18°47'24	22° 9	2°46	4°13	0♌28	10°49	1°55	10° 0	10°56	17°20	17°19	15°51	19°44	9°33	T 4
W 5	21 24 52	19°45'13	5♑32	3° 2	5° 5	1° 7	10°41	1°55	9°58	10°56	17°19	17°20	15°47	19°50	9°30	W 5
T 6	21 28 49	20°43'04	18°42	3°26	5°56	1°45	10°34	1°R55	9°57	10°55	17°18	17°R21	15°44	19°57	9°28	T 6
F 7	21 32 46	21°40'55	1♒40	3°58	6°47	2°23	10°26	1°55	9°55	10°55	17°17	17°20	15°41	20° 4	9°26	F 7
S 8	21 36 42	22°38'48	14°25	4°38	7°37	3° 2	10°18	1°55	9°54	10°55	17°16	17°17	15°38	20°11	9°23	S 8
S 9	21 40 39	23°36'42	26°59	5°25	8°26	3°40	10°11	1°55	9°52	10°55	17°15	17°13	15°35	20°17	9°21	S 9
M10	21 44 35	24°34'38	9♓22	6°19	9°15	4°18	10° 4	1°54	9°51	10°55	17°13	17° 7	15°31	20°24	9°19	M10
T 11	21 48 32	25°32'36	21°34	7°21	10° 3	4°56	9°56	1°54	9°49	10°54	17°12	17° 1	15°28	20°31	9°17	T 11
W12	21 52 28	26°30'35	3♈38	8°29	10°50	5°34	9°49	1°53	9°48	10°54	17°11	16°53	15°25	20°38	9°15	W12
T 13	21 56 25	27°28'36	15°34	9°43	11°37	6°13	9°42	1°53	9°46	10°54	17°10	16°47	15°22	20°44	9°13	T 13
F 14	22 0 21	28°26'39	27°27	11° 3	12°22	6°51	9°35	1°52	9°45	10°54	17° 9	16°41	15°19	20°51	9°11	F 14
S 15	22 4 18	29°24'44	9♉19	12°29	13° 7	7°29	9°28	1°51	9°44	10°D54	17° 8	16°37	15°16	20°58	9°10	S 15
S 16	22 8 15	0♍22'51	21°14	14° 0	13°51	8° 7	9°21	1°50	9°42	10°54	17° 7	16°35	15°12	21° 4	9° 8	S 16
M17	22 12 11	1°21'00	3♊18	15°35	14°33	8°45	9°14	1°49	9°41	10°54	17° 6	16°D35	15° 9	21°11	9° 6	M17
T 18	22 16 8	2°19'11	15°34	17°14	15°15	9°23	9° 8	1°48	9°40	10°54	17° 4	16°35	15° 6	21°18	9° 5	T 18
W19	22 20 4	3°17'25	28° 9	18°56	15°56	10° 1	9° 1	1°46	9°39	10°54	17° 3	16°37	15° 3	21°25	9° 3	W19
T 20	22 24 1	4°15'40	11♋ 5	20°41	16°36	10°39	8°55	1°45	9°38	10°54	17° 2	16°R38	15° 0	21°31	9° 2	T 20
F 21	22 27 57	5°13'57	24°28	22°29	17°15	11°17	8°48	1°44	9°37	10°55	17° 1	16°37	14°57	21°38	9° 1	F 21
S 22	22 31 54	6°12'16	8♌17	24°19	17°52	11°55	8°42	1°42	9°36	10°55	17° 0	16°36	14°53	21°45	8°59	S 22
S 23	22 35 50	7°10'37	22°32	26°10	18°29	12°33	8°36	1°40	9°35	10°55	16°59	16°31	14°50	21°52	8°58	S 23
M24	22 39 47	8° 9'00	7♍ 9	28° 2	19° 4	13°11	8°30	1°38	9°34	10°55	16°57	16°25	14°47	21°58	8°57	M24
T 25	22 43 44	9° 7'25	22° 1	29°55	19°38	13°49	8°25	1°37	9°33	10°56	16°56	16°17	14°44	22° 5	8°56	T 25
W26	22 47 40	10° 5'52	7♎ 0	1♍49	20°10	14°27	8°19	1°35	9°32	10°56	16°55	16° 9	14°41	22°12	8°55	W26
T 27	22 51 37	11° 4'20	21°57	3°43	20°42	15° 5	8°14	1°33	9°32	10°56	16°54	16° 1	14°37	22°18	8°54	T 27
F 28	22 55 33	12° 2'50	6♏43	5°37	21°11	15°43	8° 8	1°30	9°31	10°57	16°53	15°55	14°34	22°25	8°53	F 28
S 29	22 59 30	13° 1'22	21°11	7°30	21°40	16°21	8° 3	1°28	9°30	10°57	16°51	15°51	14°31	22°32	8°52	S 29
S 30	23 3 26	13°59'55	5♐19	9°24	22° 6	16°58	7°58	1°26	9°30	10°58	16°50	15°49	14°28	22°39	8°52	S 30
M31	23 7 23	14♍58'31	19♐ 5	11♍16	22♎31	17♌36	7♒53	1♉23	9♑29	10♐58	16♓49	15°D49	14♑25	22♈45	8♑51	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	16n 8	19s37	4s48	16n40	3s 3	2s15	1s47	21n34	1n 3	18s29	1s 3	9n46	2s34	23s34	0s25	20s44	1n27	19s41	16s 1	22s24	22s34	12n22	16s19	6n53
S 2	15 50	23 2	4 9	16 58	2 46	2 44	1 55	21 26	1 4	18 31	1 3	9 46	2 34	23 34	0 25	20 44	1 27	19 41	16 1	22 24	22 34	12 24	16 19	6 53
M 3	15 33	25 2	3 16	17 14	2 29	3 11	2 2	21 18	1 4	18 33	1 3	9 46	2 35	23 34	0 25	20 44	1 27	19 42	16 1	22 24	22 35	12 27	16 19	6 52
T 4	15 15	25 31	2 13	17 30	2 11	3 39	2 9	21 10	1 4	18 36	1 3	9 45	2 35	23 34	0 25	20 44	1 27	19 43	16 2	22 24	22 35	12 29	16 20	6 52
W 5	14 57	24 29	1 4	17 43	1 53	4 7	2 17	21 2	1 5	18 38	1 3	9 45	2 35	23 34	0 25	20 44	1 27	19 43	16 2	22 24	22 35	12 32	16 20	6 52
T 6	14 38	22 6	0n 7	17 55	1 35	4 34	2 24	20 54	1 5	18 40	1 3	9 45	2 36	23 34	0 25	20 44	1 27	19 44	16 2	22 24	22 36	12 34	16 21	6 51
F 7	14 20	18 36	1 17	18 4	1 18	5 1	2 32	20 46	1 5	18 42	1 3	9 45	2 36	23 34	0 25	20 44	1 27	19 44	16 2	22 24	22 36	12 37	16 21	6 51
S 8	14 1	14 18	2 22	18 12	1 1	5 28	2 40	20 37	1 6	18 44	1 3	9 44	2 36	23 34	0 25	20 44	1 27	19 45	16 2	22 24	22 37	12 39	16 22	6 51
S 9	13 42	9 27	3 19	18 16	0 44	5 55	2 47	20 28	1 6	18 46	1 3	9 44	2 36	23 34	0 25	20 44	1 27	19 46	16 2	22 25	22 37	12 42	16 22	6 50
M10	13 23	4 18	4 5	18 19	0 28	6 22	2 55	20 20	1 6	18 48	1 3	9 44	2 37	23 35	0 25	20 44	1 27	19 46	16 3	22 26	22 37	12 44	16 23	6 50
T 11	13 3	0n55	4 39	18 18	0 13	6 48	3 3	20 11	1 7	18 50	1 3	9 43	2 37	23 35	0 25	20 44	1 27	19 47	16 3	22 26	22 38	12 47	16 24	6 50
W12	12 44	6 3	5 1	18 15	0n 2	7 14	3 11	20 2	1 7	18 52	1 3	9 43	2 37	23 35	0 25	20 44	1 27	19 47	16 3	22 27	22 38	12 49	16 24	6 49
T 13	12 24	10 54	5 9	18 8	0 16	7 40	3 19	19 52	1 7	18 54	1 4	9 43	2 37	23 35	0 25	20 44	1 27	19 48	16 3	22 28	22 38	12 52	16 25	6 49
F 14	12 4	15 19	5 4	17 59	0 29	8 5	3 27	19 43	1 7	18 56	1 4	9 42	2 38	23 35	0 25	20 44	1 27	19 48	16 3	22 29	22 39	12 54	16 25	6 48
S 15	11 43	19 9	4 45	17 47	0 41	8 30	3 36	19 34	1 8	18 58	1 4	9 42	2 38	23 35	0 25	20 44	1 27	19 49	16 3	22 29	22 39	12 57	16 26	6 48
S 16	11 23	22 14	4 15	17 31	0 52	8 55	3 44	19 24	1 8	19 0	1 4	9 41	2 38	23 35	0 25	20 44	1 27	19 50	16 3	22 30	22 39	12 59	16 26	6 48
M17	11 2	24 22	3 32	17 13	1 2	9 19	3 52	19 14	1 8	19 2	1 4	9 40	2 38	23 35	0 25	20 44	1 27	19 50	16 4	22 30	22 40	13 2	16 27	6 47
T 18	10 41	25 23	2 40	16 51	1 11	9 43	4 1	19 4	1 9	19 4	1 4	9 40	2 39	23 35	0 25	20 44	1 27	19 51	16 4	22 30	22 40	13 4	16 27	6 47
W19	10 20	25 9	1 38	16 27	1 19	10 7	4 9	18 54	1 9	19 5	1 4	9 39	2 39	23 35	0 25	20 44	1 27	19 51	16 4	22 29	22 41	13 7	16 28	6 46
T 20	9 59	23 34	0 30	16 1	1 26	10 30	4 17	18 44	1 9	19 7	1 4	9 38	2 39	23 35	0 25	20 44	1 26	19 52	16 4	22 29	22 41	13 9	16 28	6 46
F 21	9 38	20 37	0s42	15 31	1 32	10 53	4 26	18 34	1 9	19 9	1 4	9 38	2 39	23 35	0 25	20 44	1 26	19 52	16 4	22 29	22 41	13 12	16 29	6 45
S 22	9 16	16 26	1 54	14 59	1 37	11 16	4 35	18 24	1 10	19 11	1 4	9 37	2 40	23 36	0 25	20 44	1 26	19 53	16 4	22 30	22 42	13 14	16 29	6 45
S 23	8 54	11 13	3 1	14 26	1 41	11 38	4 43	18 13	1 10	19 12	1 4	9 36	2 40	23 36	0 25	20 44	1 26	19 54	16 4	22 30	22 42	13 17	16 30	6 45
M24	8 33	5 15	3 57	13 50	1 44	11 59	4 52	18 3	1 10	19 14	1 4	9 35	2 40	23 36	0 25	20 45	1 26	19 54	16 4	22 31	22 42	13 19	16 30	6 44
T 25	8 11	1s 5	4 39	13 12	1 47	12 20	5 0	17 52	1 11	19 15	1 4	9 34	2 40	23 36	0 25	20 45	1 26	19 55	16 4	22 32	22 43	13 21	16 31	6 44
W26	7 49	7 24	5 2	12 33	1 48	12 40	5 9	17 41	1 11	19 17	1 4	9 33	2 40	23 36	0 25	20 45	1 26	19 55	16 4	22 33	22 43	13 24	16 31	6 43
T 27	7 26	13 16	5 4	11 52	1 49	13 0	5 17	17 30	1 11	19 18	1 4	9 33	2 41	23 36	0 25	20 45	1 26	19 56	16 4	22 34	22 43	13 26	16 32	6 43
F 28	7 4	18 18	4 46	11 10	1 49	13 19	5 26	17 19	1 11	19 19	1 4	9 32	2 41	23 36	0 25	20 45	1 26	19 56	16 5	22 34	22 44	13 29	16 32	6 42
S 29	6 42	22 8	4 10	10 27	1 48	13 38	5 34	17 8	1 12	19 21	1 4	9 31	2 41	23 36	0 25	20 45	1 26	19 57	16 5	22 35	22 44	13 31	16 33	6 42
S 30	6 19	24 32	3 19	9 43	1 47	13 56	5 43	16 57	1 12	19 22	1 4	9 30	2 41	23 36	0 25	20 45	1 26	19 57	16 5	22 35	22 44	13 34	16 33	6 41
M31	5n56	25s22	2s18	8n59	1n45	14s13	5s51	16n46	1n12	19s23	1s 4	9n28	2s42	23s36	0s25	20s45	1n26	19s58	16s 5	22s35	22s45	13n36	16s34	6n41

Julian Day Number = 2203765.5, Delta T = 09m51s
Ecliptic obliquity = 23°31'41, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°16'41, Lahiri = 14°23'42 Julian Calendar 1 Aug. 1321 == Greg. Calendar 9 Aug. 1321

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ASTRODIENST EPHEMERIS for the year 1321
geocentric

SEPTEMBER 1321 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	23 11 19	15♍57'07	2♉31	13♍ 8	22♎55	18♌14	7°R49	1°R21	9°R29	10♐59	16°R48	15♉49	14♉22	22♈52	8°R51	T 1
W 2	23 15 16	16°55'46	15°39	15° 0	23°16	18°52	7♒44	1♉18	9♉28	10°59	16♓46	15°R50	14°18	22°59	8♉50	W 2
T 3	23 19 13	17°54'26	28°31	16°50	23°36	19°29	7°40	1°15	9°28	11° 0	16°45	15°49	14°15	23° 5	8°50	T 3
F 4	23 23 9	18°53'08	11♒ 9	18°40	23°54	20° 7	7°36	1°12	9°27	11° 0	16°44	15°46	14°12	23°12	8°50	F 4
S 5	23 27 6	19°51'52	23°37	20°29	24°10	20°45	7°32	1° 9	9°27	11° 1	16°43	15°41	14° 9	23°19	8°49	S 5
S 6	23 31 2	20°50'37	5♓56	22°17	24°24	21°22	7°28	1° 6	9°27	11° 2	16°42	15°32	14° 6	23°26	8°49	S 6
M 7	23 34 59	21°49'25	18° 7	24° 4	24°36	22° 0	7°24	1° 3	9°26	11° 3	16°40	15°22	14° 3	23°32	8°D49	M 7
T 8	23 38 55	22°48'14	0♈11	25°51	24°46	22°38	7°21	1° 0	9°26	11° 3	16°39	15°10	13°59	23°39	8°49	T 8
W 9	23 42 52	23°47'06	12° 9	27°36	24°54	23°15	7°18	0°57	9°26	11° 4	16°38	14°57	13°56	23°46	8°49	W 9
T 10	23 46 48	24°46'00	24° 3	29°20	25° 0	23°53	7°15	0°53	9°26	11° 5	16°37	14°44	13°53	23°52	8°50	T 10
F 11	23 50 45	25°44'56	5♉54	1♎ 4	25° 3	24°30	7°12	0°50	9°D26	11° 6	16°36	14°33	13°50	23°59	8°50	F 11
S 12	23 54 41	26°43'54	17°45	2°46	25°R 4	25° 8	7° 9	0°46	9°26	11° 7	16°34	14°25	13°47	24° 6	8°50	S 12
S 13	23 58 38	27°42'54	29°39	4°28	25° 2	25°45	7° 6	0°43	9°26	11° 8	16°33	14°19	13°43	24°13	8°51	S 13
M14	0 2 35	28°41'57	11♊41	6° 9	24°59	26°23	7° 4	0°39	9°26	11° 9	16°32	14°15	13°40	24°19	8°51	M14
T 15	0 6 31	29°41'02	23°54	7°49	24°53	27° 0	7° 2	0°36	9°27	11°10	16°31	14°14	13°37	24°26	8°52	T 15
W16	0 10 28	0♎40'10	6♋24	9°28	24°44	27°38	7° 0	0°32	9°27	11°11	16°30	14°D14	13°34	24°33	8°52	W16
T 17	0 14 24	1°39'19	19°15	11° 6	24°33	28°15	6°58	0°28	9°27	11°12	16°29	14°R14	13°31	24°40	8°53	T 17
F 18	0 18 21	2°38'32	2♌33	12°44	24°20	28°53	6°57	0°24	9°27	11°13	16°27	14°13	13°28	24°46	8°54	F 18
S 19	0 22 17	3°37'46	16°20	14°20	24° 4	29°30	6°56	0°20	9°28	11°14	16°26	14°10	13°24	24°53	8°55	S 19
S 20	0 26 14	4°37'03	0♍37	15°56	23°47	0♍ 7	6°54	0°16	9°28	11°15	16°25	14° 4	13°21	25° 0	8°56	S 20
M21	0 30 10	5°36'22	15°21	17°31	23°26	0°45	6°54	0°12	9°29	11°16	16°24	13°55	13°18	25° 6	8°57	M21
T 22	0 34 7	6°35'43	0♎25	19° 6	23° 4	1°22	6°53	0° 7	9°29	11°17	16°23	13°45	13°15	25°13	8°58	T 22
W23	0 38 4	7°35'06	15°42	20°39	22°40	1°59	6°52	0° 3	9°30	11°18	16°22	13°34	13°12	25°20	8°59	W23
T 24	0 42 0	8°34'31	0♏58	22°12	22°13	2°37	6°52	29♈59	9°31	11°20	16°21	13°23	13° 8	25°27	9° 0	T 24
F 25	0 45 57	9°33'58	16° 3	23°45	21°45	3°14	6°D52	29°55	9°31	11°21	16°19	13°14	13° 5	25°33	9° 2	F 25
S 26	0 49 53	10°33'28	0♐48	25°16	21°15	3°51	6°52	29°50	9°32	11°22	16°18	13° 7	13° 2	25°40	9° 3	S 26
S 27	0 53 50	11°32'59	15° 8	26°47	20°43	4°28	6°52	29°46	9°33	11°24	16°17	13° 3	12°59	25°47	9° 5	S 27
M28	0 57 46	12°32'32	29° 1	28°17	20°10	5° 6	6°53	29°41	9°34	11°25	16°16	13° 1	12°56	25°53	9° 6	M28
T 29	1 1 43	13°32'06	12♑27	29°47	19°36	5°43	6°53	29°37	9°35	11°26	16°15	13° 1	12°53	26° 0	9° 8	T 29
W30	1 5 39	14♎31'42	25♑30	1♏16	19♎ 1	6♍20	6♒54	29♈32	9♑35	11♐28	16♓14	13♑ 1	12♑49	26♈ 7	9♑10	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	5n34	24s41	1s11	8n13	1n42	14s30	6s 0	16n34	1n13	19s24	1s 4	9n27	2s42	23s36	0s25	20s45	1n26	19s58	16s 5	22s35	22s45	13n38	16s34	6n41
W 2	5 11	22 37	0 1	7 28	1 39	14 46	6 8	16 23	1 13	19 26	1 3	9 26	2 42	23 36	0 25	20 46	1 26	19 59	16 5	22 35	22 45	13 41	16 35	6 40
T 3	4 48	19 26	1n 7	6 41	1 36	15 1	6 16	16 11	1 13	19 27	1 3	9 25	2 42	23 36	0 25	20 46	1 26	19 59	16 5	22 35	22 46	13 43	16 35	6 40
F 4	4 25	15 24	2 11	5 55	1 32	15 15	6 24	15 59	1 13	19 28	1 3	9 24	2 42	23 36	0 25	20 46	1 26	20 0	16 5	22 36	22 46	13 46	16 36	6 39
S 5	4 2	10 45	3 7	5 8	1 28	15 28	6 32	15 48	1 14	19 29	1 3	9 23	2 42	23 36	0 25	20 46	1 26	20 0	16 5	22 36	22 46	13 48	16 36	6 39
S 6	3 39	5 45	3 53	4 21	1 23	15 41	6 40	15 36	1 14	19 30	1 3	9 22	2 43	23 36	0 25	20 46	1 26	20 1	16 5	22 37	22 47	13 50	16 37	6 38
M 7	3 15	0 36	4 29	3 34	1 19	15 52	6 47	15 24	1 14	19 30	1 3	9 20	2 43	23 36	0 25	20 46	1 25	20 1	16 5	22 38	22 47	13 53	16 37	6 38
T 8	2 52	4n31	4 51	2 47	1 13	16 2	6 55	15 12	1 14	19 31	1 3	9 19	2 43	23 36	0 25	20 46	1 25	20 2	16 5	22 40	22 47	13 55	16 38	6 37
W 9	2 29	9 26	5 1	2 0	1 8	16 12	7 2	15 0	1 15	19 32	1 3	9 18	2 43	23 36	0 25	20 47	1 25	20 2	16 5	22 41	22 48	13 58	16 38	6 37
T 10	2 5	13 58	4 57	1 13	1 2	16 20	7 8	14 47	1 15	19 33	1 3	9 16	2 43	23 36	0 25	20 47	1 25	20 3	16 5	22 43	22 48	14 0	16 39	6 36
F 11	1 42	17 57	4 41	0 26	0 56	16 28	7 15	14 35	1 15	19 33	1 3	9 15	2 44	23 36	0 25	20 47	1 25	20 3	16 5	22 44	22 48	14 2	16 39	6 36
S 12	1 18	21 13	4 12	0s20	0 50	16 34	7 21	14 23	1 15	19 34	1 3	9 14	2 44	23 36	0 25	20 47	1 25	20 3	16 5	22 45	22 49	14 5	16 40	6 35
S 13	0 55	23 37	3 33	1 6	0 44	16 39	7 27	14 10	1 16	19 35	1 3	9 12	2 44	23 36	0 25	20 47	1 25	20 4	16 4	22 45	22 49	14 7	16 40	6 35
M14	0 31	24 58	2 43	1 52	0 38	16 42	7 32	13 57	1 16	19 35	1 3	9 11	2 44	23 36	0 25	20 47	1 25	20 4	16 4	22 46	22 49	14 10	16 40	6 34
T 15	0 8	25 9	1 46	2 38	0 31	16 45	7 37	13 45	1 16	19 36	1 3	9 9	2 44	23 36	0 25	20 48	1 25	20 5	16 4	22 46	22 50	14 12	16 41	6 34
W16	0s16	24 4	0 41	3 23	0 25	16 46	7 42	13 32	1 16	19 36	1 3	9 8	2 44	23 36	0 25	20 48	1 25	20 5	16 4	22 46	22 50	14 14	16 41	6 33
T 17	0 40	21 42	0s27	4 8	0 18	16 45	7 46	13 19	1 17	19 36	1 3	9 7	2 44	23 36	0 25	20 48	1 25	20 5	16 4	22 46	22 50	14 17	16 42	6 33
F 18	1 3	18 7	1 35	4 53	0 11	16 43	7 49	13 6	1 17	19 37	1 2	9 5	2 45	23 36	0 24	20 48	1 25	20 6	16 4	22 46	22 51	14 19	16 42	6 32
S 19	1 27	13 26	2 41	5 37	0 4	16 40	7 52	12 53	1 17	19 37	1 2	9 4	2 45	23 36	0 24	20 48	1 25	20 6	16 4	22 46	22 51	14 21	16 43	6 32
S 20	1 50	7 53	3 39	6 20	0s 3	16 35	7 54	12 40	1 17	19 37	1 2	9 2	2 45	23 36	0 24	20 49	1 25	20 7	16 4	22 47	22 51	14 24	16 43	6 31
M21	2 14	1 44	4 24	7 3	0 10	16 29	7 56	12 27	1 18	19 37	1 2	9 0	2 45	23 36	0 24	20 49	1 25	20 7	16 4	22 48	22 52	14 26	16 43	6 31
T 22	2 38	4s38	4 52	7 46	0 17	16 21	7 57	12 14	1 18	19 37	1 2	8 59	2 45	23 36	0 24	20 49	1 25	20 7	16 4	22 49	22 52	14 28	16 44	6 30
W23	3 1	10 48	5 0	8 28	0 24	16 12	7 57	12 1	1 18	19 37	1 2	8 57	2 45	23 36	0 24	20 49	1 25	20 8	16 4	22 50	22 52	14 31	16 44	6 30
T 24	3 25	16 19	4 46	9 9	0 31	16 2	7 56	11 48	1 18	19 37	1 2	8 56	2 45	23 36	0 24	20 49	1 25	20 8	16 3	22 51	22 53	14 33	16 45	6 29
F 25	3 48	20 44	4 13	9 50	0 38	15 49	7 54	11 34	1 18	19 37	1 2	8 54	2 45	23 35	0 24	20 50	1 25	20 8	16 3	22 52	22 53	14 35	16 45	6 29
S 26	4 12	23 42	3 23	10 30	0 45	15 36	7 52	11 21	1 19	19 37	1 2	8 52	2 45	23 35	0 24	20 50	1 24	20 9	16 3	22 53	22 53	14 38	16 45	6 28
S 27	4 35	25 2	2 22	11 10	0 52	15 21	7 49	11 8	1 19	19 37	1 2	8 51	2 46	23 35	0 24	20 50	1 24	20 9	16 3	22 53	22 54	14 40	16 46	6 28
M28	4 58	24 45	1 13	11 49	0 58	15 4	7 45	10 54	1 19	19 37	1 2	8 49	2 46	23 35	0 24	20 50	1 24	20 9	16 3	22 53	22 54	14 42	16 46	6 28
T 29	5 22	23 0	0 3	12 27	1 5	14 46	7 40	10 41	1 19	19 37	1 2	8 47	2 46	23 35	0 24	20 51	1 24	20 9	16 3	22 53	22 54	14 44	16 47	6 27
W30	5s45	20s 3	1n 5	13s 5	1s12	14s27	7s34	10n27	1n19	19s36	1s 1	8n46	2s46	23s35	0s24	20s51	1n24	20s10	16s 3	22s53	22s54	14n47	16s47	6n27

Julian Day Number = 2203796.5, Delta T = 09m51s
Ecliptic obliquity = 23°31'41, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°16'46, Lahiri = 14°23'46 Julian Calendar 1 Sept. 1321 == Greg. Calendar 9 Sept. 1321

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ASTRODIENST EPHEMERIS for the year 1321
geocentric

OCTOBER 1321 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	1 9 36	15♎31'21	8♒14	2♏44	18°R25	6♍57	6♒55	29°R27	9♑36	11♐29	16°R13	13°R 0	12♑46	26♈14	9♑12	T 1
F 2	1 13 33	16°31'00	20°42	4°11	17♎49	7°34	6°57	29♈23	9°38	11°31	16♓12	12♑56	12°43	26°20	9°13	F 2
S 3	1 17 29	17°30'42	2♓59	5°38	17°12	8°11	6°58	29°18	9°39	11°32	16°11	12°50	12°40	26°27	9°15	S 3
S 4	1 21 26	18°30'25	15° 6	7° 4	16°35	8°48	7° 0	29°13	9°40	11°34	16°10	12°40	12°37	26°34	9°17	S 4
M 5	1 25 22	19°30'10	27° 7	8°29	15°59	9°25	7° 2	29° 9	9°41	11°35	16° 9	12°28	12°34	26°41	9°20	M 5
T 6	1 29 19	20°29'57	9♈ 4	9°53	15°23	10° 2	7° 4	29° 4	9°42	11°37	16° 8	12°15	12°30	26°47	9°22	T 6
W 7	1 33 15	21°29'46	20°58	11°17	14°48	10°39	7° 6	28°59	9°44	11°38	16° 7	12° 0	12°27	26°54	9°24	W 7
T 8	1 37 12	22°29'37	2♉50	12°39	14°13	11°16	7° 8	28°54	9°45	11°40	16° 6	11°46	12°24	27° 1	9°26	T 8
F 9	1 41 8	23°29'30	14°42	14° 1	13°40	11°53	7°11	28°50	9°46	11°42	16° 5	11°33	12°21	27° 7	9°29	F 9
S 10	1 45 5	24°29'26	26°36	15°22	13° 9	12°30	7°14	28°45	9°48	11°43	16° 4	11°23	12°18	27°14	9°31	S 10
S 11	1 49 2	25°29'23	8♊33	16°41	12°39	13° 7	7°17	28°40	9°49	11°45	16° 3	11°16	12°14	27°21	9°34	S 11
M12	1 52 58	26°29'22	20°36	18° 0	12°10	13°44	7°20	28°35	9°51	11°47	16° 3	11°12	12°11	27°28	9°36	M12
T 13	1 56 55	27°29'24	2♋50	19°17	11°44	14°21	7°24	28°30	9°52	11°48	16° 2	11°10	12° 8	27°34	9°39	T 13
W14	2 0 51	28°29'28	15°18	20°33	11°20	14°58	7°27	28°25	9°54	11°50	16° 1	11°D10	12° 5	27°41	9°42	W14
T 15	2 4 48	29°29'34	28° 5	21°47	10°57	15°34	7°31	28°20	9°56	11°52	16° 0	11°R10	12° 2	27°48	9°44	T 15
F 16	2 8 44	0♏29'42	11♌16	23° 0	10°37	16°11	7°35	28°16	9°57	11°54	15°59	11°10	11°59	27°54	9°47	F 16
S 17	2 12 41	1°29'52	24°54	24°11	10°20	16°48	7°39	28°11	9°59	11°55	15°58	11° 7	11°55	28° 1	9°50	S 17
S 18	2 16 37	2°30'04	9♍ 1	25°20	10° 5	17°25	7°44	28° 6	10° 1	11°57	15°58	11° 3	11°52	28° 8	9°53	S 18
M19	2 20 34	3°30'18	23°36	26°26	9°52	18° 1	7°48	28° 1	10° 3	11°59	15°57	10°56	11°49	28°15	9°56	M19
T 20	2 24 30	4°30'34	8♎35	27°30	9°42	18°38	7°53	27°56	10° 5	12° 1	15°56	10°47	11°46	28°21	9°59	T 20
W21	2 28 27	5°30'53	23°50	28°32	9°34	19°15	7°58	27°51	10° 7	12° 3	15°55	10°36	11°43	28°28	10° 3	W21
T 22	2 32 24	6°31'13	9♏10	29°30	9°29	19°51	8° 3	27°47	10° 9	12° 5	15°55	10°27	11°40	28°35	10° 6	T 22
F 23	2 36 20	7°31'35	24°23	0♐24	9°26	20°28	8° 8	27°42	10°11	12° 7	15°54	10°18	11°36	28°41	10° 9	F 23
S 24	2 40 17	8°31'59	9♐20	1°15	9°D26	21° 4	8°13	27°37	10°13	12° 9	15°53	10°12	11°33	28°48	10°13	S 24
S 25	2 44 13	9°32'24	23°53	2° 1	9°28	21°41	8°19	27°32	10°15	12°11	15°53	10° 9	11°30	28°55	10°16	S 25
M26	2 48 10	10°32'50	7♑57	2°42	9°32	22°18	8°25	27°28	10°17	12°13	15°52	10°D 8	11°27	29° 2	10°20	M26
T 27	2 52 6	11°33'18	21°33	3°17	9°39	22°54	8°31	27°23	10°19	12°15	15°52	10° 8	11°24	29° 8	10°23	T 27
W28	2 56 3	12°33'48	4♒41	3°46	9°48	23°30	8°37	27°19	10°22	12°17	15°51	10° 9	11°20	29°15	10°27	W28
T 29	3 0 0	13°34'18	17°27	4° 8	9°59	24° 7	8°43	27°14	10°24	12°19	15°50	10°R 9	11°17	29°22	10°30	T 29
F 30	3 3 56	14°34'50	29°53	4°22	10°12	24°43	8°50	27° 9	10°26	12°21	15°50	10° 8	11°14	29°28	10°34	F 30
S 31	3 7 53	15♏35'24	12♓ 5	4°R28	10♎27	25♍20	8♒56	27♈ 5	10♑29	12♐23	15♓49	10♑ 4	11♑11	29♈35	10♑38	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	6s 8	16s12	2n 9	13s42	1s19	14s 7	7s27	10n13	1n20	19s36	1s 1	8n44	2s46	23s35	0s24	20s51	1n24	20s10	16s 2	22s53	22s55	14n49	16s47	6n26
F 2	6 31	11 43	3 5	14 18	1 25	13 46	7 20	10 0	1 20	19 36	1 1	8 42	2 46	23 35	0 24	20 51	1 24	20 10	16 2	22 54	22 55	14 51	16 48	6 26
S 3	6 54	6 51	3 51	14 53	1 32	13 24	7 11	9 46	1 20	19 35	1 1	8 41	2 46	23 35	0 24	20 52	1 24	20 10	16 2	22 54	22 55	14 54	16 48	6 25
S 4	7 17	1 48	4 26	15 28	1 38	13 1	7 2	9 32	1 20	19 35	1 1	8 39	2 46	23 35	0 24	20 52	1 24	20 11	16 2	22 55	22 56	14 56	16 48	6 25
M 5	7 40	3n16	4 49	16 1	1 44	12 38	6 52	9 19	1 21	19 34	1 1	8 37	2 46	23 35	0 24	20 52	1 24	20 11	16 2	22 56	22 56	14 58	16 49	6 24
T 6	8 2	8 11	4 59	16 34	1 50	12 14	6 41	9 5	1 21	19 33	1 1	8 36	2 46	23 34	0 24	20 52	1 24	20 11	16 2	22 58	22 56	15 0	16 49	6 24
W 7	8 25	12 47	4 56	17 6	1 56	11 50	6 30	8 51	1 21	19 33	1 1	8 34	2 46	23 34	0 24	20 53	1 24	20 11	16 1	22 59	22 57	15 3	16 49	6 23
T 8	8 47	16 53	4 40	17 37	2 1	11 25	6 18	8 37	1 21	19 32	1 1	8 32	2 46	23 34	0 24	20 53	1 24	20 12	16 1	23 0	22 57	15 5	16 49	6 23
F 9	9 9	20 19	4 12	18 7	2 7	11 1	6 5	8 23	1 21	19 31	1 0	8 31	2 46	23 34	0 24	20 53	1 24	20 12	16 1	23 1	22 57	15 7	16 50	6 22
S 10	9 32	22 54	3 32	18 36	2 12	10 36	5 52	8 9	1 22	19 30	1 0	8 29	2 46	23 34	0 24	20 53	1 24	20 12	16 1	23 2	22 57	15 9	16 50	6 22
S 11	9 54	24 30	2 44	19 4	2 17	10 12	5 38	7 55	1 22	19 29	1 0	8 27	2 46	23 34	0 24	20 54	1 24	20 12	16 1	23 3	22 58	15 12	16 50	6 22
M12	10 15	24 58	1 47	19 31	2 22	9 48	5 24	7 41	1 22	19 29	1 0	8 25	2 46	23 34	0 24	20 54	1 24	20 12	16 0	23 3	22 58	15 14	16 51	6 21
T 13	10 37	24 14	0 44	19 57	2 26	9 24	5 10	7 27	1 22	19 28	1 0	8 24	2 46	23 34	0 24	20 54	1 24	20 12	16 0	23 3	22 58	15 16	16 51	6 21
W14	10 59	22 17	0s22	20 22	2 30	9 1	4 56	7 13	1 22	19 27	1 0	8 22	2 46	23 34	0 24	20 54	1 24	20 12	16 0	23 3	22 59	15 18	16 51	6 20
T 15	11 20	19 10	1 29	20 45	2 34	8 39	4 41	6 58	1 22	19 25	1 0	8 20	2 46	23 33	0 24	20 55	1 24	20 13	16 0	23 3	22 59	15 21	16 51	6 20
F 16	11 41	15 1	2 33	21 7	2 37	8 18	4 26	6 44	1 23	19 24	1 0	8 19	2 46	23 33	0 24	20 55	1 24	20 13	15 59	23 3	22 59	15 23	16 51	6 19
S 17	12 2	9 58	3 30	21 28	2 40	7 57	4 11	6 30	1 23	19 23	1 0	8 17	2 46	23 33	0 24	20 55	1 24	20 13	15 59	23 4	22 59	15 25	16 52	6 19
S 18	12 23	4 15	4 17	21 47	2 42	7 37	3 56	6 16	1 23	19 22	1 0	8 15	2 46	23 33	0 24	20 56	1 24	20 13	15 59	23 4	23 0	15 27	16 52	6 19
M19	12 44	1s52	4 49	22 5	2 44	7 19	3 41	6 2	1 23	19 21	0 59	8 14	2 46	23 33	0 24	20 56	1 24	20 13	15 59	23 5	23 0	15 30	16 52	6 18
T 20	13 4	8 2	5 3	22 22	2 45	7 1	3 26	5 47	1 23	19 19	0 59	8 12	2 46	23 33	0 24	20 56	1 23	20 13	15 58	23 5	23 0	15 32	16 52	6 18
W21	13 25	13 50	4 55	22 36	2 46	6 44	3 12	5 33	1 24	19 18	0 59	8 10	2 46	23 32	0 24	20 56	1 23	20 13	15 58	23 6	23 1	15 34	16 52	6 17
T 22	13 45	18 48	4 26	22 49	2 46	6 29	2 57	5 19	1 24	19 17	0 59	8 9	2 46	23 32	0 24	20 57	1 23	20 13	15 58	23 7	23 1	15 36	16 53	6 17
F 23	14 4	22 28	3 38	23 0	2 46	6 14	2 42	5 5	1 24	19 15	0 59	8 7	2 46	23 32	0 24	20 57	1 23	20 13	15 58	23 8	23 1	15 38	16 53	6 17
S 24	14 24	24 31	2 36	23 10	2 44	6 1	2 28	4 50	1 24	19 14	0 59	8 5	2 45	23 32	0 24	20 57	1 23	20 13	15 57	23 8	23 1	15 40	16 53	6 16
S 25	14 43	24 49	1 26	23 17	2 42	5 49	2 14	4 36	1 24	19 12	0 59	8 4	2 45	23 32	0 24	20 58	1 23	20 13	15 57	23 8	23 2	15 43	16 53	6 16
M26	15 2	23 29	0 12	23 22	2 39	5 38	2 1	4 22	1 24	19 10	0 59	8 2	2 45	23 32	0 24	20 58	1 23	20 13	15 57	23 8	23 2	15 45	16 53	6 15
T 27	15 21	20 48	1n 1	23 25	2 34	5 28	1 47	4 7	1 25	19 9	0 59	8 1	2 45	23 31	0 24	20 58	1 23	20 13	15 56	23 8	23 2	15 47	16 53	6 15
W28	15 40	17 6	2 8	23 25	2 29	5 20	1 34	3 53	1 25	19 7	0 59	7 59	2 45	23 31	0 24	20 58	1 23	20 13	15 56	23 8	23 3	15 49	16 53	6 15
T 29	15 58	12 43	3 6	23 23	2 22	5 12	1 21	3 39	1 25	19 5	0 58	7 58	2 45	23 31	0 24	20 59	1 23	20 13	15 56	23 8	23 3	15 51	16 53	6 14
F 30	16 16	7 54	3 54	23 17	2 14	5 6	1 8	3 24	1 25	19 3	0 58	7 56	2 45	23 31	0 24	20 59	1 23	20 13	15 56	23 8	23 3	15 54	16 54	6 14
S 31	16s34	2s53	4n30	23s 9	2s 5	5s 1	0s56	3n10	1n25	19s 2	0s58	7n55	2s45	23s31	0s24	20s59	1n23	20s13	15s55	23s 9	23s 3	15n56	16s54	6n14

Julian Day Number = 2203826.5, Delta T = 09m51s
Ecliptic obliquity = 23°31'41, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°16'50, Lahiri = 14°23'50 Julian Calendar 1 Oct. 1321 == Greg. Calendar 9 Oct. 1321

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ASTRODIENST EPHEMERIS for the year 1321
geocentric

NOVEMBER 1321 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	3 11 49	16♏35'58	24♓ 7	4°R24	10♎45	25♍56	9♒ 3	27°R 1	10♑31	12♐25	15°R49	9°R58	11♑ 8	29♈42	10♑42	S 1
M 2	3 15 46	17°36'34	6♈ 3	4♐11	11° 4	26°32	9°10	26♈56	10°33	12°27	15♓48	9♑50	11° 5	29°49	10°46	M 2
T 3	3 19 42	18°37'11	17°56	3°47	11°26	27° 8	9°17	26°52	10°36	12°29	15°48	9°40	11° 1	29°55	10°50	T 3
W 4	3 23 39	19°37'49	29°48	3°13	11°49	27°45	9°24	26°48	10°38	12°31	15°47	9°30	10°58	0♉ 2	10°54	W 4
T 5	3 27 35	20°38'29	11♉41	2°27	12°14	28°21	9°32	26°43	10°41	12°33	15°47	9°20	10°55	0° 9	10°58	T 5
F 6	3 31 32	21°39'10	23°36	1°32	12°41	28°57	9°39	26°39	10°44	12°35	15°47	9°11	10°52	0°15	11° 2	F 6
S 7	3 35 28	22°39'53	5♊36	0°28	13°10	29°33	9°47	26°35	10°46	12°38	15°46	9° 4	10°49	0°22	11° 6	S 7
S 8	3 39 25	23°40'37	17°42	29♏15	13°40	0♎ 9	9°55	26°31	10°49	12°40	15°46	9° 0	10°46	0°29	11°10	S 8
M 9	3 43 22	24°41'23	29°55	27°57	14°12	0°45	10° 3	26°27	10°52	12°42	15°46	8°57	10°42	0°36	11°15	M 9
T 10	3 47 18	25°42'10	12♋18	26°36	14°45	1°21	10°11	26°23	10°54	12°44	15°45	8°D57	10°39	0°42	11°19	T 10
W11	3 51 15	26°42'58	24°53	25°13	15°20	1°57	10°20	26°19	10°57	12°46	15°45	8°58	10°36	0°49	11°23	W11
T 12	3 55 11	27°43'48	7♌44	23°53	15°56	2°33	10°28	26°15	11° 0	12°49	15°45	8°59	10°33	0°56	11°28	T 12
F 13	3 59 8	28°44'39	20°53	22°37	16°33	3° 9	10°37	26°12	11° 3	12°51	15°45	9° 1	10°30	1° 2	11°32	F 13
S 14	4 3 4	29°45'32	4♍24	21°28	17°12	3°45	10°45	26° 8	11° 6	12°53	15°44	9°R 1	10°26	1° 9	11°37	S 14
S 15	4 7 1	0♐46'26	18°19	20°29	17°52	4°21	10°54	26° 5	11° 8	12°55	15°44	8°59	10°23	1°16	11°41	S 15
M16	4 10 58	1°47'22	2♎37	19°39	18°33	4°56	11° 3	26° 1	11°11	12°57	15°44	8°56	10°20	1°23	11°46	M16
T 17	4 14 54	2°48'19	17°17	19° 1	19°16	5°32	11°12	25°58	11°14	13° 0	15°44	8°52	10°17	1°29	11°50	T 17
W18	4 18 51	3°49'17	2♏13	18°34	19°59	6° 8	11°22	25°54	11°17	13° 2	15°44	8°46	10°14	1°36	11°55	W18
T 19	4 22 47	4°50'17	17°18	18°19	20°44	6°44	11°31	25°51	11°20	13° 4	15°44	8°41	10°11	1°43	12° 0	T 19
F 20	4 26 44	5°51'17	2♐21	18°D14	21°29	7°19	11°41	25°48	11°23	13° 6	15°44	8°36	10° 7	1°49	12° 4	F 20
S 21	4 30 40	6°52'19	17°15	18°20	22°16	7°55	11°50	25°45	11°26	13° 9	15°44	8°33	10° 4	1°56	12° 9	S 21
S 22	4 34 37	7°53'21	1♑50	18°36	23° 3	8°30	12° 0	25°42	11°29	13°11	15°D44	8°D32	10° 1	2° 3	12°14	S 22
M23	4 38 33	8°54'25	16° 0	19° 0	23°52	9° 6	12°10	25°39	11°33	13°13	15°44	8°32	9°58	2°10	12°19	M23
T 24	4 42 30	9°55'29	29°44	19°32	24°41	9°41	12°20	25°36	11°36	13°15	15°44	8°33	9°55	2°16	12°24	T 24
W25	4 46 27	10°56'33	13♒ 1	20°10	25°31	10°17	12°30	25°34	11°39	13°18	15°44	8°35	9°52	2°23	12°29	W25
T 26	4 50 23	11°57'38	25°53	20°56	26°22	10°52	12°40	25°31	11°42	13°20	15°44	8°36	9°48	2°30	12°33	T 26
F 27	4 54 20	12°58'43	8♓24	21°46	27°14	11°27	12°51	25°29	11°45	13°22	15°44	8°R37	9°45	2°36	12°38	F 27
S 28	4 58 16	13°59'49	20°39	22°42	28° 6	12° 3	13° 1	25°26	11°49	13°25	15°44	8°37	9°42	2°43	12°43	S 28
S 29	5 2 13	15° 0'55	2♈41	23°42	28°59	12°38	13°12	25°24	11°52	13°27	15°44	8°36	9°39	2°50	12°48	S 29
M30	5 6 9	16♐ 2'01	14♈36	24♏45	29♎53	13♎13	13♒23	25♈22	11♑55	13♐29	15♓44	8♑33	9♑36	2♉57	12♑54	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	16s52	2n 9	4n54	22s58	1s54	4s57	0s44	2n56	1n25	19s 0	0s58	7n53	2s45	23s30	0s24	21s 0	1n23	20s13	15s55	23s 9	23s 4	15n58	16s54	6n13
M 2	17 9	7 4	5 5	22 43	1 41	4 54	0 33	2 41	1 25	18 58	0 58	7 52	2 44	23 30	0 24	21 0	1 23	20 13	15 55	23 10	23 4	16 0	16 54	6 13
T 3	17 26	11 43	5 3	22 25	1 27	4 52	0 21	2 27	1 26	18 56	0 58	7 50	2 44	23 30	0 24	21 0	1 23	20 13	15 54	23 10	23 4	16 2	16 54	6 13
W 4	17 42	15 55	4 47	22 3	1 12	4 51	0 10	2 13	1 26	18 54	0 58	7 49	2 44	23 30	0 24	21 0	1 23	20 13	15 54	23 11	23 4	16 4	16 54	6 12
T 5	17 59	19 30	4 19	21 37	0 54	4 51	0n 0	1 58	1 26	18 52	0 58	7 48	2 44	23 30	0 24	21 1	1 23	20 12	15 54	23 12	23 5	16 6	16 54	6 12
F 6	18 15	22 17	3 40	21 8	0 36	4 52	0 10	1 44	1 26	18 49	0 58	7 46	2 44	23 29	0 24	21 1	1 23	20 12	15 53	23 12	23 5	16 9	16 54	6 12
S 7	18 30	24 6	2 50	20 36	0 17	4 54	0 20	1 30	1 26	18 47	0 58	7 45	2 44	23 29	0 24	21 1	1 23	20 12	15 53	23 13	23 5	16 11	16 54	6 11
S 8	18 46	24 49	1 52	20 0	0n 4	4 57	0 30	1 15	1 26	18 45	0 58	7 44	2 43	23 29	0 24	21 2	1 23	20 12	15 53	23 13	23 5	16 13	16 54	6 11
M 9	19 1	24 20	0 49	19 23	0 24	5 1	0 39	1 1	1 26	18 43	0 57	7 42	2 43	23 29	0 24	21 2	1 23	20 12	15 52	23 13	23 6	16 15	16 54	6 11
T 10	19 15	22 39	0s18	18 44	0 45	5 6	0 48	0 47	1 27	18 41	0 57	7 41	2 43	23 29	0 24	21 2	1 23	20 12	15 52	23 13	23 6	16 17	16 54	6 10
W11	19 30	19 50	1 25	18 6	1 4	5 11	0 57	0 33	1 27	18 38	0 57	7 40	2 43	23 28	0 24	21 3	1 23	20 11	15 52	23 13	23 6	16 19	16 54	6 10
T 12	19 44	15 59	2 30	17 28	1 23	5 17	1 5	0 18	1 27	18 36	0 57	7 39	2 43	23 28	0 24	21 3	1 23	20 11	15 52	23 13	23 6	16 21	16 53	6 10
F 13	19 57	11 18	3 28	16 53	1 40	5 24	1 13	0 4	1 27	18 33	0 57	7 38	2 43	23 28	0 24	21 3	1 23	20 11	15 51	23 13	23 7	16 23	16 53	6 9
S 14	20 10	5 57	4 16	16 20	1 55	5 32	1 21	0s10	1 27	18 31	0 57	7 36	2 42	23 28	0 24	21 3	1 23	20 11	15 51	23 13	23 7	16 25	16 53	6 9
S 15	20 23	0 10	4 51	15 52	2 9	5 41	1 28	0 24	1 27	18 28	0 57	7 35	2 42	23 27	0 24	21 4	1 23	20 11	15 51	23 13	23 7	16 28	16 53	6 9
M16	20 36	5s46	5 9	15 28	2 20	5 50	1 35	0 38	1 27	18 26	0 57	7 34	2 42	23 27	0 24	21 4	1 23	20 10	15 50	23 14	23 7	16 30	16 53	6 9
T 17	20 48	11 33	5 8	15 10	2 28	6 0	1 42	0 52	1 27	18 23	0 57	7 33	2 42	23 27	0 24	21 4	1 23	20 10	15 50	23 14	23 8	16 32	16 53	6 8
W18	21 0	16 45	4 46	14 56	2 35	6 10	1 48	1 6	1 27	18 21	0 57	7 32	2 41	23 27	0 24	21 5	1 23	20 10	15 50	23 14	23 8	16 34	16 53	6 8
T 19	21 11	20 57	4 4	14 47	2 40	6 21	1 55	1 20	1 28	18 18	0 57	7 31	2 41	23 26	0 24	21 5	1 23	20 10	15 49	23 15	23 8	16 36	16 53	6 8
F 20	21 22	23 44	3 5	14 43	2 42	6 33	2 1	1 34	1 28	18 15	0 57	7 30	2 41	23 26	0 24	21 5	1 23	20 9	15 49	23 15	23 8	16 38	16 52	6 8
S 21	21 32	24 48	1 54	14 44	2 43	6 45	2 6	1 48	1 28	18 12	0 56	7 29	2 41	23 26	0 24	21 6	1 23	20 9	15 48	23 15	23 9	16 40	16 52	6 7
S 22	21 42	24 8	0 37	14 48	2 43	6 57	2 12	2 2	1 28	18 10	0 56	7 29	2 41	23 25	0 24	21 6	1 23	20 9	15 48	23 15	23 9	16 42	16 52	6 7
M23	21 52	21 53	0n41	14 56	2 42	7 10	2 17	2 16	1 28	18 7	0 56	7 28	2 40	23 25	0 24	21 6	1 23	20 8	15 48	23 15	23 9	16 44	16 52	6 7
T 24	22 1	18 26	1 54	15 8	2 39	7 24	2 22	2 30	1 28	18 4	0 56	7 27	2 40	23 25	0 24	21 6	1 23	20 8	15 47	23 15	23 9	16 46	16 52	6 7
W25	22 10	14 7	2 58	15 22	2 35	7 38	2 26	2 44	1 28	18 1	0 56	7 26	2 40	23 25	0 24	21 7	1 23	20 8	15 47	23 15	23 10	16 48	16 51	6 7
T 26	22 18	9 18	3 51	15 38	2 31	7 52	2 31	2 58	1 28	17 58	0 56	7 26	2 40	23 24	0 24	21 7	1 23	20 7	15 47	23 15	23 10	16 50	16 51	6 6
F 27	22 26	4 15	4 32	15 56	2 26	8 7	2 35	3 12	1 28	17 55	0 56	7 25	2 39	23 24	0 24	21 7	1 23	20 7	15 46	23 15	23 10	16 52	16 51	6 6
S 28	22 34	0n52	4 59	16 16	2 20	8 22	2 39	3 25	1 28	17 52	0 56	7 24	2 39	23 24	0 24	21 8	1 23	20 7	15 46	23 15	23 10	16 54	16 51	6 6
S 29	22 41	5 51	5 13	16 36	2 14	8 37	2 42	3 39	1 28	17 49	0 56	7 24	2 39	23 23	0 24	21 8	1 23	20 6	15 46	23 15	23 11	16 56	16 50	6 6
M30	22s48	10n34	5n13	16s58	2n 7	8s53	2n46	3s53	1n29	17s45	0s56	7n23	2s39	23s23	0s24	21s 8	1n23	20s 6	15s45	23s15	23s11	16n58	16s50	6n 6

Julian Day Number = 2203857.5, Delta T = 09m51s
Ecliptic obliquity = 23°31'40, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°16'54, Lahiri = 14°23'54 Julian Calendar 1 Nov. 1321 == Greg. Calendar 9 Nov. 1321

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ASTRODIENST EPHEMERIS for the year 1321
geocentric

DECEMBER 1321 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	5 10 6	17♐ 3'08	26♈27	25♏52	0♏48	13♎48	13♒34	25°R20	11♑58	13♐31	15♓45	8°R30	9♑32	3♉ 3	12♑59	T 1
W 2	5 14 2	18° 4'15	8♉19	27° 2	1°43	14°23	13°44	25♈18	12° 2	13°34	15°45	8♑27	9°29	3°10	13° 4	W 2
T 3	5 17 59	19° 5'22	20°14	28°14	2°38	14°58	13°56	25°16	12° 5	13°36	15°45	8°23	9°26	3°17	13° 9	T 3
F 4	5 21 56	20° 6'30	2♊15	29°29	3°35	15°33	14° 7	25°14	12° 8	13°38	15°45	8°20	9°23	3°23	13°14	F 4
S 5	5 25 52	21° 7'38	14°24	0♐45	4°32	16° 8	14°18	25°13	12°12	13°40	15°46	8°18	9°20	3°30	13°19	S 5
S 6	5 29 49	22° 8'47	26°43	2° 3	5°29	16°43	14°29	25°11	12°15	13°43	15°46	8°17	9°17	3°37	13°24	S 6
M 7	5 33 45	23° 9'56	9♋12	3°23	6°27	17°17	14°41	25°10	12°19	13°45	15°46	8°D16	9°13	3°44	13°30	M 7
T 8	5 37 42	24°11'05	21°53	4°44	7°26	17°52	14°52	25° 8	12°22	13°47	15°47	8°17	9°10	3°50	13°35	T 8
W 9	5 41 38	25°12'15	4♌46	6° 6	8°25	18°27	15° 4	25° 7	12°25	13°49	15°47	8°18	9° 7	3°57	13°40	W 9
T 10	5 45 35	26°13'25	17°52	7°29	9°24	19° 1	15°16	25° 6	12°29	13°52	15°48	8°19	9° 4	4° 4	13°46	T 10
F 11	5 49 31	27°14'36	1♍12	8°53	10°24	19°36	15°27	25° 5	12°32	13°54	15°48	8°20	9° 1	4°10	13°51	F 11
S 12	5 53 28	28°15'47	14°48	10°18	11°25	20°10	15°39	25° 4	12°36	13°56	15°49	8°21	8°57	4°17	13°56	S 12
S 13	5 57 25	29°16'58	28°39	11°44	12°25	20°45	15°51	25° 3	12°39	13°58	15°49	8°R21	8°54	4°24	14° 2	S 13
M14	6 1 21	0♑18'10	12♎45	13°10	13°27	21°19	16° 3	25° 2	12°43	14° 0	15°50	8°21	8°51	4°31	14° 7	M14
T 15	6 5 18	1°19'22	27° 5	14°38	14°28	21°54	16°16	25° 2	12°46	14° 3	15°50	8°20	8°48	4°37	14°12	T 15
W16	6 9 14	2°20'34	11♏35	16° 5	15°30	22°28	16°28	25° 1	12°50	14° 5	15°51	8°20	8°45	4°44	14°18	W16
T 17	6 13 11	3°21'47	26°12	17°34	16°33	23° 2	16°40	25° 1	12°53	14° 7	15°51	8°19	8°42	4°51	14°23	T 17
F 18	6 17 7	4°23'00	10♐50	19° 2	17°36	23°36	16°53	25° 1	12°57	14° 9	15°52	8°18	8°38	4°57	14°28	F 18
S 19	6 21 4	5°24'13	25°22	20°32	18°39	24°10	17° 5	25°D 1	13° 0	14°11	15°53	8°18	8°35	5° 4	14°34	S 19
S 20	6 25 1	6°25'26	9♑42	22° 2	19°42	24°44	17°18	25° 1	13° 4	14°13	15°53	8°D18	8°32	5°11	14°39	S 20
M21	6 28 57	7°26'38	23°45	23°32	20°46	25°18	17°30	25° 1	13° 7	14°16	15°54	8°18	8°29	5°18	14°45	M21
T 22	6 32 54	8°27'51	7♒27	25° 3	21°50	25°52	17°43	25° 1	13°11	14°18	15°55	8°R18	8°26	5°24	14°50	T 22
W23	6 36 50	9°29'02	20°47	26°34	22°54	26°25	17°56	25° 1	13°14	14°20	15°55	8°18	8°23	5°31	14°56	W23
T 24	6 40 47	10°30'14	3♓44	28° 6	23°59	26°59	18° 9	25° 2	13°18	14°22	15°56	8°18	8°19	5°38	15° 1	T 24
F 25	6 44 43	11°31'24	16°20	29°38	25° 4	27°32	18°22	25° 2	13°22	14°24	15°57	8°18	8°16	5°44	15° 7	F 25
S 26	6 48 40	12°32'34	28°39	1♑11	26° 9	28° 6	18°35	25° 3	13°25	14°26	15°58	8°17	8°13	5°51	15°12	S 26
S 27	6 52 36	13°33'44	10♈44	2°44	27°14	28°39	18°48	25° 4	13°29	14°28	15°58	8°D17	8°10	5°58	15°17	S 27
M28	6 56 33	14°34'52	22°40	4°17	28°20	29°13	19° 1	25° 5	13°32	14°30	15°59	8°17	8° 7	6° 4	15°23	M28
T 29	7 0 30	15°36'00	4♉31	5°51	29°26	29°46	19°14	25° 6	13°36	14°32	16° 0	8°18	8° 3	6°11	15°28	T 29
W30	7 4 26	16°37'07	16°23	7°26	0♐32	0♏19	19°27	25° 7	13°39	14°34	16° 1	8°18	8° 0	6°18	15°34	W30
T 31	7 8 23	17♑38'14	28♉20	9♑ 1	1♐38	0♏52	19♒40	25♈ 8	13♑43	14♐36	16♓ 2	8♑19	7♑57	6♉25	15♑39	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22s54	14n53	4n59	17s21	2n 0	9s 9	2n49	4s 6	1n29	17s42	0s56	7n23	2s38	23s23	0s24	21s 8	1n23	20s 5	15s45	23s15	23s11	17n 0	16s50	6n 5
W 2	22 59	18 38	4 33	17 44	1 53	9 25	2 52	4 20	1 29	17 39	0 56	7 22	2 38	23 23	0 24	21 9	1 23	20 5	15 45	23 15	23 11	17 2	16 49	6 5
T 3	23 5	21 38	3 55	18 8	1 45	9 42	2 55	4 33	1 29	17 36	0 56	7 22	2 38	23 22	0 24	21 9	1 23	20 5	15 44	23 16	23 11	17 4	16 49	6 5
F 4	23 9	23 43	3 6	18 31	1 38	9 58	2 57	4 47	1 29	17 33	0 56	7 21	2 37	23 22	0 24	21 9	1 23	20 4	15 44	23 16	23 12	17 6	16 49	6 5
S 5	23 14	24 44	2 8	18 55	1 30	10 15	3 0	5 0	1 29	17 29	0 56	7 21	2 37	23 22	0 24	21 9	1 23	20 4	15 44	23 16	23 12	17 8	16 48	6 5
S 6	23 18	24 33	1 3	19 18	1 22	10 32	3 2	5 13	1 29	17 26	0 55	7 21	2 37	23 21	0 24	21 10	1 23	20 3	15 43	23 16	23 12	17 10	16 48	6 5
M 7	23 21	23 7	0s 5	19 42	1 14	10 50	3 4	5 27	1 29	17 22	0 55	7 20	2 37	23 21	0 24	21 10	1 23	20 3	15 43	23 16	23 12	17 12	16 48	6 5
T 8	23 24	20 31	1 15	20 4	1 6	11 7	3 6	5 40	1 29	17 19	0 55	7 20	2 36	23 21	0 24	21 10	1 23	20 2	15 43	23 16	23 13	17 14	16 47	6 4
W 9	23 26	16 51	2 21	20 27	0 58	11 24	3 7	5 53	1 29	17 15	0 55	7 20	2 36	23 20	0 24	21 11	1 23	20 2	15 42	23 16	23 13	17 16	16 47	6 4
T 10	23 28	12 20	3 22	20 49	0 50	11 42	3 9	6 6	1 29	17 12	0 55	7 20	2 36	23 20	0 24	21 11	1 23	20 1	15 42	23 16	23 13	17 18	16 46	6 4
F 11	23 30	7 9	4 13	21 10	0 43	11 59	3 10	6 19	1 29	17 8	0 55	7 20	2 35	23 20	0 24	21 11	1 23	20 1	15 42	23 16	23 13	17 20	16 46	6 4
S 12	23 31	1 32	4 51	21 30	0 35	12 17	3 11	6 32	1 29	17 5	0 55	7 20	2 35	23 19	0 24	21 11	1 23	20 0	15 41	23 16	23 13	17 22	16 46	6 4
S 13	23 32	4s14	5 13	21 50	0 27	12 35	3 12	6 45	1 29	17 1	0 55	7 20	2 35	23 19	0 24	21 12	1 23	20 0	15 41	23 16	23 14	17 24	16 45	6 4
M14	23 32	9 54	5 16	22 9	0 19	12 52	3 12	6 58	1 29	16 58	0 55	7 20	2 35	23 19	0 24	21 12	1 23	19 59	15 41	23 16	23 14	17 26	16 45	6 4
T 15	23 31	15 8	5 0	22 27	0 12	13 10	3 13	7 11	1 29	16 54	0 55	7 20	2 34	23 18	0 24	21 12	1 23	19 59	15 40	23 16	23 14	17 28	16 44	6 4
W16	23 30	19 34	4 25	22 44	0 4	13 28	3 13	7 24	1 29	16 50	0 55	7 20	2 34	23 18	0 24	21 12	1 23	19 58	15 40	23 16	23 14	17 30	16 44	6 4
T 17	23 29	22 49	3 33	23 0	0s 3	13 45	3 13	7 36	1 29	16 46	0 55	7 20	2 34	23 18	0 24	21 13	1 23	19 58	15 40	23 16	23 14	17 32	16 43	6 4
F 18	23 27	24 34	2 27	23 15	0 10	14 3	3 13	7 49	1 29	16 43	0 55	7 20	2 33	23 17	0 24	21 13	1 23	19 57	15 39	23 16	23 15	17 34	16 43	6 4
S 19	23 25	24 38	1 11	23 29	0 18	14 20	3 13	8 1	1 29	16 39	0 55	7 21	2 33	23 17	0 24	21 13	1 23	19 57	15 39	23 16	23 15	17 36	16 42	6 4
S 20	23 22	23 3	0n 8	23 42	0 24	14 38	3 13	8 14	1 29	16 35	0 55	7 21	2 33	23 17	0 24	21 13	1 23	19 56	15 39	23 16	23 15	17 38	16 42	6 4
M21	23 19	20 2	1 25	23 53	0 31	14 55	3 13	8 26	1 29	16 31	0 55	7 21	2 32	23 16	0 24	21 14	1 23	19 56	15 38	23 16	23 15	17 39	16 41	6 4
T 22	23 15	15 59	2 35	24 4	0 38	15 12	3 12	8 39	1 29	16 27	0 55	7 22	2 32	23 16	0 24	21 14	1 23	19 55	15 38	23 16	23 16	17 41	16 41	6 3
W23	23 11	11 14	3 35	24 13	0 44	15 29	3 11	8 51	1 29	16 23	0 55	7 22	2 32	23 16	0 24	21 14	1 23	19 55	15 38	23 16	23 16	17 43	16 40	6 3
T 24	23 7	6 7	4 22	24 22	0 51	15 46	3 10	9 3	1 29	16 19	0 55	7 22	2 32	23 15	0 24	21 14	1 23	19 54	15 37	23 16	23 16	17 45	16 39	6 3
F 25	23 2	0 53	4 54	24 28	0 57	16 2	3 10	9 15	1 29	16 15	0 55	7 23	2 31	23 15	0 24	21 14	1 23	19 53	15 37	23 16	23 16	17 47	16 39	6 3
S 26	22 56	4n14	5 13	24 34	1 3	16 18	3 8	9 27	1 29	16 11	0 55	7 23	2 31	23 15	0 24	21 15	1 23	19 53	15 37	23 16	23 16	17 49	16 38	6 3
S 27	22 50	9 7	5 17	24 38	1 8	16 35	3 7	9 39	1 29	16 7	0 55	7 24	2 31	23 14	0 24	21 15	1 23	19 52	15 37	23 16	23 16	17 51	16 38	6 3
M28	22 44	13 36	5 7	24 41	1 14	16 50	3 6	9 51	1 29	16 3	0 55	7 25	2 30	23 14	0 24	21 15	1 23	19 52	15 36	23 16	23 17	17 53	16 37	6 3
T 29	22 37	17 32	4 45	24 43	1 19	17 6	3 4	10 3	1 29	15 59	0 55	7 25	2 30	23 14	0 24	21 15	1 23	19 51	15 36	23 16	23 17	17 55	16 36	6 4
W30	22 29	20 47	4 10	24 43	1 24	17 21	3 3	10 14	1 29	15 54	0 55	7 26	2 30	23 13	0 24	21 16	1 23	19 50	15 36	23 16	23 17	17 56	16 36	6 4
T 31	22s22	23n11	3n24	24s42	1s29	17s36	3n 1	10s26	1n29	15s50	0s55	7n27	2s29	23s13	0s24	21s16	1n23	19s50	15s35	23s16	23s17	17n58	16s35	6n 4

Julian Day Number = 2203887.5, Delta T = 09m51s
Ecliptic obliquity = 23°31'39, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°16'58, Lahiri = 14°23'59 Julian Calendar 1 Dec. 1321 == Greg. Calendar 9 Dec. 1321

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ASTRODIENST EPHEMERIS for the year 1322
geocentric

JANUARY 1322 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	7 12 19	18♑39'19	10♊25	10♑37	2♐45	1♏25	19♒54	25♈10	13♑46	14♐38	16♓ 3	8♑20	7♑54	6♉31	15♑45	F 1
S 2	7 16 16	19°40'24	22°42	12°13	3°52	1°58	20° 7	25°11	13°50	14°40	16° 4	8°21	7°51	6°38	15°50	S 2
S 3	7 20 12	20°41'28	5♋14	13°50	4°59	2°31	20°21	25°13	13°54	14°42	16° 5	8°R22	7°48	6°45	15°56	S 3
M 4	7 24 9	21°42'31	18° 0	15°27	6° 6	3° 3	20°34	25°14	13°57	14°44	16° 6	8°21	7°44	6°51	16° 1	M 4
T 5	7 28 5	22°43'33	1♌ 3	17° 5	7°13	3°36	20°48	25°16	14° 1	14°46	16° 7	8°21	7°41	6°58	16° 7	T 5
W 6	7 32 2	23°44'35	14°21	18°43	8°21	4° 8	21° 1	25°18	14° 4	14°48	16° 8	8°19	7°38	7° 5	16°12	W 6
T 7	7 35 59	24°45'36	27°53	20°22	9°29	4°41	21°15	25°20	14° 8	14°50	16° 9	8°17	7°35	7°12	16°17	T 7
F 8	7 39 55	25°46'36	11♍37	22° 2	10°37	5°13	21°29	25°22	14°11	14°51	16°10	8°14	7°32	7°18	16°23	F 8
S 9	7 43 52	26°47'35	25°31	23°43	11°45	5°45	21°43	25°24	14°15	14°53	16°11	8°12	7°29	7°25	16°28	S 9
S 10	7 47 48	27°48'34	9♎33	25°24	12°53	6°17	21°56	25°27	14°18	14°55	16°12	8°10	7°25	7°32	16°34	S 10
M11	7 51 45	28°49'32	23°40	27° 5	14° 1	6°49	22°10	25°29	14°22	14°57	16°13	8°D 9	7°22	7°38	16°39	M11
T 12	7 55 41	29°50'29	7♏50	28°48	15°10	7°21	22°24	25°32	14°25	14°58	16°14	8° 9	7°19	7°45	16°44	T 12
W13	7 59 38	0♒51'26	22° 1	0♒31	16°19	7°53	22°38	25°34	14°29	15° 0	16°15	8°10	7°16	7°52	16°50	W13
T 14	8 3 34	1°52'22	6♐12	2°14	17°28	8°24	22°52	25°37	14°32	15° 2	16°16	8°12	7°13	7°58	16°55	T 14
F 15	8 7 31	2°53'18	20°20	3°59	18°37	8°56	23° 6	25°40	14°35	15° 4	16°18	8°13	7° 9	8° 5	17° 0	F 15
S 16	8 11 28	3°54'12	4♑23	5°44	19°46	9°27	23°20	25°43	14°39	15° 5	16°19	8°R14	7° 6	8°12	17° 5	S 16
S 17	8 15 24	4°55'05	18°16	7°30	20°55	9°58	23°34	25°46	14°42	15° 7	16°20	8°14	7° 3	8°19	17°11	S 17
M18	8 19 21	5°55'57	1♒58	9°16	22° 4	10°29	23°48	25°49	14°46	15° 9	16°21	8°12	7° 0	8°25	17°16	M18
T 19	8 23 17	6°56'48	15°26	11° 3	23°14	11° 0	24° 2	25°52	14°49	15°10	16°22	8° 9	6°57	8°32	17°21	T 19
W20	8 27 14	7°57'38	28°36	12°51	24°24	11°31	24°16	25°56	14°52	15°12	16°24	8° 4	6°54	8°39	17°26	W20
T 21	8 31 10	8°58'26	11♓29	14°39	25°33	12° 2	24°31	25°59	14°56	15°13	16°25	7°59	6°50	8°45	17°32	T 21
F 22	8 35 7	9°59'13	24° 5	16°27	26°43	12°32	24°45	26° 3	14°59	15°15	16°26	7°53	6°47	8°52	17°37	F 22
S 23	8 39 3	10°59'58	6♈25	18°16	27°53	13° 3	24°59	26° 6	15° 2	15°16	16°27	7°48	6°44	8°59	17°42	S 23
S 24	8 43 0	12° 0'41	18°31	20° 5	29° 3	13°33	25°13	26°10	15° 6	15°18	16°29	7°44	6°41	9° 6	17°47	S 24
M25	8 46 57	13° 1'23	0♉27	21°55	0♑13	14° 3	25°28	26°14	15° 9	15°19	16°30	7°41	6°38	9°12	17°52	M25
T 26	8 50 53	14° 2'03	12°19	23°44	1°23	14°33	25°42	26°18	15°12	15°20	16°31	7°D41	6°35	9°19	17°57	T 26
W27	8 54 50	15° 2'42	24°10	25°33	2°34	15° 3	25°56	26°22	15°15	15°22	16°33	7°41	6°31	9°26	18° 2	W27
T 28	8 58 46	16° 3'18	6♊ 6	27°21	3°44	15°33	26°11	26°26	15°18	15°23	16°34	7°42	6°28	9°32	18° 7	T 28
F 29	9 2 43	17° 3'54	18°12	29° 9	4°54	16° 2	26°25	26°30	15°22	15°24	16°35	7°44	6°25	9°39	18°12	F 29
S 30	9 6 39	18° 4'27	0♋33	0♓56	6° 5	16°31	26°39	26°35	15°25	15°26	16°37	7°45	6°22	9°46	18°17	S 30
S 31	9 10 36	19♒ 4'58	13♋12	2♓41	7♑16	17♏ 1	26♒54	26♈39	15♑28	15♐27	16♓38	7°R45	6♑19	9♉52	18♑22	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22s13	24n33	2n29	24s39	1s33	17s51	2n59	10s37	1n29	15s46	0s55	7n27	2s29	23s13	0s24	21s16	1n23	19s49	15s35	23s16	23s17	18n 0	16s34	6n 4
S 2	22 5	24 45	1 26	24 35	1 38	18 6	2 57	10 49	1 29	15 42	0 55	7 28	2 29	23 12	0 24	21 16	1 23	19 49	15 35	23 16	23 18	18 2	16 34	6 4
S 3	21 56	23 43	0 17	24 30	1 42	18 20	2 55	11 0	1 29	15 37	0 55	7 29	2 29	23 12	0 24	21 16	1 23	19 48	15 35	23 16	23 18	18 4	16 33	6 4
M 4	21 46	21 26	0s53	24 22	1 45	18 34	2 53	11 11	1 28	15 33	0 55	7 30	2 28	23 11	0 24	21 17	1 23	19 47	15 34	23 16	23 18	18 6	16 32	6 4
T 5	21 36	18 1	2 2	24 14	1 49	18 47	2 51	11 23	1 28	15 29	0 55	7 31	2 28	23 11	0 24	21 17	1 23	19 47	15 34	23 16	23 18	18 8	16 32	6 4
W 6	21 26	13 37	3 6	24 4	1 52	19 0	2 49	11 34	1 28	15 24	0 55	7 32	2 28	23 11	0 24	21 17	1 23	19 46	15 34	23 16	23 18	18 9	16 31	6 4
T 7	21 15	8 29	4 1	23 52	1 55	19 13	2 46	11 45	1 28	15 20	0 55	7 33	2 27	23 10	0 24	21 17	1 23	19 45	15 34	23 16	23 19	18 11	16 30	6 4
F 8	21 4	2 53	4 42	23 39	1 57	19 25	2 44	11 56	1 28	15 15	0 55	7 34	2 27	23 10	0 24	21 17	1 23	19 45	15 33	23 16	23 19	18 13	16 30	6 4
S 9	20 53	2s55	5 8	23 24	1 59	19 37	2 41	12 6	1 28	15 11	0 55	7 35	2 27	23 10	0 24	21 18	1 23	19 44	15 33	23 16	23 19	18 15	16 29	6 4
S 10	20 41	8 37	5 15	23 7	2 1	19 48	2 39	12 17	1 28	15 6	0 55	7 36	2 26	23 9	0 24	21 18	1 23	19 43	15 33	23 16	23 19	18 17	16 28	6 4
M11	20 28	13 55	5 4	22 49	2 2	19 59	2 36	12 28	1 28	15 2	0 55	7 37	2 26	23 9	0 24	21 18	1 23	19 43	15 33	23 17	23 19	18 19	16 27	6 4
T 12	20 16	18 29	4 34	22 29	2 3	20 10	2 33	12 38	1 27	14 57	0 55	7 39	2 26	23 9	0 24	21 18	1 23	19 42	15 32	23 17	23 19	18 20	16 27	6 5
W13	20 2	22 0	3 48	22 8	2 4	20 20	2 30	12 49	1 27	14 53	0 55	7 40	2 26	23 8	0 24	21 18	1 23	19 41	15 32	23 16	23 20	18 22	16 26	6 5
T 14	19 49	24 10	2 47	21 45	2 4	20 29	2 27	12 59	1 27	14 48	0 55	7 41	2 25	23 8	0 24	21 18	1 23	19 41	15 32	23 16	23 20	18 24	16 25	6 5
F 15	19 35	24 47	1 37	21 20	2 4	20 38	2 24	13 9	1 27	14 44	0 55	7 42	2 25	23 7	0 24	21 19	1 23	19 40	15 32	23 16	23 20	18 26	16 24	6 5
S 16	19 21	23 48	0 21	20 54	2 3	20 47	2 21	13 19	1 27	14 39	0 55	7 44	2 25	23 7	0 24	21 19	1 23	19 39	15 31	23 16	23 20	18 27	16 24	6 5
S 17	19 6	21 22	0n55	20 26	2 2	20 55	2 18	13 29	1 27	14 34	0 55	7 45	2 24	23 7	0 24	21 19	1 23	19 39	15 31	23 16	23 20	18 29	16 23	6 5
M18	18 51	17 44	2 7	19 56	2 0	21 3	2 15	13 39	1 26	14 30	0 55	7 46	2 24	23 6	0 24	21 19	1 23	19 38	15 31	23 16	23 21	18 31	16 22	6 5
T 19	18 36	13 15	3 10	19 24	1 58	21 10	2 12	13 49	1 26	14 25	0 55	7 48	2 24	23 6	0 24	21 19	1 23	19 37	15 31	23 17	23 21	18 33	16 21	6 6
W20	18 21	8 14	4 1	18 51	1 55	21 16	2 9	13 59	1 26	14 20	0 55	7 49	2 24	23 6	0 24	21 19	1 23	19 37	15 31	23 17	23 21	18 35	16 20	6 6
T 21	18 5	2 58	4 39	18 17	1 52	21 22	2 5	14 8	1 26	14 16	0 55	7 51	2 23	23 5	0 24	21 19	1 23	19 36	15 30	23 17	23 21	18 36	16 19	6 6
F 22	17 49	2n16	5 3	17 41	1 48	21 27	2 2	14 18	1 26	14 11	0 55	7 52	2 23	23 5	0 24	21 20	1 23	19 35	15 30	23 18	23 21	18 38	16 19	6 6
S 23	17 32	7 19	5 12	17 3	1 43	21 32	1 58	14 27	1 25	14 6	0 55	7 54	2 23	23 5	0 24	21 20	1 23	19 35	15 30	23 18	23 21	18 40	16 18	6 6
S 24	17 15	12 0	5 6	16 24	1 38	21 37	1 55	14 37	1 25	14 1	0 55	7 56	2 23	23 4	0 24	21 20	1 23	19 34	15 30	23 18	23 21	18 42	16 17	6 7
M25	16 58	16 9	4 48	15 43	1 32	21 40	1 51	14 46	1 25	13 56	0 55	7 57	2 22	23 4	0 24	21 20	1 24	19 33	15 30	23 18	23 22	18 43	16 16	6 7
T 26	16 41	19 40	4 17	15 1	1 26	21 43	1 48	14 55	1 25	13 52	0 55	7 59	2 22	23 4	0 24	21 20	1 24	19 33	15 29	23 18	23 22	18 45	16 15	6 7
W27	16 23	22 21	3 35	14 17	1 19	21 46	1 44	15 4	1 24	13 47	0 55	8 1	2 22	23 3	0 24	21 20	1 24	19 32	15 29	23 18	23 22	18 47	16 14	6 7
T 28	16 5	24 6	2 44	13 33	1 11	21 48	1 41	15 13	1 24	13 42	0 55	8 2	2 21	23 3	0 24	21 20	1 24	19 31	15 29	23 18	23 22	18 48	16 13	6 8
F 29	15 47	24 44	1 44	12 47	1 3	21 49	1 37	15 22	1 24	13 37	0 55	8 4	2 21	23 3	0 24	21 20	1 24	19 31	15 29	23 18	23 22	18 50	16 13	6 8
S 30	15 28	24 11	0 39	12 1	0 54	21 50	1 33	15 30	1 23	13 32	0 55	8 6	2 21	23 2	0 24	21 20	1 24	19 30	15 29	23 18	23 22	18 52	16 12	6 8
S 31	15s 9	22n23	0s29	11s14	0s44	21s50	1n30	15s39	1n23	13s27	0s55	8n 8	2s21	23s 2	0s24	21s21	1n24	19s29	15s29	23s18	23s23	18n54	16s11	6n 8

Julian Day Number = 2203918.5, Delta T = 09m51s
Ecliptic obliquity = 23°31'39, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°17'02, Lahiri = 14°24'03 Julian Calendar 1 Jan. 1322 == Greg. Calendar 9 Jan. 1322

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ASTRODIENST EPHEMERIS for the year 1322
geocentric

FEBRUARY 1322 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	9 14 32	20♒ 5'28	26♋11	4♓25	8♑26	17♏30	27♒ 8	26♈44	15♑31	15♐28	16♓40	7°R44	6♑15	9♉59	18♑27	M 1
T 2	9 18 29	21° 5'56	9♌32	6° 7	9°37	17°58	27°23	26°48	15°34	15°29	16°41	7♑40	6°12	10° 6	18°32	T 2
W 3	9 22 26	22° 6'22	23°14	7°46	10°48	18°27	27°37	26°53	15°37	15°31	16°42	7°34	6° 9	10°13	18°36	W 3
T 4	9 26 22	23° 6'47	7♍15	9°21	11°59	18°55	27°52	26°58	15°40	15°32	16°44	7°27	6° 6	10°19	18°41	T 4
F 5	9 30 19	24° 7'10	21°29	10°53	13°10	19°24	28° 6	27° 2	15°43	15°33	16°45	7°20	6° 3	10°26	18°46	F 5
S 6	9 34 15	25° 7'31	5♎51	12°21	14°21	19°52	28°20	27° 7	15°46	15°34	16°47	7°12	6° 0	10°33	18°50	S 6
S 7	9 38 12	26° 7'51	20°15	13°43	15°32	20°20	28°35	27°12	15°49	15°35	16°48	7° 6	5°56	10°39	18°55	S 7
M 8	9 42 8	27° 8'09	4♏37	15° 0	16°43	20°47	28°49	27°17	15°52	15°36	16°49	7° 1	5°53	10°46	19° 0	M 8
T 9	9 46 5	28° 8'26	18°52	16°11	17°55	21°15	29° 4	27°22	15°55	15°37	16°51	6°59	5°50	10°53	19° 4	T 9
W10	9 50 1	29° 8'42	2♐59	17°14	19° 6	21°42	29°18	27°28	15°58	15°38	16°52	6°D59	5°47	10°59	19° 9	W10
T 11	9 53 58	0♓ 8'56	16°56	18°11	20°17	22° 9	29°33	27°33	16° 0	15°39	16°54	7° 0	5°44	11° 6	19°13	T 11
F 12	9 57 55	1° 9'08	0♑43	18°59	21°29	22°36	29°47	27°38	16° 3	15°40	16°55	7°R 1	5°41	11°13	19°18	F 12
S 13	10 1 51	2° 9'19	14°19	19°39	22°40	23° 3	0♓ 2	27°44	16° 6	15°41	16°57	7° 0	5°37	11°20	19°22	S 13
S 14	10 5 48	3° 9'28	27°46	20°10	23°52	23°29	0°16	27°49	16° 9	15°41	16°58	6°58	5°34	11°26	19°26	S 14
M15	10 9 44	4° 9'36	11♒ 3	20°33	25° 3	23°55	0°31	27°55	16°11	15°42	17° 0	6°54	5°31	11°33	19°31	M15
T 16	10 13 41	5° 9'42	24° 8	20°46	26°15	24°21	0°45	28° 0	16°14	15°43	17° 1	6°47	5°28	11°40	19°35	T 16
W17	10 17 37	6° 9'45	7♓ 1	20°R50	27°27	24°47	0°59	28° 6	16°16	15°44	17° 3	6°37	5°25	11°46	19°39	W17
T 18	10 21 34	7° 9'47	19°41	20°44	28°38	25°12	1°14	28°12	16°19	15°44	17° 4	6°26	5°21	11°53	19°43	T 18
F 19	10 25 30	8° 9'47	2♈ 8	20°30	29°50	25°37	1°28	28°18	16°22	15°45	17° 6	6°14	5°18	12° 0	19°47	F 19
S 20	10 29 27	9° 9'45	14°23	20° 7	1♒ 2	26° 2	1°43	28°24	16°24	15°46	17° 7	6° 3	5°15	12° 6	19°51	S 20
S 21	10 33 24	10° 9'41	26°27	19°37	2°14	26°27	1°57	28°30	16°27	15°46	17° 9	5°53	5°12	12°13	19°55	S 21
M22	10 37 20	11° 9'34	8♉22	19° 0	3°26	26°51	2°12	28°36	16°29	15°47	17°10	5°46	5° 9	12°20	19°59	M22
T 23	10 41 17	12° 9'26	20°12	18°16	4°38	27°15	2°26	28°42	16°31	15°47	17°12	5°41	5° 6	12°26	20° 3	T 23
W24	10 45 13	13° 9'15	2♊ 2	17°28	5°50	27°39	2°40	28°48	16°34	15°48	17°14	5°38	5° 2	12°33	20° 7	W24
T 25	10 49 10	14° 9'02	13°56	16°35	7° 2	28° 2	2°55	28°54	16°36	15°48	17°15	5°D37	4°59	12°40	20°11	T 25
F 26	10 53 6	15° 8'46	26° 0	15°40	8°14	28°26	3° 9	29° 1	16°38	15°49	17°17	5°38	4°56	12°47	20°14	F 26
S 27	10 57 3	16° 8'29	8♋19	14°44	9°26	28°48	3°23	29° 7	16°40	15°49	17°18	5°R38	4°53	12°53	20°18	S 27
S 28	11 0 59	17♓ 8'09	20♋58	13♓47	10♒38	29♏11	3♓37	29♈13	16♑43	15♐50	17♓20	5♑37	4♑50	13♉ 0	20♑22	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	14s50	19n23	1s38	10s26	0s33	21s50	1n26	15s47	1n23	13s22	0s55	8n10	2s20	23s 1	0s24	21s21	1n24	19s29	15s28	23s18	23s23	18n55	16s10	6n 8
T 2	14 31	15 18	2 43	9 38	0 22	21 48	1 22	15 56	1 22	13 17	0 55	8 11	2 20	23 1	0 24	21 21	1 24	19 28	15 28	23 18	23 23	18 57	16 9	6 9
W 3	14 12	10 21	3 41	8 51	0 10	21 47	1 19	16 4	1 22	13 12	0 55	8 13	2 20	23 1	0 24	21 21	1 24	19 27	15 28	23 19	23 23	18 59	16 8	6 9
T 4	13 52	4 46	4 26	8 3	0n 3	21 44	1 15	16 12	1 22	13 7	0 55	8 15	2 20	23 0	0 24	21 21	1 24	19 27	15 28	23 19	23 23	19 0	16 7	6 9
F 5	13 32	1s 8	4 56	7 16	0 16	21 42	1 11	16 20	1 21	13 2	0 55	8 17	2 19	23 0	0 24	21 21	1 24	19 26	15 28	23 19	23 23	19 2	16 6	6 10
S 6	13 12	7 2	5 7	6 30	0 29	21 38	1 7	16 28	1 21	12 58	0 55	8 19	2 19	23 0	0 24	21 21	1 24	19 25	15 28	23 20	23 23	19 4	16 5	6 10
S 7	12 51	12 33	4 59	5 45	0 43	21 34	1 4	16 36	1 20	12 53	0 55	8 21	2 19	23 0	0 24	21 21	1 24	19 24	15 28	23 20	23 24	19 5	16 5	6 10
M 8	12 31	17 23	4 33	5 2	0 58	21 29	1 0	16 44	1 20	12 48	0 55	8 23	2 19	22 59	0 24	21 21	1 24	19 24	15 28	23 20	23 24	19 7	16 4	6 10
T 9	12 10	21 10	3 49	4 22	1 13	21 24	0 56	16 52	1 20	12 42	0 55	8 25	2 18	22 59	0 25	21 21	1 24	19 23	15 28	23 21	23 24	19 9	16 3	6 11
W10	11 49	23 39	2 52	3 43	1 27	21 18	0 52	16 59	1 19	12 37	0 56	8 27	2 18	22 59	0 25	21 21	1 24	19 22	15 27	23 21	23 24	19 10	16 2	6 11
T 11	11 28	24 38	1 46	3 7	1 42	21 11	0 49	17 6	1 19	12 32	0 56	8 30	2 18	22 58	0 25	21 21	1 24	19 22	15 27	23 21	23 24	19 12	16 1	6 11
F 12	11 6	24 5	0 34	2 35	1 57	21 4	0 45	17 14	1 18	12 27	0 56	8 32	2 18	22 58	0 25	21 21	1 24	19 21	15 27	23 20	23 24	19 14	16 0	6 12
S 13	10 45	22 6	0n39	2 6	2 11	20 56	0 41	17 21	1 18	12 22	0 56	8 34	2 18	22 58	0 25	21 22	1 24	19 20	15 27	23 20	23 24	19 15	15 59	6 12
S 14	10 23	18 54	1 49	1 41	2 25	20 48	0 38	17 28	1 17	12 17	0 56	8 36	2 17	22 57	0 25	21 22	1 24	19 20	15 27	23 21	23 25	19 17	15 58	6 12
M15	10 1	14 46	2 52	1 20	2 38	20 39	0 34	17 35	1 17	12 12	0 56	8 38	2 17	22 57	0 25	21 22	1 24	19 19	15 27	23 21	23 25	19 19	15 57	6 13
T 16	9 39	10 0	3 44	1 3	2 51	20 29	0 30	17 42	1 16	12 7	0 56	8 40	2 17	22 57	0 25	21 22	1 24	19 19	15 27	23 21	23 25	19 20	15 56	6 13
W17	9 17	4 53	4 24	0 51	3 2	20 19	0 27	17 49	1 15	12 2	0 56	8 43	2 17	22 56	0 25	21 22	1 24	19 18	15 27	23 22	23 25	19 22	15 55	6 13
T 18	8 55	0n21	4 51	0 44	3 13	20 8	0 23	17 55	1 15	11 57	0 56	8 45	2 16	22 56	0 25	21 22	1 24	19 17	15 27	23 22	23 25	19 23	15 54	6 14
F 19	8 32	5 28	5 2	0 41	3 22	19 57	0 19	18 2	1 14	11 52	0 56	8 47	2 16	22 56	0 25	21 22	1 24	19 17	15 27	23 23	23 25	19 25	15 53	6 14
S 20	8 10	10 18	5 0	0 43	3 29	19 45	0 16	18 9	1 14	11 47	0 56	8 49	2 16	22 56	0 25	21 22	1 24	19 16	15 27	23 23	23 25	19 27	15 52	6 15
S 21	7 47	14 39	4 44	0 50	3 35	19 32	0 12	18 15	1 13	11 42	0 56	8 52	2 16	22 55	0 25	21 22	1 25	19 15	15 27	23 24	23 26	19 28	15 52	6 15
M22	7 24	18 23	4 16	1 1	3 39	19 19	0 9	18 21	1 12	11 36	0 56	8 54	2 16	22 55	0 25	21 22	1 25	19 15	15 27	23 24	23 26	19 30	15 51	6 15
T 23	7 2	21 21	3 37	1 16	3 40	19 5	0 5	18 27	1 12	11 31	0 56	8 56	2 15	22 55	0 25	21 22	1 25	19 14	15 27	23 24	23 26	19 31	15 50	6 16
W24	6 39	23 24	2 49	1 35	3 40	18 51	0 2	18 33	1 11	11 26	0 56	8 59	2 15	22 54	0 25	21 22	1 25	19 13	15 27	23 24	23 26	19 33	15 49	6 16
T 25	6 16	24 25	1 53	1 58	3 38	18 37	0s 2	18 39	1 10	11 21	0 57	9 1	2 15	22 54	0 25	21 22	1 25	19 13	15 27	23 24	23 26	19 34	15 48	6 16
F 26	5 52	24 19	0 51	2 23	3 34	18 21	0 5	18 45	1 9	11 16	0 57	9 4	2 15	22 54	0 25	21 22	1 25	19 12	15 27	23 24	23 26	19 36	15 47	6 17
S 27	5 29	23 2	0s14	2 50	3 28	18 6	0 8	18 51	1 9	11 11	0 57	9 6	2 15	22 54	0 25	21 22	1 25	19 12	15 27	23 24	23 26	19 38	15 46	6 17
S 28	5s 6	20n34	1s21	3s19	3n21	17s49	0s12	18s57	1n 8	11s 6	0s57	9n 8	2s15	22s53	0s25	21s22	1n25	19s11	15s27	23s24	23s26	19n39	15s45	6n18

Julian Day Number = 2203949.5, Delta T = 09m50s
Ecliptic obliquity = 23°31'39, Nutation = 0°00'19, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°17'07, Lahiri = 14°24'07 Julian Calendar 1 Feb. 1322 == Greg. Calendar 9 Feb. 1322

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ASTRODIENST EPHEMERIS for the year 1322
geocentric

MARCH 1322 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	11 4 56	18♓ 7'47	4♌ 1	12°R52	11♒50	29♏33	3♓52	29♈20	16♑45	15♐50	17♓21	5°R34	4♑47	13♉ 7	20♑25	M 1
T 2	11 8 53	19° 7'22	17°31	11♓58	13° 2	29°55	4° 6	29°26	16°47	15°50	17°23	5♑28	4°43	13°13	20°29	T 2
W 3	11 12 49	20° 6'55	1♍28	11° 8	14°14	0♐17	4°20	29°33	16°49	15°51	17°24	5°20	4°40	13°20	20°32	W 3
T 4	11 16 46	21° 6'26	15°49	10°22	15°26	0°38	4°34	29°40	16°51	15°51	17°26	5°10	4°37	13°27	20°36	T 4
F 5	11 20 42	22° 5'55	0♎28	9°40	16°39	0°59	4°48	29°46	16°53	15°51	17°27	4°58	4°34	13°33	20°39	F 5
S 6	11 24 39	23° 5'22	15°17	9° 3	17°51	1°19	5° 3	29°53	16°55	15°51	17°29	4°47	4°31	13°40	20°42	S 6
S 7	11 28 35	24° 4'47	0♏ 8	8°32	19° 3	1°39	5°17	29°59	16°57	15°51	17°30	4°38	4°27	13°47	20°45	S 7
M 8	11 32 32	25° 4'10	14°53	8° 7	20°15	1°59	5°31	0♉ 6	16°59	15°51	17°32	4°30	4°24	13°53	20°49	M 8
T 9	11 36 28	26° 3'32	29°25	7°48	21°28	2°19	5°45	0°13	17° 0	15°51	17°33	4°26	4°21	14° 0	20°52	T 9
W10	11 40 25	27° 2'51	13♐41	7°34	22°40	2°38	5°59	0°20	17° 2	15°51	17°35	4°24	4°18	14° 7	20°55	W10
T 11	11 44 21	28° 2'09	27°38	7°27	23°53	2°56	6°13	0°27	17° 4	15°R51	17°36	4°24	4°15	14°14	20°58	T 11
F 12	11 48 18	29° 1'25	11♑18	7°D25	25° 5	3°14	6°27	0°34	17° 5	15°51	17°38	4°23	4°12	14°20	21° 1	F 12
S 13	11 52 15	0♈ 0'40	24°41	7°29	26°17	3°32	6°40	0°41	17° 7	15°51	17°39	4°22	4° 8	14°27	21° 3	S 13
S 14	11 56 11	0°59'52	7♒50	7°38	27°30	3°49	6°54	0°48	17° 9	15°51	17°41	4°19	4° 5	14°34	21° 6	S 14
M15	12 0 8	1°59'02	20°46	7°52	28°42	4° 6	7° 8	0°55	17°10	15°51	17°42	4°13	4° 2	14°40	21° 9	M15
T 16	12 4 4	2°58'11	3♓30	8°12	29°55	4°23	7°22	1° 3	17°12	15°51	17°44	4° 4	3°59	14°47	21°11	T 16
W17	12 8 1	3°57'18	16° 4	8°36	1♓ 8	4°39	7°36	1°10	17°13	15°51	17°45	3°53	3°56	14°54	21°14	W17
T 18	12 11 57	4°56'22	28°28	9° 5	2°20	4°54	7°49	1°17	17°14	15°51	17°47	3°39	3°52	15° 0	21°16	T 18
F 19	12 15 54	5°55'25	10♈43	9°38	3°33	5° 9	8° 3	1°24	17°16	15°50	17°48	3°25	3°49	15° 7	21°19	F 19
S 20	12 19 50	6°54'25	22°49	10°15	4°45	5°23	8°16	1°32	17°17	15°50	17°50	3°11	3°46	15°14	21°21	S 20
S 21	12 23 47	7°53'24	4♉47	10°56	5°58	5°37	8°30	1°39	17°18	15°50	17°51	2°59	3°43	15°20	21°24	S 21
M22	12 27 44	8°52'20	16°39	11°41	7°10	5°51	8°43	1°46	17°19	15°49	17°53	2°49	3°40	15°27	21°26	M22
T 23	12 31 40	9°51'14	28°28	12°29	8°23	6° 4	8°57	1°54	17°21	15°49	17°54	2°42	3°37	15°34	21°28	T 23
W24	12 35 37	10°50'06	10♊16	13°21	9°36	6°16	9°10	2° 1	17°22	15°48	17°56	2°38	3°33	15°40	21°30	W24
T 25	12 39 33	11°48'56	22° 9	14°15	10°48	6°28	9°24	2° 8	17°23	15°48	17°57	2°37	3°30	15°47	21°32	T 25
F 26	12 43 30	12°47'43	4♋11	15°13	12° 1	6°39	9°37	2°16	17°24	15°47	17°59	2°D36	3°27	15°54	21°34	F 26
S 27	12 47 26	13°46'28	16°27	16°13	13°14	6°50	9°50	2°23	17°25	15°47	18° 0	2°R36	3°24	16° 1	21°36	S 27
S 28	12 51 23	14°45'11	29° 3	17°16	14°26	7° 0	10° 3	2°31	17°26	15°46	18° 1	2°36	3°21	16° 7	21°38	S 28
M29	12 55 19	15°43'51	12♌ 4	18°22	15°39	7° 9	10°16	2°38	17°26	15°46	18° 3	2°33	3°18	16°14	21°39	M29
T 30	12 59 16	16°42'29	25°32	19°30	16°52	7°18	10°29	2°46	17°27	15°45	18° 4	2°28	3°14	16°21	21°41	T 30
W31	13 3 13	17♈41'05	9♍31	20♓41	18♓ 4	7♐26	10♓42	2♉54	17♑28	15♐45	18♓ 5	2♑21	3♑11	16♉27	21♑42	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	4s43	16n59	2s25	3s49	3n11	17s32	0s15	19s 2	1n 7	11s 1	0s57	9n11	2s14	22s53	0s25	21s22	1n25	19s10	15s27	23s25	23s26	19n41	15s44	6n18
T 2	4 19	12 25	3 23	4 19	3 1	17 15	0 18	19 8	1 6	10 56	0 57	9 13	2 14	22 53	0 25	21 22	1 25	19 10	15 27	23 25	23 27	19 42	15 43	6 19
W 3	3 56	7 5	4 11	4 49	2 49	16 57	0 21	19 13	1 5	10 50	0 57	9 16	2 14	22 53	0 25	21 22	1 25	19 9	15 27	23 25	23 27	19 44	15 42	6 19
T 4	3 32	1 15	4 44	5 19	2 35	16 39	0 24	19 18	1 4	10 45	0 57	9 18	2 14	22 53	0 25	21 22	1 25	19 9	15 27	23 26	23 27	19 45	15 41	6 19
F 5	3 9	4s46	5 0	5 47	2 22	16 20	0 27	19 24	1 4	10 40	0 57	9 21	2 14	22 52	0 25	21 22	1 25	19 8	15 27	23 26	23 27	19 47	15 40	6 20
S 6	2 45	10 35	4 56	6 15	2 7	16 1	0 30	19 29	1 3	10 35	0 57	9 23	2 14	22 52	0 25	21 22	1 25	19 8	15 27	23 26	23 27	19 48	15 40	6 20
S 7	2 22	15 48	4 32	6 40	1 52	15 42	0 33	19 34	1 2	10 30	0 57	9 26	2 13	22 52	0 25	21 22	1 25	19 7	15 27	23 27	23 27	19 50	15 39	6 21
M 8	1 58	20 1	3 50	7 4	1 37	15 22	0 36	19 39	1 1	10 25	0 58	9 28	2 13	22 52	0 25	21 22	1 25	19 6	15 27	23 27	23 27	19 51	15 38	6 21
T 9	1 34	22 55	2 54	7 25	1 21	15 1	0 39	19 44	1 0	10 20	0 58	9 31	2 13	22 51	0 25	21 22	1 25	19 6	15 27	23 27	23 27	19 53	15 37	6 22
W10	1 11	24 18	1 47	7 44	1 6	14 40	0 42	19 48	0 59	10 15	0 58	9 33	2 13	22 51	0 25	21 22	1 25	19 5	15 27	23 27	23 27	19 54	15 36	6 22
T 11	0 47	24 6	0 36	8 1	0 51	14 19	0 45	19 53	0 57	10 10	0 58	9 36	2 13	22 51	0 25	21 22	1 25	19 5	15 27	23 27	23 28	19 56	15 35	6 23
F 12	0 23	22 26	0n36	8 16	0 36	13 57	0 47	19 58	0 56	10 5	0 58	9 39	2 13	22 51	0 25	21 22	1 25	19 4	15 27	23 27	23 28	19 57	15 34	6 23
S 13	0n 0	19 33	1 45	8 28	0 22	13 35	0 50	20 2	0 55	10 0	0 58	9 41	2 12	22 51	0 25	21 22	1 25	19 4	15 27	23 27	23 28	19 59	15 33	6 23
S 14	0 24	15 42	2 47	8 37	0 7	13 12	0 52	20 7	0 54	9 55	0 58	9 44	2 12	22 51	0 25	21 21	1 25	19 3	15 27	23 27	23 28	20 0	15 32	6 24
M15	0 48	11 10	3 39	8 45	0s 6	12 49	0 55	20 11	0 53	9 50	0 58	9 46	2 12	22 50	0 25	21 21	1 25	19 3	15 28	23 28	23 28	20 2	15 32	6 24
T 16	1 11	6 14	4 19	8 50	0 20	12 26	0 57	20 15	0 52	9 45	0 58	9 49	2 12	22 50	0 25	21 21	1 25	19 2	15 28	23 28	23 28	20 3	15 31	6 25
W17	1 35	1 8	4 46	8 52	0 32	12 3	1 0	20 19	0 50	9 39	0 59	9 52	2 12	22 50	0 25	21 21	1 25	19 2	15 28	23 28	23 28	20 5	15 30	6 25
T 18	1 58	3n57	4 58	8 53	0 44	11 39	1 2	20 23	0 49	9 34	0 59	9 54	2 12	22 50	0 25	21 21	1 26	19 1	15 28	23 29	23 28	20 6	15 29	6 26
F 19	2 22	8 49	4 57	8 51	0 56	11 15	1 4	20 27	0 48	9 29	0 59	9 57	2 12	22 50	0 25	21 21	1 26	19 1	15 28	23 29	23 28	20 8	15 28	6 26
S 20	2 45	13 16	4 43	8 47	1 7	10 50	1 6	20 31	0 46	9 24	0 59	9 59	2 12	22 50	0 26	21 21	1 26	19 0	15 28	23 29	23 28	20 9	15 27	6 27
S 21	3 8	17 10	4 15	8 41	1 17	10 25	1 9	20 35	0 45	9 20	0 59	10 2	2 11	22 50	0 26	21 21	1 26	19 0	15 28	23 30	23 29	20 10	15 26	6 27
M22	3 32	20 21	3 37	8 33	1 27	10 0	1 11	20 39	0 43	9 15	0 59	10 5	2 11	22 49	0 26	21 21	1 26	18 59	15 28	23 30	23 29	20 12	15 26	6 28
T 23	3 55	22 39	2 50	8 23	1 36	9 35	1 13	20 43	0 42	9 10	0 59	10 7	2 11	22 49	0 26	21 21	1 26	18 59	15 29	23 30	23 29	20 13	15 25	6 28
W24	4 18	23 58	1 55	8 11	1 45	9 9	1 14	20 46	0 40	9 5	0 59	10 10	2 11	22 49	0 26	21 21	1 26	18 58	15 29	23 30	23 29	20 15	15 24	6 29
T 25	4 41	24 13	0 55	7 57	1 52	8 43	1 16	20 50	0 39	9 0	1 0	10 13	2 11	22 49	0 26	21 21	1 26	18 58	15 29	23 30	23 29	20 16	15 23	6 29
F 26	5 4	23 19	0s 8	7 41	2 0	8 17	1 18	20 54	0 37	8 55	1 0	10 15	2 11	22 49	0 26	21 21	1 26	18 58	15 29	23 30	23 29	20 18	15 22	6 30
S 27	5 27	21 18	1 13	7 24	2 7	7 50	1 20	20 57	0 35	8 50	1 0	10 18	2 11	22 49	0 26	21 21	1 26	18 57	15 29	23 30	23 29	20 19	15 22	6 30
S 28	5 50	18 13	2 15	7 5	2 13	7 24	1 21	21 0	0 34	8 45	1 0	10 21	2 11	22 49	0 26	21 20	1 26	18 57	15 29	23 30	23 29	20 20	15 21	6 31
M29	6 13	14 9	3 13	6 44	2 18	6 57	1 23	21 4	0 32	8 40	1 0	10 23	2 11	22 49	0 26	21 20	1 26	18 56	15 29	23 30	23 29	20 22	15 20	6 31
T 30	6 35	9 15	4 2	6 22	2 23	6 30	1 24	21 7	0 30	8 35	1 0	10 26	2 11	22 49	0 26	21 20	1 26	18 56	15 30	23 30	23 29	20 23	15 19	6 32
W31	6n58	3n44	4s38	5s58	2s28	6s 3	1s26	21s10	0n28	8s31	1s 0	10n29	2s10	22s49	0s26	21s20	1n26	18s56	15s30	23s30	23s29	20n25	15s19	6n32

Julian Day Number = 2203977.5, Delta T = 09m50s
Ecliptic obliquity = 23°31'40, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°17'10, Lahiri = 14°24'11 Julian Calendar 1 March 1322 == Greg. Calendar 9 March 1322

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ASTRODIENST EPHEMERIS for the year 1322
geocentric

APRIL 1322 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	13 7 9	18♈39'39	23♍58	21♓54	19♓17	7♐34	10♓55	3♉ 1	17♑29	15°R44	18♓ 7	2°R12	3♑ 8	16♉34	21♑44	T 1
F 2	13 11 6	19°38'10	8♎48	23° 9	20°30	7°41	11° 8	3° 9	17°29	15♐43	18° 8	2♑ 1	3° 5	16°41	21°45	F 2
S 3	13 15 2	20°36'40	23°54	24°27	21°43	7°48	11°21	3°16	17°30	15°42	18°10	1°51	3° 2	16°47	21°47	S 3
S 4	13 18 59	21°35'08	9♏ 5	25°46	22°55	7°53	11°34	3°24	17°30	15°42	18°11	1°42	2°58	16°54	21°48	S 4
M 5	13 22 55	22°33'34	24°11	27° 8	24° 8	7°58	11°46	3°32	17°31	15°41	18°12	1°35	2°55	17° 1	21°49	M 5
T 6	13 26 52	23°31'58	9♐ 3	28°31	25°21	8° 3	11°59	3°39	17°31	15°40	18°13	1°31	2°52	17° 7	21°50	T 6
W 7	13 30 48	24°30'21	23°34	29°57	26°34	8° 7	12°11	3°47	17°32	15°39	18°15	1°29	2°49	17°14	21°51	W 7
T 8	13 34 45	25°28'42	7♑42	1♈25	27°46	8°10	12°24	3°55	17°32	15°38	18°16	1°D29	2°46	17°21	21°52	T 8
F 9	13 38 42	26°27'01	21°27	2°54	28°59	8°12	12°36	4° 3	17°32	15°38	18°17	1°R29	2°43	17°27	21°53	F 9
S 10	13 42 38	27°25'19	4♒49	4°25	0♈12	8°13	12°48	4°10	17°33	15°37	18°19	1°29	2°39	17°34	21°54	S 10
S 11	13 46 35	28°23'36	17°51	5°58	1°25	8°14	13° 1	4°18	17°33	15°36	18°20	1°27	2°36	17°41	21°55	S 11
M12	13 50 31	29°21'50	0♓36	7°34	2°38	8°R14	13°13	4°26	17°33	15°35	18°21	1°23	2°33	17°48	21°56	M12
T 13	13 54 28	0♉20'04	13° 7	9°11	3°51	8°14	13°25	4°34	17°33	15°34	18°22	1°17	2°30	17°54	21°56	T 13
W14	13 58 24	1°18'15	25°27	10°49	5° 3	8°12	13°37	4°41	17°R33	15°33	18°23	1° 8	2°27	18° 1	21°57	W14
T 15	14 2 21	2°16'25	7♈38	12°30	6°16	8°10	13°49	4°49	17°33	15°32	18°25	0°58	2°24	18° 8	21°57	T 15
F 16	14 6 17	3°14'33	19°41	14°12	7°29	8° 7	14° 1	4°57	17°33	15°31	18°26	0°47	2°20	18°14	21°57	F 16
S 17	14 10 14	4°12'40	1♉38	15°57	8°42	8° 3	14°12	5° 5	17°33	15°29	18°27	0°36	2°17	18°21	21°58	S 17
S 18	14 14 10	5°10'45	13°31	17°43	9°55	7°59	14°24	5°12	17°33	15°28	18°28	0°26	2°14	18°28	21°58	S 18
M19	14 18 7	6° 8'49	25°20	19°31	11° 8	7°54	14°36	5°20	17°32	15°27	18°29	0°19	2°11	18°34	21°58	M19
T 20	14 22 4	7° 6'50	7♊ 8	21°21	12°21	7°48	14°47	5°28	17°32	15°26	18°30	0°14	2° 8	18°41	21°R58	T 20
W21	14 26 0	8° 4'50	18°58	23°13	13°34	7°41	14°58	5°36	17°32	15°25	18°31	0°11	2° 4	18°48	21°58	W21
T 22	14 29 57	9° 2'48	0♋53	25° 6	14°47	7°33	15°10	5°43	17°31	15°24	18°32	0°D10	2° 1	18°54	21°58	T 22
F 23	14 33 53	10° 0'45	12°56	27° 2	16° 0	7°25	15°21	5°51	17°31	15°22	18°33	0°11	1°58	19° 1	21°58	F 23
S 24	14 37 50	10°58'39	25°13	28°59	17°12	7°16	15°32	5°59	17°31	15°21	18°34	0°12	1°55	19° 8	21°58	S 24
S 25	14 41 46	11°56'32	7♌47	0♉58	18°25	7° 6	15°43	6° 7	17°30	15°20	18°35	0°R13	1°52	19°14	21°57	S 25
M26	14 45 43	12°54'23	20°44	2°59	19°38	6°56	15°54	6°15	17°30	15°19	18°36	0°13	1°49	19°21	21°57	M26
T 27	14 49 40	13°52'12	4♍ 7	5° 2	20°51	6°45	16° 5	6°22	17°29	15°17	18°37	0°11	1°45	19°28	21°57	T 27
W28	14 53 36	14°49'59	17°59	7° 6	22° 4	6°33	16°15	6°30	17°28	15°16	18°38	0° 7	1°42	19°34	21°56	W28
T 29	14 57 33	15°47'44	2♎20	9°12	23°17	6°20	16°26	6°38	17°28	15°15	18°39	0° 2	1°39	19°41	21°55	T 29
F 30	15 1 29	16♉45'28	17♎ 6	11♉19	24♈30	6♐ 7	16♓36	6♉45	17♑27	15♐13	18♓40	29♐56	1♑36	19♉48	21♑55	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	7n20	2s10	4s59	5s32	2s31	5s35	1s27	21s13	0n26	8s26	1s 1	10n31	2s10	22s49	0s26	21s20	1n26	18s55	15s30	23s31	23s29	20n26	15s18	6n33
F 2	7 43	8 5	5 0	5 5	2 35	5 8	1 28	21 16	0 24	8 21	1 1	10 34	2 10	22 48	0 26	21 20	1 26	18 55	15 30	23 31	23 29	20 27	15 17	6 34
S 3	8 5	13 38	4 40	4 37	2 37	4 40	1 29	21 19	0 22	8 16	1 1	10 37	2 10	22 48	0 26	21 20	1 26	18 55	15 30	23 31	23 30	20 29	15 16	6 34
S 4	8 27	18 22	4 1	4 7	2 39	4 12	1 31	21 22	0 20	8 12	1 1	10 39	2 10	22 48	0 26	21 20	1 26	18 54	15 31	23 31	23 30	20 30	15 16	6 35
M 5	8 49	21 52	3 4	3 36	2 41	3 44	1 32	21 25	0 18	8 7	1 1	10 42	2 10	22 48	0 26	21 20	1 26	18 54	15 31	23 31	23 30	20 31	15 15	6 35
T 6	9 10	23 48	1 56	3 4	2 42	3 16	1 32	21 28	0 16	8 2	1 1	10 45	2 10	22 48	0 26	21 19	1 26	18 54	15 31	23 31	23 30	20 33	15 14	6 36
W 7	9 32	24 4	0 42	2 30	2 42	2 48	1 33	21 31	0 14	7 58	1 2	10 47	2 10	22 48	0 26	21 19	1 26	18 53	15 31	23 31	23 30	20 34	15 14	6 36
T 8	9 53	22 45	0n33	1 55	2 42	2 20	1 34	21 33	0 12	7 53	1 2	10 50	2 10	22 48	0 26	21 19	1 26	18 53	15 31	23 31	23 30	20 35	15 13	6 37
F 9	10 15	20 6	1 44	1 18	2 41	1 51	1 35	21 36	0 9	7 48	1 2	10 53	2 10	22 48	0 26	21 19	1 26	18 53	15 32	23 31	23 30	20 37	15 12	6 37
S 10	10 36	16 25	2 48	0 41	2 40	1 23	1 35	21 39	0 7	7 44	1 2	10 55	2 10	22 48	0 26	21 19	1 26	18 52	15 32	23 31	23 30	20 38	15 12	6 38
S 11	10 57	12 2	3 41	0 2	2 38	0 54	1 36	21 41	0 5	7 39	1 2	10 58	2 10	22 48	0 26	21 19	1 26	18 52	15 32	23 31	23 30	20 39	15 11	6 38
M12	11 17	7 13	4 22	0n38	2 36	0 26	1 37	21 44	0 2	7 35	1 2	11 1	2 10	22 48	0 26	21 19	1 26	18 52	15 32	23 31	23 30	20 41	15 10	6 39
T 13	11 38	2 12	4 49	1 19	2 33	0n 3	1 37	21 46	0s 0	7 30	1 3	11 3	2 10	22 48	0 26	21 19	1 26	18 52	15 33	23 31	23 30	20 42	15 10	6 39
W14	11 58	2n49	5 3	2 1	2 29	0 32	1 37	21 48	0 3	7 26	1 3	11 6	2 10	22 48	0 26	21 18	1 26	18 51	15 33	23 31	23 30	20 43	15 9	6 40
T 15	12 18	7 39	5 2	2 44	2 25	1 0	1 38	21 50	0 6	7 21	1 3	11 9	2 9	22 48	0 26	21 18	1 26	18 51	15 33	23 31	23 30	20 45	15 8	6 40
F 16	12 38	12 10	4 48	3 28	2 21	1 29	1 38	21 53	0 8	7 17	1 3	11 11	2 9	22 48	0 26	21 18	1 27	18 51	15 33	23 32	23 30	20 46	15 8	6 41
S 17	12 58	16 10	4 21	4 13	2 16	1 58	1 38	21 55	0 11	7 13	1 3	11 14	2 9	22 48	0 26	21 18	1 27	18 51	15 34	23 32	23 30	20 47	15 7	6 41
S 18	13 18	19 30	3 43	4 58	2 10	2 27	1 38	21 57	0 14	7 8	1 4	11 16	2 9	22 48	0 26	21 18	1 27	18 50	15 34	23 32	23 31	20 48	15 7	6 42
M19	13 37	22 1	2 56	5 45	2 4	2 55	1 38	21 59	0 17	7 4	1 4	11 19	2 9	22 49	0 26	21 18	1 27	18 50	15 34	23 32	23 31	20 50	15 6	6 43
T 20	13 56	23 34	2 1	6 32	1 58	3 24	1 38	22 1	0 19	7 0	1 4	11 22	2 9	22 49	0 26	21 18	1 27	18 50	15 35	23 32	23 31	20 51	15 6	6 43
W21	14 15	24 4	1 0	7 21	1 51	3 52	1 38	22 2	0 22	6 56	1 4	11 24	2 9	22 49	0 26	21 17	1 27	18 50	15 35	23 32	23 31	20 52	15 5	6 44
T 22	14 34	23 28	0s 4	8 9	1 43	4 21	1 37	22 4	0 25	6 51	1 4	11 27	2 9	22 49	0 26	21 17	1 27	18 50	15 35	23 32	23 31	20 53	15 5	6 44
F 23	14 52	21 46	1 8	8 59	1 35	4 49	1 37	22 6	0 28	6 47	1 5	11 29	2 9	22 49	0 27	21 17	1 27	18 50	15 35	23 32	23 31	20 55	15 4	6 45
S 24	15 11	19 1	2 11	9 48	1 27	5 18	1 37	22 7	0 31	6 43	1 5	11 32	2 9	22 49	0 27	21 17	1 27	18 49	15 36	23 32	23 31	20 56	15 4	6 45
S 25	15 28	15 21	3 9	10 38	1 18	5 46	1 36	22 9	0 34	6 39	1 5	11 34	2 9	22 49	0 27	21 17	1 27	18 49	15 36	23 32	23 31	20 57	15 3	6 46
M26	15 46	10 51	3 59	11 29	1 9	6 14	1 36	22 10	0 38	6 35	1 5	11 37	2 9	22 49	0 27	21 17	1 27	18 49	15 36	23 32	23 31	20 58	15 3	6 46
T 27	16 4	5 43	4 38	12 19	0 59	6 42	1 35	22 11	0 41	6 31	1 5	11 40	2 9	22 49	0 27	21 16	1 27	18 49	15 37	23 32	23 31	21 0	15 2	6 47
W28	16 21	0 8	5 2	13 9	0 49	7 10	1 34	22 12	0 44	6 27	1 6	11 42	2 9	22 49	0 27	21 16	1 27	18 49	15 37	23 32	23 31	21 1	15 2	6 47
T 29	16 38	5s39	5 9	13 59	0 39	7 38	1 34	22 13	0 47	6 23	1 6	11 45	2 9	22 49	0 27	21 16	1 27	18 49	15 37	23 32	23 31	21 2	15 1	6 48
F 30	16n54	11s17	4s55	14n49	0s29	8n 5	1s33	22s14	0s51	6s19	1s 6	11n47	2s 9	22s50	0s27	21s16	1n27	18s49	15s37	23s32	23s31	21n 3	15s 1	6n48

Julian Day Number = 2204008.5, Delta T = 09m50s
Ecliptic obliquity = 23°31'39, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°17'15, Lahiri = 14°24'15 Julian Calendar 1 Apr. 1322 == Greg. Calendar 9 Apr. 1322

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ASTRODIENST EPHEMERIS for the year 1322
geocentric

MAY 1322 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	15 5 26	17♉43'10	2♏11	13♉27	25♈43	5°R53	16♓47	6♉53	17°R26	15°R12	18♓41	29°R49	1♑33	19♉54	21°R54	S 1
S 2	15 9 22	18°40'51	17°27	15°37	26°56	5♐39	16°57	7° 1	17♑25	15♐11	18°42	29♐44	1°29	20° 1	21♑53	S 2
M 3	15 13 19	19°38'31	2♐42	17°47	28° 9	5°24	17° 7	7° 8	17°24	15° 9	18°43	29°40	1°26	20° 8	21°52	M 3
T 4	15 17 15	20°36'09	17°46	19°58	29°22	5° 8	17°17	7°16	17°23	15° 8	18°44	29°38	1°23	20°15	21°51	T 4
W 5	15 21 12	21°33'46	2♑31	22°10	0♉35	4°52	17°27	7°24	17°22	15° 6	18°45	29°D37	1°20	20°21	21°50	W 5
T 6	15 25 9	22°31'22	16°53	24°21	1°48	4°35	17°37	7°31	17°21	15° 5	18°45	29°38	1°17	20°28	21°49	T 6
F 7	15 29 5	23°28'57	0♒48	26°33	3° 1	4°18	17°47	7°39	17°20	15° 3	18°46	29°39	1°14	20°35	21°48	F 7
S 8	15 33 2	24°26'31	14°16	28°44	4°14	4° 0	17°56	7°46	17°19	15° 2	18°47	29°41	1°10	20°41	21°47	S 8
S 9	15 36 58	25°24'05	27°21	0♊54	5°27	3°42	18° 6	7°54	17°18	15° 0	18°48	29°R41	1° 7	20°48	21°46	S 9
M10	15 40 55	26°21'37	10♓ 5	3° 4	6°40	3°24	18°15	8° 1	17°17	14°59	18°48	29°40	1° 4	20°55	21°44	M10
T 11	15 44 51	27°19'08	22°31	5°12	7°53	3° 5	18°24	8° 9	17°16	14°57	18°49	29°38	1° 1	21° 1	21°43	T 11
W12	15 48 48	28°16'38	4♈44	7°19	9° 6	2°45	18°33	8°16	17°14	14°56	18°50	29°34	0°58	21° 8	21°41	W12
T 13	15 52 44	29°14'08	16°47	9°25	10°19	2°26	18°42	8°24	17°13	14°54	18°50	29°29	0°55	21°15	21°40	T 13
F 14	15 56 41	0♊11'37	28°43	11°28	11°32	2° 6	18°51	8°31	17°12	14°53	18°51	29°24	0°51	21°21	21°38	F 14
S 15	16 0 37	1° 9'04	10♉34	13°30	12°46	1°46	19° 0	8°39	17°10	14°51	18°52	29°19	0°48	21°28	21°36	S 15
S 16	16 4 34	2° 6'31	22°23	15°29	13°59	1°26	19° 9	8°46	17° 9	14°50	18°52	29°15	0°45	21°35	21°34	S 16
M17	16 8 31	3° 3'57	4♊12	17°26	15°12	1° 6	19°17	8°53	17° 7	14°48	18°53	29°12	0°42	21°41	21°33	M17
T 18	16 12 27	4° 1'23	16° 3	19°21	16°25	0°46	19°25	9° 1	17° 6	14°47	18°53	29°10	0°39	21°48	21°31	T 18
W19	16 16 24	4°58'47	27°58	21°14	17°38	0°25	19°34	9° 8	17° 4	14°45	18°54	29°D 9	0°35	21°55	21°29	W19
T 20	16 20 20	5°56'10	10♋ 0	23° 4	18°51	0° 5	19°42	9°15	17° 3	14°43	18°55	29°10	0°32	22° 1	21°27	T 20
F 21	16 24 17	6°53'32	22°11	24°51	20° 4	29♏45	19°50	9°23	17° 1	14°42	18°55	29°11	0°29	22° 8	21°25	F 21
S 22	16 28 13	7°50'53	4♌34	26°36	21°18	29°25	19°57	9°30	16°59	14°40	18°56	29°12	0°26	22°15	21°22	S 22
S 23	16 32 10	8°48'13	17°13	28°18	22°31	29° 5	20° 5	9°37	16°58	14°39	18°56	29°14	0°23	22°21	21°20	S 23
M24	16 36 7	9°45'32	0♍11	29°58	23°44	28°46	20°12	9°44	16°56	14°37	18°56	29°15	0°20	22°28	21°18	M24
T 25	16 40 3	10°42'50	13°31	1♎35	24°57	28°27	20°20	9°51	16°54	14°35	18°57	29°R15	0°16	22°35	21°16	T 25
W26	16 44 0	11°40'07	27°16	3° 9	26°10	28° 8	20°27	9°58	16°53	14°34	18°57	29°14	0°13	22°41	21°13	W26
T 27	16 47 56	12°37'23	11♎25	4°41	27°23	27°49	20°34	10° 5	16°51	14°32	18°58	29°13	0°10	22°48	21°11	T 27
F 28	16 51 53	13°34'38	25°57	6°10	28°37	27°31	20°41	10°12	16°49	14°30	18°58	29°11	0° 7	22°55	21° 8	F 28
S 29	16 55 49	14°31'53	10♏48	7°36	29°50	27°13	20°48	10°19	16°47	14°29	18°58	29° 9	0° 4	23° 1	21° 6	S 29
S 30	16 59 46	15°29'06	25°52	9° 0	1♊ 3	26°56	20°54	10°26	16°45	14°27	18°58	29° 8	0° 1	23° 8	21° 3	S 30
M31	17 3 42	16♊26'19	11♐ 0	10♋21	2♊16	26♏39	21♓ 1	10♉33	16♑43	14♐26	18♓59	29♐ 7	29♐57	23♉15	21♑ 1	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17n11	16s22	4s22	15n38	0s19	8n33	1s32	22s15	0s54	6s15	1s 6	11n50	2s 9	22s50	0s27	21s16	1n27	18s49	15s38	23s32	23s31	21n 5	15s 1	6n49
S 2	17 27	20 26	3 29	16 27	0 8	9 0	1 31	22 16	0 57	6 11	1 6	11 52	2 9	22 50	0 27	21 16	1 27	18 49	15 38	23 32	23 31	21 6	15 0	6 49
M 3	17 43	23 5	2 21	17 14	0n 3	9 27	1 30	22 16	1 1	6 8	1 7	11 55	2 9	22 50	0 27	21 15	1 27	18 49	15 38	23 32	23 31	21 7	15 0	6 50
T 4	17 58	24 2	1 4	18 0	0 13	9 54	1 29	22 17	1 4	6 4	1 7	11 57	2 9	22 50	0 27	21 15	1 27	18 48	15 39	23 32	23 31	21 8	15 0	6 50
W 5	18 13	23 14	0n16	18 45	0 24	10 21	1 28	22 17	1 7	6 0	1 7	11 59	2 9	22 50	0 27	21 15	1 27	18 48	15 39	23 32	23 31	21 9	14 59	6 51
T 6	18 28	20 55	1 33	19 28	0 34	10 47	1 27	22 18	1 11	5 57	1 7	12 2	2 9	22 50	0 27	21 15	1 27	18 48	15 39	23 32	23 31	21 10	14 59	6 51
F 7	18 43	17 25	2 42	20 10	0 44	11 13	1 26	22 18	1 14	5 53	1 8	12 4	2 9	22 51	0 27	21 15	1 27	18 48	15 40	23 32	23 31	21 12	14 59	6 52
S 8	18 57	13 6	3 40	20 49	0 54	11 39	1 24	22 18	1 18	5 49	1 8	12 7	2 9	22 51	0 27	21 15	1 27	18 48	15 40	23 32	23 31	21 13	14 58	6 52
S 9	19 11	8 18	4 24	21 26	1 3	12 5	1 23	22 18	1 21	5 46	1 8	12 9	2 9	22 51	0 27	21 14	1 27	18 48	15 40	23 32	23 31	21 14	14 58	6 53
M10	19 25	3 16	4 54	22 1	1 12	12 30	1 22	22 18	1 25	5 42	1 8	12 12	2 9	22 51	0 27	21 14	1 27	18 48	15 41	23 32	23 31	21 15	14 58	6 53
T 11	19 38	1n46	5 10	22 34	1 20	12 55	1 20	22 17	1 28	5 39	1 8	12 14	2 10	22 51	0 27	21 14	1 27	18 48	15 41	23 32	23 31	21 16	14 58	6 54
W12	19 51	6 38	5 11	23 3	1 28	13 20	1 19	22 17	1 32	5 36	1 9	12 16	2 10	22 51	0 27	21 14	1 27	18 49	15 41	23 32	23 31	21 17	14 57	6 54
T 13	20 4	11 12	4 58	23 30	1 35	13 45	1 17	22 17	1 35	5 32	1 9	12 19	2 10	22 52	0 27	21 14	1 27	18 49	15 42	23 32	23 31	21 19	14 57	6 55
F 14	20 16	15 18	4 33	23 55	1 41	14 9	1 16	22 16	1 38	5 29	1 9	12 21	2 10	22 52	0 27	21 14	1 27	18 49	15 42	23 32	23 31	21 20	14 57	6 55
S 15	20 28	18 46	3 56	24 17	1 47	14 33	1 14	22 15	1 42	5 26	1 9	12 23	2 10	22 52	0 27	21 13	1 27	18 49	15 42	23 32	23 31	21 21	14 57	6 55
S 16	20 40	21 28	3 8	24 36	1 52	14 57	1 12	22 14	1 45	5 23	1 10	12 26	2 10	22 52	0 27	21 13	1 27	18 49	15 43	23 32	23 32	21 22	14 57	6 56
M17	20 51	23 14	2 13	24 52	1 57	15 20	1 11	22 13	1 49	5 20	1 10	12 28	2 10	22 53	0 27	21 13	1 27	18 49	15 43	23 31	23 32	21 23	14 56	6 56
T 18	21 2	23 59	1 11	25 6	2 0	15 43	1 9	22 12	1 52	5 17	1 10	12 30	2 10	22 53	0 27	21 13	1 27	18 49	15 44	23 31	23 32	21 24	14 56	6 57
W19	21 12	23 37	0 7	25 17	2 3	16 5	1 7	22 11	1 55	5 14	1 10	12 32	2 10	22 53	0 27	21 13	1 27	18 49	15 44	23 31	23 32	21 25	14 56	6 57
T 20	21 23	22 10	0s59	25 26	2 5	16 27	1 5	22 10	1 58	5 11	1 11	12 35	2 10	22 53	0 27	21 12	1 27	18 49	15 44	23 31	23 32	21 26	14 56	6 58
F 21	21 32	19 40	2 4	25 32	2 7	16 49	1 3	22 9	2 2	5 8	1 11	12 37	2 10	22 53	0 27	21 12	1 27	18 49	15 45	23 31	23 32	21 27	14 56	6 58
S 22	21 42	16 13	3 3	25 36	2 7	17 10	1 1	22 8	2 5	5 5	1 11	12 39	2 10	22 54	0 27	21 12	1 27	18 49	15 45	23 31	23 32	21 28	14 56	6 58
S 23	21 51	12 0	3 55	25 38	2 7	17 31	0 59	22 6	2 8	5 2	1 11	12 41	2 10	22 54	0 27	21 12	1 27	18 50	15 45	23 31	23 32	21 30	14 56	6 59
M24	22 0	7 8	4 36	25 38	2 6	17 51	0 57	22 5	2 11	4 59	1 12	12 43	2 10	22 54	0 27	21 12	1 27	18 50	15 46	23 32	23 32	21 31	14 56	6 59
T 25	22 8	1 49	5 4	25 36	2 5	18 11	0 55	22 4	2 14	4 57	1 12	12 46	2 10	22 54	0 27	21 12	1 27	18 50	15 46	23 32	23 32	21 32	14 56	7 0
W26	22 16	3s44	5 16	25 31	2 2	18 30	0 53	22 2	2 17	4 54	1 12	12 48	2 10	22 55	0 27	21 11	1 27	18 50	15 46	23 31	23 32	21 33	14 56	7 0
T 27	22 24	9 16	5 9	25 26	1 59	18 49	0 51	22 1	2 20	4 52	1 13	12 50	2 10	22 55	0 27	21 11	1 27	18 50	15 47	23 31	23 32	21 34	14 56	7 0
F 28	22 31	14 26	4 42	25 18	1 55	19 8	0 49	21 59	2 22	4 49	1 13	12 52	2 11	22 55	0 27	21 11	1 27	18 51	15 47	23 31	23 32	21 35	14 56	7 1
S 29	22 38	18 52	3 57	25 9	1 51	19 26	0 47	21 58	2 25	4 47	1 13	12 54	2 11	22 55	0 27	21 11	1 27	18 51	15 48	23 31	23 32	21 36	14 56	7 1
S 30	22 44	22 6	2 54	24 59	1 46	19 43	0 44	21 56	2 28	4 44	1 13	12 56	2 11	22 56	0 27	21 11	1 27	18 51	15 48	23 31	23 32	21 37	14 56	7 1
M31	22n50	23s48	1s39	24n47	1n40	20n 0	0s42	21s55	2s30	4s42	1s14	12n58	2s11	22s56	0s27	21s10	1n27	18s51	15s48	23s31	23s32	21n38	14s56	7n 2

Julian Day Number = 2204038.5, Delta T = 09m50s
Ecliptic obliquity = 23°31'38, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°17'19, Lahiri = 14°24'19 Julian Calendar 1 May 1322 == Greg. Calendar 9 May 1322

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ASTRODIENST EPHEMERIS for the year 1322
geocentric

JUNE 1322 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	17 7 39	17♊23'32	26♐ 2	11♋39	3♊30	26°R23	21♓ 7	10♉39	16°R41	14°R24	18♓59	29°D 6	29♐54	23♉21	20°R58	T 1
W 2	17 11 36	18°20'44	10♑51	12°54	4°43	26♏ 7	21°13	10°46	16♑39	14♐22	18°59	29♐ 7	29°51	23°28	20♑55	W 2
T 3	17 15 32	19°17'56	25°19	14° 6	5°56	25°52	21°19	10°53	16°37	14°21	18°59	29° 7	29°48	23°35	20°52	T 3
F 4	17 19 29	20°15'07	9♒22	15°15	7° 9	25°38	21°25	10°59	16°35	14°19	19° 0	29° 8	29°45	23°41	20°50	F 4
S 5	17 23 25	21°12'18	22°59	16°21	8°23	25°24	21°31	11° 6	16°33	14°18	19° 0	29° 9	29°41	23°48	20°47	S 5
S 6	17 27 22	22° 9'29	6♓10	17°24	9°36	25°11	21°36	11°13	16°31	14°16	19° 0	29° 9	29°38	23°55	20°44	S 6
M 7	17 31 18	23° 6'40	18°57	18°24	10°49	24°59	21°41	11°19	16°29	14°14	19° 0	29°R 9	29°35	24° 2	20°41	M 7
T 8	17 35 15	24° 3'51	1♈25	19°21	12° 3	24°47	21°47	11°26	16°27	14°13	19° 0	29° 9	29°32	24° 8	20°38	T 8
W 9	17 39 11	25° 1'02	13°36	20°14	13°16	24°36	21°51	11°32	16°24	14°11	19° 0	29° 9	29°29	24°15	20°35	W 9
T 10	17 43 8	25°58'14	25°36	21° 4	14°30	24°26	21°56	11°38	16°22	14°10	19° 0	29° 9	29°26	24°22	20°32	T 10
F 11	17 47 5	26°55'25	7♉29	21°50	15°43	24°17	22° 1	11°45	16°20	14° 8	19°R 0	29° 9	29°22	24°28	20°29	F 11
S 12	17 51 1	27°52'36	19°18	22°32	16°56	24° 9	22° 5	11°51	16°18	14° 6	19° 0	29° 8	29°19	24°35	20°26	S 12
S 13	17 54 58	28°49'47	1♊ 7	23°10	18°10	24° 1	22°10	11°57	16°16	14° 5	19° 0	29°D 8	29°16	24°42	20°22	S 13
M14	17 58 54	29°46'59	12°58	23°45	19°23	23°54	22°14	12° 3	16°13	14° 3	19° 0	29° 8	29°13	24°48	20°19	M14
T 15	18 2 51	0♋44'10	24°56	24°16	20°37	23°48	22°18	12° 9	16°11	14° 2	19° 0	29°R 8	29°10	24°55	20°16	T 15
W16	18 6 47	1°41'22	7♋ 0	24°42	21°50	23°43	22°21	12°15	16° 9	14° 0	19° 0	29° 8	29° 7	25° 2	20°13	W16
T 17	18 10 44	2°38'33	19°14	25° 4	23° 4	23°38	22°25	12°21	16° 6	13°59	19° 0	29° 8	29° 3	25° 8	20° 9	T 17
F 18	18 14 40	3°35'44	1♌39	25°21	24°17	23°35	22°28	12°27	16° 4	13°57	19° 0	29° 8	29° 0	25°15	20° 6	F 18
S 19	18 18 37	4°32'56	14°17	25°34	25°31	23°32	22°32	12°33	16° 2	13°56	19° 0	29° 7	28°57	25°22	20° 3	S 19
S 20	18 22 34	5°30'07	27° 9	25°42	26°45	23°30	22°35	12°38	15°59	13°54	18°59	29° 6	28°54	25°28	19°59	S 20
M21	18 26 30	6°27'18	10♍17	25°R46	27°58	23°29	22°37	12°44	15°57	13°53	18°59	29° 6	28°51	25°35	19°56	M21
T 22	18 30 27	7°24'29	23°41	25°45	29°12	23°D29	22°40	12°50	15°55	13°51	18°59	29° 5	28°47	25°42	19°53	T 22
W23	18 34 23	8°21'39	7♎23	25°39	0♋25	23°30	22°43	12°55	15°52	13°50	18°59	29°D 5	28°44	25°48	19°49	W23
T 24	18 38 20	9°18'50	21°23	25°28	1°39	23°31	22°45	13° 1	15°50	13°48	18°58	29° 5	28°41	25°55	19°46	T 24
F 25	18 42 16	10°16'01	5♏41	25°13	2°53	23°34	22°47	13° 6	15°47	13°47	18°58	29° 6	28°38	26° 2	19°42	F 25
S 26	18 46 13	11°13'12	20°12	24°53	4° 6	23°37	22°49	13°11	15°45	13°46	18°58	29° 7	28°35	26° 8	19°39	S 26
S 27	18 50 9	12°10'23	4♐55	24°29	5°20	23°41	22°50	13°17	15°43	13°44	18°58	29° 7	28°32	26°15	19°35	S 27
M28	18 54 6	13° 7'34	19°42	24° 2	6°33	23°46	22°52	13°22	15°40	13°43	18°57	29° 8	28°28	26°22	19°32	M28
T 29	18 58 3	14° 4'46	4♑28	23°30	7°47	23°52	22°53	13°27	15°38	13°42	18°57	29°R 8	28°25	26°28	19°28	T 29
W30	19 1 59	15♋ 1'58	19♑ 6	22♋55	9♋ 1	23♏58	22♓54	13♉32	15♑35	13♐40	18♓56	29♐ 8	28♐22	26♉35	19♑25	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n56	23s45	0s17	24n34	1n33	20n17	0s40	21s54	2s33	4s40	1s14	13n 0	2s11	22s56	0s28	21s10	1n27	18s51	15s49	23s31	23s32	21n39	14s56	7n 2
W 2	23 1	22 0	1n 5	24 19	1 26	20 33	0 38	21 52	2 35	4 38	1 14	13 2	2 11	22 56	0 28	21 10	1 27	18 52	15 49	23 31	23 32	21 40	14 56	7 2
T 3	23 6	18 51	2 20	24 4	1 18	20 48	0 35	21 51	2 38	4 36	1 14	13 4	2 11	22 57	0 28	21 10	1 27	18 52	15 49	23 31	23 32	21 41	14 56	7 3
F 4	23 10	14 41	3 25	23 48	1 10	21 3	0 33	21 50	2 40	4 34	1 15	13 6	2 11	22 57	0 28	21 10	1 27	18 52	15 50	23 31	23 32	21 42	14 56	7 3
S 5	23 14	9 52	4 16	23 31	1 0	21 17	0 31	21 49	2 42	4 32	1 15	13 8	2 11	22 57	0 28	21 10	1 27	18 53	15 50	23 31	23 32	21 43	14 56	7 3
S 6	23 18	4 45	4 52	23 14	0 51	21 30	0 28	21 47	2 44	4 30	1 15	13 10	2 11	22 58	0 28	21 9	1 27	18 53	15 51	23 31	23 32	21 44	14 56	7 4
M 7	23 21	0n24	5 12	22 56	0 40	21 43	0 26	21 46	2 46	4 28	1 16	13 12	2 12	22 58	0 28	21 9	1 27	18 53	15 51	23 31	23 32	21 45	14 56	7 4
T 8	23 24	5 24	5 17	22 37	0 30	21 56	0 23	21 45	2 48	4 26	1 16	13 14	2 12	22 58	0 28	21 9	1 27	18 53	15 51	23 31	23 32	21 46	14 57	7 4
W 9	23 26	10 6	5 7	22 18	0 18	22 8	0 21	21 45	2 50	4 24	1 16	13 15	2 12	22 58	0 28	21 9	1 27	18 54	15 52	23 31	23 32	21 47	14 57	7 5
T 10	23 28	14 20	4 44	21 58	0 6	22 19	0 19	21 44	2 52	4 23	1 17	13 17	2 12	22 59	0 28	21 9	1 27	18 54	15 52	23 31	23 32	21 48	14 57	7 5
F 11	23 29	17 59	4 9	21 39	0s 6	22 29	0 16	21 43	2 54	4 21	1 17	13 19	2 12	22 59	0 28	21 9	1 27	18 54	15 52	23 31	23 32	21 49	14 57	7 5
S 12	23 31	20 53	3 24	21 19	0 19	22 39	0 14	21 43	2 56	4 20	1 17	13 21	2 12	22 59	0 28	21 8	1 27	18 55	15 53	23 31	23 32	21 50	14 57	7 5
S 13	23 31	22 54	2 29	21 0	0 33	22 49	0 11	21 42	2 57	4 18	1 17	13 23	2 12	23 0	0 28	21 8	1 27	18 55	15 53	23 31	23 32	21 51	14 58	7 6
M14	23 32	23 54	1 29	20 40	0 46	22 57	0 9	21 42	2 59	4 17	1 18	13 24	2 12	23 0	0 28	21 8	1 27	18 55	15 54	23 31	23 31	21 52	14 58	7 6
T 15	23 31	23 49	0 23	20 21	1 1	23 5	0 7	21 42	3 0	4 16	1 18	13 26	2 13	23 0	0 28	21 8	1 27	18 56	15 54	23 31	23 31	21 53	14 58	7 6
W16	23 31	22 37	0s44	20 2	1 15	23 12	0 4	21 42	3 2	4 14	1 18	13 28	2 13	23 0	0 28	21 8	1 27	18 56	15 54	23 31	23 31	21 54	14 58	7 6
T 17	23 30	20 20	1 49	19 44	1 30	23 19	0 2	21 42	3 3	4 13	1 19	13 29	2 13	23 1	0 28	21 8	1 27	18 57	15 55	23 31	23 31	21 55	14 59	7 6
F 18	23 29	17 5	2 51	19 26	1 45	23 25	0n 1	21 43	3 4	4 12	1 19	13 31	2 13	23 1	0 28	21 7	1 27	18 57	15 55	23 31	23 31	21 55	14 59	7 7
S 19	23 27	13 1	3 45	19 8	2 0	23 30	0 3	21 43	3 5	4 11	1 19	13 33	2 13	23 1	0 28	21 7	1 27	18 57	15 55	23 31	23 31	21 56	14 59	7 7
S 20	23 25	8 17	4 29	18 52	2 15	23 35	0 6	21 44	3 7	4 10	1 20	13 34	2 13	23 2	0 28	21 7	1 27	18 58	15 56	23 31	23 31	21 57	15 0	7 7
M21	23 22	3 6	5 0	18 36	2 30	23 39	0 8	21 44	3 8	4 10	1 20	13 36	2 13	23 2	0 28	21 7	1 27	18 58	15 56	23 31	23 31	21 58	15 0	7 7
T 22	23 19	2s19	5 16	18 22	2 45	23 42	0 10	21 45	3 9	4 9	1 20	13 37	2 14	23 2	0 28	21 7	1 27	18 59	15 56	23 31	23 31	21 59	15 0	7 7
W23	23 16	7 44	5 14	18 8	3 0	23 44	0 13	21 46	3 10	4 8	1 20	13 39	2 14	23 2	0 28	21 7	1 27	18 59	15 57	23 31	23 31	22 0	15 0	7 7
T 24	23 12	12 54	4 53	17 56	3 15	23 46	0 15	21 48	3 10	4 7	1 21	13 40	2 14	23 3	0 28	21 7	1 26	18 59	15 57	23 31	23 31	22 1	15 1	7 7
F 25	23 8	17 28	4 15	17 45	3 29	23 47	0 17	21 49	3 11	4 7	1 21	13 42	2 14	23 3	0 28	21 6	1 26	19 0	15 58	23 31	23 31	22 2	15 1	7 8
S 26	23 3	21 4	3 19	17 35	3 42	23 48	0 20	21 51	3 12	4 6	1 21	13 43	2 14	23 3	0 28	21 6	1 26	19 0	15 58	23 31	23 31	22 3	15 2	7 8
S 27	22 58	23 20	2 10	17 27	3 55	23 47	0 22	21 52	3 13	4 6	1 22	13 45	2 14	23 4	0 28	21 6	1 26	19 1	15 58	23 31	23 31	22 4	15 2	7 8
M28	22 53	23 59	0 52	17 20	4 7	23 46	0 24	21 54	3 13	4 6	1 22	13 46	2 15	23 4	0 28	21 6	1 26	19 1	15 59	23 31	23 31	22 4	15 2	7 8
T 29	22 47	22 58	0n29	17 15	4 17	23 44	0 27	21 56	3 14	4 6	1 22	13 47	2 15	23 4	0 28	21 6	1 26	19 2	15 59	23 31	23 31	22 5	15 3	7 8
W30	22n41	20s23	1n48	17n11	4s27	23n42	0n29	21s58	3s15	4s 5	1s23	13n49	2s15	23s 4	0s28	21s 6	1n26	19s 2	15s59	23s31	23s31	22n 6	15s 3	7n 8

Julian Day Number = 2204069.5, Delta T = 09m50s
Ecliptic obliquity = 23°31'38, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°17'23, Lahiri = 14°24'24 Julian Calendar 1 June 1322 == Greg. Calendar 9 June 1322

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ASTRODIENST EPHEMERIS for the year 1322
geocentric

JULY 1322 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	19 5 56	15♋59'10	3♒28	22°R18	10♋15	24♏ 5	22♓55	13♉37	15°R33	13°R39	18°R56	29°R 6	28♐19	26♉42	19°R21	T 1
F 2	19 9 52	16°56'23	17°31	21♋39	11°28	24°13	22°56	13°42	15♑31	13♐38	18♓56	29♐ 4	28°16	26°48	19♑18	F 2
S 3	19 13 49	17°53'36	1♓10	20°58	12°42	24°22	22°57	13°47	15°28	13°36	18°55	29° 1	28°13	26°55	19°14	S 3
S 4	19 17 45	18°50'51	14°24	20°16	13°56	24°31	22°57	13°51	15°26	13°35	18°55	28°59	28° 9	27° 2	19°11	S 4
M 5	19 21 42	19°48'06	27°15	19°34	15°10	24°42	22°R57	13°56	15°23	13°34	18°54	28°57	28° 6	27° 8	19° 7	M 5
T 6	19 25 39	20°45'22	9♈45	18°53	16°24	24°52	22°57	14° 0	15°21	13°33	18°54	28°55	28° 3	27°15	19° 4	T 6
W 7	19 29 35	21°42'39	21°58	18°14	17°37	25° 4	22°57	14° 5	15°19	13°31	18°53	28°D55	28° 0	27°22	19° 0	W 7
T 8	19 33 32	22°39'56	3♉59	17°36	18°51	25°16	22°56	14° 9	15°16	13°30	18°52	28°55	27°57	27°28	18°57	T 8
F 9	19 37 28	23°37'15	15°51	17° 2	20° 5	25°29	22°56	14°14	15°14	13°29	18°52	28°57	27°53	27°35	18°53	F 9
S 10	19 41 25	24°34'35	27°40	16°30	21°19	25°43	22°55	14°18	15°11	13°28	18°51	28°58	27°50	27°42	18°50	S 10
S 11	19 45 21	25°31'56	9♊30	16° 3	22°33	25°58	22°54	14°22	15° 9	13°27	18°51	29° 0	27°47	27°48	18°46	S 11
M12	19 49 18	26°29'18	21°26	15°41	23°47	26°13	22°53	14°26	15° 7	13°26	18°50	29° 1	27°44	27°55	18°43	M12
T 13	19 53 14	27°26'41	3♋30	15°24	25° 1	26°28	22°51	14°30	15° 4	13°25	18°49	29°R 1	27°41	28° 2	18°39	T 13
W14	19 57 11	28°24'05	15°47	15°12	26°15	26°45	22°49	14°34	15° 2	13°24	18°49	29° 0	27°38	28° 8	18°36	W14
T 15	20 1 8	29°21'30	28°16	15°D 6	27°29	27° 2	22°48	14°38	15° 0	13°23	18°48	28°58	27°34	28°15	18°32	T 15
F 16	20 5 4	0♌18'56	11♌ 0	15° 7	28°43	27°19	22°46	14°42	14°57	13°22	18°47	28°54	27°31	28°22	18°29	F 16
S 17	20 9 1	1°16'22	23°59	15°14	29°57	27°37	22°43	14°45	14°55	13°21	18°47	28°49	27°28	28°28	18°26	S 17
S 18	20 12 57	2°13'50	7♍12	15°27	1♌11	27°56	22°41	14°49	14°53	13°20	18°46	28°43	27°25	28°35	18°22	S 18
M19	20 16 54	3°11'18	20°38	15°47	2°25	28°15	22°38	14°52	14°51	13°19	18°45	28°38	27°22	28°42	18°19	M19
T 20	20 20 50	4° 8'47	4♎16	16°13	3°39	28°35	22°36	14°56	14°48	13°18	18°44	28°34	27°19	28°48	18°15	T 20
W21	20 24 47	5° 6'17	18° 6	16°46	4°53	28°56	22°33	14°59	14°46	13°17	18°43	28°31	27°15	28°55	18°12	W21
T 22	20 28 43	6° 3'48	2♏ 5	17°26	6° 7	29°17	22°29	15° 2	14°44	13°16	18°43	28°D30	27°12	29° 2	18° 9	T 22
F 23	20 32 40	7° 1'20	16°13	18°12	7°21	29°39	22°26	15° 5	14°42	13°16	18°42	28°30	27° 9	29° 8	18° 6	F 23
S 24	20 36 37	7°58'53	0♐28	19° 5	8°36	0♐ 1	22°23	15° 8	14°40	13°15	18°41	28°32	27° 6	29°15	18° 2	S 24
S 25	20 40 33	8°56'26	14°48	20° 4	9°50	0°23	22°19	15°11	14°38	13°14	18°40	28°33	27° 3	29°22	17°59	S 25
M26	20 44 30	9°54'01	29°11	21° 9	11° 4	0°47	22°15	15°14	14°35	13°13	18°39	28°R33	26°59	29°28	17°56	M26
T 27	20 48 26	10°51'36	13♑32	22°20	12°18	1°10	22°11	15°16	14°33	13°13	18°38	28°33	26°56	29°35	17°53	T 27
W28	20 52 23	11°49'13	27°48	23°37	13°32	1°34	22° 7	15°19	14°31	13°12	18°37	28°30	26°53	29°42	17°50	W28
T 29	20 56 19	12°46'51	11♒53	24°59	14°46	1°59	22° 2	15°21	14°29	13°11	18°36	28°25	26°50	29°48	17°47	T 29
F 30	21 0 16	13°44'30	25°43	26°26	16° 1	2°24	21°58	15°24	14°27	13°11	18°35	28°18	26°47	29°55	17°44	F 30
S 31	21 4 12	14♌42'10	9♓14	27♋58	17♌15	2♐49	21♓53	15♉26	14♑25	13♐10	18♓35	28♐11	26♐44	0♊ 1	17♑41	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n34	16s33	2n59	17n 9	4s35	23n39	0n31	22s 1	3s15	4s 5	1s23	13n50	2s15	23s 5	0s28	21s 6	1n26	19s 3	16s 0	23s31	23s31	22n 7	15s 4	7n 8
F 2	22 27	11 53	3 56	17 8	4 42	23 35	0 33	22 3	3 16	4 5	1 23	13 51	2 15	23 5	0 28	21 6	1 26	19 3	16 0	23 31	23 31	22 8	15 4	7 8
S 3	22 20	6 45	4 39	17 9	4 47	23 30	0 36	22 6	3 16	4 5	1 24	13 53	2 15	23 5	0 28	21 5	1 26	19 4	16 0	23 31	23 31	22 9	15 4	7 8
S 4	22 12	1 28	5 5	17 11	4 51	23 25	0 38	22 8	3 16	4 6	1 24	13 54	2 16	23 6	0 28	21 5	1 26	19 4	16 1	23 31	23 31	22 9	15 5	7 8
M 5	22 4	3n43	5 15	17 15	4 53	23 19	0 40	22 11	3 17	4 6	1 24	13 55	2 16	23 6	0 28	21 5	1 26	19 5	16 1	23 31	23 31	22 10	15 5	7 8
T 6	21 55	8 37	5 10	17 21	4 53	23 13	0 42	22 14	3 17	4 6	1 25	13 56	2 16	23 6	0 28	21 5	1 26	19 5	16 1	23 31	23 31	22 11	15 6	7 8
W 7	21 46	13 4	4 50	17 28	4 52	23 5	0 44	22 17	3 17	4 6	1 25	13 57	2 16	23 6	0 28	21 5	1 26	19 6	16 2	23 31	23 31	22 12	15 6	7 8
T 8	21 37	16 56	4 18	17 35	4 49	22 57	0 46	22 21	3 17	4 7	1 25	13 59	2 16	23 7	0 28	21 5	1 26	19 6	16 2	23 31	23 31	22 13	15 7	7 8
F 9	21 27	20 5	3 36	17 45	4 44	22 48	0 48	22 24	3 18	4 7	1 25	14 0	2 16	23 7	0 28	21 5	1 26	19 7	16 2	23 31	23 31	22 14	15 7	7 8
S 10	21 17	22 22	2 44	17 55	4 37	22 39	0 50	22 27	3 18	4 8	1 26	14 1	2 17	23 7	0 28	21 5	1 26	19 7	16 3	23 31	23 31	22 14	15 8	7 8
S 11	21 7	23 41	1 45	18 6	4 29	22 29	0 52	22 31	3 18	4 9	1 26	14 2	2 17	23 8	0 28	21 5	1 26	19 8	16 3	23 31	23 31	22 15	15 8	7 8
M12	20 56	23 56	0 42	18 18	4 20	22 18	0 54	22 35	3 18	4 10	1 26	14 3	2 17	23 8	0 28	21 4	1 26	19 8	16 3	23 31	23 30	22 16	15 9	7 8
T 13	20 45	23 4	0s25	18 30	4 9	22 7	0 55	22 38	3 18	4 10	1 27	14 4	2 17	23 8	0 28	21 4	1 26	19 9	16 4	23 31	23 30	22 17	15 9	7 8
W14	20 33	21 5	1 31	18 43	3 58	21 55	0 57	22 42	3 18	4 11	1 27	14 5	2 17	23 8	0 28	21 4	1 26	19 9	16 4	23 31	23 30	22 17	15 10	7 8
T 15	20 22	18 5	2 33	18 57	3 45	21 42	0 59	22 46	3 18	4 12	1 27	14 6	2 18	23 9	0 28	21 4	1 26	19 10	16 4	23 31	23 30	22 18	15 10	7 8
F 16	20 9	14 10	3 30	19 10	3 31	21 29	1 1	22 50	3 18	4 13	1 28	14 7	2 18	23 9	0 28	21 4	1 26	19 10	16 4	23 31	23 30	22 19	15 11	7 8
S 17	19 57	9 33	4 16	19 24	3 17	21 15	1 2	22 54	3 18	4 15	1 28	14 7	2 18	23 9	0 28	21 4	1 26	19 11	16 5	23 31	23 30	22 20	15 12	7 7
S 18	19 44	4 25	4 50	19 37	3 2	21 0	1 4	22 59	3 17	4 16	1 28	14 8	2 18	23 9	0 28	21 4	1 26	19 12	16 5	23 31	23 30	22 20	15 12	7 7
M19	19 31	1s 0	5 8	19 51	2 46	20 45	1 5	23 3	3 17	4 17	1 28	14 9	2 18	23 10	0 28	21 4	1 26	19 12	16 5	23 31	23 30	22 21	15 13	7 7
T 20	19 17	6 26	5 10	20 3	2 30	20 29	1 7	23 7	3 17	4 18	1 29	14 10	2 19	23 10	0 28	21 4	1 26	19 13	16 6	23 31	23 30	22 22	15 13	7 7
W21	19 4	11 38	4 54	20 15	2 14	20 13	1 8	23 12	3 17	4 20	1 29	14 11	2 19	23 10	0 28	21 4	1 25	19 13	16 6	23 31	23 30	22 23	15 14	7 7
T 22	18 50	16 18	4 20	20 26	1 58	19 56	1 10	23 16	3 17	4 21	1 29	14 11	2 19	23 10	0 28	21 4	1 25	19 14	16 6	23 31	23 30	22 23	15 14	7 7
F 23	18 35	20 6	3 30	20 36	1 42	19 39	1 11	23 21	3 16	4 23	1 30	14 12	2 19	23 11	0 28	21 4	1 25	19 14	16 6	23 31	23 30	22 24	15 15	7 7
S 24	18 20	22 43	2 27	20 45	1 26	19 20	1 12	23 25	3 16	4 25	1 30	14 13	2 20	23 11	0 28	21 4	1 25	19 15	16 7	23 31	23 30	22 25	15 16	7 6
S 25	18 5	23 53	1 14	20 52	1 10	19 2	1 13	23 30	3 16	4 26	1 30	14 13	2 20	23 11	0 28	21 4	1 25	19 16	16 7	23 31	23 30	22 25	15 16	7 6
M26	17 50	23 28	0n 3	20 58	0 54	18 43	1 15	23 34	3 15	4 28	1 30	14 14	2 20	23 11	0 28	21 4	1 25	19 16	16 7	23 31	23 30	22 26	15 17	7 6
T 27	17 34	21 30	1 20	21 2	0 39	18 23	1 16	23 39	3 15	4 30	1 31	14 14	2 20	23 12	0 28	21 4	1 25	19 17	16 7	23 31	23 29	22 27	15 17	7 6
W28	17 18	18 12	2 32	21 4	0 24	18 3	1 17	23 44	3 15	4 32	1 31	14 15	2 20	23 12	0 28	21 4	1 25	19 17	16 8	23 31	23 29	22 28	15 18	7 6
T 29	17 2	13 53	3 33	21 3	0 10	17 42	1 18	23 48	3 14	4 34	1 31	14 15	2 21	23 12	0 28	21 3	1 25	19 18	16 8	23 31	23 29	22 28	15 19	7 5
F 30	16 46	8 55	4 20	21 0	0n 4	17 21	1 19	23 53	3 14	4 36	1 31	14 16	2 21	23 12	0 28	21 3	1 25	19 19	16 8	23 31	23 29	22 29	15 19	7 5
S 31	16n29	3s38	4n51	20n55	0n17	16n59	1n20	23s58	3s13	4s38	1s32	14n16	2s21	23s12	0s28	21s 3	1n25	19s19	16s 8	23s31	23s29	22n30	15s20	7n 5

Julian Day Number = 2204099.5, Delta T = 09m50s
Ecliptic obliquity = 23°31'37, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°17'27, Lahiri = 14°24'28 Julian Calendar 1 July 1322 == Greg. Calendar 9 July 1322

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ASTRODIENST EPHEMERIS for the year 1322
geocentric

AUGUST 1322 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	21 8 9	15♌39'52	22♓25	29♋35	18♌29	3♐15	21°R48	15♉28	14°R23	13°R10	18°R34	28°R 3	26♐40	0♊ 8	17°R38	S 1
M 2	21 12 6	16°37'36	5♈15	1♌16	19°43	3°42	21♓43	15°30	14♑21	13♐ 9	18♓33	27♐56	26°37	0°15	17♑35	M 2
T 3	21 16 2	17°35'21	17°45	3° 0	20°58	4° 8	21°38	15°32	14°20	13° 9	18°32	27°50	26°34	0°21	17°32	T 3
W 4	21 19 59	18°33'08	29°59	4°47	22°12	4°36	21°32	15°34	14°18	13° 8	18°31	27°46	26°31	0°28	17°29	W 4
T 5	21 23 55	19°30'57	11♉59	6°37	23°26	5° 3	21°27	15°36	14°16	13° 8	18°30	27°44	26°28	0°35	17°27	T 5
F 6	21 27 52	20°28'47	23°51	8°30	24°41	5°31	21°21	15°38	14°14	13° 7	18°29	27°D44	26°25	0°41	17°24	F 6
S 7	21 31 48	21°26'39	5♊40	10°24	25°55	6° 0	21°15	15°39	14°12	13° 7	18°27	27°45	26°21	0°48	17°21	S 7
S 8	21 35 45	22°24'33	17°32	12°20	27° 9	6°28	21° 9	15°41	14°11	13° 7	18°26	27°46	26°18	0°55	17°19	S 8
M 9	21 39 41	23°22'29	29°30	14°18	28°24	6°58	21° 3	15°42	14° 9	13° 6	18°25	27°R46	26°15	1° 1	17°16	M 9
T 10	21 43 38	24°20'27	11♋41	16°15	29°38	7°27	20°57	15°43	14° 7	13° 6	18°24	27°45	26°12	1° 8	17°14	T 10
W11	21 47 35	25°18'26	24° 7	18°14	0♍52	7°57	20°50	15°44	14° 6	13° 6	18°23	27°42	26° 9	1°15	17°11	W11
T 12	21 51 31	26°16'27	6♌51	20°12	2° 7	8°27	20°44	15°45	14° 4	13° 6	18°22	27°36	26° 5	1°21	17° 9	T 12
F 13	21 55 28	27°14'30	19°54	22°11	3°21	8°58	20°37	15°46	14° 2	13° 5	18°21	27°29	26° 2	1°28	17° 6	F 13
S 14	21 59 24	28°12'35	3♍16	24° 9	4°36	9°29	20°30	15°47	14° 1	13° 5	18°20	27°19	25°59	1°35	17° 4	S 14
S 15	22 3 21	29°10'41	16°54	26° 7	5°50	10° 0	20°23	15°48	13°59	13° 5	18°19	27° 9	25°56	1°41	17° 2	S 15
M16	22 7 17	0♎ 8'49	0♎46	28° 4	7° 5	10°32	20°16	15°48	13°58	13° 5	18°18	26°59	25°53	1°48	17° 0	M16
T 17	22 11 14	1° 6'58	14°47	29°59	8°19	11° 4	20° 9	15°49	13°57	13° 5	18°16	26°50	25°50	1°55	16°58	T 17
W18	22 15 10	2° 5'09	28°54	1♍55	9°33	11°36	20° 2	15°49	13°55	13°D 5	18°15	26°44	25°46	2° 1	16°56	W18
T 19	22 19 7	3° 3'22	13♏ 3	3°50	10°48	12° 8	19°55	15°49	13°54	13° 5	18°14	26°40	25°43	2° 8	16°54	T 19
F 20	22 23 3	4° 1'36	27°13	5°44	12° 2	12°41	19°48	15°50	13°53	13° 5	18°13	26°39	25°40	2°15	16°52	F 20
S 21	22 27 0	4°59'52	11♐21	7°36	13°17	13°15	19°40	15°R50	13°51	13° 5	18°12	26°D39	25°37	2°21	16°50	S 21
S 22	22 30 57	5°58'09	25°25	9°27	14°31	13°48	19°33	15°50	13°50	13° 5	18°11	26°R39	25°34	2°28	16°48	S 22
M23	22 34 53	6°56'27	9♑27	11°18	15°46	14°22	19°25	15°49	13°49	13° 6	18° 9	26°38	25°30	2°35	16°46	M23
T 24	22 38 50	7°54'48	23°23	13° 7	17° 0	14°56	19°17	15°49	13°48	13° 6	18° 8	26°36	25°27	2°41	16°45	T 24
W25	22 42 46	8°53'10	7♒13	14°55	18°15	15°30	19°10	15°49	13°47	13° 6	18° 7	26°31	25°24	2°48	16°43	W25
T 26	22 46 43	9°51'33	20°53	16°42	19°29	16° 5	19° 2	15°48	13°46	13° 6	18° 6	26°23	25°21	2°55	16°41	T 26
F 27	22 50 39	10°49'58	4♓23	18°28	20°44	16°39	18°54	15°48	13°45	13° 7	18° 5	26°12	25°18	3° 1	16°40	F 27
S 28	22 54 36	11°48'25	17°38	20°13	21°58	17°14	18°46	15°47	13°44	13° 7	18° 4	26° 0	25°15	3° 8	16°39	S 28
S 29	22 58 32	12°46'55	0♈36	21°56	23°13	17°50	18°38	15°46	13°43	13° 7	18° 2	25°48	25°11	3°15	16°37	S 29
M30	23 2 29	13°45'26	13°18	23°39	24°27	18°25	18°30	15°45	13°42	13° 8	18° 1	25°36	25° 8	3°21	16°36	M30
T 31	23 6 26	14♍43'59	25♈43	25♍21	25♍42	19♐ 1	18♓22	15♉44	13♑42	13♐ 8	18♓ 0	25♐26	25♐ 5	3♊28	16♑35	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	16n12	1n40	5n 6	20n47	0n29	16n37	1n20	24s 2	3s13	4s40	1s32	14n17	2s21	23s13	0s28	21s 3	1n25	19s20	16s 9	23s31	23s29	22n30	15s20	7n 5
M 2	15 55	6 46	5 5	20 36	0 40	16 14	1 21	24 7	3 13	4 43	1 32	14 17	2 21	23 13	0 28	21 3	1 25	19 20	16 9	23 31	23 29	22 31	15 21	7 4
T 3	15 37	11 27	4 50	20 23	0 50	15 51	1 22	24 12	3 12	4 45	1 32	14 18	2 22	23 13	0 28	21 3	1 25	19 21	16 9	23 31	23 29	22 32	15 22	7 4
W 4	15 19	15 34	4 21	20 6	1 0	15 28	1 22	24 16	3 11	4 47	1 33	14 18	2 22	23 13	0 28	21 3	1 25	19 21	16 9	23 30	23 29	22 32	15 22	7 4
T 5	15 1	18 59	3 41	19 48	1 9	15 4	1 23	24 21	3 11	4 50	1 33	14 18	2 22	23 13	0 28	21 3	1 25	19 22	16 9	23 30	23 29	22 33	15 23	7 4
F 6	14 43	21 35	2 52	19 26	1 16	14 39	1 24	24 26	3 10	4 52	1 33	14 18	2 22	23 14	0 28	21 3	1 25	19 23	16 10	23 30	23 29	22 33	15 24	7 3
S 7	14 24	23 14	1 56	19 2	1 23	14 15	1 24	24 30	3 10	4 55	1 33	14 19	2 23	23 14	0 28	21 3	1 25	19 23	16 10	23 30	23 29	22 34	15 24	7 3
S 8	14 6	23 51	0 55	18 35	1 29	13 49	1 24	24 35	3 9	4 57	1 34	14 19	2 23	23 14	0 28	21 3	1 25	19 24	16 10	23 30	23 29	22 35	15 25	7 3
M 9	13 47	23 22	0s 9	18 6	1 34	13 24	1 25	24 39	3 9	5 0	1 34	14 19	2 23	23 14	0 28	21 3	1 25	19 24	16 10	23 30	23 28	22 35	15 25	7 2
T 10	13 27	21 47	1 14	17 35	1 38	12 58	1 25	24 43	3 8	5 2	1 34	14 19	2 23	23 14	0 28	21 3	1 24	19 25	16 10	23 30	23 28	22 36	15 26	7 2
W11	13 8	19 8	2 16	17 2	1 42	12 32	1 25	24 48	3 7	5 5	1 34	14 19	2 23	23 14	0 28	21 3	1 24	19 26	16 11	23 30	23 28	22 37	15 27	7 2
T 12	12 48	15 31	3 13	16 27	1 44	12 5	1 25	24 52	3 7	5 8	1 34	14 19	2 24	23 15	0 28	21 4	1 24	19 26	16 11	23 30	23 28	22 37	15 27	7 1
F 13	12 28	11 5	4 2	15 50	1 46	11 38	1 25	24 56	3 6	5 11	1 35	14 19	2 24	23 15	0 28	21 4	1 24	19 27	16 11	23 30	23 28	22 38	15 28	7 1
S 14	12 8	6 2	4 38	15 12	1 47	11 11	1 25	25 1	3 5	5 14	1 35	14 19	2 24	23 15	0 28	21 4	1 24	19 27	16 11	23 30	23 28	22 38	15 29	7 1
S 15	11 48	0 36	4 59	14 32	1 47	10 43	1 25	25 5	3 5	5 16	1 35	14 19	2 24	23 15	0 28	21 4	1 24	19 28	16 11	23 30	23 28	22 39	15 29	7 0
M16	11 28	4s56	5 3	13 51	1 46	10 16	1 25	25 9	3 4	5 19	1 35	14 19	2 25	23 15	0 28	21 4	1 24	19 28	16 11	23 30	23 28	22 39	15 30	7 0
T 17	11 7	10 17	4 49	13 9	1 45	9 47	1 25	25 13	3 3	5 22	1 35	14 19	2 25	23 15	0 28	21 4	1 24	19 29	16 11	23 29	23 28	22 40	15 30	7 0
W18	10 46	15 8	4 18	12 26	1 44	9 19	1 25	25 16	3 3	5 25	1 35	14 19	2 25	23 15	0 28	21 4	1 24	19 30	16 11	23 29	23 28	22 41	15 31	6 59
T 19	10 25	19 9	3 30	11 43	1 41	8 50	1 24	25 20	3 2	5 28	1 36	14 19	2 25	23 16	0 28	21 4	1 24	19 30	16 12	23 29	23 27	22 41	15 32	6 59
F 20	10 4	22 2	2 30	10 58	1 39	8 22	1 24	25 24	3 1	5 31	1 36	14 19	2 25	23 16	0 28	21 4	1 24	19 31	16 12	23 29	23 27	22 42	15 32	6 58
S 21	9 43	23 33	1 21	10 14	1 36	7 53	1 23	25 27	3 0	5 34	1 36	14 19	2 26	23 16	0 28	21 4	1 24	19 31	16 12	23 29	23 27	22 42	15 33	6 58
S 22	9 21	23 33	0 7	9 28	1 32	7 23	1 23	25 31	3 0	5 38	1 36	14 19	2 26	23 16	0 28	21 4	1 24	19 32	16 12	23 29	23 27	22 43	15 34	6 58
M23	9 0	22 4	1n 8	8 42	1 28	6 54	1 22	25 34	2 59	5 41	1 36	14 18	2 26	23 16	0 28	21 4	1 24	19 32	16 12	23 29	23 27	22 43	15 34	6 57
T 24	8 38	19 15	2 17	7 56	1 23	6 24	1 22	25 37	2 58	5 44	1 36	14 18	2 26	23 16	0 28	21 4	1 24	19 33	16 12	23 29	23 27	22 44	15 35	6 57
W25	8 16	15 21	3 18	7 10	1 19	5 54	1 21	25 40	2 57	5 47	1 36	14 18	2 27	23 16	0 28	21 4	1 24	19 34	16 12	23 29	23 27	22 44	15 35	6 56
T 26	7 54	10 42	4 6	6 24	1 14	5 24	1 20	25 43	2 56	5 50	1 36	14 17	2 27	23 16	0 28	21 4	1 24	19 34	16 12	23 29	23 27	22 45	15 36	6 56
F 27	7 32	5 36	4 40	5 37	1 8	4 54	1 19	25 46	2 56	5 53	1 37	14 17	2 27	23 16	0 28	21 4	1 24	19 35	16 12	23 28	23 27	22 45	15 37	6 56
S 28	7 10	0 20	4 58	4 51	1 3	4 24	1 18	25 49	2 55	5 56	1 37	14 17	2 27	23 16	0 28	21 5	1 23	19 35	16 12	23 28	23 26	22 46	15 37	6 55
S 29	6 47	4n50	5 0	4 5	0 57	3 53	1 17	25 51	2 54	6 0	1 37	14 16	2 27	23 17	0 28	21 5	1 23	19 36	16 12	23 28	23 26	22 46	15 38	6 55
M30	6 25	9 40	4 47	3 18	0 51	3 23	1 16	25 54	2 53	6 3	1 37	14 16	2 28	23 17	0 28	21 5	1 23	19 36	16 12	23 27	23 26	22 47	15 38	6 54
T 31	6n 2	14n 1	4n21	2n32	0n44	2n52	1n15	25s56	2s52	6s 6	1s37	14n15	2s28	23s17	0s28	21s 5	1n23	19s37	16s13	23s27	23s26	22n47	15s39	6n54

Julian Day Number = 2204130.5, Delta T = 09m50s
Ecliptic obliquity = 23°31'38, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°17'31, Lahiri = 14°24'32 Julian Calendar 1 Aug. 1322 == Greg. Calendar 9 Aug. 1322

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ASTRODIENST EPHEMERIS for the year 1322
geocentric

SEPTEMBER 1322 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	23 10 22	15♍42'34	7♉54	27♍ 1	26♍56	19♐37	18°R14	15°R43	13°R41	13♐ 8	17°R59	25°R18	25♐ 2	3♊35	16°R34	W 1
T 2	23 14 19	16°41'12	19°53	28°41	28°11	20°13	18♓ 6	15♉42	13♑40	13° 9	17♓58	25♐13	24°59	3°41	16♑33	T 2
F 3	23 18 15	17°39'52	1♊43	0♎19	29°26	20°50	17°58	15°40	13°40	13° 9	17°56	25°11	24°56	3°48	16°32	F 3
S 4	23 22 12	18°38'34	13°32	1°57	0♎40	21°26	17°50	15°39	13°39	13°10	17°55	25°10	24°52	3°54	16°31	S 4
S 5	23 26 8	19°37'18	25°22	3°33	1°55	22° 3	17°42	15°37	13°38	13°11	17°54	25°10	24°49	4° 1	16°30	S 5
M 6	23 30 5	20°36'05	7♋21	5° 9	3° 9	22°40	17°34	15°36	13°38	13°11	17°53	25° 9	24°46	4° 8	16°29	M 6
T 7	23 34 1	21°34'54	19°33	6°43	4°24	23°18	17°26	15°34	13°37	13°12	17°51	25° 8	24°43	4°14	16°28	T 7
W 8	23 37 58	22°33'45	2♌ 4	8°17	5°38	23°55	17°18	15°32	13°37	13°13	17°50	25° 4	24°40	4°21	16°28	W 8
T 9	23 41 55	23°32'38	14°56	9°50	6°53	24°33	17°10	15°30	13°37	13°13	17°49	24°57	24°36	4°28	16°27	T 9
F 10	23 45 51	24°31'34	28°12	11°22	8° 7	25°11	17° 2	15°28	13°36	13°14	17°48	24°48	24°33	4°34	16°27	F 10
S 11	23 49 48	25°30'32	11♍52	12°53	9°22	25°49	16°55	15°26	13°36	13°15	17°47	24°37	24°30	4°41	16°26	S 11
S 12	23 53 44	26°29'32	25°53	14°23	10°37	26°27	16°47	15°24	13°36	13°16	17°45	24°24	24°27	4°48	16°26	S 12
M13	23 57 41	27°28'34	10♎11	15°52	11°51	27° 5	16°39	15°21	13°36	13°16	17°44	24°12	24°24	4°54	16°26	M13
T 14	0 1 37	28°27'38	24°40	17°20	13° 6	27°44	16°31	15°19	13°36	13°17	17°43	24° 2	24°21	5° 1	16°25	T 14
W15	0 5 34	29°26'44	9♏12	18°47	14°20	28°23	16°24	15°16	13°D36	13°18	17°42	23°54	24°17	5° 8	16°25	W15
T 16	0 9 30	0♎25'51	23°41	20°14	15°35	29° 2	16°16	15°14	13°36	13°19	17°41	23°49	24°14	5°14	16°D25	T 16
F 17	0 13 27	1°25'01	8♐ 4	21°39	16°50	29°41	16° 9	15°11	13°36	13°20	17°40	23°47	24°11	5°21	16°25	F 17
S 18	0 17 24	2°24'13	22°17	23° 4	18° 4	0♑20	16° 1	15° 8	13°36	13°21	17°38	23°D46	24° 8	5°28	16°25	S 18
S 19	0 21 20	3°23'26	6♑18	24°27	19°19	1° 0	15°54	15° 5	13°36	13°22	17°37	23°R46	24° 5	5°34	16°26	S 19
M20	0 25 17	4°22'41	20° 8	25°50	20°33	1°40	15°47	15° 2	13°36	13°23	17°36	23°45	24° 2	5°41	16°26	M20
T 21	0 29 13	5°21'58	3♒47	27°11	21°48	2°19	15°40	14°59	13°37	13°24	17°35	23°43	23°58	5°48	16°26	T 21
W22	0 33 10	6°21'16	17°15	28°31	23° 2	2°59	15°33	14°56	13°37	13°25	17°34	23°37	23°55	5°54	16°27	W22
T 23	0 37 6	7°20'37	0♓32	29°50	24°17	3°39	15°26	14°53	13°37	13°26	17°33	23°29	23°52	6° 1	16°27	T 23
F 24	0 41 3	8°19'59	13°38	1♏ 8	25°32	4°20	15°19	14°49	13°38	13°28	17°32	23°19	23°49	6° 8	16°28	F 24
S 25	0 44 59	9°19'23	26°32	2°25	26°46	5° 0	15°12	14°46	13°38	13°29	17°30	23° 6	23°46	6°14	16°28	S 25
S 26	0 48 56	10°18'49	9♈13	3°40	28° 1	5°41	15° 6	14°42	13°39	13°30	17°29	22°53	23°42	6°21	16°29	S 26
M27	0 52 52	11°18'18	21°42	4°53	29°15	6°21	14°59	14°39	13°39	13°31	17°28	22°41	23°39	6°28	16°30	M27
T 28	0 56 49	12°17'48	3♉57	6° 5	0♏30	7° 2	14°53	14°35	13°40	13°33	17°27	22°30	23°36	6°34	16°31	T 28
W29	1 0 46	13°17'20	16° 2	7°16	1°44	7°43	14°47	14°31	13°40	13°34	17°26	22°22	23°33	6°41	16°32	W29
T 30	1 4 42	14♎16'55	27♉57	8♏24	2♏59	8♑24	14♓41	14♉27	13♑41	13♐35	17♓25	22♐17	23♐30	6♊47	16♑33	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	5n39	17n42	3n43	1n46	0n38	2n21	1n14	25 s58	2 s51	6 s 9	1 s37	14n15	2 s28	23 s17	0 s28	21 s 5	1n23	19 s37	16 s13	23 s27	23 s26	22n48	15 s40	6n53
T 2	5 16	20 35	2 55	1 0	0 31	1 50	1 13	26 0	2 50	6 12	1 37	14 14	2 28	23 17	0 28	21 5	1 23	19 38	16 13	23 26	23 26	22 48	15 40	6 53
F 3	4 54	22 33	2 1	0 15	0 24	1 19	1 12	26 2	2 49	6 16	1 37	14 13	2 28	23 17	0 28	21 5	1 23	19 38	16 13	23 26	23 26	22 49	15 41	6 52
S 4	4 31	23 31	1 1	0 s30	0 18	0 48	1 10	26 3	2 49	6 19	1 37	14 13	2 29	23 17	0 28	21 5	1 23	19 39	16 13	23 26	23 26	22 49	15 41	6 52
S 5	4 7	23 26	0 s 1	1 15	0 11	0 17	1 9	26 5	2 48	6 22	1 37	14 12	2 29	23 17	0 28	21 5	1 23	19 39	16 13	23 26	23 26	22 50	15 42	6 51
M 6	3 44	22 15	1 4	2 0	0 3	0 s14	1 7	26 6	2 47	6 25	1 37	14 12	2 29	23 17	0 28	21 6	1 23	19 40	16 13	23 26	23 25	22 50	15 42	6 51
T 7	3 21	20 2	2 5	2 44	0 s 4	0 45	1 6	26 7	2 46	6 28	1 37	14 11	2 29	23 17	0 28	21 6	1 23	19 40	16 13	23 26	23 25	22 51	15 43	6 51
W 8	2 58	16 49	3 2	3 28	0 11	1 16	1 4	26 8	2 45	6 31	1 37	14 10	2 29	23 17	0 28	21 6	1 23	19 41	16 13	23 26	23 25	22 51	15 43	6 50
T 9	2 34	12 44	3 51	4 11	0 18	1 47	1 3	26 9	2 44	6 35	1 37	14 9	2 30	23 17	0 28	21 6	1 23	19 41	16 13	23 26	23 25	22 51	15 44	6 50
F 10	2 11	7 56	4 29	4 54	0 26	2 18	1 1	26 9	2 43	6 38	1 37	14 9	2 30	23 17	0 27	21 6	1 23	19 42	16 13	23 25	23 25	22 52	15 44	6 49
S 11	1 47	2 37	4 53	5 37	0 33	2 49	0 59	26 9	2 42	6 41	1 37	14 8	2 30	23 17	0 27	21 6	1 23	19 42	16 13	23 25	23 25	22 52	15 45	6 49
S 12	1 24	2 s57	5 0	6 19	0 40	3 20	0 58	26 10	2 41	6 44	1 37	14 7	2 30	23 17	0 27	21 6	1 23	19 42	16 13	23 25	23 25	22 53	15 46	6 48
M13	1 0	8 28	4 49	7 0	0 48	3 51	0 56	26 10	2 40	6 47	1 37	14 6	2 30	23 17	0 27	21 7	1 23	19 43	16 12	23 24	23 24	22 53	15 46	6 48
T 14	0 37	13 36	4 19	7 41	0 55	4 22	0 54	26 9	2 39	6 50	1 37	14 5	2 31	23 17	0 27	21 7	1 23	19 43	16 12	23 24	23 24	22 53	15 47	6 47
W15	0 13	17 58	3 32	8 21	1 2	4 53	0 52	26 9	2 38	6 53	1 37	14 4	2 31	23 17	0 27	21 7	1 23	19 44	16 12	23 23	23 24	22 54	15 47	6 47
T 16	0 s10	21 13	2 32	9 1	1 10	5 23	0 50	26 8	2 37	6 55	1 37	14 3	2 31	23 17	0 27	21 7	1 22	19 44	16 12	23 23	23 24	22 54	15 48	6 46
F 17	0 34	23 5	1 22	9 39	1 17	5 54	0 48	26 8	2 36	6 58	1 37	14 2	2 31	23 17	0 27	21 7	1 22	19 45	16 12	23 23	23 24	22 55	15 48	6 46
S 18	0 58	23 26	0 8	10 18	1 24	6 24	0 46	26 7	2 35	7 1	1 37	14 1	2 31	23 17	0 27	21 7	1 22	19 45	16 12	23 23	23 24	22 55	15 48	6 45
S 19	1 21	22 17	1n 6	10 55	1 31	6 55	0 44	26 5	2 34	7 4	1 37	14 0	2 31	23 17	0 27	21 8	1 22	19 45	16 12	23 23	23 24	22 55	15 49	6 45
M20	1 45	19 47	2 15	11 32	1 38	7 25	0 42	26 4	2 33	7 7	1 37	13 59	2 31	23 17	0 27	21 8	1 22	19 46	16 12	23 23	23 24	22 56	15 49	6 44
T 21	2 8	16 13	3 15	12 8	1 45	7 55	0 40	26 2	2 32	7 9	1 37	13 58	2 32	23 17	0 27	21 8	1 22	19 46	16 12	23 23	23 23	22 56	15 50	6 44
W22	2 32	11 51	4 3	12 43	1 52	8 25	0 37	26 0	2 31	7 12	1 36	13 57	2 32	23 17	0 27	21 8	1 22	19 46	16 12	23 22	23 23	22 56	15 50	6 43
T 23	2 55	6 59	4 38	13 18	1 58	8 54	0 35	25 58	2 30	7 15	1 36	13 56	2 32	23 17	0 27	21 8	1 22	19 47	16 12	23 22	23 23	22 57	15 51	6 43
F 24	3 19	1 53	4 57	13 51	2 5	9 24	0 33	25 56	2 29	7 17	1 36	13 55	2 32	23 17	0 27	21 8	1 22	19 47	16 12	23 21	23 23	22 57	15 51	6 42
S 25	3 42	3n13	5 1	14 24	2 11	9 53	0 31	25 53	2 28	7 20	1 36	13 54	2 32	23 17	0 27	21 9	1 22	19 47	16 11	23 21	23 23	22 57	15 52	6 42
S 26	4 6	8 6	4 49	14 56	2 17	10 22	0 28	25 51	2 26	7 22	1 36	13 53	2 32	23 17	0 27	21 9	1 22	19 48	16 11	23 20	23 23	22 58	15 52	6 41
M27	4 29	12 34	4 24	15 26	2 23	10 51	0 26	25 48	2 25	7 24	1 36	13 52	2 32	23 17	0 27	21 9	1 22	19 48	16 11	23 19	23 22	22 58	15 52	6 41
T 28	4 53	16 26	3 47	15 56	2 28	11 19	0 23	25 44	2 24	7 27	1 36	13 51	2 33	23 16	0 27	21 9	1 22	19 48	16 11	23 19	23 22	22 58	15 53	6 40
W29	5 16	19 34	3 0	16 24	2 33	11 48	0 21	25 41	2 23	7 29	1 36	13 49	2 33	23 16	0 27	21 9	1 22	19 49	16 11	23 18	23 22	22 59	15 53	6 40
T 30	5 s39	21n49	2n 6	16 s51	2 s38	12 s16	0n18	25 s37	2 s22	7 s31	1 s35	13n48	2 s33	23 s16	0 s27	21 s10	1n22	19 s49	16 s11	23 s18	23 s22	22n59	15 s53	6n39

Julian Day Number = 2204161.5, Delta T = 09m50s
Ecliptic obliquity = 23°31'38, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°17'36, Lahiri = 14°24'36 Julian Calendar 1 Sept. 1322 == Greg. Calendar 9 Sept. 1322

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ASTRODIENST EPHEMERIS for the year 1322
geocentric

OCTOBER 1322 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	1 8 39	15♎16'32	9♊45	9♏30	4♏13	9♑ 5	14°R35	14°R23	13♑42	13♐37	17°R24	22°R14	23♐27	6♊54	16♑34	F 1
S 2	1 12 35	16°16'12	21°32	10°34	5°28	9°46	14♓29	14♉19	13°43	13°38	17♓23	22°D13	23°23	7° 1	16°35	S 2
S 3	1 16 32	17°15'53	3♋21	11°36	6°42	10°27	14°24	14°15	13°44	13°39	17°22	22♐13	23°20	7° 7	16°36	S 3
M 4	1 20 28	18°15'37	15°18	12°35	7°57	11° 9	14°18	14°11	13°45	13°41	17°21	22°R14	23°17	7°14	16°37	M 4
T 5	1 24 25	19°15'23	27°28	13°31	9°12	11°51	14°13	14° 7	13°46	13°42	17°20	22°14	23°14	7°21	16°39	T 5
W 6	1 28 21	20°15'12	9♌57	14°24	10°26	12°32	14° 8	14° 3	13°47	13°44	17°19	22°12	23°11	7°27	16°40	W 6
T 7	1 32 18	21°15'02	22°50	15°13	11°41	13°14	14° 3	13°59	13°48	13°45	17°18	22° 7	23° 7	7°34	16°42	T 7
F 8	1 36 15	22°14'55	6♍ 8	15°58	12°55	13°56	13°58	13°54	13°49	13°47	17°17	22° 1	23° 4	7°41	16°43	F 8
S 9	1 40 11	23°14'50	19°55	16°38	14°10	14°38	13°54	13°50	13°50	13°49	17°16	21°52	23° 1	7°47	16°45	S 9
S 10	1 44 8	24°14'47	4♎ 8	17°13	15°24	15°20	13°49	13°46	13°51	13°50	17°15	21°43	22°58	7°54	16°47	S 10
M11	1 48 4	25°14'47	18°43	17°43	16°39	16° 2	13°45	13°41	13°52	13°52	17°14	21°34	22°55	8° 1	16°49	M11
T 12	1 52 1	26°14'48	3♏33	18° 7	17°53	16°45	13°41	13°37	13°54	13°53	17°13	21°25	22°52	8° 7	16°51	T 12
W13	1 55 57	27°14'51	18°29	18°24	19° 8	17°27	13°37	13°32	13°55	13°55	17°12	21°19	22°48	8°14	16°53	W13
T 14	1 59 54	28°14'56	3♐24	18°34	20°22	18° 9	13°34	13°27	13°57	13°57	17°12	21°16	22°45	8°21	16°55	T 14
F 15	2 3 50	29°15'03	18° 8	18°R36	21°37	18°52	13°30	13°23	13°58	13°59	17°11	21°D14	22°42	8°27	16°57	F 15
S 16	2 7 47	0♏15'11	2♑37	18°29	22°51	19°35	13°27	13°18	14° 0	14° 0	17°10	21°15	22°39	8°34	16°59	S 16
S 17	2 11 44	1°15'21	16°48	18°14	24° 6	20°17	13°24	13°13	14° 1	14° 2	17° 9	21°16	22°36	8°41	17° 1	S 17
M18	2 15 40	2°15'33	0♒40	17°48	25°20	21° 0	13°21	13° 9	14° 3	14° 4	17° 8	21°R16	22°33	8°47	17° 3	M18
T 19	2 19 37	3°15'46	14°14	17°13	26°35	21°43	13°19	13° 4	14° 4	14° 6	17° 7	21°16	22°29	8°54	17° 6	T 19
W20	2 23 33	4°16'00	27°30	16°29	27°49	22°26	13°16	12°59	14° 6	14° 8	17° 7	21°13	22°26	9° 0	17° 8	W20
T 21	2 27 30	5°16'16	10♓31	15°34	29° 4	23° 9	13°14	12°54	14° 8	14° 9	17° 6	21° 9	22°23	9° 7	17°11	T 21
F 22	2 31 26	6°16'33	23°18	14°32	0♗18	23°52	13°12	12°49	14°10	14°11	17° 5	21° 2	22°20	9°14	17°13	F 22
S 23	2 35 23	7°16'52	5♈52	13°22	1°32	24°35	13°10	12°44	14°11	14°13	17° 5	20°54	22°17	9°20	17°16	S 23
S 24	2 39 19	8°17'13	18°16	12° 6	2°47	25°19	13° 8	12°40	14°13	14°15	17° 4	20°46	22°13	9°27	17°19	S 24
M25	2 43 16	9°17'35	0♉29	10°47	4° 1	26° 2	13° 7	12°35	14°15	14°17	17° 3	20°38	22°10	9°34	17°21	M25
T 26	2 47 13	10°17'59	12°34	9°26	5°16	26°45	13° 6	12°30	14°17	14°19	17° 2	20°31	22° 7	9°40	17°24	T 26
W27	2 51 9	11°18'25	24°30	8° 8	6°30	27°29	13° 4	12°25	14°19	14°21	17° 2	20°26	22° 4	9°47	17°27	W27
T 28	2 55 6	12°18'52	6♊21	6°53	7°44	28°12	13° 4	12°20	14°21	14°23	17° 1	20°23	22° 1	9°54	17°30	T 28
F 29	2 59 2	13°19'21	18° 8	5°45	8°59	28°56	13° 3	12°15	14°23	14°25	17° 1	20°D22	21°58	10° 0	17°33	F 29
S 30	3 2 59	14°19'52	29°55	4°45	10°13	29°39	13° 3	12°10	14°25	14°27	17° 0	20°23	21°54	10° 7	17°36	S 30
S 31	3 6 55	15♏20'25	11♋44	3♏56	11♐28	0♒23	13♓ 2	12♉ 5	14♑28	14♐29	17♓ 0	20♐24	21♐51	10♊14	17♑39	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	6s 2	23n 5	1n 6	17s17	2s43	12s43	0n16	25s34	2s21	7s33	1s35	13n47	2s33	23s16	0s27	21s10	1n22	19s49	16s11	23s18	23s22	22n59	15s54	6n39
S 2	6 25	23 19	0 4	17 42	2 47	13 11	0 13	25 30	2 20	7 35	1 35	13 46	2 33	23 16	0 27	21 10	1 22	19 49	16 10	23 18	23 22	23 0	15 54	6 38
S 3	6 48	22 30	0s59	18 5	2 51	13 38	0 11	25 25	2 19	7 37	1 35	13 44	2 33	23 16	0 27	21 10	1 22	19 50	16 10	23 18	23 22	23 0	15 55	6 38
M 4	7 11	20 39	2 0	18 26	2 54	14 5	0 8	25 21	2 18	7 39	1 35	13 43	2 33	23 16	0 27	21 11	1 22	19 50	16 10	23 18	23 21	23 0	15 55	6 37
T 5	7 34	17 51	2 57	18 46	2 57	14 31	0 6	25 16	2 17	7 41	1 35	13 42	2 33	23 16	0 27	21 11	1 22	19 50	16 10	23 18	23 21	23 0	15 55	6 37
W 6	7 57	14 11	3 47	19 4	3 0	14 57	0 3	25 11	2 15	7 43	1 34	13 40	2 33	23 16	0 27	21 11	1 22	19 50	16 10	23 18	23 21	23 1	15 55	6 36
T 7	8 19	9 45	4 27	19 21	3 1	15 23	0 1	25 6	2 14	7 45	1 34	13 39	2 33	23 15	0 27	21 11	1 21	19 51	16 10	23 18	23 21	23 1	15 56	6 36
F 8	8 42	4 44	4 54	19 35	3 2	15 48	0s 2	25 0	2 13	7 46	1 34	13 38	2 34	23 15	0 27	21 11	1 21	19 51	16 9	23 17	23 21	23 1	15 56	6 35
S 9	9 4	0s40	5 5	19 47	3 2	16 13	0 5	24 55	2 12	7 48	1 34	13 36	2 34	23 15	0 27	21 12	1 21	19 51	16 9	23 17	23 21	23 2	15 56	6 35
S 10	9 26	6 12	4 58	19 57	3 2	16 38	0 7	24 49	2 11	7 49	1 34	13 35	2 34	23 15	0 27	21 12	1 21	19 51	16 9	23 16	23 20	23 2	15 57	6 34
M11	9 48	11 33	4 32	20 4	3 0	17 2	0 10	24 42	2 10	7 51	1 33	13 34	2 34	23 15	0 27	21 12	1 21	19 51	16 9	23 15	23 20	23 2	15 57	6 34
T 12	10 10	16 18	3 47	20 8	2 58	17 25	0 12	24 36	2 9	7 52	1 33	13 32	2 34	23 15	0 27	21 12	1 21	19 52	16 9	23 15	23 20	23 2	15 57	6 34
W13	10 32	20 4	2 47	20 9	2 54	17 49	0 15	24 29	2 8	7 54	1 33	13 31	2 34	23 15	0 27	21 13	1 21	19 52	16 8	23 15	23 20	23 2	15 57	6 33
T 14	10 53	22 27	1 35	20 7	2 49	18 11	0 18	24 23	2 6	7 55	1 33	13 29	2 34	23 14	0 27	21 13	1 21	19 52	16 8	23 14	23 20	23 3	15 58	6 33
F 15	11 15	23 16	0 17	20 2	2 43	18 34	0 20	24 16	2 5	7 56	1 33	13 28	2 34	23 14	0 27	21 13	1 21	19 52	16 8	23 14	23 19	23 3	15 58	6 32
S 16	11 36	22 29	1n 1	19 52	2 35	18 56	0 23	24 8	2 4	7 57	1 32	13 27	2 34	23 14	0 27	21 13	1 21	19 52	16 8	23 14	23 19	23 3	15 58	6 32
S 17	11 57	20 16	2 13	19 39	2 26	19 17	0 26	24 1	2 3	7 58	1 32	13 25	2 34	23 14	0 27	21 14	1 21	19 52	16 7	23 14	23 19	23 3	15 58	6 31
M18	12 18	16 53	3 16	19 21	2 15	19 38	0 28	23 53	2 2	7 59	1 32	13 24	2 34	23 14	0 27	21 14	1 21	19 52	16 7	23 14	23 19	23 4	15 58	6 31
T 19	12 39	12 41	4 7	18 59	2 2	19 58	0 31	23 45	2 1	8 0	1 32	13 22	2 34	23 14	0 27	21 14	1 21	19 52	16 7	23 14	23 19	23 4	15 58	6 30
W20	12 59	7 57	4 43	18 32	1 47	20 18	0 34	23 37	1 59	8 0	1 31	13 21	2 34	23 13	0 27	21 14	1 21	19 52	16 7	23 14	23 19	23 4	15 59	6 30
T 21	13 20	2 58	5 3	18 1	1 31	20 37	0 36	23 28	1 58	8 1	1 31	13 19	2 34	23 13	0 27	21 15	1 21	19 53	16 6	23 14	23 18	23 4	15 59	6 29
F 22	13 40	2n 3	5 8	17 26	1 14	20 55	0 39	23 20	1 57	8 2	1 31	13 18	2 34	23 13	0 27	21 15	1 21	19 53	16 6	23 13	23 18	23 4	15 59	6 29
S 23	14 0	6 54	4 58	16 47	0 55	21 13	0 41	23 11	1 56	8 2	1 31	13 16	2 34	23 13	0 27	21 15	1 21	19 53	16 6	23 13	23 18	23 4	15 59	6 29
S 24	14 19	11 24	4 34	16 5	0 35	21 31	0 44	23 2	1 55	8 2	1 30	13 15	2 34	23 13	0 27	21 15	1 21	19 53	16 6	23 12	23 18	23 5	15 59	6 28
M25	14 39	15 24	3 58	15 20	0 14	21 47	0 47	22 53	1 54	8 3	1 30	13 14	2 34	23 12	0 27	21 16	1 21	19 53	16 5	23 12	23 18	23 5	15 59	6 28
T 26	14 58	18 42	3 11	14 35	0n 6	22 4	0 49	22 43	1 52	8 3	1 30	13 12	2 34	23 12	0 27	21 16	1 21	19 53	16 5	23 11	23 17	23 5	15 59	6 27
W27	15 17	21 10	2 16	13 51	0 27	22 19	0 52	22 33	1 51	8 3	1 30	13 11	2 34	23 12	0 27	21 16	1 21	19 53	16 5	23 11	23 17	23 5	15 59	6 27
T 28	15 35	22 41	1 16	13 8	0 46	22 34	0 54	22 23	1 50	8 3	1 29	13 9	2 34	23 12	0 27	21 16	1 21	19 53	16 4	23 11	23 17	23 5	15 59	6 26
F 29	15 54	23 12	0 12	12 28	1 5	22 48	0 57	22 13	1 49	8 3	1 29	13 8	2 34	23 11	0 27	21 17	1 21	19 53	16 4	23 11	23 17	23 5	15 59	6 26
S 30	16 12	22 40	0s52	11 52	1 22	23 2	0 59	22 3	1 48	8 3	1 29	13 6	2 34	23 11	0 27	21 17	1 21	19 53	16 4	23 11	23 17	23 5	15 59	6 26
S 31	16s30	21n 7	1s54	11s21	1n37	23s15	1s 1	21s52	1s46	8s 3	1s29	13n 5	2s34	23s11	0s27	21s17	1n21	19s53	16s 4	23s11	23s17	23n 6	15s59	6n25

Julian Day Number = 2204191.5, Delta T = 09m49s
Ecliptic obliquity = 23°31'37, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°17'40, Lahiri = 14°24'40 Julian Calendar 1 Oct. 1322 == Greg. Calendar 9 Oct. 1322

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NOVEMBER 1322 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	3 10 52	16♏20'59	23♋41	3°R18	12♐42	1♒ 7	13°D 2	12°R 0	14♑30	14♐31	16°R59	20♐26	21♐48	10♊20	17♑42	M 1
T 2	3 14 48	17°21'35	5♌49	2♏51	13°56	1°50	13♓ 3	11♉55	14°32	14°33	16♓59	20°27	21°45	10°27	17°46	T 2
W 3	3 18 45	18°22'13	18°15	2°36	15°11	2°34	13° 3	11°51	14°34	14°35	16°58	20°R28	21°42	10°34	17°49	W 3
T 4	3 22 42	19°22'52	1♍ 2	2°D32	16°25	3°18	13° 4	11°46	14°37	14°37	16°58	20°27	21°39	10°40	17°52	T 4
F 5	3 26 38	20°23'34	14°15	2°39	17°39	4° 2	13° 4	11°41	14°39	14°39	16°57	20°25	21°35	10°47	17°56	F 5
S 6	3 30 35	21°24'17	27°55	2°57	18°53	4°46	13° 5	11°36	14°42	14°41	16°57	20°22	21°32	10°53	17°59	S 6
S 7	3 34 31	22°25'01	12♎ 5	3°23	20° 8	5°30	13° 7	11°31	14°44	14°43	16°56	20°18	21°29	11° 0	18° 3	S 7
M 8	3 38 28	23°25'47	26°40	3°59	21°22	6°14	13° 8	11°27	14°47	14°46	16°56	20°14	21°26	11° 7	18° 6	M 8
T 9	3 42 24	24°26'35	11♏36	4°41	22°36	6°58	13°10	11°22	14°49	14°48	16°56	20°10	21°23	11°13	18°10	T 9
W10	3 46 21	25°27'24	26°45	5°30	23°51	7°42	13°12	11°17	14°52	14°50	16°55	20° 8	21°19	11°20	18°14	W10
T 11	3 50 17	26°28'15	11♐57	6°25	25° 5	8°26	13°14	11°13	14°54	14°52	16°55	20° 6	21°16	11°27	18°17	T 11
F 12	3 54 14	27°29'06	27° 2	7°25	26°19	9°10	13°16	11° 8	14°57	14°54	16°55	20°D 6	21°13	11°33	18°21	F 12
S 13	3 58 11	28°29'59	11♑52	8°30	27°33	9°55	13°18	11° 3	15° 0	14°56	16°54	20° 7	21°10	11°40	18°25	S 13
S 14	4 2 7	29°30'53	26°22	9°38	28°47	10°39	13°21	10°59	15° 2	14°59	16°54	20° 9	21° 7	11°47	18°29	S 14
M15	4 6 4	0♐31'47	10♒27	10°50	0♑ 2	11°23	13°24	10°54	15° 5	15° 1	16°54	20°10	21° 4	11°53	18°33	M15
T 16	4 10 0	1°32'42	24° 7	12° 5	1°16	12° 7	13°27	10°50	15° 8	15° 3	16°54	20°11	21° 0	12° 0	18°37	T 16
W17	4 13 57	2°33'38	7♓23	13°22	2°30	12°52	13°30	10°46	15°11	15° 5	16°54	20°R11	20°57	12° 7	18°41	W17
T 18	4 17 53	3°34'35	20°19	14°41	3°44	13°36	13°34	10°41	15°14	15° 7	16°53	20°10	20°54	12°13	18°45	T 18
F 19	4 21 50	4°35'32	2♈56	16° 2	4°58	14°20	13°37	10°37	15°16	15°10	16°53	20° 9	20°51	12°20	18°49	F 19
S 20	4 25 46	5°36'30	15°18	17°25	6°12	15° 5	13°41	10°33	15°19	15°12	16°53	20° 6	20°48	12°27	18°53	S 20
S 21	4 29 43	6°37'29	27°28	18°49	7°26	15°49	13°45	10°29	15°22	15°14	16°53	20° 4	20°45	12°33	18°57	S 21
M22	4 33 40	7°38'29	9♉29	20°14	8°40	16°34	13°49	10°24	15°25	15°16	16°53	20° 2	20°41	12°40	19° 2	M22
T 23	4 37 36	8°39'29	21°24	21°40	9°54	17°18	13°54	10°20	15°28	15°19	16°D53	20° 1	20°38	12°46	19° 6	T 23
W24	4 41 33	9°40'30	3♊14	23° 6	11° 8	18° 2	13°58	10°17	15°31	15°21	16°53	20° 0	20°35	12°53	19°10	W24
T 25	4 45 29	10°41'32	15° 2	24°34	12°22	18°47	14° 3	10°13	15°34	15°23	16°53	19°D59	20°32	13° 0	19°15	T 25
F 26	4 49 26	11°42'35	26°50	26° 2	13°36	19°31	14° 8	10° 9	15°37	15°25	16°53	19°59	20°29	13° 6	19°19	F 26
S 27	4 53 22	12°43'39	8♋40	27°31	14°50	20°16	14°13	10° 5	15°40	15°28	16°53	20° 0	20°25	13°13	19°23	S 27
S 28	4 57 19	13°44'43	20°35	29° 0	16° 4	21° 0	14°19	10° 1	15°44	15°30	16°53	20° 0	20°22	13°20	19°28	S 28
M29	5 1 15	14°45'48	2♌36	0♐30	17°18	21°45	14°24	9°58	15°47	15°32	16°54	20° 1	20°19	13°26	19°32	M29
T 30	5 5 12	15♐46'54	14♌49	2♐ 0	18♑32	22♒29	14♓30	9♉54	15♑50	15♐35	16♓54	20♐ 1	20♐16	13♊33	19♑37	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	16s47	18n37	2s52	10s56	1n50	23s27	1s 4	21s42	1s45	8s 3	1s28	13n 4	2s33	23s11	0s27	21s17	1n21	19s52	16s 3	23s11	23s16	23n 6	15s59	6n25
T 2	17 5	15 16	3 44	10 37	2 1	23 39	1 6	21 31	1 44	8 3	1 28	13 2	2 33	23 10	0 27	21 18	1 21	19 52	16 3	23 11	23 16	23 6	15 59	6 24
W 3	17 22	11 12	4 26	10 23	2 10	23 50	1 8	21 20	1 43	8 2	1 28	13 1	2 33	23 10	0 27	21 18	1 21	19 52	16 3	23 11	23 16	23 6	15 59	6 24
T 4	17 38	6 32	4 56	10 15	2 17	24 0	1 11	21 8	1 42	8 2	1 28	12 59	2 33	23 10	0 27	21 18	1 21	19 52	16 2	23 11	23 16	23 6	15 59	6 24
F 5	17 55	1 25	5 12	10 12	2 23	24 10	1 13	20 57	1 41	8 1	1 27	12 58	2 33	23 10	0 27	21 18	1 20	19 52	16 2	23 11	23 16	23 6	15 59	6 23
S 6	18 11	3s56	5 11	10 15	2 26	24 18	1 15	20 45	1 39	8 0	1 27	12 57	2 33	23 9	0 27	21 19	1 20	19 52	16 2	23 11	23 15	23 6	15 59	6 23
S 7	18 26	9 16	4 52	10 22	2 29	24 27	1 17	20 33	1 38	8 0	1 27	12 55	2 33	23 9	0 27	21 19	1 20	19 52	16 1	23 10	23 15	23 6	15 59	6 23
M 8	18 42	14 15	4 13	10 33	2 30	24 34	1 19	20 21	1 37	7 59	1 27	12 54	2 33	23 9	0 27	21 19	1 20	19 52	16 1	23 10	23 15	23 6	15 59	6 22
T 9	18 57	18 29	3 16	10 47	2 29	24 40	1 21	20 9	1 36	7 58	1 26	12 52	2 33	23 8	0 27	21 20	1 20	19 52	16 1	23 10	23 15	23 6	15 59	6 22
W10	19 12	21 32	2 5	11 5	2 28	24 46	1 23	19 56	1 35	7 57	1 26	12 51	2 33	23 8	0 27	21 20	1 20	19 51	16 0	23 9	23 14	23 6	15 59	6 21
T 11	19 26	23 3	0 45	11 25	2 25	24 51	1 25	19 43	1 33	7 56	1 26	12 50	2 32	23 8	0 27	21 20	1 20	19 51	16 0	23 9	23 14	23 7	15 59	6 21
F 12	19 40	22 51	0n38	11 48	2 22	24 56	1 27	19 31	1 32	7 55	1 26	12 49	2 32	23 8	0 27	21 20	1 20	19 51	16 0	23 9	23 14	23 7	15 58	6 21
S 13	19 54	21 3	1 57	12 13	2 18	24 59	1 29	19 17	1 31	7 54	1 25	12 47	2 32	23 7	0 27	21 21	1 20	19 51	15 59	23 9	23 14	23 7	15 58	6 20
S 14	20 7	17 54	3 7	12 39	2 14	25 2	1 31	19 4	1 30	7 53	1 25	12 46	2 32	23 7	0 27	21 21	1 20	19 51	15 59	23 10	23 14	23 7	15 58	6 20
M15	20 20	13 46	4 4	13 6	2 8	25 4	1 33	18 51	1 29	7 51	1 25	12 45	2 32	23 7	0 27	21 21	1 20	19 50	15 59	23 10	23 13	23 7	15 58	6 20
T 16	20 33	9 3	4 44	13 34	2 3	25 6	1 34	18 37	1 28	7 50	1 25	12 44	2 32	23 6	0 27	21 21	1 20	19 50	15 58	23 10	23 13	23 7	15 58	6 19
W17	20 45	4 3	5 9	14 3	1 57	25 6	1 36	18 24	1 26	7 48	1 24	12 42	2 32	23 6	0 27	21 22	1 20	19 50	15 58	23 10	23 13	23 7	15 57	6 19
T 18	20 57	1n 0	5 16	14 32	1 51	25 6	1 38	18 10	1 25	7 47	1 24	12 41	2 31	23 6	0 27	21 22	1 20	19 50	15 58	23 10	23 13	23 7	15 57	6 19
F 19	21 8	5 53	5 9	15 2	1 44	25 5	1 39	17 56	1 24	7 45	1 24	12 40	2 31	23 5	0 27	21 22	1 20	19 49	15 57	23 10	23 13	23 7	15 57	6 19
S 20	21 19	10 27	4 47	15 32	1 37	25 3	1 41	17 41	1 23	7 43	1 24	12 39	2 31	23 5	0 27	21 22	1 20	19 49	15 57	23 9	23 12	23 7	15 57	6 18
S 21	21 30	14 31	4 12	16 2	1 31	25 1	1 42	17 27	1 22	7 42	1 23	12 38	2 31	23 5	0 27	21 23	1 20	19 49	15 57	23 9	23 12	23 7	15 56	6 18
M22	21 40	17 58	3 26	16 32	1 23	24 58	1 43	17 13	1 21	7 40	1 23	12 37	2 31	23 4	0 27	21 23	1 20	19 49	15 56	23 9	23 12	23 7	15 56	6 18
T 23	21 50	20 37	2 32	17 1	1 16	24 54	1 45	16 58	1 19	7 38	1 23	12 36	2 30	23 4	0 26	21 23	1 20	19 48	15 56	23 9	23 12	23 7	15 56	6 17
W24	21 59	22 23	1 32	17 30	1 9	24 49	1 46	16 43	1 18	7 36	1 22	12 35	2 30	23 4	0 26	21 23	1 20	19 48	15 56	23 9	23 11	23 7	15 56	6 17
T 25	22 8	23 8	0 27	17 59	1 2	24 43	1 47	16 28	1 17	7 34	1 22	12 34	2 30	23 3	0 26	21 24	1 20	19 48	15 55	23 9	23 11	23 7	15 55	6 17
F 26	22 16	22 51	0s38	18 27	0 54	24 37	1 48	16 13	1 16	7 31	1 22	12 33	2 30	23 3	0 26	21 24	1 20	19 47	15 55	23 9	23 11	23 7	15 55	6 17
S 27	22 24	21 33	1 42	18 55	0 47	24 30	1 49	15 58	1 15	7 29	1 22	12 32	2 30	23 2	0 26	21 24	1 20	19 47	15 55	23 9	23 11	23 7	15 55	6 16
S 28	22 32	19 16	2 42	19 22	0 39	24 22	1 50	15 43	1 14	7 27	1 21	12 31	2 29	23 2	0 26	21 24	1 20	19 47	15 54	23 9	23 11	23 7	15 54	6 16
M29	22 39	16 9	3 36	19 48	0 32	24 14	1 51	15 27	1 12	7 25	1 21	12 30	2 29	23 2	0 26	21 25	1 20	19 46	15 54	23 9	23 10	23 7	15 54	6 16
T 30	22s46	12n18	4s20	20s14	0n25	24s 5	1s51	15s11	1s11	7s22	1s21	12n29	2s29	23s 1	0s26	21s25	1n20	19s46	15s54	23s 9	23s10	23n 6	15s53	6n16

Julian Day Number = 2204222.5, Delta T = 09m49s
Ecliptic obliquity = 23°31'37, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°17'44, Lahiri = 14°24'45 Julian Calendar 1 Nov. 1322 == Greg. Calendar 9 Nov. 1322

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ASTRODIENST EPHEMERIS for the year 1322
geocentric

DECEMBER 1322 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	5 9 9	16♐48'01	27♌15	3♐31	19♑45	23♒14	14♓36	9°R51	15♑53	15♐37	16♓54	20♐ 2	20♐13	13♊40	19♑42	W 1
T 2	5 13 5	17°49'09	10♍ 0	5° 2	20°59	23°58	14°42	9♉48	15°56	15°39	16°54	20° 2	20°10	13°46	19°46	T 2
F 3	5 17 2	18°50'17	23° 5	6°33	22°13	24°43	14°48	9°44	15°59	15°41	16°54	20°R 2	20° 6	13°53	19°51	F 3
S 4	5 20 58	19°51'26	6♎35	8° 4	23°27	25°27	14°54	9°41	16° 3	15°44	16°55	20°D 2	20° 3	14° 0	19°55	S 4
S 5	5 24 55	20°52'36	20°31	9°36	24°40	26°12	15° 1	9°38	16° 6	15°46	16°55	20° 2	20° 0	14° 6	20° 0	S 5
M 6	5 28 51	21°53'46	4♏52	11° 8	25°54	26°56	15° 7	9°35	16° 9	15°48	16°55	20° 2	19°57	14°13	20° 5	M 6
T 7	5 32 48	22°54'58	19°36	12°40	27° 7	27°41	15°14	9°32	16°13	15°50	16°55	20° 2	19°54	14°20	20°10	T 7
W 8	5 36 44	23°56'09	4♐38	14°12	28°21	28°25	15°21	9°30	16°16	15°53	16°56	20° 3	19°50	14°26	20°15	W 8
T 9	5 40 41	24°57'22	19°50	15°45	29°34	29°10	15°29	9°27	16°19	15°55	16°56	20°R 3	19°47	14°33	20°19	T 9
F 10	5 44 38	25°58'34	5♑ 2	17°18	0♒48	29°54	15°36	9°24	16°23	15°57	16°57	20° 3	19°44	14°39	20°24	F 10
S 11	5 48 34	26°59'47	20° 4	18°51	2° 1	0♓39	15°43	9°22	16°26	15°59	16°57	20° 2	19°41	14°46	20°29	S 11
S 12	5 52 31	28° 1'00	4♒49	20°25	3°15	1°24	15°51	9°19	16°29	16° 2	16°57	20° 1	19°38	14°53	20°34	S 12
M13	5 56 27	29° 2'12	19° 9	21°59	4°28	2° 8	15°59	9°17	16°33	16° 4	16°58	20° 0	19°35	14°59	20°39	M13
T 14	6 0 24	0♑ 3'25	3♓ 2	23°33	5°41	2°53	16° 7	9°15	16°36	16° 6	16°58	19°59	19°31	15° 6	20°44	T 14
W15	6 4 20	1° 4'37	16°28	25° 7	6°55	3°37	16°15	9°13	16°40	16° 8	16°59	19°58	19°28	15°13	20°49	W15
T 16	6 8 17	2° 5'48	29°27	26°42	8° 8	4°22	16°23	9°11	16°43	16°11	16°59	19°D58	19°25	15°19	20°54	T 16
F 17	6 12 14	3° 7'00	12♈ 4	28°17	9°21	5° 6	16°32	9° 9	16°47	16°13	17° 0	19°58	19°22	15°26	20°59	F 17
S 18	6 16 10	4° 8'11	24°23	29°52	10°34	5°51	16°40	9° 7	16°50	16°15	17° 1	19°59	19°19	15°33	21° 4	S 18
S 19	6 20 7	5° 9'22	6♉27	1♑28	11°47	6°35	16°49	9° 6	16°54	16°17	17° 1	20° 0	19°16	15°39	21° 9	S 19
M20	6 24 3	6°10'32	18°21	3° 4	13° 0	7°20	16°58	9° 4	16°57	16°19	17° 2	20° 1	19°12	15°46	21°14	M20
T 21	6 28 0	7°11'42	0♊10	4°41	14°13	8° 4	17° 7	9° 3	17° 1	16°21	17° 2	20° 3	19° 9	15°53	21°19	T 21
W22	6 31 56	8°12'52	11°57	6°18	15°26	8°48	17°16	9° 1	17° 4	16°24	17° 3	20° 4	19° 6	15°59	21°24	W22
T 23	6 35 53	9°14'02	23°45	7°55	16°39	9°33	17°25	9° 0	17° 8	16°26	17° 4	20°R 4	19° 3	16° 6	21°29	T 23
F 24	6 39 49	10°15'11	5♋37	9°33	17°51	10°17	17°35	8°59	17°11	16°28	17° 4	20° 3	19° 0	16°13	21°34	F 24
S 25	6 43 46	11°16'19	17°34	11°11	19° 4	11° 2	17°44	8°58	17°15	16°30	17° 5	20° 1	18°57	16°19	21°39	S 25
S 26	6 47 43	12°17'28	29°38	12°50	20°17	11°46	17°54	8°57	17°18	16°32	17° 6	19°58	18°53	16°26	21°44	S 26
M27	6 51 39	13°18'36	11♌52	14°29	21°29	12°30	18° 4	8°56	17°22	16°34	17° 7	19°54	18°50	16°32	21°50	M27
T 28	6 55 36	14°19'43	24°17	16° 9	22°41	13°15	18°14	8°56	17°25	16°36	17° 8	19°50	18°47	16°39	21°55	T 28
W29	6 59 32	15°20'51	6♍53	17°49	23°54	13°59	18°24	8°55	17°29	16°38	17° 8	19°46	18°44	16°46	22° 0	W29
T 30	7 3 29	16°21'57	19°44	19°30	25° 6	14°43	18°34	8°55	17°32	16°40	17° 9	19°43	18°41	16°52	22° 5	T 30
F 31	7 7 25	17♑23'04	2♎50	21♑11	26♒18	15♓28	18♓44	8♉54	17♑36	16♐42	17♓10	19♐41	18♐37	16♊59	22♑10	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
W 1	22s52	7n52	4s54	20s39	0n18	23s55	1s52	14s56	1s10	7s20	1s21	12n28	2s29	23s 1	0s26	21s25	1n20	19s45	15s53	23s 9	23s10	23n 6	15s53	6n15	W 1
T 2	22 58	3 1	5 13	21 3	0 10	23 44	1 53	14 40	1 9	7 17	1 20	12 27	2 29	23 1	0 26	21 25	1 20	19 45	15 53	23 9	23 10	23 6	15 53	6 15	T 2
F 3	23 3	2s 6	5 18	21 26	0 3	23 33	1 53	14 24	1 8	7 14	1 20	12 26	2 28	23 0	0 26	21 26	1 20	19 45	15 53	23 9	23 9	23 6	15 52	6 15	F 3
S 4	23 8	7 17	5 5	21 48	0s 4	23 21	1 54	14 8	1 7	7 12	1 20	12 26	2 28	23 0	0 26	21 26	1 20	19 44	15 52	23 9	23 9	23 6	15 52	6 15	S 4
S 5	23 13	12 16	4 34	22 9	0 11	23 8	1 54	13 52	1 6	7 9	1 20	12 25	2 28	22 59	0 26	21 26	1 20	19 44	15 52	23 9	23 9	23 6	15 51	6 14	S 5
M 6	23 17	16 44	3 46	22 29	0 18	22 55	1 54	13 35	1 4	7 6	1 20	12 24	2 28	22 59	0 26	21 26	1 20	19 43	15 52	23 9	23 9	23 6	15 51	6 14	M 6
T 7	23 20	20 17	2 42	22 48	0 24	22 41	1 54	13 19	1 3	7 3	1 19	12 24	2 27	22 59	0 26	21 27	1 20	19 43	15 51	23 9	23 8	23 6	15 50	6 14	T 7
W 8	23 23	22 32	1 25	23 6	0 31	22 26	1 54	13 2	1 2	7 0	1 19	12 23	2 27	22 58	0 26	21 27	1 20	19 43	15 51	23 9	23 8	23 6	15 50	6 14	W 8
T 9	23 26	23 9	0 1	23 23	0 37	22 11	1 54	12 46	1 1	6 57	1 19	12 22	2 27	22 58	0 26	21 27	1 20	19 42	15 51	23 9	23 8	23 6	15 49	6 14	T 9
F 10	23 28	22 3	1n22	23 39	0 44	21 55	1 54	12 29	1 0	6 54	1 19	12 22	2 27	22 57	0 26	21 27	1 20	19 42	15 50	23 9	23 8	23 6	15 49	6 14	F 10
S 11	23 30	19 23	2 39	23 53	0 50	21 38	1 54	12 12	0 59	6 51	1 18	12 21	2 26	22 57	0 26	21 28	1 20	19 41	15 50	23 9	23 7	23 6	15 48	6 13	S 11
S 12	23 31	15 30	3 44	24 7	0 56	21 21	1 54	11 55	0 58	6 48	1 18	12 21	2 26	22 56	0 26	21 28	1 20	19 41	15 50	23 9	23 7	23 5	15 48	6 13	S 12
M13	23 31	10 49	4 33	24 19	1 2	21 3	1 54	11 38	0 57	6 45	1 18	12 20	2 26	22 56	0 26	21 28	1 20	19 40	15 49	23 9	23 7	23 5	15 47	6 13	M13
T 14	23 32	5 42	5 4	24 29	1 7	20 45	1 53	11 21	0 56	6 41	1 18	12 20	2 25	22 56	0 26	21 28	1 20	19 40	15 49	23 9	23 7	23 5	15 47	6 13	T 14
W15	23 31	0 30	5 17	24 39	1 13	20 26	1 53	11 4	0 54	6 38	1 17	12 19	2 25	22 55	0 26	21 28	1 20	19 39	15 49	23 9	23 6	23 5	15 46	6 13	W15
T 16	23 31	4n34	5 13	24 47	1 18	20 6	1 52	10 46	0 53	6 35	1 17	12 19	2 25	22 55	0 26	21 29	1 20	19 39	15 48	23 9	23 6	23 5	15 45	6 13	T 16
F 17	23 29	9 18	4 54	24 54	1 23	19 46	1 51	10 29	0 52	6 31	1 17	12 19	2 25	22 54	0 26	21 29	1 20	19 38	15 48	23 9	23 6	23 5	15 45	6 13	F 17
S 18	23 28	13 32	4 22	24 59	1 28	19 26	1 51	10 12	0 51	6 27	1 17	12 18	2 24	22 54	0 26	21 29	1 20	19 38	15 48	23 9	23 6	23 5	15 44	6 12	S 18
S 19	23 26	17 10	3 39	25 4	1 32	19 4	1 50	9 54	0 50	6 24	1 17	12 18	2 24	22 53	0 26	21 29	1 20	19 37	15 47	23 9	23 5	23 4	15 43	6 12	S 19
M20	23 23	20 2	2 47	25 6	1 37	18 43	1 49	9 37	0 49	6 20	1 16	12 18	2 24	22 53	0 26	21 30	1 20	19 37	15 47	23 9	23 5	23 4	15 43	6 12	M20
T 21	23 20	22 1	1 48	25 7	1 41	18 21	1 48	9 19	0 48	6 17	1 16	12 18	2 24	22 53	0 26	21 30	1 20	19 36	15 47	23 9	23 5	23 4	15 42	6 12	T 21
W22	23 16	23 3	0 45	25 7	1 45	17 58	1 47	9 1	0 47	6 13	1 16	12 18	2 23	22 52	0 26	21 30	1 20	19 35	15 46	23 9	23 5	23 4	15 41	6 12	W22
T 23	23 12	23 2	0s20	25 5	1 48	17 35	1 45	8 44	0 46	6 9	1 16	12 17	2 23	22 52	0 26	21 30	1 20	19 35	15 46	23 9	23 4	23 4	15 41	6 12	T 23
F 24	23 8	22 0	1 25	25 2	1 51	17 11	1 44	8 26	0 45	6 5	1 16	12 17	2 23	22 51	0 26	21 30	1 20	19 34	15 46	23 9	23 4	23 4	15 40	6 12	F 24
S 25	23 3	19 57	2 26	24 57	1 54	16 47	1 43	8 8	0 44	6 1	1 15	12 17	2 22	22 51	0 26	21 31	1 20	19 34	15 45	23 9	23 4	23 3	15 39	6 12	S 25
S 26	22 57	17 1	3 21	24 51	1 57	16 23	1 41	7 50	0 43	5 57	1 15	12 17	2 22	22 50	0 26	21 31	1 20	19 33	15 45	23 9	23 4	23 3	15 39	6 12	S 26
M27	22 51	13 19	4 8	24 43	1 59	15 58	1 40	7 32	0 42	5 53	1 15	12 17	2 22	22 50	0 26	21 31	1 20	19 33	15 45	23 8	23 3	23 3	15 38	6 12	M27
T 28	22 45	9 1	4 44	24 33	2 1	15 32	1 38	7 14	0 41	5 49	1 15	12 17	2 21	22 49	0 26	21 31	1 20	19 32	15 44	23 8	23 3	23 3	15 37	6 12	T 28
W29	22 38	4 16	5 6	24 22	2 3	15 7	1 36	6 56	0 40	5 45	1 15	12 18	2 21	22 49	0 26	21 31	1 20	19 31	15 44	23 8	23 3	23 3	15 36	6 12	W29
T 30	22 31	0s44	5 14	24 9	2 4	14 41	1 34	6 38	0 39	5 41	1 14	12 18	2 21	22 49	0 26	21 32	1 20	19 31	15 44	23 8	23 3	23 2	15 36	6 12	T 30
F 31	22s24	5s49	5s 6	23s54	2s 5	14s14	1s32	6s20	0s38	5s37	1s14	12n18	2s21	22s48	0s27	21s32	1n20	19s30	15s44	23s 7	23s 2	23n 2	15s35	6n12	F 31

Julian Day Number = 2204252.5, Delta T = 09m49s
Ecliptic obliquity = 23°31'36, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°17'48, Lahiri = 14°24'49 Julian Calendar 1 Dec. 1322 == Greg. Calendar 9 Dec. 1322

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ASTRODIENST EPHEMERIS for the year 1323
geocentric

JANUARY 1323 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	7 11 22	18♑24'10	16♎15	22♑53	27♒30	16♓12	18♓54	8°R54	17♑39	16♐44	17♓11	19°D40	18♐34	17♊ 6	22♑15	S 1
S 2	7 15 18	19°25'16	29°59	24°35	28°42	16°56	19° 5	8°D54	17°43	16°46	17°12	19♐40	18°31	17°12	22°20	S 2
M 3	7 19 15	20°26'22	14♏ 3	26°18	29°54	17°40	19°16	8♉54	17°47	16°48	17°13	19°41	18°28	17°19	22°26	M 3
T 4	7 23 12	21°27'27	28°26	28° 0	1♓ 6	18°24	19°26	8°54	17°50	16°50	17°14	19°43	18°25	17°26	22°31	T 4
W 5	7 27 8	22°28'32	13♐ 7	29°44	2°18	19° 9	19°37	8°54	17°54	16°52	17°15	19°R44	18°22	17°32	22°36	W 5
T 6	7 31 5	23°29'37	28° 0	1♒27	3°30	19°53	19°48	8°55	17°57	16°54	17°16	19°44	18°18	17°39	22°41	T 6
F 7	7 35 1	24°30'40	12♑59	3°11	4°41	20°37	19°59	8°55	18° 1	16°56	17°17	19°42	18°15	17°46	22°46	F 7
S 8	7 38 58	25°31'43	27°55	4°55	5°53	21°21	20°10	8°56	18° 4	16°58	17°18	19°38	18°12	17°52	22°51	S 8
S 9	7 42 54	26°32'45	12♒40	6°39	7° 4	22° 5	20°22	8°56	18° 8	17° 0	17°19	19°33	18° 9	17°59	22°57	S 9
M10	7 46 51	27°33'46	27° 6	8°24	8°16	22°49	20°33	8°57	18°11	17° 2	17°20	19°27	18° 6	18° 5	23° 2	M10
T 11	7 50 47	28°34'46	11♓ 7	10° 7	9°27	23°33	20°44	8°58	18°15	17° 3	17°21	19°21	18° 3	18°12	23° 7	T 11
W12	7 54 44	29°35'44	24°41	11°51	10°38	24°17	20°56	8°59	18°18	17° 5	17°22	19°15	17°59	18°19	23°12	W12
T 13	7 58 41	0♒36'41	7♈48	13°33	11°49	25° 1	21° 8	9° 0	18°22	17° 7	17°23	19°11	17°56	18°25	23°17	T 13
F 14	8 2 37	1°37'37	20°30	15°15	13° 0	25°45	21°19	9° 2	18°25	17° 9	17°24	19° 8	17°53	18°32	23°22	F 14
S 15	8 6 34	2°38'32	2♉51	16°56	14°10	26°29	21°31	9° 3	18°29	17°10	17°25	19°D 7	17°50	18°39	23°27	S 15
S 16	8 10 30	3°39'25	14°55	18°35	15°21	27°13	21°43	9° 4	18°32	17°12	17°26	19° 8	17°47	18°45	23°33	S 16
M17	8 14 27	4°40'17	26°48	20°12	16°32	27°57	21°55	9° 6	18°36	17°14	17°28	19°10	17°43	18°52	23°38	M17
T 18	8 18 23	5°41'07	8♊36	21°47	17°42	28°40	22° 7	9° 8	18°39	17°16	17°29	19°11	17°40	18°59	23°43	T 18
W19	8 22 20	6°41'56	20°22	23°19	18°52	29°24	22°19	9°10	18°43	17°17	17°30	19°R12	17°37	19° 5	23°48	W19
T 20	8 26 16	7°42'43	2♋12	24°48	20° 2	0♈ 8	22°32	9°12	18°46	17°19	17°31	19°10	17°34	19°12	23°53	T 20
F 21	8 30 13	8°43'30	14° 9	26°12	21°12	0°52	22°44	9°14	18°49	17°20	17°32	19° 7	17°31	19°19	23°58	F 21
S 22	8 34 10	9°44'14	26°15	27°32	22°22	1°35	22°56	9°16	18°53	17°22	17°34	19° 2	17°28	19°25	24° 3	S 22
S 23	8 38 6	10°44'57	8♌33	28°46	23°31	2°19	23° 9	9°18	18°56	17°24	17°35	18°54	17°24	19°32	24° 8	S 23
M24	8 42 3	11°45'39	21° 3	29°54	24°41	3° 3	23°21	9°20	18°59	17°25	17°36	18°44	17°21	19°39	24°13	M24
T 25	8 45 59	12°46'19	3♍47	0♓56	25°50	3°46	23°34	9°23	19° 3	17°27	17°37	18°34	17°18	19°45	24°18	T 25
W26	8 49 56	13°46'58	16°42	1°49	26°59	4°30	23°47	9°25	19° 6	17°28	17°39	18°24	17°15	19°52	24°23	W26
T 27	8 53 52	14°47'36	29°50	2°34	28° 8	5°13	24° 0	9°28	19° 9	17°29	17°40	18°15	17°12	19°58	24°28	T 27
F 28	8 57 49	15°48'13	13♎10	3°11	29°17	5°57	24°12	9°31	19°13	17°31	17°41	18° 8	17° 8	20° 5	24°33	F 28
S 29	9 1 45	16°48'48	26°41	3°37	0♈26	6°40	24°25	9°34	19°16	17°32	17°43	18° 4	17° 5	20°12	24°37	S 29
S 30	9 5 42	17°49'22	10♏24	3°54	1°34	7°24	24°38	9°37	19°19	17°34	17°44	18° 2	17° 2	20°18	24°42	S 30
M31	9 9 39	18♒49'55	24♏19	4°R 1	2♈43	8♈ 7	24♓51	9♉40	19♑22	17♐35	17♓45	18°D 2	16♐59	20♊25	24♑47	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22s15	10s44	4s41	23s38	2s 5	13s47	1s30	6s 2	0s37	5s32	1s14	12n18	2s20	22s48	0s27	21s32	1n20	19s30	15s43	23s 7	23s 2	23n 2	15s34	6n11
S 2	22 7	15 14	4 0	23 20	2 5	13 20	1 28	5 43	0 36	5 28	1 14	12 18	2 20	22 47	0 27	21 32	1 20	19 29	15 43	23 7	23 2	23 2	15 33	6 11
M 3	21 58	19 2	3 3	23 0	2 4	12 53	1 26	5 25	0 35	5 24	1 14	12 19	2 20	22 47	0 27	21 32	1 20	19 28	15 43	23 7	23 1	23 1	15 33	6 11
T 4	21 49	21 44	1 54	22 39	2 3	12 25	1 23	5 7	0 34	5 19	1 14	12 19	2 19	22 46	0 27	21 32	1 20	19 28	15 42	23 8	23 1	23 1	15 32	6 11
W 5	21 39	23 3	0 36	22 16	2 2	11 57	1 21	4 49	0 33	5 15	1 13	12 19	2 19	22 46	0 27	21 33	1 20	19 27	15 42	23 8	23 1	23 1	15 31	6 11
T 6	21 28	22 46	0n45	21 51	2 0	11 29	1 18	4 30	0 32	5 10	1 13	12 20	2 19	22 45	0 27	21 33	1 20	19 26	15 42	23 8	23 1	23 1	15 30	6 11
F 7	21 18	20 50	2 4	21 25	1 57	11 0	1 16	4 12	0 31	5 6	1 13	12 20	2 18	22 45	0 27	21 33	1 20	19 26	15 42	23 8	23 0	23 0	15 29	6 11
S 8	21 7	17 30	3 13	20 57	1 54	10 31	1 13	3 54	0 30	5 1	1 13	12 21	2 18	22 44	0 27	21 33	1 20	19 25	15 41	23 7	23 0	23 0	15 28	6 12
S 9	20 55	13 5	4 9	20 27	1 50	10 2	1 10	3 35	0 29	4 57	1 13	12 21	2 18	22 44	0 27	21 33	1 20	19 24	15 41	23 7	23 0	23 0	15 28	6 12
M10	20 43	8 1	4 48	19 56	1 46	9 33	1 7	3 17	0 28	4 52	1 13	12 22	2 18	22 43	0 27	21 33	1 20	19 24	15 41	23 6	22 59	22 59	15 27	6 12
T 11	20 31	2 41	5 8	19 23	1 41	9 3	1 4	2 59	0 27	4 47	1 12	12 22	2 17	22 43	0 27	21 34	1 20	19 23	15 41	23 6	22 59	22 59	15 26	6 12
W12	20 19	2n37	5 9	18 49	1 35	8 33	1 1	2 40	0 26	4 43	1 12	12 23	2 17	22 43	0 27	21 34	1 20	19 22	15 40	23 5	22 59	22 59	15 25	6 12
T 13	20 6	7 37	4 55	18 14	1 29	8 3	0 58	2 22	0 25	4 38	1 12	12 24	2 17	22 42	0 27	21 34	1 20	19 22	15 40	23 5	22 59	22 59	15 24	6 12
F 14	19 52	12 8	4 26	17 37	1 21	7 33	0 55	2 4	0 24	4 33	1 12	12 24	2 16	22 42	0 27	21 34	1 20	19 21	15 40	23 5	22 58	22 58	15 23	6 12
S 15	19 38	16 1	3 45	16 59	1 13	7 3	0 52	1 45	0 23	4 28	1 12	12 25	2 16	22 41	0 27	21 34	1 21	19 20	15 40	23 5	22 58	22 58	15 22	6 12
S 16	19 24	19 10	2 55	16 20	1 5	6 32	0 48	1 27	0 22	4 24	1 12	12 26	2 16	22 41	0 27	21 34	1 21	19 20	15 39	23 5	22 58	22 58	15 21	6 12
M17	19 10	21 26	1 58	15 40	0 55	6 1	0 45	1 8	0 21	4 19	1 11	12 26	2 15	22 40	0 27	21 34	1 21	19 19	15 39	23 5	22 57	22 57	15 20	6 12
T 18	18 55	22 45	0 57	15 0	0 45	5 31	0 41	0 50	0 20	4 14	1 11	12 27	2 15	22 40	0 27	21 35	1 21	19 18	15 39	23 5	22 57	22 57	15 19	6 12
W19	18 40	23 4	0s 6	14 19	0 34	5 0	0 38	0 32	0 19	4 9	1 11	12 28	2 15	22 39	0 27	21 35	1 21	19 18	15 39	23 5	22 57	22 57	15 18	6 12
T 20	18 24	22 21	1 10	13 39	0 22	4 29	0 34	0 14	0 18	4 4	1 11	12 29	2 15	22 39	0 27	21 35	1 21	19 17	15 38	23 5	22 57	22 56	15 18	6 12
F 21	18 9	20 36	2 11	12 58	0 9	3 58	0 30	0n 5	0 17	3 59	1 11	12 30	2 14	22 38	0 27	21 35	1 21	19 16	15 38	23 5	22 56	22 56	15 17	6 12
S 22	17 53	17 56	3 6	12 18	0n 5	3 27	0 26	0 23	0 16	3 54	1 11	12 31	2 14	22 38	0 27	21 35	1 21	19 16	15 38	23 4	22 56	22 56	15 16	6 13
S 23	17 36	14 26	3 54	11 39	0 19	2 55	0 22	0 41	0 16	3 49	1 11	12 32	2 14	22 38	0 27	21 35	1 21	19 15	15 38	23 4	22 56	22 55	15 15	6 13
M24	17 19	10 15	4 31	11 1	0 34	2 24	0 18	0 59	0 15	3 44	1 11	12 33	2 13	22 37	0 27	21 35	1 21	19 14	15 38	23 3	22 55	22 55	15 14	6 13
T 25	17 2	5 34	4 55	10 25	0 49	1 53	0 14	1 18	0 14	3 38	1 10	12 34	2 13	22 37	0 27	21 35	1 21	19 14	15 37	23 2	22 55	22 55	15 13	6 13
W26	16 45	0 35	5 5	9 52	1 5	1 21	0 10	1 36	0 13	3 33	1 10	12 35	2 13	22 36	0 27	21 36	1 21	19 13	15 37	23 1	22 55	22 54	15 12	6 13
T 27	16 27	4s30	4 59	9 20	1 21	0 50	0 6	1 54	0 12	3 28	1 10	12 36	2 13	22 36	0 27	21 36	1 21	19 12	15 37	23 0	22 54	22 54	15 11	6 13
F 28	16 9	9 28	4 37	8 52	1 37	0 19	0 2	2 12	0 11	3 23	1 10	12 37	2 12	22 35	0 27	21 36	1 21	19 12	15 37	23 0	22 54	22 53	15 10	6 13
S 29	15 51	14 2	3 59	8 27	1 53	0n13	0n 3	2 30	0 10	3 18	1 10	12 39	2 12	22 35	0 27	21 36	1 21	19 11	15 37	22 59	22 54	22 53	15 9	6 14
S 30	15 33	17 57	3 7	8 6	2 9	0 44	0 7	2 48	0 9	3 12	1 10	12 40	2 12	22 34	0 27	21 36	1 21	19 10	15 37	22 59	22 54	22 53	15 8	6 14
M31	15s14	20s55	2s 3	7s50	2n25	1n15	0n12	3n 6	0s 9	3s 7	1s10	12n41	2s11	22s34	0s27	21s36	1n21	19s10	15s36	22s59	22s53	22n52	15s 7	6n14

Julian Day Number = 2204283.5, Delta T = 09m49s
Ecliptic obliquity = 23°31'36, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°17'52, Lahiri = 14°24'53 Julian Calendar 1 Jan. 1323 == Greg. Calendar 9 Jan. 1323

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ASTRODIENST EPHEMERIS for the year 1323
geocentric

FEBRUARY 1323 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 13 35	19♒50'26	8♐27	3°R57	3♈51	8♈50	25♓ 4	9♉43	19♑25	17♐36	17♓47	18♐ 3	16♐56	20♊32	24♑52	T 1
W 2	9 17 32	20°50'57	22°45	3♓43	4°59	9°34	25°18	9°46	19°29	17°37	17°48	18°R 3	16°53	20°38	24°57	W 2
T 3	9 21 28	21°51'26	7♑13	3°19	6° 6	10°17	25°31	9°50	19°32	17°39	17°50	18° 1	16°49	20°45	25° 1	T 3
F 4	9 25 25	22°51'53	21°47	2°46	7°14	11° 0	25°44	9°53	19°35	17°40	17°51	17°57	16°46	20°52	25° 6	F 4
S 5	9 29 21	23°52'19	6♒21	2° 5	8°21	11°43	25°58	9°57	19°38	17°41	17°52	17°51	16°43	20°58	25°11	S 5
S 6	9 33 18	24°52'44	20°48	1°16	9°28	12°27	26°11	10° 0	19°41	17°42	17°54	17°41	16°40	21° 5	25°15	S 6
M 7	9 37 14	25°53'06	5♓ 3	0°21	10°35	13°10	26°24	10° 4	19°44	17°43	17°55	17°30	16°37	21°12	25°20	M 7
T 8	9 41 11	26°53'27	18°58	29♒21	11°42	13°53	26°38	10° 8	19°47	17°45	17°57	17°19	16°34	21°18	25°25	T 8
W 9	9 45 8	27°53'46	2♈31	28°19	12°48	14°36	26°52	10°12	19°50	17°46	17°58	17° 8	16°30	21°25	25°29	W 9
T 10	9 49 4	28°54'03	15°39	27°15	13°55	15°19	27° 5	10°16	19°53	17°47	18° 0	16°59	16°27	21°31	25°34	T 10
F 11	9 53 1	29°54'18	28°24	26°11	15° 1	16° 2	27°19	10°20	19°56	17°48	18° 1	16°52	16°24	21°38	25°38	F 11
S 12	9 56 57	0♓54'31	10♉47	25° 9	16° 6	16°45	27°33	10°24	19°59	17°49	18° 2	16°48	16°21	21°45	25°43	S 12
S 13	10 0 54	1°54'41	22°54	24° 9	17°12	17°28	27°46	10°29	20° 2	17°49	18° 4	16°46	16°18	21°51	25°47	S 13
M14	10 4 50	2°54'50	4♊48	23°14	18°17	18°11	28° 0	10°33	20° 5	17°50	18° 5	16°D46	16°14	21°58	25°52	M14
T 15	10 8 47	3°54'57	16°37	22°23	19°22	18°54	28°14	10°38	20° 7	17°51	18° 7	16°R46	16°11	22° 5	25°56	T 15
W16	10 12 43	4°55'01	28°24	21°39	20°26	19°36	28°28	10°42	20°10	17°52	18° 8	16°46	16° 8	22°11	26° 0	W16
T 17	10 16 40	5°55'04	10♋16	21° 0	21°31	20°19	28°42	10°47	20°13	17°53	18°10	16°43	16° 5	22°18	26° 4	T 17
F 18	10 20 37	6°55'04	22°18	20°28	22°35	21° 2	28°56	10°52	20°16	17°54	18°11	16°39	16° 2	22°25	26° 9	F 18
S 19	10 24 33	7°55'02	4♌32	20° 3	23°38	21°45	29°10	10°56	20°18	17°54	18°13	16°31	15°59	22°31	26°13	S 19
S 20	10 28 30	8°54'58	17° 2	19°44	24°42	22°27	29°24	11° 1	20°21	17°55	18°14	16°21	15°55	22°38	26°17	S 20
M21	10 32 26	9°54'52	29°48	19°33	25°45	23°10	29°38	11° 6	20°23	17°56	18°16	16° 9	15°52	22°45	26°21	M21
T 22	10 36 23	10°54'44	12♍52	19°D27	26°48	23°52	29°52	11°11	20°26	17°56	18°17	15°56	15°49	22°51	26°25	T 22
W23	10 40 19	11°54'33	26°11	19°28	27°50	24°35	0♈ 6	11°17	20°29	17°57	18°19	15°43	15°46	22°58	26°29	W23
T 24	10 44 16	12°54'21	9♎43	19°35	28°52	25°17	0°20	11°22	20°31	17°58	18°20	15°31	15°43	23° 4	26°33	T 24
F 25	10 48 12	13°54'07	23°26	19°48	29°54	26° 0	0°34	11°27	20°34	17°58	18°22	15°22	15°40	23°11	26°37	F 25
S 26	10 52 9	14°53'51	7♏16	20° 6	0♉55	26°42	0°49	11°33	20°36	17°59	18°24	15°16	15°36	23°18	26°41	S 26
S 27	10 56 6	15°53'34	21°12	20°29	1°56	27°25	1° 3	11°38	20°38	17°59	18°25	15°12	15°33	23°24	26°45	S 27
M28	11 0 2	16♓53'15	5♐13	20♒57	2♉56	28♈ 7	1♈17	11♉44	20♑41	18♐ 0	18♓27	15♐11	15♐30	23♊31	26♑48	M28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	14s55	22s38	0s51	7s37	2n40	1n47	0n16	3n24	0s 8	3s 2	1s10	12n42	2s11	22s33	0s27	21s36	1n21	19s 9	15s36	22s59	22s53	22n52	15s 6	6n14
W 2	14 36	22 55	0n25	7 29	2 54	2 18	0 21	3 42	0 7	2 56	1 9	12 44	2 11	22 33	0 27	21 36	1 21	19 8	15 36	22 59	22 53	22 51	15 5	6 14
T 3	14 16	21 39	1 41	7 26	3 6	2 49	0 25	4 0	0 6	2 51	1 9	12 45	2 11	22 33	0 27	21 36	1 21	19 8	15 36	22 59	22 52	22 51	15 4	6 15
F 4	13 57	18 58	2 50	7 27	3 18	3 20	0 30	4 17	0 5	2 46	1 9	12 46	2 10	22 32	0 27	21 36	1 21	19 7	15 36	22 59	22 52	22 51	15 3	6 15
S 5	13 37	15 5	3 48	7 33	3 27	3 51	0 35	4 35	0 4	2 40	1 9	12 48	2 10	22 32	0 27	21 36	1 21	19 6	15 36	22 58	22 52	22 50	15 2	6 15
S 6	13 17	10 20	4 30	7 43	3 35	4 22	0 40	4 53	0 3	2 35	1 9	12 49	2 10	22 31	0 27	21 37	1 21	19 6	15 36	22 57	22 51	22 50	15 1	6 15
M 7	12 56	5 7	4 56	7 57	3 41	4 53	0 44	5 10	0 3	2 29	1 9	12 51	2 9	22 31	0 27	21 37	1 21	19 5	15 36	22 56	22 51	22 49	15 0	6 15
T 8	12 36	0n15	5 2	8 14	3 44	5 24	0 49	5 28	0 2	2 24	1 9	12 52	2 9	22 30	0 27	21 37	1 21	19 4	15 35	22 55	22 51	22 49	14 59	6 16
W 9	12 15	5 28	4 52	8 34	3 46	5 54	0 54	5 45	0 1	2 18	1 9	12 53	2 9	22 30	0 27	21 37	1 21	19 4	15 35	22 54	22 50	22 48	14 57	6 16
T 10	11 54	10 16	4 26	8 57	3 45	6 25	0 59	6 3	0 0	2 13	1 9	12 55	2 9	22 30	0 27	21 37	1 21	19 3	15 35	22 53	22 50	22 48	14 56	6 16
F 11	11 33	14 29	3 47	9 21	3 42	6 55	1 4	6 20	0n 1	2 7	1 9	12 57	2 8	22 29	0 27	21 37	1 21	19 2	15 35	22 53	22 50	22 48	14 55	6 16
S 12	11 11	17 57	2 59	9 47	3 37	7 25	1 9	6 38	0 1	2 2	1 8	12 58	2 8	22 29	0 27	21 37	1 21	19 2	15 35	22 52	22 49	22 47	14 54	6 17
S 13	10 50	20 33	2 3	10 13	3 30	7 55	1 14	6 55	0 2	1 56	1 8	13 0	2 8	22 28	0 27	21 37	1 21	19 1	15 35	22 52	22 49	22 47	14 53	6 17
M14	10 28	22 13	1 3	10 39	3 21	8 25	1 19	7 12	0 3	1 51	1 8	13 1	2 8	22 28	0 27	21 37	1 21	19 0	15 35	22 52	22 49	22 46	14 52	6 17
T 15	10 7	22 52	0 1	11 5	3 11	8 55	1 25	7 29	0 4	1 45	1 8	13 3	2 7	22 28	0 27	21 37	1 21	19 0	15 35	22 52	22 48	22 46	14 51	6 18
W16	9 45	22 30	1s 1	11 30	3 0	9 24	1 30	7 46	0 4	1 39	1 8	13 5	2 7	22 27	0 27	21 37	1 22	18 59	15 35	22 52	22 48	22 45	14 50	6 18
T 17	9 22	21 7	2 1	11 54	2 48	9 53	1 35	8 3	0 5	1 34	1 8	13 6	2 7	22 27	0 27	21 37	1 22	18 58	15 35	22 52	22 48	22 45	14 49	6 18
F 18	9 0	18 46	2 56	12 16	2 35	10 22	1 40	8 20	0 6	1 28	1 8	13 8	2 7	22 26	0 27	21 37	1 22	18 58	15 35	22 51	22 47	22 44	14 48	6 18
S 19	8 38	15 34	3 44	12 37	2 21	10 51	1 46	8 36	0 7	1 22	1 8	13 10	2 6	22 26	0 27	21 37	1 22	18 57	15 35	22 50	22 47	22 44	14 47	6 19
S 20	8 15	11 37	4 22	12 56	2 7	11 19	1 51	8 53	0 7	1 17	1 8	13 12	2 6	22 26	0 27	21 37	1 22	18 56	15 34	22 49	22 47	22 43	14 46	6 19
M21	7 53	7 5	4 48	13 13	1 53	11 47	1 56	9 10	0 8	1 11	1 8	13 13	2 6	22 25	0 27	21 37	1 22	18 56	15 34	22 48	22 46	22 43	14 45	6 19
T 22	7 30	2 8	5 0	13 28	1 39	12 15	2 1	9 26	0 9	1 5	1 8	13 15	2 6	22 25	0 27	21 37	1 22	18 55	15 34	22 47	22 46	22 42	14 44	6 20
W23	7 7	2s59	4 55	13 42	1 25	12 43	2 7	9 42	0 10	1 0	1 8	13 17	2 5	22 25	0 27	21 37	1 22	18 54	15 34	22 45	22 46	22 42	14 43	6 20
T 24	6 44	8 4	4 34	13 53	1 11	13 10	2 12	9 59	0 10	0 54	1 8	13 19	2 5	22 24	0 27	21 37	1 22	18 54	15 34	22 44	22 45	22 41	14 42	6 20
F 25	6 21	12 48	3 57	14 2	0 57	13 37	2 17	10 15	0 11	0 48	1 8	13 21	2 5	22 24	0 27	21 37	1 22	18 53	15 34	22 43	22 45	22 41	14 41	6 21
S 26	5 58	16 55	3 6	14 9	0 43	14 4	2 23	10 31	0 12	0 43	1 8	13 22	2 5	22 24	0 27	21 37	1 22	18 53	15 34	22 42	22 45	22 40	14 40	6 21
S 27	5 35	20 6	2 3	14 14	0 30	14 30	2 28	10 47	0 12	0 37	1 7	13 24	2 4	22 23	0 27	21 37	1 22	18 52	15 34	22 42	22 44	22 39	14 39	6 21
M28	5s12	22s 7	0s52	14s17	0n17	14n56	2n33	11n 3	0n13	0s31	1s 7	13n26	2s 4	22s23	0s27	21s37	1n22	18s51	15s34	22s42	22s44	22n39	14s38	6n22

Julian Day Number = 2204314.5, Delta T = 09m49s
Ecliptic obliquity = 23°31'36, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°17'57, Lahiri = 14°24'57 Julian Calendar 1 Feb. 1323 == Greg. Calendar 9 Feb. 1323

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ASTRODIENST EPHEMERIS for the year 1323
geocentric

MARCH 1323 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	11 3 59	17♓52'54	19♐17	21♒30	3♉56	28♈49	1♈31	11♉49	20♋43	18♐ 0	18♓28	15°R11	15♐27	23♊38	26♋52	T 1
W 2	11 7 55	18°52'31	3♋24	22° 6	4°56	29°31	1°46	11°55	20°45	18° 0	18°30	15♐10	15°24	23°44	26°56	W 2
T 3	11 11 52	19°52'07	17°33	22°47	5°55	0♉14	2° 0	12° 1	20°47	18° 1	18°31	15° 8	15°20	23°51	26°59	T 3
F 4	11 15 48	20°51'41	1♒42	23°32	6°54	0°56	2°14	12° 6	20°50	18° 1	18°33	15° 4	15°17	23°58	27° 3	F 4
S 5	11 19 45	21°51'13	15°49	24°20	7°52	1°38	2°29	12°12	20°52	18° 1	18°34	14°57	15°14	24° 4	27° 7	S 5
S 6	11 23 41	22°50'43	29°49	25°11	8°50	2°20	2°43	12°18	20°54	18° 2	18°36	14°47	15°11	24°11	27°10	S 6
M 7	11 27 38	23°50'11	13♓40	26° 6	9°47	3° 2	2°57	12°24	20°56	18° 2	18°37	14°35	15° 8	24°18	27°13	M 7
T 8	11 31 35	24°49'37	27°16	27° 3	10°44	3°44	3°12	12°30	20°58	18° 2	18°39	14°22	15° 5	24°24	27°17	T 8
W 9	11 35 31	25°49'01	10♈35	28° 4	11°40	4°26	3°26	12°36	21° 0	18° 2	18°40	14°10	15° 1	24°31	27°20	W 9
T 10	11 39 28	26°48'23	23°34	29° 7	12°36	5° 8	3°41	12°43	21° 2	18° 2	18°42	13°59	14°58	24°38	27°23	T 10
F 11	11 43 24	27°47'42	6♉14	0♓12	13°31	5°50	3°55	12°49	21° 4	18° 2	18°43	13°52	14°55	24°44	27°27	F 11
S 12	11 47 21	28°47'00	18°35	1°20	14°26	6°32	4°10	12°55	21° 6	18° 2	18°45	13°46	14°52	24°51	27°30	S 12
S 13	11 51 17	29°46'15	0♊41	2°30	15°20	7°14	4°24	13° 2	21° 7	18°R 2	18°46	13°44	14°49	24°57	27°33	S 13
M14	11 55 14	0♈45'28	12°37	3°42	16°13	7°55	4°38	13° 8	21° 9	18° 2	18°48	13°D43	14°45	25° 4	27°36	M14
T 15	11 59 10	1°44'38	24°26	4°56	17° 6	8°37	4°53	13°15	21°11	18° 2	18°49	13°43	14°42	25°11	27°39	T 15
W16	12 3 7	2°43'47	6♋14	6°13	17°58	9°19	5° 7	13°21	21°13	18° 2	18°51	13°R43	14°39	25°17	27°42	W16
T 17	12 7 3	3°42'52	18° 7	7°31	18°49	10° 0	5°22	13°28	21°14	18° 2	18°52	13°42	14°36	25°24	27°44	T 17
F 18	12 11 0	4°41'56	0♌11	8°51	19°39	10°42	5°36	13°34	21°16	18° 2	18°54	13°39	14°33	25°31	27°47	F 18
S 19	12 14 57	5°40'57	12°29	10°13	20°29	11°24	5°51	13°41	21°17	18° 2	18°55	13°34	14°30	25°37	27°50	S 19
S 20	12 18 53	6°39'56	25° 5	11°37	21°18	12° 5	6° 5	13°48	21°19	18° 2	18°57	13°26	14°26	25°44	27°53	S 20
M21	12 22 50	7°38'52	8♍ 2	13° 2	22° 6	12°47	6°20	13°55	21°20	18° 1	18°58	13°16	14°23	25°51	27°55	M21
T 22	12 26 46	8°37'47	21°21	14°29	22°53	13°28	6°34	14° 1	21°22	18° 1	19° 0	13° 6	14°20	25°57	27°58	T 22
W23	12 30 43	9°36'39	5♎ 0	15°58	23°40	14° 9	6°49	14° 8	21°23	18° 1	19° 1	12°55	14°17	26° 4	28° 0	W23
T 24	12 34 39	10°35'29	18°56	17°29	24°25	14°51	7° 3	14°15	21°24	18° 0	19° 3	12°45	14°14	26°11	28° 3	T 24
F 25	12 38 36	11°34'17	3♏ 5	19° 1	25°10	15°32	7°18	14°22	21°26	18° 0	19° 4	12°38	14°11	26°17	28° 5	F 25
S 26	12 42 32	12°33'04	17°21	20°34	25°53	16°13	7°32	14°29	21°27	18° 0	19° 5	12°33	14° 7	26°24	28° 7	S 26
S 27	12 46 29	13°31'48	1♐41	22°10	26°36	16°55	7°46	14°36	21°28	17°59	19° 7	12°30	14° 4	26°31	28° 9	S 27
M28	12 50 26	14°30'31	15°59	23°47	27°17	17°36	8° 1	14°43	21°29	17°59	19° 8	12°D30	14° 1	26°37	28°12	M28
T 29	12 54 22	15°29'12	0♋14	25°25	27°57	18°17	8°15	14°51	21°30	17°58	19°10	12°31	13°58	26°44	28°14	T 29
W30	12 58 19	16°27'51	14°23	27° 6	28°36	18°58	8°30	14°58	21°31	17°58	19°11	12°R31	13°55	26°50	28°16	W30
T 31	13 2 15	17♈26'29	28♋25	28♓47	29♉14	19♉39	8♈44	15♉ 5	21♋32	17♐57	19♓12	12♐31	13♐51	26♊57	28♋18	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	4s48	22s44	0n22	14s19	0n 5	15n22	2n39	11n19	0n14	0s25	1s 7	13n28	2s 4	22s23	0s28	21s37	1n22	18s51	15s34	22s42	22s44	22n38	14s37	6n22
W 2	4 25	21 54	1 35	14 18	0s 7	15 47	2 44	11 34	0 15	0 20	1 7	13 30	2 4	22 22	0 28	21 37	1 22	18 50	15 34	22 42	22 43	22 38	14 36	6 22
T 3	4 2	19 41	2 42	14 16	0 19	16 12	2 49	11 50	0 15	0 14	1 7	13 32	2 4	22 22	0 28	21 37	1 22	18 50	15 34	22 42	22 43	22 37	14 34	6 23
F 4	3 38	16 17	3 40	14 12	0 30	16 37	2 54	12 5	0 16	0 8	1 7	13 34	2 3	22 22	0 28	21 37	1 22	18 49	15 34	22 41	22 43	22 37	14 33	6 23
S 5	3 15	11 58	4 23	14 6	0 40	17 1	3 0	12 21	0 17	0 2	1 7	13 36	2 3	22 21	0 28	21 37	1 22	18 48	15 34	22 40	22 42	22 36	14 32	6 23
S 6	2 51	7 2	4 51	13 58	0 50	17 25	3 5	12 36	0 17	0n 3	1 7	13 38	2 3	22 21	0 28	21 37	1 22	18 48	15 34	22 39	22 42	22 36	14 31	6 24
M 7	2 27	1 49	5 1	13 48	1 0	17 48	3 10	12 51	0 18	0 9	1 7	13 40	2 3	22 21	0 28	21 37	1 22	18 47	15 34	22 38	22 42	22 35	14 30	6 24
T 8	2 4	3n24	4 53	13 37	1 9	18 11	3 15	13 6	0 19	0 15	1 7	13 42	2 3	22 20	0 28	21 37	1 22	18 47	15 35	22 36	22 41	22 34	14 29	6 25
W 9	1 40	8 20	4 30	13 25	1 18	18 34	3 20	13 21	0 19	0 21	1 7	13 44	2 2	22 20	0 28	21 37	1 22	18 46	15 35	22 35	22 41	22 34	14 28	6 25
T 10	1 16	12 47	3 53	13 10	1 26	18 56	3 25	13 36	0 20	0 27	1 7	13 46	2 2	22 20	0 28	21 37	1 22	18 46	15 35	22 34	22 41	22 33	14 27	6 25
F 11	0 53	16 33	3 5	12 54	1 34	19 18	3 30	13 50	0 21	0 32	1 7	13 48	2 2	22 20	0 28	21 37	1 22	18 45	15 35	22 33	22 40	22 33	14 26	6 26
S 12	0 29	19 29	2 9	12 37	1 41	19 39	3 35	14 5	0 21	0 38	1 7	13 50	2 2	22 19	0 28	21 37	1 22	18 44	15 35	22 32	22 40	22 32	14 25	6 26
S 13	0 5	21 29	1 9	12 18	1 48	20 0	3 40	14 19	0 22	0 44	1 7	13 52	2 2	22 19	0 28	21 37	1 23	18 44	15 35	22 32	22 39	22 31	14 24	6 27
M14	0n18	22 29	0 6	11 57	1 54	20 21	3 45	14 33	0 22	0 50	1 7	13 55	2 1	22 19	0 28	21 37	1 23	18 43	15 35	22 32	22 39	22 31	14 23	6 27
T 15	0 42	22 28	0s57	11 35	2 0	20 41	3 50	14 47	0 23	0 55	1 7	13 57	2 1	22 19	0 28	21 37	1 23	18 43	15 35	22 32	22 39	22 30	14 22	6 27
W16	1 5	21 26	1 57	11 12	2 5	21 0	3 55	15 1	0 24	1 1	1 7	13 59	2 1	22 18	0 28	21 37	1 23	18 42	15 35	22 32	22 38	22 29	14 21	6 28
T 17	1 29	19 27	2 52	10 47	2 10	21 19	4 0	15 15	0 24	1 7	1 7	14 1	2 1	22 18	0 28	21 37	1 23	18 42	15 35	22 32	22 38	22 29	14 21	6 28
F 18	1 52	16 35	3 41	10 21	2 14	21 38	4 4	15 29	0 25	1 13	1 7	14 3	2 1	22 18	0 28	21 37	1 23	18 41	15 35	22 31	22 38	22 28	14 20	6 29
S 19	2 16	12 57	4 20	9 53	2 18	21 56	4 9	15 42	0 25	1 18	1 7	14 5	2 0	22 18	0 28	21 37	1 23	18 41	15 35	22 31	22 37	22 28	14 19	6 29
S 20	2 39	8 41	4 48	9 24	2 21	22 13	4 13	15 56	0 26	1 24	1 7	14 7	2 0	22 18	0 28	21 37	1 23	18 40	15 36	22 30	22 37	22 27	14 18	6 30
M21	3 3	3 55	5 2	8 54	2 24	22 30	4 18	16 9	0 27	1 30	1 7	14 10	2 0	22 17	0 28	21 37	1 23	18 40	15 36	22 29	22 37	22 26	14 17	6 30
T 22	3 26	1s 9	5 0	8 22	2 26	22 47	4 22	16 22	0 27	1 36	1 7	14 12	2 0	22 17	0 28	21 37	1 23	18 39	15 36	22 27	22 36	22 26	14 16	6 30
W23	3 49	6 18	4 41	7 49	2 28	23 3	4 26	16 35	0 28	1 41	1 7	14 14	2 0	22 17	0 28	21 36	1 23	18 39	15 36	22 26	22 36	22 25	14 15	6 31
T 24	4 12	11 13	4 6	7 15	2 29	23 18	4 30	16 48	0 28	1 47	1 7	14 16	2 0	22 17	0 28	21 36	1 23	18 39	15 36	22 25	22 35	22 24	14 14	6 31
F 25	4 36	15 37	3 14	6 39	2 29	23 33	4 34	17 1	0 29	1 53	1 7	14 18	1 59	22 17	0 28	21 36	1 23	18 38	15 36	22 24	22 35	22 24	14 13	6 32
S 26	4 59	19 9	2 10	6 2	2 30	23 48	4 38	17 13	0 30	1 59	1 7	14 21	1 59	22 17	0 28	21 36	1 23	18 38	15 36	22 23	22 35	22 23	14 12	6 32
S 27	5 22	21 31	0 58	5 24	2 29	24 1	4 42	17 26	0 30	2 4	1 7	14 23	1 59	22 16	0 28	21 36	1 23	18 37	15 37	22 23	22 34	22 22	14 11	6 33
M28	5 44	22 29	0n19	4 45	2 29	24 15	4 45	17 38	0 31	2 10	1 7	14 25	1 59	22 16	0 28	21 36	1 23	18 37	15 37	22 23	22 34	22 21	14 10	6 33
T 29	6 7	21 58	1 34	4 5	2 27	24 27	4 49	17 50	0 31	2 16	1 7	14 27	1 59	22 16	0 28	21 36	1 23	18 36	15 37	22 23	22 34	22 21	14 10	6 34
W30	6 30	20 3	2 42	3 23	2 25	24 40	4 52	18 2	0 32	2 21	1 7	14 30	1 59	22 16	0 28	21 36	1 23	18 36	15 37	22 23	22 33	22 20	14 9	6 34
T 31	6n52	16s57	3n41	2s40	2s23	24n51	4n55	18n14	0n32	2n27	1s 7	14n32	1s59	22s16	0s28	21s36	1n23	18s36	15s37	22s23	22s33	22n19	14s 8	6n35

Julian Day Number = 2204342.5, Delta T = 09m49s
Ecliptic obliquity = 23°31'36, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°18'01, Lahiri = 14°25'01 Julian Calendar 1 March 1323 == Greg. Calendar 9 March 1323

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ASTRODIENST EPHEMERIS for the year 1323
geocentric

APRIL 1323 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	13 6 12	18♈25'05	12♒20	0♈31	29♉51	20♉20	8♈58	15♉12	21♋33	17°R57	19♓14	12°R28	13♐48	27♊ 4	28♋19	F 1
S 2	13 10 8	19°23'39	26° 5	2°16	0♊26	21° 1	9°13	15°19	21°34	17♐56	19°15	12♐24	13°45	27°10	28°21	S 2
S 3	13 14 5	20°22'12	9♓41	4° 3	1° 1	21°42	9°27	15°27	21°35	17°55	19°16	12°17	13°42	27°17	28°23	S 3
M 4	13 18 1	21°20'43	23° 5	5°51	1°33	22°23	9°41	15°34	21°35	17°55	19°18	12° 9	13°39	27°24	28°25	M 4
T 5	13 21 58	22°19'12	6♈17	7°41	2° 5	23° 4	9°56	15°42	21°36	17°54	19°19	12° 0	13°36	27°30	28°26	T 5
W 6	13 25 55	23°17'39	19°14	9°33	2°34	23°45	10°10	15°49	21°37	17°53	19°20	11°51	13°32	27°37	28°28	W 6
T 7	13 29 51	24°16'04	1♉57	11°26	3° 3	24°26	10°24	15°56	21°37	17°52	19°22	11°44	13°29	27°44	28°29	T 7
F 8	13 33 48	25°14'28	14°24	13°21	3°29	25° 7	10°38	16° 4	21°38	17°52	19°23	11°39	13°26	27°50	28°31	F 8
S 9	13 37 44	26°12'49	26°38	15°17	3°54	25°48	10°53	16°11	21°38	17°51	19°24	11°35	13°23	27°57	28°32	S 9
S 10	13 41 41	27°11'09	8♊40	17°16	4°18	26°28	11° 7	16°19	21°39	17°50	19°26	11°D34	13°20	28° 4	28°33	S 10
M11	13 45 37	28° 9'26	20°33	19°15	4°39	27° 9	11°21	16°26	21°39	17°49	19°27	11°34	13°17	28°10	28°34	M11
T 12	13 49 34	29° 7'42	2♋22	21°17	4°59	27°50	11°35	16°34	21°40	17°48	19°28	11°36	13°13	28°17	28°35	T 12
W13	13 53 30	0♉ 5'55	14°10	23°20	5°17	28°30	11°49	16°42	21°40	17°47	19°29	11°37	13°10	28°24	28°36	W13
T 14	13 57 27	1° 4'07	26° 3	25°24	5°32	29°11	12° 3	16°49	21°40	17°46	19°31	11°R38	13° 7	28°30	28°37	T 14
F 15	14 1 24	2° 2'16	8♌ 6	27°29	5°46	29°52	12°17	16°57	21°40	17°45	19°32	11°38	13° 4	28°37	28°38	F 15
S 16	14 5 20	3° 0'23	20°24	29°36	5°58	0♊32	12°31	17° 5	21°41	17°44	19°33	11°37	13° 1	28°44	28°39	S 16
S 17	14 9 17	3°58'29	3♍ 2	1♉44	6° 7	1°13	12°45	17°12	21°41	17°43	19°34	11°34	12°57	28°50	28°40	S 17
M18	14 13 13	4°56'32	16° 2	3°53	6°14	1°53	12°59	17°20	21°41	17°42	19°35	11°29	12°54	28°57	28°41	M18
T 19	14 17 10	5°54'34	29°27	6° 3	6°19	2°34	13°13	17°28	21°R41	17°41	19°36	11°24	12°51	29° 3	28°41	T 19
W20	14 21 6	6°52'33	13♎16	8°13	6°22	3°14	13°27	17°35	21°41	17°40	19°37	11°18	12°48	29°10	28°42	W20
T 21	14 25 3	7°50'31	27°27	10°23	6°R22	3°54	13°41	17°43	21°41	17°39	19°39	11°13	12°45	29°17	28°42	T 21
F 22	14 28 59	8°48'27	11♏56	12°33	6°20	4°35	13°54	17°51	21°40	17°38	19°40	11°10	12°42	29°23	28°43	F 22
S 23	14 32 56	9°46'22	26°37	14°43	6°16	5°15	14° 8	17°59	21°40	17°36	19°41	11° 7	12°38	29°30	28°43	S 23
S 24	14 36 52	10°44'15	11♐22	16°53	6° 9	5°55	14°22	18° 6	21°40	17°35	19°42	11°D 7	12°35	29°37	28°43	S 24
M25	14 40 49	11°42'07	26° 5	19° 1	5°59	6°35	14°35	18°14	21°40	17°34	19°43	11° 7	12°32	29°43	28°43	M25
T 26	14 44 46	12°39'58	10♑39	21° 9	5°48	7°15	14°49	18°22	21°39	17°33	19°44	11° 9	12°29	29°50	28°43	T 26
W27	14 48 42	13°37'47	25° 2	23°15	5°33	7°56	15° 3	18°30	21°39	17°32	19°45	11°10	12°26	29°57	28°R43	W27
T 28	14 52 39	14°35'35	9♒10	25°20	5°17	8°36	15°16	18°37	21°39	17°30	19°46	11°R11	12°22	0♋ 3	28°43	T 28
F 29	14 56 35	15°33'22	23° 1	27°22	4°58	9°16	15°30	18°45	21°38	17°29	19°47	11°11	12°19	0°10	28°43	F 29
S 30	15 0 32	16♉31'08	6♓37	29♉23	4♊37	9♊56	15♈43	18♉53	21♋38	17♐28	19♓48	11♐10	12♐16	0♋17	28♋43	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	7n15	12s55	4n25	1s56	2s20	25n 2	4n58	18n25	0n33	2n33	1s 7	14n34	1s58	22s16	0s28	21s36	1n23	18s35	15s37	22s22	22s32	22n19	14s 7	6n35
S 2	7 37	8 15	4 54	1 11	2 17	25 13	5 1	18 37	0 33	2 38	1 7	14 36	1 58	22 16	0 28	21 36	1 23	18 35	15 38	22 22	22 32	22 18	14 6	6 36
S 3	7 59	3 14	5 6	0 25	2 13	25 22	5 3	18 48	0 34	2 44	1 7	14 39	1 58	22 16	0 28	21 36	1 23	18 35	15 38	22 21	22 32	22 17	14 5	6 36
M 4	8 21	1n51	5 1	0n22	2 8	25 32	5 5	18 59	0 34	2 50	1 7	14 41	1 58	22 15	0 29	21 36	1 23	18 34	15 38	22 20	22 31	22 17	14 5	6 37
T 5	8 43	6 47	4 40	1 10	2 3	25 40	5 8	19 10	0 35	2 55	1 7	14 43	1 58	22 15	0 29	21 35	1 23	18 34	15 38	22 19	22 31	22 16	14 4	6 37
W 6	9 5	11 19	4 4	1 59	1 58	25 48	5 10	19 21	0 35	3 1	1 7	14 45	1 58	22 15	0 29	21 35	1 23	18 33	15 38	22 18	22 30	22 15	14 3	6 37
T 7	9 27	15 17	3 17	2 49	1 52	25 56	5 11	19 32	0 36	3 6	1 7	14 48	1 58	22 15	0 29	21 35	1 23	18 33	15 39	22 17	22 30	22 14	14 2	6 38
F 8	9 48	18 28	2 22	3 40	1 45	26 2	5 13	19 42	0 36	3 12	1 7	14 50	1 58	22 15	0 29	21 35	1 23	18 33	15 39	22 16	22 30	22 14	14 2	6 38
S 9	10 9	20 46	1 20	4 32	1 38	26 8	5 14	19 52	0 37	3 17	1 7	14 52	1 57	22 15	0 29	21 35	1 23	18 33	15 39	22 15	22 29	22 13	14 1	6 39
S 10	10 30	22 5	0 16	5 24	1 31	26 14	5 15	20 3	0 37	3 23	1 7	14 54	1 57	22 15	0 29	21 35	1 23	18 32	15 39	22 15	22 29	22 12	14 0	6 39
M11	10 51	22 23	0s49	6 17	1 23	26 19	5 15	20 13	0 38	3 28	1 7	14 57	1 57	22 15	0 29	21 35	1 24	18 32	15 39	22 15	22 29	22 11	13 59	6 40
T 12	11 12	21 40	1 51	7 10	1 15	26 23	5 16	20 22	0 38	3 34	1 7	14 59	1 57	22 15	0 29	21 35	1 24	18 32	15 40	22 15	22 28	22 11	13 59	6 40
W13	11 33	19 59	2 48	8 4	1 6	26 26	5 16	20 32	0 39	3 39	1 7	15 1	1 57	22 15	0 29	21 35	1 24	18 31	15 40	22 16	22 28	22 10	13 58	6 41
T 14	11 53	17 26	3 38	8 59	0 57	26 28	5 15	20 41	0 39	3 45	1 7	15 3	1 57	22 15	0 29	21 34	1 24	18 31	15 40	22 16	22 27	22 9	13 57	6 41
F 15	12 13	14 7	4 20	9 53	0 47	26 30	5 15	20 51	0 40	3 50	1 7	15 6	1 57	22 15	0 29	21 34	1 24	18 31	15 40	22 16	22 27	22 8	13 57	6 42
S 16	12 34	10 9	4 51	10 47	0 38	26 31	5 13	21 0	0 40	3 56	1 7	15 8	1 57	22 15	0 29	21 34	1 24	18 31	15 41	22 16	22 27	22 7	13 56	6 42
S 17	12 53	5 38	5 8	11 41	0 28	26 32	5 12	21 8	0 41	4 1	1 8	15 10	1 57	22 15	0 29	21 34	1 24	18 30	15 41	22 15	22 26	22 7	13 55	6 43
M18	13 13	0 46	5 10	12 35	0 17	26 31	5 10	21 17	0 41	4 7	1 8	15 12	1 57	22 15	0 29	21 34	1 24	18 30	15 41	22 14	22 26	22 6	13 55	6 43
T 19	13 32	4s18	4 56	13 29	0 7	26 30	5 8	21 26	0 42	4 12	1 8	15 15	1 56	22 15	0 29	21 34	1 24	18 30	15 41	22 14	22 25	22 5	13 54	6 44
W20	13 52	9 19	4 25	14 21	0n 4	26 27	5 5	21 34	0 42	4 17	1 8	15 17	1 56	22 15	0 29	21 34	1 24	18 30	15 42	22 13	22 25	22 4	13 54	6 44
T 21	14 10	13 58	3 36	15 13	0 14	26 24	5 2	21 42	0 43	4 23	1 8	15 19	1 56	22 15	0 29	21 34	1 24	18 30	15 42	22 12	22 25	22 3	13 53	6 45
F 22	14 29	17 54	2 33	16 4	0 25	26 20	4 58	21 50	0 43	4 28	1 8	15 21	1 56	22 15	0 29	21 33	1 24	18 29	15 42	22 12	22 24	22 3	13 52	6 45
S 23	14 48	20 45	1 19	16 53	0 35	26 15	4 54	21 58	0 43	4 33	1 8	15 23	1 56	22 15	0 29	21 33	1 24	18 29	15 43	22 11	22 24	22 2	13 52	6 46
S 24	15 6	22 12	0n 1	17 40	0 46	26 9	4 49	22 6	0 44	4 38	1 8	15 26	1 56	22 15	0 29	21 33	1 24	18 29	15 43	22 11	22 23	22 1	13 51	6 46
M25	15 24	22 7	1 21	18 26	0 56	26 3	4 44	22 13	0 44	4 44	1 8	15 28	1 56	22 15	0 29	21 33	1 24	18 29	15 43	22 11	22 23	22 0	13 51	6 47
T 26	15 42	20 31	2 35	19 10	1 5	25 55	4 38	22 20	0 45	4 49	1 8	15 30	1 56	22 15	0 29	21 33	1 24	18 29	15 43	22 12	22 22	21 59	13 50	6 47
W27	15 59	17 38	3 38	19 52	1 15	25 46	4 32	22 27	0 45	4 54	1 8	15 32	1 56	22 16	0 29	21 33	1 24	18 29	15 44	22 12	22 22	21 58	13 50	6 48
T 28	16 16	13 44	4 27	20 31	1 24	25 36	4 25	22 34	0 46	4 59	1 8	15 35	1 56	22 16	0 29	21 33	1 24	18 29	15 44	22 12	22 22	21 58	13 49	6 48
F 29	16 33	9 11	4 59	21 8	1 32	25 25	4 17	22 41	0 46	5 4	1 8	15 37	1 56	22 16	0 29	21 33	1 24	18 28	15 44	22 12	22 21	21 57	13 49	6 49
S 30	16n50	4s16	5n14	21n43	1n40	25n13	4n 9	22n47	0n46	5n 9	1s 8	15n39	1s56	22s16	0s29	21s32	1n24	18s28	15s45	22s12	22s21	21n56	13s48	6n49

Julian Day Number = 2204373.5, Delta T = 09m49s
Ecliptic obliquity = 23°31'36, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°18'05, Lahiri = 14°25'05 Julian Calendar 1 Apr. 1323 == Greg. Calendar 9 Apr. 1323

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ASTRODIENST EPHEMERIS for the year 1323
geocentric

MAY 1323 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	15 4 28	17♉28'53	19♓56	1♊21	4°R13	10♊36	15♈56	19♉ 1	21°R37	17°R26	19♓49	11°R 7	12♐13	0♋23	28°R43	S 1
M 2	15 8 25	18°26'36	3♈ 0	3°16	3♊48	11°16	16°10	19° 9	21♑36	17♐25	19°50	11♐ 4	12°10	0°30	28♑43	M 2
T 3	15 12 21	19°24'18	15°50	5° 9	3°20	11°56	16°23	19°17	21°36	17°24	19°50	11° 1	12° 7	0°37	28°42	T 3
W 4	15 16 18	20°21'59	28°26	7° 0	2°51	12°36	16°36	19°24	21°35	17°22	19°51	10°58	12° 3	0°43	28°42	W 4
T 5	15 20 15	21°19'39	10♉50	8°47	2°20	13°16	16°49	19°32	21°34	17°21	19°52	10°55	12° 0	0°50	28°41	T 5
F 6	15 24 11	22°17'18	23° 3	10°32	1°47	13°55	17° 2	19°40	21°33	17°19	19°53	10°53	11°57	0°57	28°41	F 6
S 7	15 28 8	23°14'55	5♊ 6	12°14	1°13	14°35	17°15	19°48	21°33	17°18	19°54	10°D52	11°54	1° 3	28°40	S 7
S 8	15 32 4	24°12'32	17° 1	13°52	0°38	15°15	17°28	19°56	21°32	17°17	19°55	10°52	11°51	1°10	28°39	S 8
M 9	15 36 1	25°10'06	28°51	15°28	0° 2	15°55	17°41	20° 3	21°31	17°15	19°55	10°53	11°48	1°17	28°38	M 9
T 10	15 39 57	26° 7'40	10♋39	17° 0	29♉25	16°35	17°54	20°11	21°30	17°14	19°56	10°54	11°44	1°23	28°37	T 10
W11	15 43 54	27° 5'12	22°27	18°30	28°48	17°14	18° 7	20°19	21°29	17°12	19°57	10°56	11°41	1°30	28°36	W11
T 12	15 47 50	28° 2'43	4♌21	19°56	28°10	17°54	18°19	20°27	21°28	17°11	19°58	10°57	11°38	1°36	28°35	T 12
F 13	15 51 47	29° 0'13	16°24	21°19	27°32	18°34	18°32	20°35	21°26	17° 9	19°58	10°57	11°35	1°43	28°34	F 13
S 14	15 55 44	29°57'41	28°40	22°39	26°55	19°13	18°45	20°42	21°25	17° 8	19°59	10°R58	11°32	1°50	28°33	S 14
S 15	15 59 40	0♊55'08	11♍15	23°55	26°18	19°53	18°57	20°50	21°24	17° 6	20° 0	10°58	11°28	1°56	28°32	S 15
M16	16 3 37	1°52'33	24°12	25° 8	25°41	20°33	19° 9	20°58	21°23	17° 4	20° 0	10°57	11°25	2° 3	28°31	M16
T 17	16 7 33	2°49'57	7♎34	26°18	25° 6	21°12	19°22	21° 6	21°21	17° 3	20° 1	10°56	11°22	2°10	28°29	T 17
W18	16 11 30	3°47'20	21°23	27°24	24°32	21°52	19°34	21°13	21°20	17° 1	20° 1	10°55	11°19	2°16	28°28	W18
T 19	16 15 26	4°44'42	5♏38	28°26	23°59	22°31	19°46	21°21	21°19	17° 0	20° 2	10°55	11°16	2°23	28°26	T 19
F 20	16 19 23	5°42'03	20°15	29°25	23°27	23°11	19°58	21°29	21°17	16°58	20° 2	10°54	11°13	2°30	28°25	F 20
S 21	16 23 19	6°39'24	5♐ 9	0♋21	22°57	23°50	20°10	21°36	21°16	16°57	20° 3	10°D54	11° 9	2°36	28°23	S 21
S 22	16 27 16	7°36'43	20°12	1°12	22°30	24°29	20°22	21°44	21°14	16°55	20° 4	10°54	11° 6	2°43	28°22	S 22
M23	16 31 13	8°34'01	5♑17	2° 0	22° 4	25° 9	20°34	21°51	21°13	16°53	20° 4	10°54	11° 3	2°50	28°20	M23
T 24	16 35 9	9°31'19	20°13	2°44	21°40	25°48	20°46	21°59	21°11	16°52	20° 4	10°54	11° 0	2°56	28°18	T 24
W25	16 39 6	10°28'37	4♒54	3°24	21°18	26°27	20°58	22° 7	21°10	16°50	20° 5	10°54	10°57	3° 3	28°16	W25
T 26	16 43 2	11°25'54	19°15	4° 0	20°59	27° 7	21° 9	22°14	21° 8	16°49	20° 5	10°R54	10°54	3°10	28°14	T 26
F 27	16 46 59	12°23'10	3♓14	4°31	20°42	27°46	21°21	22°22	21° 6	16°47	20° 6	10°54	10°50	3°16	28°12	F 27
S 28	16 50 55	13°20'26	16°49	4°58	20°28	28°25	21°32	22°29	21° 5	16°45	20° 6	10°D54	10°47	3°23	28°10	S 28
S 29	16 54 52	14°17'42	0♈ 1	5°21	20°15	29° 4	21°44	22°37	21° 3	16°44	20° 6	10°54	10°44	3°30	28° 8	S 29
M30	16 58 49	15°14'57	12°54	5°40	20° 6	29°44	21°55	22°44	21° 1	16°42	20° 7	10°55	10°41	3°36	28° 6	M30
T 31	17 2 45	16♊12'13	25♈29	5♋54	19♉58	0♋23	22♈ 6	22♉52	20♑59	16♐41	20♓ 7	10♐55	10♐38	3♋43	28♑ 4	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17n 7	0n46	5n11	22n15	1n47	25n 0	4n 1	22n53	0n47	5n14	1 s 8	15n41	1 s56	22 s16	0 s29	21 s32	1n24	18 s28	15 s45	22 s11	22 s20	21n55	13 s48	6n50
M 2	17 23	5 39	4 52	22 44	1 53	24 46	3 51	22 59	0 47	5 19	1 9	15 43	1 56	22 16	0 29	21 32	1 24	18 28	15 45	22 11	22 20	21 54	13 48	6 50
T 3	17 39	10 13	4 19	23 11	1 59	24 31	3 42	23 5	0 48	5 24	1 9	15 45	1 55	22 16	0 29	21 32	1 24	18 28	15 46	22 11	22 20	21 53	13 47	6 51
W 4	17 54	14 16	3 33	23 35	2 4	24 15	3 31	23 11	0 48	5 29	1 9	15 48	1 55	22 16	0 29	21 32	1 24	18 28	15 46	22 10	22 19	21 52	13 47	6 51
T 5	18 10	17 38	2 38	23 57	2 8	23 58	3 20	23 16	0 48	5 34	1 9	15 50	1 55	22 17	0 29	21 32	1 24	18 28	15 46	22 10	22 19	21 52	13 46	6 52
F 6	18 24	20 10	1 37	24 16	2 11	23 40	3 9	23 22	0 49	5 39	1 9	15 52	1 55	22 17	0 30	21 31	1 24	18 28	15 46	22 9	22 18	21 51	13 46	6 52
S 7	18 39	21 45	0 32	24 33	2 14	23 22	2 57	23 27	0 49	5 44	1 9	15 54	1 55	22 17	0 30	21 31	1 24	18 28	15 47	22 9	22 18	21 50	13 46	6 53
S 8	18 54	22 20	0 s34	24 48	2 16	23 2	2 45	23 32	0 49	5 49	1 9	15 56	1 55	22 17	0 30	21 31	1 24	18 28	15 47	22 9	22 17	21 49	13 45	6 53
M 9	19 8	21 53	1 38	25 0	2 17	22 42	2 32	23 36	0 50	5 54	1 9	15 58	1 55	22 17	0 30	21 31	1 24	18 28	15 47	22 9	22 17	21 48	13 45	6 54
T 10	19 21	20 29	2 38	25 10	2 17	22 21	2 19	23 41	0 50	5 59	1 9	16 0	1 55	22 17	0 30	21 31	1 24	18 28	15 48	22 10	22 17	21 47	13 45	6 54
W11	19 35	18 11	3 31	25 18	2 16	22 0	2 5	23 45	0 51	6 4	1 9	16 2	1 55	22 18	0 30	21 31	1 24	18 28	15 48	22 10	22 16	21 46	13 45	6 55
T 12	19 48	15 7	4 15	25 23	2 15	21 38	1 52	23 49	0 51	6 8	1 9	16 4	1 55	22 18	0 30	21 31	1 24	18 28	15 49	22 10	22 16	21 45	13 44	6 55
F 13	20 1	11 23	4 49	25 27	2 13	21 16	1 38	23 53	0 51	6 13	1 10	16 7	1 55	22 18	0 30	21 30	1 24	18 28	15 49	22 10	22 15	21 44	13 44	6 56
S 14	20 13	7 8	5 10	25 29	2 10	20 54	1 24	23 57	0 52	6 18	1 10	16 9	1 55	22 18	0 30	21 30	1 24	18 28	15 49	22 10	22 15	21 43	13 44	6 56
S 15	20 25	2 29	5 17	25 29	2 6	20 31	1 9	24 0	0 52	6 22	1 10	16 11	1 55	22 18	0 30	21 30	1 24	18 28	15 50	22 10	22 14	21 43	13 44	6 56
M16	20 37	2 s25	5 9	25 27	2 1	20 9	0 55	24 3	0 52	6 27	1 10	16 13	1 55	22 19	0 30	21 30	1 24	18 28	15 50	22 10	22 14	21 42	13 44	6 57
T 17	20 48	7 21	4 44	25 24	1 56	19 46	0 41	24 6	0 53	6 32	1 10	16 15	1 55	22 19	0 30	21 30	1 24	18 28	15 50	22 10	22 14	21 41	13 43	6 57
W18	20 59	12 6	4 2	25 20	1 50	19 24	0 27	24 9	0 53	6 36	1 10	16 17	1 55	22 19	0 30	21 30	1 24	18 28	15 51	22 10	22 13	21 40	13 43	6 58
T 19	21 10	16 20	3 4	25 14	1 43	19 3	0 13	24 12	0 53	6 41	1 10	16 19	1 55	22 19	0 30	21 30	1 24	18 28	15 51	22 10	22 13	21 39	13 43	6 58
F 20	21 20	19 40	1 52	25 6	1 35	18 41	0 s 1	24 15	0 54	6 45	1 10	16 21	1 55	22 20	0 30	21 29	1 24	18 29	15 51	22 10	22 12	21 38	13 43	6 59
S 21	21 30	21 46	0 32	24 58	1 26	18 21	0 14	24 17	0 54	6 49	1 11	16 23	1 55	22 20	0 30	21 29	1 24	18 29	15 52	22 10	22 12	21 37	13 43	6 59
S 22	21 40	22 18	0n52	24 48	1 17	18 1	0 28	24 19	0 54	6 54	1 11	16 25	1 55	22 20	0 30	21 29	1 24	18 29	15 52	22 10	22 11	21 36	13 43	6 59
M23	21 49	21 14	2 11	24 37	1 7	17 42	0 41	24 21	0 55	6 58	1 11	16 27	1 55	22 20	0 30	21 29	1 24	18 29	15 52	22 10	22 11	21 35	13 43	7 0
T 24	21 58	18 40	3 22	24 26	0 56	17 23	0 53	24 22	0 55	7 3	1 11	16 29	1 55	22 21	0 30	21 29	1 24	18 29	15 53	22 10	22 10	21 34	13 43	7 0
W25	22 6	14 57	4 17	24 13	0 44	17 6	1 6	24 24	0 55	7 7	1 11	16 31	1 55	22 21	0 30	21 29	1 24	18 29	15 53	22 10	22 10	21 33	13 43	7 1
T 26	22 14	10 25	4 55	24 0	0 32	16 49	1 18	24 25	0 56	7 11	1 11	16 32	1 55	22 21	0 30	21 28	1 24	18 29	15 54	22 10	22 10	21 32	13 43	7 1
F 27	22 22	5 28	5 15	23 46	0 19	16 33	1 29	24 26	0 56	7 15	1 11	16 34	1 55	22 22	0 30	21 28	1 24	18 30	15 54	22 10	22 9	21 31	13 43	7 1
S 28	22 29	0 22	5 16	23 31	0 5	16 19	1 40	24 27	0 56	7 19	1 11	16 36	1 55	22 22	0 30	21 28	1 24	18 30	15 54	22 10	22 9	21 30	13 43	7 2
S 29	22 36	4n36	5 0	23 16	0 s 9	16 5	1 51	24 28	0 56	7 24	1 12	16 38	1 55	22 22	0 30	21 28	1 24	18 30	15 55	22 10	22 8	21 29	13 43	7 2
M30	22 42	9 15	4 30	23 1	0 24	15 53	2 1	24 28	0 57	7 28	1 12	16 40	1 55	22 22	0 30	21 28	1 24	18 30	15 55	22 10	22 8	21 28	13 43	7 3
T 31	22n49	13n24	3n47	22n45	0 s39	15n42	2 s11	24n29	0n57	7n32	1 s12	16n42	1 s55	22 s23	0 s30	21 s28	1n24	18 s30	15 s55	22 s10	22 s 7	21n27	13 s43	7n 3

Julian Day Number = 2204403.5, Delta T = 09m49s
Ecliptic obliquity = 23°31'35, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°18'09, Lahiri = 14°25'09 Julian Calendar 1 May 1323 == Greg. Calendar 9 May 1323

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ASTRODIENST EPHEMERIS for the year 1323
geocentric

JUNE 1323 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	17 6 42	17♊ 9'27	7♉50	6♋ 3	19°R53	1♋ 2	22♈17	22♉59	20°R58	16°R39	20♓ 7	10♐56	10♐34	3♋50	28°R 2	W 1
T 2	17 10 38	18° 6'42	20° 0	6° 8	19♉51	1°41	22°28	23° 6	20♏56	16♐37	20° 8	10°56	10°31	3°56	27♏59	T 2
F 3	17 14 35	19° 3'56	2♊ 0	6°R 8	19°D51	2°20	22°39	23°14	20°54	16°36	20° 8	10°57	10°28	4° 3	27°57	F 3
S 4	17 18 31	20° 1'10	13°54	6° 4	19°53	2°59	22°50	23°21	20°52	16°34	20° 8	10°R57	10°25	4°10	27°55	S 4
S 5	17 22 28	20°58'24	25°44	5°55	19°57	3°38	23° 1	23°28	20°50	16°32	20° 8	10°57	10°22	4°16	27°52	S 5
M 6	17 26 24	21°55'37	7♋32	5°42	20° 3	4°17	23°11	23°35	20°48	16°31	20° 8	10°56	10°19	4°23	27°50	M 6
T 7	17 30 21	22°52'50	19°20	5°25	20°12	4°56	23°22	23°43	20°46	16°29	20° 9	10°54	10°15	4°30	27°47	T 7
W 8	17 34 18	23°50'03	1♌11	5° 4	20°23	5°36	23°32	23°50	20°44	16°28	20° 9	10°52	10°12	4°36	27°45	W 8
T 9	17 38 14	24°47'15	13° 8	4°40	20°36	6°14	23°42	23°57	20°42	16°26	20° 9	10°50	10° 9	4°43	27°42	T 9
F 10	17 42 11	25°44'26	25°13	4°12	20°51	6°53	23°53	24° 4	20°40	16°24	20° 9	10°49	10° 6	4°50	27°39	F 10
S 11	17 46 7	26°41'37	7♍30	3°42	21° 7	7°32	24° 3	24°11	20°38	16°23	20° 9	10°47	10° 3	4°56	27°37	S 11
S 12	17 50 4	27°38'48	20° 4	3° 9	21°26	8°11	24°13	24°18	20°35	16°21	20° 9	10°46	10° 0	5° 3	27°34	S 12
M13	17 54 0	28°35'58	2♎57	2°34	21°46	8°50	24°22	24°25	20°33	16°20	20°R 9	10°D46	9°56	5° 9	27°31	M13
T 14	17 57 57	29°33'08	16°12	1°58	22° 9	9°29	24°32	24°32	20°31	16°18	20° 9	10°47	9°53	5°16	27°28	T 14
W15	18 1 53	0♏30'18	29°53	1°22	22°32	10° 8	24°42	24°39	20°29	16°17	20° 9	10°48	9°50	5°23	27°25	W15
T 16	18 5 50	1°27'27	14♏ 0	0°45	22°58	10°47	24°51	24°46	20°27	16°15	20° 9	10°49	9°47	5°29	27°22	T 16
F 17	18 9 47	2°24'36	28°32	0° 9	23°25	11°26	25° 1	24°52	20°24	16°13	20° 9	10°50	9°44	5°36	27°19	F 17
S 18	18 13 43	3°21'45	13♐26	29♊35	23°53	12° 4	25°10	24°59	20°22	16°12	20° 9	10°R51	9°40	5°43	27°16	S 18
S 19	18 17 40	4°18'54	28°34	29° 2	24°24	12°43	25°19	25° 6	20°20	16°10	20° 8	10°50	9°37	5°49	27°13	S 19
M20	18 21 36	5°16'03	13♑48	28°31	24°55	13°22	25°28	25°12	20°18	16° 9	20° 8	10°48	9°34	5°56	27°10	M20
T 21	18 25 33	6°13'12	28°58	28° 4	25°28	14° 1	25°37	25°19	20°15	16° 7	20° 8	10°45	9°31	6° 3	27° 7	T 21
W22	18 29 29	7°10'22	13♒54	27°40	26° 2	14°39	25°46	25°25	20°13	16° 6	20° 8	10°42	9°28	6° 9	27° 4	W22
T 23	18 33 26	8° 7'32	28°29	27°20	26°37	15°18	25°54	25°32	20°11	16° 4	20° 8	10°38	9°25	6°16	27° 1	T 23
F 24	18 37 22	9° 4'42	12♓39	27° 4	27°14	15°57	26° 3	25°38	20° 8	16° 3	20° 7	10°35	9°21	6°23	26°58	F 24
S 25	18 41 19	10° 1'53	26°20	26°53	27°52	16°35	26°11	25°45	20° 6	16° 2	20° 7	10°33	9°18	6°29	26°54	S 25
S 26	18 45 16	10°59'04	9♈34	26°47	28°31	17°14	26°19	25°51	20° 4	16° 0	20° 7	10°D32	9°15	6°36	26°51	S 26
M27	18 49 12	11°56'16	22°24	26°D46	29°11	17°53	26°27	25°57	20° 1	15°59	20° 7	10°33	9°12	6°43	26°48	M27
T 28	18 53 9	12°53'29	4♉53	26°50	29°52	18°31	26°35	26° 3	19°59	15°57	20° 6	10°34	9° 9	6°49	26°45	T 28
W29	18 57 5	13°50'42	17° 5	26°59	0♊34	19°10	26°43	26°10	19°57	15°56	20° 6	10°36	9° 6	6°56	26°41	W29
T 30	19 1 2	14♋47'56	29♉ 6	27♊15	1♊17	19♋49	26♈51	26♉16	19♏54	15♐54	20♓ 6	10♐37	9♐ 2	7♋ 3	26♏38	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	22n54	16n55	2n54	22n29	0s54	15n31	2s20	24n29	0n57	7n36	1s12	16n44	1s55	22s23	0s30	21s28	1n24	18s31	15s56	22s10	22s 7	21n26	13s43	7n 3
T 2	23 0	19 38	1 54	22 13	1 10	15 22	2 29	24 28	0 58	7 40	1 12	16 45	1 55	22 23	0 30	21 27	1 24	18 31	15 56	22 10	22 6	21 25	13 43	7 4
F 3	23 4	21 27	0 50	21 56	1 27	15 14	2 38	24 28	0 58	7 44	1 12	16 47	1 55	22 24	0 30	21 27	1 24	18 31	15 56	22 10	22 6	21 24	13 43	7 4
S 4	23 9	22 17	0s16	21 40	1 43	15 7	2 46	24 28	0 58	7 47	1 12	16 49	1 55	22 24	0 30	21 27	1 24	18 31	15 57	22 10	22 5	21 23	13 43	7 4
S 5	23 13	22 6	1 21	21 24	2 0	15 0	2 53	24 27	0 58	7 51	1 13	16 51	1 55	22 24	0 30	21 27	1 24	18 32	15 57	22 10	22 5	21 22	13 43	7 5
M 6	23 17	20 57	2 22	21 8	2 16	14 55	3 0	24 26	0 59	7 55	1 13	16 53	1 55	22 25	0 30	21 27	1 24	18 32	15 58	22 10	22 5	21 21	13 43	7 5
T 7	23 20	18 52	3 17	20 53	2 32	14 51	3 7	24 25	0 59	7 59	1 13	16 54	1 55	22 25	0 30	21 27	1 24	18 32	15 58	22 10	22 4	21 20	13 44	7 5
W 8	23 23	16 0	4 4	20 38	2 48	14 48	3 13	24 24	0 59	8 2	1 13	16 56	1 55	22 25	0 30	21 26	1 24	18 33	15 58	22 9	22 4	21 19	13 44	7 6
T 9	23 25	12 27	4 40	20 23	3 3	14 46	3 19	24 22	0 59	8 6	1 13	16 58	1 55	22 26	0 30	21 26	1 24	18 33	15 59	22 9	22 3	21 18	13 44	7 6
F 10	23 27	8 23	5 5	20 9	3 18	14 44	3 25	24 20	1 0	8 10	1 13	16 59	1 56	22 26	0 30	21 26	1 24	18 33	15 59	22 9	22 3	21 17	13 44	7 6
S 11	23 29	3 54	5 16	19 56	3 32	14 44	3 30	24 18	1 0	8 13	1 14	17 1	1 56	22 26	0 30	21 26	1 24	18 33	15 59	22 9	22 2	21 16	13 44	7 6
S 12	23 30	0s50	5 12	19 44	3 46	14 44	3 35	24 16	1 0	8 17	1 14	17 3	1 56	22 27	0 30	21 26	1 24	18 34	16 0	22 8	22 2	21 15	13 45	7 7
M13	23 31	5 39	4 53	19 32	3 58	14 45	3 39	24 14	1 0	8 20	1 14	17 4	1 56	22 27	0 30	21 26	1 24	18 34	16 0	22 8	22 1	21 14	13 45	7 7
T 14	23 32	10 21	4 18	19 22	4 9	14 47	3 43	24 12	1 1	8 24	1 14	17 6	1 56	22 27	0 30	21 26	1 24	18 34	16 1	22 9	22 1	21 13	13 45	7 7
W15	23 31	14 42	3 27	19 13	4 18	14 49	3 47	24 9	1 1	8 27	1 14	17 8	1 56	22 28	0 30	21 25	1 24	18 35	16 1	22 9	22 0	21 12	13 46	7 8
T 16	23 31	18 22	2 23	19 5	4 26	14 52	3 50	24 6	1 1	8 30	1 14	17 9	1 56	22 28	0 30	21 25	1 24	18 35	16 1	22 9	22 0	21 11	13 46	7 8
F 17	23 30	21 0	1 7	18 58	4 33	14 56	3 53	24 3	1 1	8 34	1 15	17 11	1 56	22 28	0 31	21 25	1 24	18 36	16 2	22 9	21 59	21 10	13 46	7 8
S 18	23 29	22 15	0n14	18 53	4 38	15 0	3 56	24 0	1 2	8 37	1 15	17 12	1 56	22 29	0 31	21 25	1 24	18 36	16 2	22 9	21 59	21 8	13 47	7 8
S 19	23 27	21 55	1 36	18 49	4 42	15 5	3 58	23 56	1 2	8 40	1 15	17 14	1 56	22 29	0 31	21 25	1 24	18 36	16 2	22 9	21 58	21 7	13 47	7 8
M20	23 25	19 58	2 52	18 47	4 44	15 11	4 0	23 53	1 2	8 43	1 15	17 15	1 56	22 29	0 31	21 25	1 24	18 37	16 3	22 9	21 58	21 6	13 47	7 9
T 21	23 23	16 37	3 55	18 46	4 44	15 17	4 2	23 49	1 2	8 46	1 15	17 17	1 56	22 30	0 31	21 25	1 24	18 37	16 3	22 8	21 57	21 5	13 48	7 9
W22	23 20	12 14	4 41	18 47	4 43	15 23	4 4	23 45	1 3	8 49	1 15	17 18	1 56	22 30	0 31	21 25	1 24	18 38	16 4	22 8	21 57	21 4	13 48	7 9
T 23	23 17	7 14	5 7	18 49	4 41	15 30	4 5	23 41	1 3	8 52	1 16	17 20	1 56	22 30	0 31	21 24	1 24	18 38	16 4	22 7	21 57	21 3	13 48	7 9
F 24	23 13	2 0	5 14	18 53	4 37	15 37	4 6	23 37	1 3	8 55	1 16	17 21	1 56	22 31	0 31	21 24	1 24	18 38	16 4	22 7	21 56	21 2	13 49	7 9
S 25	23 9	3n 9	5 2	18 58	4 31	15 45	4 7	23 32	1 3	8 58	1 16	17 23	1 57	22 31	0 31	21 24	1 24	18 39	16 5	22 7	21 56	21 1	13 49	7 10
S 26	23 4	8 0	4 35	19 5	4 25	15 52	4 8	23 27	1 3	9 1	1 16	17 24	1 57	22 32	0 31	21 24	1 24	18 39	16 5	22 7	21 55	21 0	13 50	7 10
M27	22 59	12 22	3 54	19 12	4 17	16 1	4 8	23 23	1 4	9 3	1 16	17 25	1 57	22 32	0 31	21 24	1 24	18 40	16 5	22 7	21 55	20 59	13 50	7 10
T 28	22 54	16 4	3 3	19 21	4 8	16 9	4 8	23 18	1 4	9 6	1 17	17 27	1 57	22 32	0 31	21 24	1 24	18 40	16 6	22 7	21 54	20 57	13 51	7 10
W29	22 48	19 0	2 5	19 31	3 58	16 18	4 8	23 12	1 4	9 9	1 17	17 28	1 57	22 33	0 31	21 24	1 24	18 41	16 6	22 7	21 54	20 56	13 51	7 10
T 30	22n42	21n 3	1n 3	19n42	3s47	16n27	4s 8	23n 7	1n 4	9n11	1s17	17n29	1s57	22s33	0s31	21s24	1n24	18s41	16s 6	22s 7	21s53	20n55	13s52	7n10

Julian Day Number = 2204434.5, Delta T = 09m48s
Ecliptic obliquity = 23°31'34, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°18'13, Lahiri = 14°25'14 Julian Calendar 1 June 1323 == Greg. Calendar 9 June 1323

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ASTRODIENST EPHEMERIS for the year 1323
geocentric

JULY 1323 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	19 4 58	15♋45'11	10♊59	27♊35	2♊ 1	20♋27	26♈58	26♉22	19°R52	15°R53	20°R 5	10°R38	8♐59	7♋ 9	26°R35	F 1
S 2	19 8 55	16°42'26	22°48	28° 2	2°46	21° 6	27° 6	26°28	19♑49	15♐52	20♓ 5	10♐37	8°56	7°16	26♑31	S 2
S 3	19 12 51	17°39'42	4♋35	28°33	3°32	21°44	27°13	26°34	19°47	15°50	20° 4	10°35	8°53	7°23	26°28	S 3
M 4	19 16 48	18°36'58	16°24	29°11	4°18	22°23	27°20	26°39	19°45	15°49	20° 4	10°30	8°50	7°29	26°25	M 4
T 5	19 20 45	19°34'16	28°16	29°54	5° 6	23° 1	27°27	26°45	19°42	15°48	20° 3	10°24	8°46	7°36	26°21	T 5
W 6	19 24 41	20°31'33	10♌13	0♋43	5°54	23°40	27°34	26°51	19°40	15°47	20° 3	10°17	8°43	7°43	26°18	W 6
T 7	19 28 38	21°28'51	22°17	1°37	6°43	24°18	27°40	26°57	19°37	15°45	20° 2	10°10	8°40	7°49	26°15	T 7
F 8	19 32 34	22°26'10	4♍30	2°36	7°32	24°57	27°47	27° 2	19°35	15°44	20° 2	10° 3	8°37	7°56	26°11	F 8
S 9	19 36 31	23°23'29	16°54	3°41	8°22	25°35	27°53	27° 8	19°33	15°43	20° 1	9°57	8°34	8° 3	26° 8	S 9
S 10	19 40 27	24°20'49	29°31	4°50	9°13	26°14	27°59	27°13	19°30	15°42	20° 1	9°52	8°31	8° 9	26° 4	S 10
M11	19 44 24	25°18'10	12♎24	6° 5	10° 5	26°52	28° 5	27°18	19°28	15°41	20° 0	9°49	8°27	8°16	26° 1	M11
T 12	19 48 20	26°15'30	25°35	7°25	10°57	27°31	28°11	27°24	19°25	15°39	20° 0	9°D49	8°24	8°23	25°58	T 12
W13	19 52 17	27°12'52	9♏ 8	8°50	11°50	28° 9	28°17	27°29	19°23	15°38	19°59	9°49	8°21	8°29	25°54	W13
T 14	19 56 14	28°10'14	23° 4	10°19	12°43	28°47	28°22	27°34	19°21	15°37	19°58	9°50	8°18	8°36	25°51	T 14
F 15	20 0 10	29° 7'37	7♐23	11°53	13°37	29°26	28°27	27°39	19°18	15°36	19°58	9°R51	8°15	8°43	25°47	F 15
S 16	20 4 7	0♑ 5'00	22° 4	13°30	14°31	0♑ 4	28°33	27°44	19°16	15°35	19°57	9°50	8°12	8°49	25°44	S 16
S 17	20 8 3	1° 2'24	7♑ 2	15°12	15°26	0°43	28°38	27°49	19°14	15°34	19°56	9°48	8° 8	8°56	25°41	S 17
M18	20 12 0	1°59'49	22°10	16°58	16°22	1°21	28°42	27°54	19°11	15°33	19°55	9°43	8° 5	9° 3	25°37	M18
T 19	20 15 56	2°57'15	7♒19	18°46	17°18	1°59	28°47	27°59	19° 9	15°32	19°55	9°36	8° 2	9° 9	25°34	T 19
W20	20 19 53	3°54'42	22°19	20°38	18°14	2°38	28°52	28° 3	19° 7	15°31	19°54	9°29	7°59	9°16	25°30	W20
T 21	20 23 50	4°52'10	7♓ 1	22°32	19°11	3°16	28°56	28° 8	19° 4	15°30	19°53	9°20	7°56	9°23	25°27	T 21
F 22	20 27 46	5°49'39	21°17	24°29	20° 8	3°54	29° 0	28°12	19° 2	15°29	19°52	9°13	7°52	9°29	25°24	F 22
S 23	20 31 43	6°47'10	5♈ 5	26°28	21° 6	4°33	29° 4	28°17	19° 0	15°28	19°52	9° 7	7°49	9°36	25°20	S 23
S 24	20 35 39	7°44'42	18°23	28°28	22° 4	5°11	29° 8	28°21	18°58	15°28	19°51	9° 3	7°46	9°43	25°17	S 24
M25	20 39 36	8°42'16	1♉15	0♌29	23° 3	5°49	29°11	28°25	18°55	15°27	19°50	9° 1	7°43	9°49	25°14	M25
T 26	20 43 32	9°39'51	13°44	2°31	24° 2	6°27	29°15	28°30	18°53	15°26	19°49	9°D 1	7°40	9°56	25°11	T 26
W27	20 47 29	10°37'27	25°55	4°33	25° 2	7° 6	29°18	28°34	18°51	15°25	19°48	9° 2	7°37	10° 3	25° 7	W27
T 28	20 51 25	11°35'05	7♊53	6°36	26° 1	7°44	29°21	28°38	18°49	15°25	19°47	9°R 2	7°33	10° 9	25° 4	T 28
F 29	20 55 22	12°32'45	19°43	8°38	27° 1	8°22	29°24	28°42	18°47	15°24	19°46	9° 1	7°30	10°16	25° 1	F 29
S 30	20 59 18	13°30'26	1♋31	10°41	28° 2	9° 1	29°26	28°45	18°44	15°23	19°45	8°59	7°27	10°23	24°58	S 30
S 31	21 3 15	14♌28'09	13♋19	12♌42	29♊ 3	9♌39	29♈29	28♉49	18♑42	15♐23	19♓45	8♐54	7♐24	10♋29	24♑55	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22n36	22n 8	0s 2	19n54	3s36	16n36	4s 8	23n 1	1n 4	9n14	1s17	17n31	1s57	22s33	0s31	21s23	1n24	18s42	16s 7	22s 7	21s53	20n54	13s52	7n10
S 2	22 29	22 14	1 6	20 7	3 24	16 45	4 7	22 56	1 4	9 16	1 17	17 32	1 57	22 34	0 31	21 23	1 23	18 42	16 7	22 7	21 52	20 53	13 53	7 10
S 3	22 21	21 20	2 7	20 20	3 11	16 54	4 6	22 50	1 5	9 19	1 18	17 33	1 57	22 34	0 31	21 23	1 23	18 42	16 7	22 7	21 52	20 52	13 53	7 11
M 4	22 14	19 30	3 2	20 34	2 58	17 4	4 5	22 44	1 5	9 21	1 18	17 35	1 57	22 34	0 31	21 23	1 23	18 43	16 8	22 6	21 51	20 51	13 54	7 11
T 5	22 6	16 50	3 50	20 48	2 44	17 13	4 4	22 37	1 5	9 23	1 18	17 36	1 58	22 35	0 31	21 23	1 23	18 43	16 8	22 5	21 51	20 50	13 54	7 11
W 6	21 57	13 27	4 28	21 2	2 30	17 23	4 3	22 31	1 5	9 26	1 18	17 37	1 58	22 35	0 31	21 23	1 23	18 44	16 8	22 4	21 50	20 48	13 55	7 11
T 7	21 48	9 29	4 54	21 16	2 15	17 33	4 1	22 24	1 5	9 28	1 19	17 38	1 58	22 36	0 31	21 23	1 23	18 44	16 9	22 3	21 50	20 47	13 55	7 11
F 8	21 39	5 7	5 8	21 29	2 1	17 42	4 0	22 18	1 6	9 30	1 19	17 39	1 58	22 36	0 31	21 23	1 23	18 45	16 9	22 2	21 49	20 46	13 56	7 11
S 9	21 29	0 29	5 7	21 42	1 46	17 52	3 58	22 11	1 6	9 32	1 19	17 40	1 58	22 36	0 31	21 23	1 23	18 45	16 9	22 1	21 49	20 45	13 57	7 11
S 10	21 20	4s15	4 51	21 55	1 32	18 1	3 56	22 4	1 6	9 34	1 19	17 42	1 58	22 37	0 31	21 23	1 23	18 46	16 10	22 1	21 48	20 44	13 57	7 11
M11	21 9	8 55	4 21	22 6	1 17	18 11	3 54	21 56	1 6	9 36	1 19	17 43	1 58	22 37	0 31	21 22	1 23	18 47	16 10	22 0	21 48	20 43	13 58	7 11
T 12	20 59	13 17	3 36	22 17	1 3	18 20	3 52	21 49	1 6	9 38	1 20	17 44	1 58	22 37	0 31	21 22	1 23	18 47	16 10	22 0	21 47	20 41	13 58	7 11
W13	20 48	17 5	2 38	22 26	0 48	18 30	3 50	21 41	1 6	9 39	1 20	17 45	1 58	22 38	0 31	21 22	1 23	18 48	16 11	22 0	21 47	20 40	13 59	7 11
T 14	20 36	20 3	1 29	22 33	0 34	18 39	3 47	21 34	1 6	9 41	1 20	17 46	1 59	22 38	0 31	21 22	1 23	18 48	16 11	22 0	21 46	20 39	14 0	7 11
F 15	20 24	21 50	0 13	22 39	0 21	18 48	3 45	21 26	1 7	9 43	1 20	17 47	1 59	22 38	0 31	21 22	1 23	18 49	16 11	22 0	21 46	20 38	14 0	7 11
S 16	20 12	22 12	1n 5	22 43	0 8	18 57	3 42	21 18	1 7	9 45	1 20	17 48	1 59	22 39	0 31	21 22	1 23	18 49	16 12	22 0	21 45	20 37	14 1	7 11
S 17	20 0	20 59	2 21	22 44	0n 5	19 6	3 39	21 10	1 7	9 46	1 21	17 49	1 59	22 39	0 31	21 22	1 23	18 50	16 12	22 0	21 45	20 35	14 2	7 11
M18	19 47	18 17	3 27	22 44	0 17	19 14	3 37	21 1	1 7	9 48	1 21	17 50	1 59	22 39	0 31	21 22	1 23	18 50	16 12	21 59	21 44	20 34	14 2	7 11
T 19	19 34	14 20	4 19	22 41	0 28	19 22	3 34	20 53	1 7	9 49	1 21	17 51	1 59	22 40	0 31	21 22	1 23	18 51	16 13	21 58	21 44	20 33	14 3	7 11
W20	19 21	9 31	4 53	22 35	0 39	19 30	3 31	20 44	1 7	9 50	1 21	17 52	1 59	22 40	0 31	21 22	1 23	18 51	16 13	21 57	21 43	20 32	14 4	7 11
T 21	19 7	4 14	5 6	22 27	0 49	19 38	3 27	20 35	1 7	9 52	1 22	17 52	1 59	22 40	0 31	21 22	1 23	18 52	16 13	21 56	21 43	20 31	14 4	7 10
F 22	18 53	1n 7	4 59	22 16	0 59	19 46	3 24	20 27	1 8	9 53	1 22	17 53	2 0	22 41	0 31	21 22	1 23	18 53	16 13	21 55	21 42	20 29	14 5	7 10
S 23	18 39	6 14	4 35	22 2	1 7	19 53	3 21	20 17	1 8	9 54	1 22	17 54	2 0	22 41	0 31	21 22	1 23	18 53	16 14	21 54	21 42	20 28	14 6	7 10
S 24	18 24	10 53	3 57	21 46	1 15	20 0	3 18	20 8	1 8	9 55	1 22	17 55	2 0	22 41	0 31	21 22	1 23	18 54	16 14	21 53	21 41	20 27	14 6	7 10
M25	18 9	14 53	3 8	21 27	1 21	20 7	3 14	19 59	1 8	9 56	1 23	17 56	2 0	22 42	0 31	21 22	1 23	18 54	16 14	21 53	21 41	20 26	14 7	7 10
T 26	17 54	18 6	2 11	21 5	1 27	20 13	3 11	19 49	1 8	9 57	1 23	17 57	2 0	22 42	0 31	21 22	1 23	18 55	16 14	21 53	21 40	20 24	14 8	7 10
W27	17 38	20 26	1 10	20 41	1 32	20 19	3 7	19 40	1 8	9 58	1 23	17 57	2 0	22 42	0 31	21 22	1 22	18 55	16 15	21 53	21 40	20 23	14 8	7 10
T 28	17 22	21 48	0 6	20 15	1 37	20 25	3 3	19 30	1 8	9 59	1 23	17 58	2 0	22 42	0 31	21 21	1 22	18 56	16 15	21 53	21 39	20 22	14 9	7 10
F 29	17 6	22 11	0s57	19 47	1 40	20 30	3 0	19 20	1 8	10 0	1 23	17 59	2 1	22 43	0 31	21 21	1 22	18 57	16 15	21 53	21 38	20 21	14 10	7 9
S 30	16 50	21 34	1 57	19 16	1 43	20 35	2 56	19 10	1 9	10 1	1 24	17 59	2 1	22 43	0 31	21 21	1 22	18 57	16 15	21 53	21 38	20 19	14 10	7 9
S 31	16n33	20n 0	2s52	18n44	1n45	20n39	2s52	19n 0	1n 9	10n 1	1s24	18n 0	2s 1	22s43	0s31	21s21	1n22	18s58	16s16	21s52	21s37	20n18	14s11	7n 9

Julian Day Number = 2204464.5, Delta T = 09m48s
Ecliptic obliquity = 23°31'34, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°18'17, Lahiri = 14°25'18 Julian Calendar 1 July 1323 == Greg. Calendar 9 July 1323

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ASTRODIENST EPHEMERIS for the year 1323
geocentric

AUGUST 1323 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	21 7 12	15♌25'53	25♋11	14♌44	0♋ 4	10♌17	29♈31	28♉53	18°R40	15°R22	19°R44	8°R46	7♐21	10♋36	24°R52	M 1
T 2	21 11 8	16°23'39	7♌10	16°44	1° 6	10°55	29°33	28°56	18♑38	15♐21	19♓43	8♐36	7°18	10°43	24♑49	T 2
W 3	21 15 5	17°21'26	19°17	18°43	2° 7	11°34	29°35	29° 0	18°36	15°21	19°42	8°25	7°14	10°49	24°45	W 3
T 4	21 19 1	18°19'15	1♍33	20°41	3° 9	12°12	29°37	29° 3	18°34	15°20	19°41	8°12	7°11	10°56	24°42	T 4
F 5	21 22 58	19°17'04	14° 0	22°38	4°12	12°50	29°38	29° 6	18°32	15°20	19°40	8° 0	7° 8	11° 3	24°39	F 5
S 6	21 26 54	20°14'56	26°37	24°34	5°15	13°28	29°39	29°10	18°30	15°19	19°39	7°49	7° 5	11° 9	24°37	S 6
S 7	21 30 51	21°12'48	9♎25	26°29	6°18	14° 6	29°40	29°13	18°28	15°19	19°38	7°41	7° 2	11°16	24°34	S 7
M 8	21 34 47	22°10'42	22°26	28°22	7°21	14°45	29°41	29°16	18°27	15°18	19°37	7°35	6°58	11°23	24°31	M 8
T 9	21 38 44	23° 8'38	5♏42	0♍14	8°24	15°23	29°42	29°19	18°25	15°18	19°36	7°32	6°55	11°29	24°28	T 9
W10	21 42 41	24° 6'34	19°12	2° 5	9°28	16° 1	29°42	29°21	18°23	15°18	19°34	7°D31	6°52	11°36	24°25	W10
T 11	21 46 37	25° 4'32	3♐ 0	3°55	10°32	16°39	29°43	29°24	18°21	15°17	19°33	7°R31	6°49	11°43	24°22	T 11
F 12	21 50 34	26° 2'32	17° 6	5°43	11°36	17°17	29°R43	29°27	18°19	15°17	19°32	7°31	6°46	11°49	24°20	F 12
S 13	21 54 30	27° 0'32	1♑30	7°30	12°41	17°56	29°43	29°29	18°18	15°17	19°31	7°29	6°43	11°56	24°17	S 13
S 14	21 58 27	27°58'34	16° 9	9°16	13°46	18°34	29°42	29°31	18°16	15°17	19°30	7°25	6°39	12° 3	24°15	S 14
M15	22 2 23	28°56'38	0♒59	11° 0	14°51	19°12	29°42	29°34	18°14	15°16	19°29	7°19	6°36	12° 9	24°12	M15
T 16	22 6 20	29°54'43	15°52	12°43	15°56	19°50	29°41	29°36	18°13	15°16	19°28	7° 9	6°33	12°16	24° 9	T 16
W17	22 10 16	0♍52'50	0♓40	14°25	17° 1	20°28	29°40	29°38	18°11	15°16	19°27	6°59	6°30	12°23	24° 7	W17
T 18	22 14 13	1°50'58	15°14	16° 6	18° 7	21° 6	29°39	29°40	18°10	15°16	19°26	6°47	6°27	12°29	24° 5	T 18
F 19	22 18 10	2°49'08	29°27	17°45	19°13	21°45	29°38	29°42	18° 8	15°16	19°25	6°36	6°23	12°36	24° 2	F 19
S 20	22 22 6	3°47'20	13♈15	19°23	20°19	22°23	29°36	29°44	18° 7	15°D16	19°23	6°27	6°20	12°43	24° 0	S 20
S 21	22 26 3	4°45'34	26°36	21° 1	21°25	23° 1	29°35	29°45	18° 5	15°16	19°22	6°21	6°17	12°49	23°58	S 21
M22	22 29 59	5°43'51	9♉30	22°36	22°32	23°39	29°33	29°47	18° 4	15°16	19°21	6°17	6°14	12°56	23°55	M22
T 23	22 33 56	6°42'09	22° 1	24°11	23°39	24°17	29°31	29°48	18° 3	15°16	19°20	6°15	6°11	13° 3	23°53	T 23
W24	22 37 52	7°40'29	4♊13	25°45	24°46	24°55	29°28	29°49	18° 1	15°16	19°19	6°15	6° 8	13° 9	23°51	W24
T 25	22 41 49	8°38'52	16°12	27°18	25°53	25°33	29°26	29°51	18° 0	15°16	19°18	6°15	6° 4	13°16	23°49	T 25
F 26	22 45 45	9°37'17	28° 3	28°49	27° 0	26°12	29°23	29°52	17°59	15°17	19°16	6°14	6° 1	13°23	23°47	F 26
S 27	22 49 42	10°35'44	9♋51	0♎19	28° 8	26°50	29°20	29°53	17°58	15°17	19°15	6°11	5°58	13°29	23°45	S 27
S 28	22 53 39	11°34'13	21°42	1°48	29°15	27°28	29°17	29°54	17°57	15°17	19°14	6° 6	5°55	13°36	23°43	S 28
M29	22 57 35	12°32'44	3♌38	3°16	0♌23	28° 6	29°14	29°55	17°55	15°17	19°13	5°58	5°52	13°43	23°42	M29
T 30	23 1 32	13°31'17	15°45	4°43	1°31	28°44	29°10	29°55	17°54	15°18	19°12	5°47	5°49	13°49	23°40	T 30
W31	23 5 28	14♍29'52	28♌ 3	6♎ 9	2♌39	29♌22	29♈ 7	29♉56	17♑53	15♐18	19♓10	5♐35	5♐45	13♋56	23♑38	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	16n16	17n34	3s40	18n10	1n46	20n44	2s48	18n50	1n 9	10n 2	1s24	18n 1	2s 1	22s44	0s31	21s21	1n22	18s58	16s16	21s51	21s37	20n17	14s12	7n 9
T 2	15 59	14 23	4 18	17 34	1 46	20 47	2 44	18 39	1 9	10 2	1 24	18 1	2 1	22 44	0 31	21 21	1 22	18 59	16 16	21 49	21 36	20 16	14 13	7 9
W 3	15 41	10 34	4 45	16 57	1 46	20 50	2 40	18 29	1 9	10 3	1 25	18 2	2 1	22 44	0 31	21 21	1 22	19 0	16 16	21 47	21 36	20 14	14 13	7 8
T 4	15 24	6 18	5 0	16 18	1 45	20 53	2 36	18 18	1 9	10 3	1 25	18 3	2 2	22 44	0 31	21 21	1 22	19 0	16 17	21 45	21 35	20 13	14 14	7 8
F 5	15 6	1 42	5 0	15 39	1 44	20 56	2 32	18 7	1 9	10 3	1 25	18 3	2 2	22 45	0 31	21 21	1 22	19 1	16 17	21 43	21 35	20 12	14 15	7 8
S 6	14 47	3s 1	4 46	14 59	1 42	20 58	2 28	17 57	1 9	10 4	1 25	18 4	2 2	22 45	0 31	21 21	1 22	19 1	16 17	21 42	21 34	20 11	14 16	7 8
S 7	14 29	7 41	4 17	14 17	1 39	20 59	2 24	17 46	1 9	10 4	1 26	18 4	2 2	22 45	0 31	21 21	1 22	19 2	16 17	21 40	21 34	20 9	14 16	7 7
M 8	14 10	12 5	3 35	13 35	1 36	21 0	2 20	17 34	1 9	10 4	1 26	18 5	2 2	22 45	0 31	21 21	1 22	19 3	16 17	21 39	21 33	20 8	14 17	7 7
T 9	13 51	15 59	2 40	12 52	1 33	21 0	2 15	17 23	1 9	10 4	1 26	18 5	2 2	22 46	0 31	21 21	1 22	19 3	16 17	21 39	21 33	20 7	14 18	7 7
W10	13 32	19 7	1 35	12 9	1 29	21 0	2 11	17 12	1 10	10 4	1 26	18 5	2 3	22 46	0 31	21 21	1 22	19 4	16 18	21 39	21 32	20 5	14 19	7 7
T 11	13 13	21 14	0 24	11 25	1 24	21 0	2 7	17 0	1 10	10 4	1 27	18 6	2 3	22 46	0 31	21 21	1 22	19 4	16 18	21 39	21 32	20 4	14 19	7 6
F 12	12 53	22 4	0n51	10 41	1 20	20 59	2 2	16 49	1 10	10 3	1 27	18 6	2 3	22 46	0 31	21 21	1 22	19 5	16 18	21 39	21 31	20 3	14 20	7 6
S 13	12 33	21 28	2 3	9 56	1 15	20 57	1 58	16 37	1 10	10 3	1 27	18 7	2 3	22 47	0 31	21 21	1 22	19 5	16 18	21 38	21 31	20 2	14 21	7 6
S 14	12 13	19 25	3 9	9 12	1 9	20 55	1 54	16 25	1 10	10 3	1 27	18 7	2 3	22 47	0 31	21 21	1 22	19 6	16 18	21 38	21 30	20 0	14 22	7 6
M15	11 53	16 4	4 3	8 27	1 4	20 53	1 50	16 13	1 10	10 3	1 27	18 7	2 3	22 47	0 31	21 22	1 22	19 7	16 18	21 37	21 29	19 59	14 22	7 5
T 16	11 33	11 40	4 40	7 42	0 58	20 50	1 45	16 1	1 10	10 2	1 28	18 8	2 4	22 47	0 31	21 22	1 21	19 7	16 19	21 35	21 29	19 58	14 23	7 5
W17	11 12	6 37	4 59	6 57	0 51	20 46	1 41	15 49	1 10	10 2	1 28	18 8	2 4	22 47	0 31	21 22	1 21	19 8	16 19	21 33	21 28	19 56	14 24	7 5
T 18	10 51	1 16	4 57	6 12	0 45	20 42	1 36	15 37	1 10	10 1	1 28	18 8	2 4	22 48	0 31	21 22	1 21	19 8	16 19	21 31	21 28	19 55	14 24	7 4
F 19	10 30	4n 1	4 37	5 27	0 38	20 37	1 32	15 25	1 10	10 0	1 28	18 8	2 4	22 48	0 31	21 22	1 21	19 9	16 19	21 29	21 27	19 54	14 25	7 4
S 20	10 9	8 57	4 2	4 42	0 32	20 32	1 28	15 12	1 10	10 0	1 29	18 9	2 4	22 48	0 31	21 22	1 21	19 9	16 19	21 28	21 27	19 52	14 26	7 4
S 21	9 48	13 18	3 13	3 57	0 25	20 26	1 23	15 0	1 10	9 59	1 29	18 9	2 4	22 48	0 31	21 22	1 21	19 10	16 19	21 27	21 26	19 51	14 27	7 3
M22	9 27	16 52	2 17	3 13	0 17	20 20	1 19	14 47	1 10	9 58	1 29	18 9	2 5	22 48	0 31	21 22	1 21	19 11	16 19	21 26	21 26	19 50	14 27	7 3
T 23	9 5	19 32	1 15	2 28	0 10	20 13	1 15	14 35	1 10	9 57	1 29	18 9	2 5	22 49	0 31	21 22	1 21	19 11	16 19	21 26	21 25	19 48	14 28	7 2
W24	8 43	21 15	0 11	1 44	0 3	20 6	1 10	14 22	1 10	9 56	1 29	18 9	2 5	22 49	0 31	21 22	1 21	19 12	16 20	21 26	21 25	19 47	14 29	7 2
T 25	8 21	21 56	0s52	1 0	0s 5	19 58	1 6	14 9	1 10	9 55	1 30	18 9	2 5	22 49	0 31	21 22	1 21	19 12	16 20	21 26	21 24	19 46	14 29	7 2
F 26	7 59	21 38	1 53	0 17	0 13	19 49	1 2	13 56	1 10	9 54	1 30	18 9	2 5	22 49	0 30	21 22	1 21	19 13	16 20	21 26	21 23	19 44	14 30	7 1
S 27	7 37	20 22	2 48	0s26	0 20	19 40	0 57	13 43	1 10	9 52	1 30	18 9	2 5	22 49	0 30	21 22	1 21	19 13	16 20	21 25	21 23	19 43	14 31	7 1
S 28	7 15	18 13	3 36	1 9	0 28	19 31	0 53	13 30	1 10	9 51	1 30	18 9	2 6	22 49	0 30	21 22	1 21	19 14	16 20	21 24	21 22	19 42	14 32	7 1
M29	6 53	15 17	4 15	1 51	0 36	19 21	0 49	13 17	1 10	9 50	1 30	18 9	2 6	22 49	0 30	21 22	1 21	19 14	16 20	21 23	21 22	19 40	14 32	7 0
T 30	6 30	11 40	4 43	2 33	0 44	19 10	0 45	13 3	1 10	9 48	1 31	18 9	2 6	22 50	0 30	21 22	1 21	19 15	16 20	21 21	21 21	19 39	14 33	7 0
W31	6n 7	7n32	4s58	3s14	0s52	18n59	0s40	12n50	1n10	9n47	1s31	18n 9	2s 6	22s50	0s30	21s23	1n21	19s15	16s20	21s19	21s21	19n38	14s34	6n59

Julian Day Number = 2204495.5, Delta T = 09m48s
Ecliptic obliquity = 23°31'34, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°18'22, Lahiri = 14°25'22 Julian Calendar 1 Aug. 1323 == Greg. Calendar 9 Aug. 1323

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ASTRODIENST EPHEMERIS for the year 1323
geocentric

SEPTEMBER 1323 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	23 9 25	15♍28'29	10♍33	7♎33	3♌48	0♍ 0	29°R 3	29♉56	17°R52	15♐18	19°R 9	5°R22	5♐42	14♋ 3	23°R37	T 1
F 2	23 13 21	16°27'09	23°17	8°57	4°56	0°39	28♈59	29°57	17♏52	15°19	19♓ 8	5♐ 8	5°39	14°10	23♏35	F 2
S 3	23 17 18	17°25'50	6♎14	10°19	6° 5	1°17	28°55	29°57	17°51	15°19	19° 7	4°57	5°36	14°16	23°34	S 3
S 4	23 21 14	18°24'33	19°22	11°40	7°14	1°55	28°50	29°57	17°50	15°20	19° 6	4°48	5°33	14°23	23°32	S 4
M 5	23 25 11	19°23'18	2♏41	12°59	8°23	2°33	28°46	29°R57	17°49	15°20	19° 4	4°41	5°29	14°30	23°31	M 5
T 6	23 29 7	20°22'05	16°10	14°17	9°32	3°11	28°41	29°57	17°48	15°21	19° 3	4°38	5°26	14°36	23°30	T 6
W 7	23 33 4	21°20'53	29°49	15°34	10°41	3°49	28°36	29°57	17°48	15°21	19° 2	4°D37	5°23	14°43	23°28	W 7
T 8	23 37 1	22°19'44	13♐39	16°49	11°51	4°27	28°31	29°56	17°47	15°22	19° 1	4°37	5°20	14°50	23°27	T 8
F 9	23 40 57	23°18'36	27°40	18° 3	13° 0	5° 5	28°26	29°56	17°47	15°22	19° 0	4°R37	5°17	14°56	23°26	F 9
S 10	23 44 54	24°17'30	11♑51	19°15	14°10	5°44	28°20	29°55	17°46	15°23	18°58	4°36	5°14	15° 3	23°25	S 10
S 11	23 48 50	25°16'26	26°11	20°25	15°20	6°22	28°15	29°55	17°46	15°24	18°57	4°32	5°10	15°10	23°24	S 11
M12	23 52 47	26°15'23	10♒37	21°33	16°30	7° 0	28° 9	29°54	17°45	15°25	18°56	4°27	5° 7	15°16	23°23	M12
T 13	23 56 43	27°14'22	25° 4	22°40	17°40	7°38	28° 3	29°53	17°45	15°25	18°55	4°18	5° 4	15°23	23°22	T 13
W14	0 0 40	28°13'23	9♓28	23°44	18°50	8°16	27°57	29°52	17°45	15°26	18°54	4° 8	5° 1	15°30	23°22	W14
T 15	0 4 36	29°12'26	23°42	24°46	20° 1	8°54	27°51	29°51	17°44	15°27	18°52	3°58	4°58	15°36	23°21	T 15
F 16	0 8 33	0♎11'31	7♈39	25°45	21°11	9°32	27°45	29°50	17°44	15°28	18°51	3°48	4°54	15°43	23°20	F 16
S 17	0 12 30	1°10'38	21°16	26°42	22°22	10°11	27°38	29°49	17°44	15°29	18°50	3°40	4°51	15°50	23°20	S 17
S 18	0 16 26	2° 9'48	4♉31	27°36	23°32	10°49	27°32	29°47	17°44	15°30	18°49	3°33	4°48	15°56	23°19	S 18
M19	0 20 23	3° 8'59	17°23	28°26	24°43	11°27	27°25	29°46	17°44	15°30	18°48	3°30	4°45	16° 3	23°19	M19
T 20	0 24 19	4° 8'13	29°54	29°14	25°54	12° 5	27°18	29°44	17°D44	15°31	18°47	3°D29	4°42	16°10	23°19	T 20
W21	0 28 16	5° 7'29	12♊ 7	29°57	27° 5	12°43	27°11	29°42	17°44	15°32	18°45	3°29	4°39	16°16	23°18	W21
T 22	0 32 12	6° 6'48	24° 8	0♏36	28°17	13°21	27° 4	29°41	17°44	15°34	18°44	3°30	4°35	16°23	23°18	T 22
F 23	0 36 9	7° 6'09	6♋ 0	1°10	29°28	13°59	26°57	29°39	17°44	15°35	18°43	3°R30	4°32	16°30	23°18	F 23
S 24	0 40 5	8° 5'32	17°50	1°40	0♍39	14°38	26°50	29°37	17°44	15°36	18°42	3°30	4°29	16°36	23°D18	S 24
S 25	0 44 2	9° 4'58	29°42	2° 4	1°51	15°16	26°42	29°34	17°44	15°37	18°41	3°27	4°26	16°43	23°18	S 25
M26	0 47 59	10° 4'26	11♌41	2°22	3° 3	15°54	26°35	29°32	17°45	15°38	18°40	3°23	4°23	16°50	23°18	M26
T 27	0 51 55	11° 3'56	23°52	2°34	4°14	16°32	26°27	29°30	17°45	15°39	18°39	3°16	4°20	16°56	23°18	T 27
W28	0 55 52	12° 3'28	6♍18	2°R39	5°26	17°10	26°20	29°27	17°45	15°40	18°38	3° 8	4°16	17° 3	23°19	W28
T 29	0 59 48	13° 3'03	19° 1	2°36	6°38	17°48	26°12	29°25	17°46	15°42	18°36	2°58	4°13	17°10	23°19	T 29
F 30	1 3 45	14♎ 2'39	2♎ 1	2♏25	7♍50	18♍27	26♈ 4	29♉22	17♏46	15♐43	18♓35	2♐49	4♐10	17♋16	23♏19	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	5n45	3n 1	4s59	3s55	1s 0	18n47	0s36	12n37	1n10	9n45	1s31	18n 9	2s 6	22s50	0s30	21s23	1n21	19s16	16s20	21s16	21s20	19n36	14s34	6n59
F 2	5 22	1s42	4 46	4 35	1 7	18 35	0 32	12 23	1 11	9 44	1 31	18 9	2 6	22 50	0 30	21 23	1 21	19 16	16 20	21 14	21 20	19 35	14 35	6 58
S 3	4 59	6 25	4 18	5 15	1 15	18 22	0 28	12 9	1 11	9 42	1 31	18 9	2 7	22 50	0 30	21 23	1 21	19 17	16 20	21 12	21 19	19 33	14 36	6 58
S 4	4 36	10 55	3 35	5 54	1 23	18 9	0 24	11 56	1 11	9 40	1 32	18 9	2 7	22 50	0 30	21 23	1 20	19 17	16 20	21 10	21 18	19 32	14 36	6 58
M 5	4 13	14 57	2 41	6 33	1 31	17 55	0 20	11 42	1 11	9 39	1 32	18 9	2 7	22 50	0 30	21 23	1 20	19 18	16 20	21 9	21 18	19 31	14 37	6 57
T 6	3 50	18 16	1 36	7 10	1 39	17 40	0 16	11 28	1 11	9 37	1 32	18 9	2 7	22 50	0 30	21 23	1 20	19 18	16 20	21 9	21 17	19 29	14 38	6 57
W 7	3 27	20 36	0 25	7 47	1 46	17 26	0 12	11 14	1 11	9 35	1 32	18 8	2 7	22 50	0 30	21 23	1 20	19 19	16 20	21 8	21 17	19 28	14 38	6 56
T 8	3 3	21 44	0n48	8 23	1 54	17 10	0 8	11 0	1 11	9 33	1 32	18 8	2 7	22 50	0 30	21 23	1 20	19 19	16 20	21 8	21 16	19 26	14 39	6 56
F 9	2 40	21 31	1 59	8 58	2 1	16 54	0 4	10 46	1 11	9 31	1 32	18 8	2 8	22 50	0 30	21 23	1 20	19 20	16 20	21 8	21 16	19 25	14 39	6 55
S 10	2 17	19 56	3 4	9 33	2 9	16 38	0 0	10 32	1 11	9 29	1 32	18 8	2 8	22 50	0 30	21 24	1 20	19 20	16 20	21 8	21 15	19 24	14 40	6 55
S 11	1 53	17 6	3 58	10 6	2 16	16 21	0n 3	10 18	1 11	9 27	1 33	18 7	2 8	22 51	0 30	21 24	1 20	19 21	16 20	21 7	21 14	19 22	14 41	6 54
M12	1 30	13 11	4 37	10 38	2 23	16 4	0 7	10 4	1 11	9 25	1 33	18 7	2 8	22 51	0 30	21 24	1 20	19 21	16 20	21 6	21 14	19 21	14 41	6 54
T 13	1 6	8 31	4 59	11 10	2 30	15 46	0 11	9 50	1 11	9 22	1 33	18 7	2 8	22 51	0 30	21 24	1 20	19 22	16 20	21 5	21 13	19 19	14 42	6 54
W14	0 43	3 23	5 2	11 40	2 36	15 28	0 14	9 35	1 10	9 20	1 33	18 6	2 8	22 51	0 30	21 24	1 20	19 22	16 20	21 3	21 13	19 18	14 42	6 53
T 15	0 19	1n51	4 45	12 9	2 43	15 9	0 18	9 21	1 10	9 18	1 33	18 6	2 9	22 51	0 30	21 24	1 20	19 23	16 20	21 1	21 12	19 17	14 43	6 53
F 16	0s 5	6 54	4 12	12 36	2 49	14 50	0 22	9 6	1 10	9 16	1 33	18 6	2 9	22 51	0 30	21 24	1 20	19 23	16 20	20 59	21 12	19 15	14 44	6 52
S 17	0 28	11 30	3 25	13 2	2 54	14 30	0 25	8 52	1 10	9 13	1 33	18 5	2 9	22 51	0 30	21 25	1 20	19 23	16 20	20 58	21 11	19 14	14 44	6 52
S 18	0 52	15 24	2 28	13 27	3 0	14 10	0 28	8 37	1 10	9 11	1 33	18 5	2 9	22 51	0 30	21 25	1 20	19 24	16 20	20 56	21 10	19 12	14 45	6 51
M19	1 15	18 26	1 25	13 50	3 4	13 50	0 32	8 23	1 10	9 8	1 33	18 4	2 9	22 51	0 30	21 25	1 20	19 24	16 20	20 56	21 10	19 11	14 45	6 51
T 20	1 39	20 31	0 19	14 11	3 9	13 29	0 35	8 8	1 10	9 6	1 34	18 4	2 9	22 51	0 30	21 25	1 20	19 25	16 20	20 56	21 9	19 9	14 46	6 50
W21	2 3	21 34	0s46	14 30	3 13	13 7	0 38	7 54	1 10	9 3	1 34	18 3	2 9	22 51	0 30	21 25	1 20	19 25	16 20	20 56	21 9	19 8	14 46	6 50
T 22	2 26	21 35	1 48	14 47	3 16	12 46	0 41	7 39	1 10	9 0	1 34	18 3	2 10	22 51	0 30	21 25	1 20	19 25	16 19	20 56	21 8	19 6	14 47	6 49
F 23	2 50	20 38	2 45	15 2	3 19	12 24	0 44	7 24	1 10	8 58	1 34	18 2	2 10	22 51	0 30	21 25	1 20	19 26	16 19	20 56	21 7	19 5	14 47	6 49
S 24	3 13	18 47	3 35	15 14	3 21	12 1	0 47	7 9	1 10	8 55	1 34	18 2	2 10	22 50	0 30	21 26	1 19	19 26	16 19	20 56	21 7	19 4	14 48	6 48
S 25	3 37	16 7	4 15	15 23	3 22	11 38	0 50	6 54	1 10	8 52	1 34	18 1	2 10	22 50	0 30	21 26	1 19	19 26	16 19	20 55	21 6	19 2	14 48	6 48
M26	4 0	12 46	4 45	15 30	3 22	11 15	0 53	6 39	1 10	8 50	1 34	18 0	2 10	22 50	0 30	21 26	1 19	19 27	16 19	20 54	21 6	19 1	14 49	6 47
T 27	4 24	8 51	5 3	15 33	3 21	10 52	0 56	6 24	1 10	8 47	1 34	18 0	2 10	22 50	0 30	21 26	1 19	19 27	16 19	20 53	21 5	18 59	14 49	6 47
W28	4 47	4 29	5 6	15 33	3 19	10 28	0 59	6 9	1 10	8 44	1 34	17 59	2 10	22 50	0 30	21 26	1 19	19 27	16 19	20 52	21 5	18 58	14 50	6 46
T 29	5 10	0s10	4 55	15 29	3 16	10 4	1 2	5 54	1 10	8 41	1 34	17 58	2 10	22 50	0 30	21 27	1 19	19 28	16 19	20 50	21 4	18 56	14 50	6 46
F 30	5s34	4s54	4s28	15s20	3s11	9n39	1n 4	5n39	1n10	8n38	1s34	17n58	2s11	22s50	0s30	21s27	1n19	19s28	16s18	20s48	21s 3	18n55	14s50	6n45

Julian Day Number = 2204526.5, Delta T = 09m48s
Ecliptic obliquity = 23°31'34, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°18'26, Lahiri = 14°25'26 Julian Calendar 1 Sept. 1323 == Greg. Calendar 9 Sept. 1323

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ASTRODIENST EPHEMERIS for the year 1323
geocentric

OCTOBER 1323 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	1 7 41	15♎ 2'18	15♎17	2°R 6	9♍ 2	19♍ 5	25°R56	29°R20	17♑47	15♐44	18°R34	2°R41	4♐ 7	17♋23	23♑20	S 1
S 2	1 11 38	16° 1'59	28°49	1♏38	10°15	19°43	25♈48	29♉17	17°47	15°46	18♓33	2♐35	4° 4	17°30	23°20	S 2
M 3	1 15 34	17° 1'42	12♏33	1° 2	11°27	20°21	25°40	29°14	17°48	15°47	18°32	2°31	4° 0	17°37	23°21	M 3
T 4	1 19 31	18° 1'27	26°26	0°16	12°40	20°59	25°32	29°11	17°49	15°48	18°31	2°D29	3°57	17°43	23°22	T 4
W 5	1 23 28	19° 1'14	10♐26	29♎23	13°52	21°37	25°24	29° 8	17°49	15°50	18°30	2°29	3°54	17°50	23°23	W 5
T 6	1 27 24	20° 1'02	24°31	28°22	15° 5	22°16	25°16	29° 5	17°50	15°51	18°29	2°31	3°51	17°57	23°23	T 6
F 7	1 31 21	21° 0'53	8♑39	27°14	16°17	22°54	25° 8	29° 1	17°51	15°53	18°28	2°32	3°48	18° 3	23°24	F 7
S 8	1 35 17	22° 0'45	22°48	26° 2	17°30	23°32	25° 0	28°58	17°52	15°54	18°27	2°R32	3°45	18°10	23°25	S 8
S 9	1 39 14	23° 0'38	6♒57	24°46	18°43	24°10	24°52	28°54	17°53	15°56	18°26	2°32	3°41	18°17	23°26	S 9
M10	1 43 10	24° 0'33	21° 4	23°30	19°56	24°48	24°44	28°51	17°54	15°57	18°25	2°29	3°38	18°23	23°27	M10
T 11	1 47 7	25° 0'30	5♓ 7	22°14	21° 9	25°27	24°36	28°47	17°55	15°59	18°24	2°25	3°35	18°30	23°29	T 11
W12	1 51 3	26° 0'28	19° 2	21° 3	22°22	26° 5	24°27	28°44	17°56	16° 0	18°23	2°19	3°32	18°37	23°30	W12
T 13	1 55 0	27° 0'29	2♈48	19°57	23°35	26°43	24°19	28°40	17°57	16° 2	18°23	2°13	3°29	18°43	23°31	T 13
F 14	1 58 56	28° 0'31	16°20	19° 0	24°48	27°21	24°11	28°36	17°58	16° 4	18°22	2° 8	3°26	18°50	23°33	F 14
S 15	2 2 53	29° 0'34	29°37	18°11	26° 2	27°59	24° 3	28°32	18° 0	16° 5	18°21	2° 3	3°22	18°57	23°34	S 15
S 16	2 6 50	0♏ 0'40	12♉37	17°34	27°15	28°37	23°55	28°28	18° 1	16° 7	18°20	2° 0	3°19	19° 3	23°36	S 16
M17	2 10 46	1° 0'48	25°19	17° 8	28°28	29°16	23°47	28°24	18° 2	16° 9	18°19	1°58	3°16	19°10	23°37	M17
T 18	2 14 43	2° 0'58	7♊44	16°53	29°42	29°54	23°39	28°20	18° 4	16°10	18°18	1°D58	3°13	19°17	23°39	T 18
W19	2 18 39	3° 1'09	19°56	16°D50	0♎55	0♎32	23°31	28°16	18° 5	16°12	18°17	1°59	3°10	19°23	23°41	W19
T 20	2 22 36	4° 1'23	1♋56	16°58	2° 9	1°10	23°23	28°12	18° 7	16°14	18°17	2° 1	3° 6	19°30	23°43	T 20
F 21	2 26 32	5° 1'39	13°48	17°17	3°23	1°49	23°15	28° 7	18° 8	16°16	18°16	2° 3	3° 3	19°37	23°44	F 21
S 22	2 30 29	6° 1'57	25°39	17°45	4°36	2°27	23° 8	28° 3	18°10	16°18	18°15	2° 4	3° 0	19°44	23°46	S 22
S 23	2 34 25	7° 2'16	7♌31	18°23	5°50	3° 5	23° 0	27°59	18°11	16°19	18°14	2°R 5	2°57	19°50	23°48	S 23
M24	2 38 22	8° 2'38	19°30	19° 8	7° 4	3°43	22°52	27°54	18°13	16°21	18°14	2° 4	2°54	19°57	23°50	M24
T 25	2 42 19	9° 3'02	1♍42	20° 0	8°18	4°22	22°45	27°50	18°15	16°23	18°13	2° 2	2°51	20° 4	23°53	T 25
W26	2 46 15	10° 3'27	14° 9	20°59	9°32	5° 0	22°37	27°45	18°17	16°25	18°12	2° 0	2°47	20°10	23°55	W26
T 27	2 50 12	11° 3'55	26°56	22° 3	10°46	5°38	22°30	27°41	18°18	16°27	18°12	1°57	2°44	20°17	23°57	T 27
F 28	2 54 8	12° 4'24	10♎ 4	23°12	12° 0	6°16	22°23	27°36	18°20	16°29	18°11	1°53	2°41	20°24	23°59	F 28
S 29	2 58 5	13° 4'55	23°34	24°25	13°14	6°55	22°16	27°31	18°22	16°31	18°10	1°51	2°38	20°30	24° 2	S 29
S 30	3 2 1	14° 5'28	7♏25	25°42	14°29	7°33	22° 9	27°27	18°24	16°33	18°10	1°49	2°35	20°37	24° 4	S 30
M31	3 5 58	15♏ 6'03	21♏33	27♎ 1	15♎43	8♎11	22♈ 2	27♉22	18♑26	16♐35	18♓ 9	1♐47	2♐31	20♋44	24♑ 7	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	5s57	9s31	3s47	15s 8	3s 5	9n14	1n 7	5n24	1n10	8n36	1s34	17n57	2s11	22s50	0s30	21s27	1n19	19s28	16s18	20s46	21s 3	18n53	14s51	6n45
S 2	6 20	13 46	2 52	14 51	2 57	8 49	1 9	5 9	1 10	8 33	1 34	17 56	2 11	22 50	0 30	21 27	1 19	19 29	16 18	20 45	21 2	18 52	14 51	6 44
M 3	6 43	17 20	1 46	14 29	2 47	8 24	1 11	4 54	1 10	8 30	1 34	17 56	2 11	22 50	0 30	21 27	1 19	19 29	16 18	20 44	21 2	18 50	14 52	6 44
T 4	7 6	19 57	0 33	14 2	2 36	7 58	1 14	4 39	1 10	8 27	1 34	17 55	2 11	22 50	0 30	21 27	1 19	19 29	16 18	20 44	21 1	18 49	14 52	6 43
W 5	7 28	21 23	0n43	13 31	2 23	7 32	1 16	4 24	1 9	8 24	1 34	17 54	2 11	22 50	0 30	21 28	1 19	19 29	16 18	20 44	21 0	18 47	14 52	6 43
T 6	7 51	21 28	1 57	12 55	2 7	7 6	1 18	4 9	1 9	8 21	1 34	17 53	2 11	22 49	0 30	21 28	1 19	19 30	16 18	20 44	21 0	18 46	14 53	6 42
F 7	8 14	20 11	3 4	12 15	1 51	6 39	1 20	3 53	1 9	8 18	1 34	17 53	2 11	22 49	0 30	21 28	1 19	19 30	16 17	20 45	20 59	18 44	14 53	6 42
S 8	8 36	17 39	3 59	11 32	1 33	6 13	1 22	3 38	1 9	8 15	1 34	17 52	2 11	22 49	0 30	21 28	1 19	19 30	16 17	20 45	20 59	18 43	14 53	6 41
S 9	8 59	14 5	4 40	10 46	1 13	5 46	1 24	3 23	1 9	8 12	1 34	17 51	2 12	22 49	0 30	21 28	1 19	19 30	16 17	20 44	20 58	18 41	14 54	6 41
M10	9 21	9 43	5 5	9 59	0 53	5 19	1 26	3 8	1 9	8 9	1 34	17 50	2 12	22 49	0 30	21 29	1 19	19 30	16 17	20 44	20 57	18 40	14 54	6 40
T 11	9 43	4 51	5 10	9 11	0 32	4 52	1 27	2 52	1 9	8 6	1 34	17 49	2 12	22 49	0 30	21 29	1 19	19 31	16 17	20 43	20 57	18 38	14 54	6 40
W12	10 5	0n13	4 58	8 25	0 12	4 24	1 29	2 37	1 9	8 4	1 34	17 48	2 12	22 49	0 30	21 29	1 19	19 31	16 16	20 42	20 56	18 37	14 55	6 40
T 13	10 27	5 13	4 28	7 42	0n 9	3 57	1 31	2 22	1 9	8 1	1 34	17 47	2 12	22 48	0 30	21 29	1 19	19 31	16 16	20 41	20 56	18 35	14 55	6 39
F 14	10 48	9 53	3 44	7 2	0 28	3 29	1 32	2 6	1 9	7 58	1 34	17 47	2 12	22 48	0 30	21 29	1 19	19 31	16 16	20 40	20 55	18 34	14 55	6 39
S 15	11 10	13 59	2 48	6 27	0 46	3 1	1 33	1 51	1 9	7 55	1 33	17 46	2 12	22 48	0 30	21 30	1 19	19 31	16 16	20 39	20 54	18 32	14 55	6 38
S 16	11 31	17 20	1 44	5 57	1 3	2 33	1 35	1 36	1 8	7 52	1 33	17 45	2 12	22 48	0 30	21 30	1 18	19 31	16 15	20 38	20 54	18 31	14 55	6 38
M17	11 52	19 45	0 36	5 33	1 18	2 5	1 36	1 20	1 8	7 49	1 33	17 44	2 12	22 48	0 30	21 30	1 18	19 31	16 15	20 38	20 53	18 29	14 56	6 37
T 18	12 13	21 10	0s32	5 15	1 31	1 36	1 37	1 5	1 8	7 46	1 33	17 43	2 12	22 47	0 30	21 30	1 18	19 32	16 15	20 38	20 53	18 28	14 56	6 37
W19	12 34	21 32	1 37	5 3	1 43	1 8	1 38	0 50	1 8	7 43	1 33	17 42	2 12	22 47	0 30	21 31	1 18	19 32	16 15	20 38	20 52	18 26	14 56	6 36
T 20	12 54	20 54	2 37	4 58	1 53	0 39	1 39	0 34	1 8	7 41	1 33	17 41	2 12	22 47	0 30	21 31	1 18	19 32	16 14	20 38	20 51	18 25	14 56	6 36
F 21	13 15	19 20	3 30	4 57	2 0	0 11	1 40	0 19	1 8	7 38	1 33	17 40	2 12	22 47	0 29	21 31	1 18	19 32	16 14	20 39	20 51	18 23	14 56	6 35
S 22	13 35	16 56	4 14	5 2	2 7	0s18	1 41	0 3	1 8	7 35	1 33	17 39	2 12	22 47	0 29	21 31	1 18	19 32	16 14	20 39	20 50	18 21	14 56	6 35
S 23	13 55	13 50	4 47	5 12	2 11	0 47	1 41	0s12	1 8	7 32	1 32	17 38	2 12	22 46	0 29	21 31	1 18	19 32	16 14	20 39	20 49	18 20	14 57	6 34
M24	14 14	10 9	5 7	5 26	2 15	1 15	1 42	0 27	1 7	7 30	1 32	17 37	2 12	22 46	0 29	21 32	1 18	19 32	16 13	20 39	20 49	18 18	14 57	6 34
T 25	14 34	6 0	5 15	5 44	2 17	1 44	1 43	0 43	1 7	7 27	1 32	17 36	2 12	22 46	0 29	21 32	1 18	19 32	16 13	20 39	20 48	18 17	14 57	6 33
W26	14 53	1 31	5 8	6 6	2 18	2 13	1 43	0 58	1 7	7 25	1 32	17 35	2 12	22 46	0 29	21 32	1 18	19 32	16 13	20 38	20 48	18 15	14 57	6 33
T 27	15 12	3s 9	4 46	6 30	2 17	2 42	1 43	1 13	1 7	7 22	1 32	17 34	2 12	22 45	0 29	21 32	1 18	19 32	16 13	20 38	20 47	18 14	14 57	6 33
F 28	15 31	7 48	4 8	6 56	2 16	3 10	1 44	1 29	1 7	7 19	1 32	17 33	2 12	22 45	0 29	21 33	1 18	19 32	16 12	20 37	20 46	18 12	14 57	6 32
S 29	15 49	12 13	3 16	7 25	2 14	3 39	1 44	1 44	1 7	7 17	1 31	17 32	2 12	22 45	0 29	21 33	1 18	19 32	16 12	20 36	20 46	18 11	14 57	6 32
S 30	16 8	16 6	2 11	7 56	2 11	4 8	1 44	1 59	1 6	7 15	1 31	17 31	2 12	22 44	0 29	21 33	1 18	19 32	16 12	20 36	20 45	18 9	14 57	6 31
M31	16s25	19s 7	0s56	8s28	2n 8	4s36	1n44	2s15	1n 6	7n12	1s31	17n30	2s12	22s44	0s29	21s33	1n18	19s32	16s11	20s36	20s44	18n 7	14s57	6n31

Julian Day Number = 2204556.5, Delta T = 09m48s
Ecliptic obliquity = 23°31'34, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°18'30, Lahiri = 14°25'30 Julian Calendar 1 Oct. 1323 == Greg. Calendar 9 Oct. 1323

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ASTRODIENST EPHEMERIS for the year 1323
geocentric

NOVEMBER 1323 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	3 9 54	16♏ 6'39	5♐55	28♎23	16♎57	8♎49	21°R55	27°R17	18♑28	16♐37	18°R 9	1°D47	2♐28	20♋50	24♑ 9	T 1
W 2	3 13 51	17° 7'16	20°23	29°47	18°11	9°28	21♈48	27♉12	18°30	16°39	18♓ 8	1♐48	2°25	20°57	24°12	W 2
T 3	3 17 48	18° 7'55	4♑54	1♏13	19°26	10° 6	21°42	27° 7	18°32	16°41	18° 8	1°49	2°22	21° 4	24°15	T 3
F 4	3 21 44	19° 8'35	19°22	2°40	20°40	10°44	21°35	27° 3	18°35	16°43	18° 7	1°50	2°19	21°10	24°18	F 4
S 5	3 25 41	20° 9'17	3♒44	4° 9	21°55	11°22	21°29	26°58	18°37	16°45	18° 7	1°51	2°16	21°17	24°20	S 5
S 6	3 29 37	21° 9'59	17°55	5°38	23° 9	12° 1	21°23	26°53	18°39	16°47	18° 6	1°R51	2°12	21°24	24°23	S 6
M 7	3 33 34	22°10'42	1♓55	7° 9	24°24	12°39	21°17	26°48	18°41	16°49	18° 6	1°51	2° 9	21°31	24°26	M 7
T 8	3 37 30	23°11'26	15°41	8°40	25°38	13°17	21°11	26°43	18°44	16°51	18° 5	1°50	2° 6	21°37	24°29	T 8
W 9	3 41 27	24°12'12	29°14	10°11	26°53	13°55	21° 6	26°38	18°46	16°53	18° 5	1°50	2° 3	21°44	24°32	W 9
T 10	3 45 23	25°12'58	12♈34	11°43	28° 7	14°34	21° 0	26°33	18°48	16°56	18° 5	1°49	2° 0	21°51	24°35	T 10
F 11	3 49 20	26°13'46	25°40	13°16	29°22	15°12	20°55	26°28	18°51	16°58	18° 4	1°48	1°57	21°57	24°39	F 11
S 12	3 53 17	27°14'34	8♉32	14°49	0♏37	15°50	20°50	26°23	18°53	17° 0	18° 4	1°47	1°53	22° 4	24°42	S 12
S 13	3 57 13	28°15'24	21°12	16°21	1°51	16°28	20°45	26°18	18°56	17° 2	18° 4	1°47	1°50	22°11	24°45	S 13
M14	4 1 10	29°16'15	3♊39	17°54	3° 6	17° 7	20°40	26°13	18°58	17° 4	18° 3	1°D47	1°47	22°17	24°48	M14
T 15	4 5 6	0♐17'07	15°54	19°28	4°21	17°45	20°35	26° 8	19° 1	17° 6	18° 3	1°47	1°44	22°24	24°52	T 15
W16	4 9 3	1°18'01	27°59	21° 1	5°36	18°23	20°31	26° 3	19° 4	17° 9	18° 3	1°R47	1°41	22°31	24°55	W16
T 17	4 12 59	2°18'55	9♋57	22°34	6°51	19° 1	20°27	25°59	19° 6	17°11	18° 3	1°47	1°37	22°37	24°59	T 17
F 18	4 16 56	3°19'51	21°49	24° 8	8° 5	19°40	20°23	25°54	19° 9	17°13	18° 3	1°47	1°34	22°44	25° 2	F 18
S 19	4 20 52	4°20'48	3♌39	25°41	9°20	20°18	20°19	25°49	19°12	17°15	18° 2	1°47	1°31	22°51	25° 6	S 19
S 20	4 24 49	5°21'46	15°31	27°15	10°35	20°56	20°15	25°44	19°14	17°17	18° 2	1°46	1°28	22°58	25° 9	S 20
M21	4 28 46	6°22'45	27°28	28°48	11°50	21°35	20°11	25°39	19°17	17°20	18° 2	1°46	1°25	23° 4	25°13	M21
T 22	4 32 42	7°23'46	9♍37	0♐22	13° 5	22°13	20° 8	25°34	19°20	17°22	18° 2	1°D46	1°22	23°11	25°17	T 22
W23	4 36 39	8°24'47	22° 0	1°56	14°20	22°51	20° 5	25°30	19°23	17°24	18° 2	1°46	1°18	23°18	25°21	W23
T 24	4 40 35	9°25'50	4♎43	3°29	15°35	23°29	20° 2	25°25	19°26	17°26	18° 2	1°47	1°15	23°24	25°24	T 24
F 25	4 44 32	10°26'54	17°49	5° 3	16°50	24° 8	19°59	25°20	19°29	17°29	18°D 2	1°48	1°12	23°31	25°28	F 25
S 26	4 48 28	11°27'59	1♏21	6°37	18° 5	24°46	19°57	25°16	19°32	17°31	18° 2	1°49	1° 9	23°38	25°32	S 26
S 27	4 52 25	12°29'04	15°18	8°11	19°20	25°24	19°55	25°11	19°35	17°33	18° 2	1°49	1° 6	23°44	25°36	S 27
M28	4 56 21	13°30'11	29°40	9°45	20°35	26° 3	19°53	25° 6	19°38	17°35	18° 2	1°R50	1° 3	23°51	25°40	M28
T 29	5 0 18	14°31'19	14♐21	11°19	21°50	26°41	19°51	25° 2	19°41	17°38	18° 2	1°49	0°59	23°58	25°44	T 29
W30	5 4 15	15♐32'27	29♐15	12♐54	23♏ 5	27♎19	19♈49	24♉57	19♑44	17♐40	18♓ 2	1♐48	0♐56	24♋ 5	25♑48	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	16s43	21s 0	0n23	9s 1	2n 4	5s 5	1n44	2s30	1n 6	7n10	1s31	17n29	2s12	22s44	0s29	21s33	1n18	19s32	16s11	20s36	20s44	18n 6	14s57	6n30
W 2	17 0	21 30	1 41	9 34	1 59	5 33	1 44	2 45	1 6	7 8	1 31	17 27	2 12	22 44	0 29	21 34	1 18	19 32	16 11	20 36	20 43	18 4	14 57	6 30
T 3	17 18	20 33	2 53	10 9	1 54	6 2	1 44	3 0	1 6	7 5	1 30	17 26	2 12	22 43	0 29	21 34	1 18	19 32	16 11	20 36	20 43	18 3	14 57	6 30
F 4	17 34	18 15	3 54	10 44	1 49	6 30	1 44	3 16	1 6	7 3	1 30	17 25	2 12	22 43	0 29	21 34	1 18	19 32	16 10	20 36	20 42	18 1	14 57	6 29
S 5	17 51	14 51	4 40	11 19	1 43	6 58	1 43	3 31	1 5	7 1	1 30	17 24	2 12	22 43	0 29	21 34	1 18	19 32	16 10	20 36	20 41	18 0	14 57	6 29
S 6	18 7	10 38	5 8	11 55	1 38	7 26	1 43	3 46	1 5	6 59	1 30	17 23	2 12	22 42	0 29	21 35	1 18	19 32	16 10	20 36	20 41	17 58	14 57	6 28
M 7	18 23	5 54	5 17	12 31	1 31	7 54	1 42	4 1	1 5	6 57	1 29	17 22	2 12	22 42	0 29	21 35	1 18	19 31	16 9	20 36	20 40	17 56	14 57	6 28
T 8	18 38	0 56	5 8	13 6	1 25	8 22	1 42	4 16	1 5	6 55	1 29	17 21	2 12	22 42	0 29	21 35	1 18	19 31	16 9	20 36	20 39	17 55	14 56	6 28
W 9	18 53	4n 0	4 42	13 41	1 18	8 50	1 41	4 31	1 5	6 53	1 29	17 20	2 12	22 41	0 29	21 35	1 18	19 31	16 9	20 36	20 39	17 53	14 56	6 27
T 10	19 8	8 40	4 1	14 16	1 12	9 17	1 40	4 46	1 4	6 51	1 29	17 19	2 12	22 41	0 29	21 36	1 18	19 31	16 8	20 36	20 38	17 52	14 56	6 27
F 11	19 23	12 52	3 7	14 51	1 5	9 44	1 40	5 1	1 4	6 50	1 28	17 18	2 12	22 41	0 29	21 36	1 18	19 31	16 8	20 36	20 38	17 50	14 56	6 26
S 12	19 37	16 23	2 6	15 25	0 58	10 11	1 39	5 16	1 4	6 48	1 28	17 17	2 12	22 40	0 29	21 36	1 18	19 31	16 8	20 36	20 37	17 48	14 56	6 26
S 13	19 51	19 4	0 58	15 58	0 51	10 38	1 38	5 31	1 4	6 46	1 28	17 16	2 12	22 40	0 29	21 36	1 18	19 30	16 7	20 36	20 36	17 47	14 56	6 26
M14	20 4	20 47	0s10	16 31	0 44	11 4	1 37	5 46	1 4	6 45	1 28	17 15	2 12	22 39	0 29	21 36	1 18	19 30	16 7	20 36	20 36	17 45	14 55	6 25
T 15	20 17	21 29	1 18	17 4	0 37	11 31	1 36	6 1	1 3	6 43	1 27	17 13	2 12	22 39	0 29	21 37	1 18	19 30	16 7	20 36	20 35	17 43	14 55	6 25
W16	20 30	21 10	2 21	17 36	0 30	11 57	1 35	6 16	1 3	6 42	1 27	17 12	2 12	22 39	0 29	21 37	1 18	19 30	16 6	20 36	20 34	17 42	14 55	6 24
T 17	20 42	19 53	3 17	18 7	0 23	12 23	1 33	6 30	1 3	6 40	1 27	17 11	2 11	22 38	0 29	21 37	1 18	19 30	16 6	20 36	20 34	17 40	14 55	6 24
F 18	20 54	17 44	4 4	18 37	0 16	12 48	1 32	6 45	1 3	6 39	1 27	17 10	2 11	22 38	0 29	21 37	1 18	19 29	16 6	20 36	20 33	17 39	14 54	6 24
S 19	21 5	14 52	4 40	19 6	0 9	13 13	1 31	7 0	1 2	6 38	1 26	17 9	2 11	22 38	0 29	21 38	1 18	19 29	16 5	20 36	20 32	17 37	14 54	6 23
S 20	21 16	11 23	5 5	19 35	0 2	13 38	1 29	7 14	1 2	6 37	1 26	17 8	2 11	22 37	0 29	21 38	1 18	19 29	16 5	20 35	20 32	17 35	14 54	6 23
M21	21 27	7 26	5 17	20 2	0s 5	14 3	1 28	7 29	1 2	6 36	1 26	17 7	2 11	22 37	0 29	21 38	1 18	19 29	16 5	20 35	20 31	17 34	14 54	6 23
T 22	21 37	3 8	5 15	20 29	0 11	14 27	1 26	7 44	1 2	6 35	1 25	17 6	2 11	22 36	0 29	21 38	1 17	19 28	16 4	20 35	20 30	17 32	14 53	6 22
W23	21 47	1s23	4 58	20 55	0 18	14 51	1 25	7 58	1 1	6 34	1 25	17 5	2 11	22 36	0 29	21 38	1 17	19 28	16 4	20 35	20 30	17 30	14 53	6 22
T 24	21 57	5 57	4 27	21 20	0 25	15 14	1 23	8 13	1 1	6 33	1 25	17 4	2 11	22 35	0 29	21 39	1 17	19 28	16 4	20 36	20 29	17 29	14 53	6 22
F 25	22 6	10 25	3 41	21 44	0 31	15 37	1 22	8 27	1 1	6 32	1 24	17 3	2 10	22 35	0 29	21 39	1 17	19 27	16 3	20 36	20 28	17 27	14 52	6 21
S 26	22 14	14 30	2 41	22 7	0 38	16 0	1 20	8 41	1 1	6 32	1 24	17 2	2 10	22 35	0 29	21 39	1 17	19 27	16 3	20 36	20 28	17 25	14 52	6 21
S 27	22 22	17 55	1 30	22 28	0 44	16 22	1 18	8 55	1 0	6 31	1 24	17 1	2 10	22 34	0 29	21 39	1 17	19 27	16 3	20 36	20 27	17 24	14 51	6 21
M28	22 30	20 21	0 12	22 49	0 50	16 44	1 16	9 10	1 0	6 31	1 24	17 0	2 10	22 34	0 29	21 40	1 17	19 26	16 2	20 36	20 27	17 22	14 51	6 21
T 29	22 37	21 28	1n 9	23 8	0 56	17 6	1 14	9 24	1 0	6 30	1 23	17 0	2 10	22 33	0 29	21 40	1 17	19 26	16 2	20 36	20 26	17 21	14 51	6 20
W30	22s44	21s 5	2n26	23s27	1s 2	17s27	1n13	9s38	0n59	6n30	1s23	16n59	2s10	22s33	0s29	21s40	1n17	19s26	16s 2	20s36	20s25	17n19	14s50	6n20

Julian Day Number = 2204587.5, Delta T = 09m48s
Ecliptic obliquity = 23°31'33, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°18'34, Lahiri = 14°25'35 Julian Calendar 1 Nov. 1323 == Greg. Calendar 9 Nov. 1323

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ASTRODIENST EPHEMERIS for the year 1323
geocentric

DECEMBER 1323 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	5 8 11	16♐33'35	14♉15	14♐28	24♏21	27♎57	19°R48	24°R53	19♉47	17♐42	18♓ 3	1°R47	0♐53	24♋11	25♉52	T 1
F 2	5 12 8	17°34'44	29°10	16° 3	25°36	28°36	19♈46	24♉49	19°50	17°44	18° 3	1♐45	0°50	24°18	25°56	F 2
S 3	5 16 4	18°35'54	13♒54	17°37	26°51	29°14	19°45	24°44	19°53	17°47	18° 3	1°43	0°47	24°25	26° 1	S 3
S 4	5 20 1	19°37'03	28°20	19°12	28° 6	29°52	19°44	24°40	19°56	17°49	18° 3	1°41	0°43	24°31	26° 5	S 4
M 5	5 23 57	20°38'13	12♓26	20°47	29°21	0♏31	19°44	24°36	19°59	17°51	18° 3	1°40	0°40	24°38	26° 9	M 5
T 6	5 27 54	21°39'22	26°10	22°23	0♐36	1° 9	19°43	24°32	20° 2	17°54	18° 4	1°D40	0°37	24°45	26°13	T 6
W 7	5 31 51	22°40'32	9♈33	23°58	1°51	1°47	19°43	24°28	20° 6	17°56	18° 4	1°41	0°34	24°51	26°18	W 7
T 8	5 35 47	23°41'41	22°36	25°34	3° 7	2°25	19°D43	24°24	20° 9	17°58	18° 4	1°42	0°31	24°58	26°22	T 8
F 9	5 39 44	24°42'51	5♉23	27°10	4°22	3° 4	19°43	24°20	20°12	18° 0	18° 5	1°44	0°28	25° 5	26°26	F 9
S 10	5 43 40	25°44'01	17°55	28°46	5°37	3°42	19°44	24°16	20°15	18° 3	18° 5	1°45	0°24	25°11	26°31	S 10
S 11	5 47 37	26°45'11	0♊16	0♉23	6°52	4°20	19°44	24°12	20°19	18° 5	18° 5	1°R46	0°21	25°18	26°35	S 11
M12	5 51 33	27°46'21	12°27	2° 0	8° 7	4°58	19°45	24° 8	20°22	18° 7	18° 6	1°45	0°18	25°25	26°40	M12
T 13	5 55 30	28°47'31	24°31	3°37	9°23	5°36	19°46	24° 5	20°25	18° 9	18° 6	1°43	0°15	25°32	26°44	T 13
W14	5 59 26	29°48'41	6♋29	5°14	10°38	6°15	19°48	24° 1	20°29	18°12	18° 7	1°40	0°12	25°38	26°49	W14
T 15	6 3 23	0♉49'51	18°23	6°52	11°53	6°53	19°49	23°58	20°32	18°14	18° 7	1°35	0° 9	25°45	26°53	T 15
F 16	6 7 20	1°51'01	0♌14	8°30	13° 8	7°31	19°51	23°55	20°36	18°16	18° 8	1°30	0° 5	25°52	26°58	F 16
S 17	6 11 16	2°52'12	12° 5	10° 8	14°23	8° 9	19°53	23°51	20°39	18°18	18° 8	1°24	0° 2	25°58	27° 3	S 17
S 18	6 15 13	3°53'22	23°58	11°47	15°39	8°48	19°55	23°48	20°42	18°20	18° 9	1°18	29♏59	26° 5	27° 7	S 18
M19	6 19 9	4°54'32	5♍56	13°25	16°54	9°26	19°57	23°45	20°46	18°23	18° 9	1°13	29°56	26°12	27°12	M19
T 20	6 23 6	5°55'43	18° 2	15° 4	18° 9	10° 4	19°59	23°42	20°49	18°25	18°10	1°10	29°53	26°18	27°17	T 20
W21	6 27 2	6°56'53	0♎21	16°43	19°24	10°42	20° 2	23°39	20°53	18°27	18°10	1° 8	29°49	26°25	27°21	W21
T 22	6 30 59	7°58'04	12°58	18°22	20°40	11°20	20° 5	23°36	20°56	18°29	18°11	1°D 8	29°46	26°32	27°26	T 22
F 23	6 34 55	8°59'15	25°55	20° 1	21°55	11°59	20° 8	23°34	21° 0	18°31	18°12	1° 9	29°43	26°39	27°31	F 23
S 24	6 38 52	10° 0'26	9♏18	21°40	23°10	12°37	20°11	23°31	21° 3	18°34	18°12	1°11	29°40	26°45	27°35	S 24
S 25	6 42 49	11° 1'36	23° 9	23°19	24°26	13°15	20°15	23°28	21° 7	18°36	18°13	1°12	29°37	26°52	27°40	S 25
M26	6 46 45	12° 2'47	7♐27	24°58	25°41	13°53	20°18	23°26	21°10	18°38	18°14	1°R12	29°34	26°59	27°45	M26
T 27	6 50 42	13° 3'58	22°12	26°36	26°56	14°31	20°22	23°24	21°14	18°40	18°14	1°10	29°30	27° 5	27°50	T 27
W28	6 54 38	14° 5'08	7♑16	28°13	28°11	15° 9	20°26	23°21	21°17	18°42	18°15	1° 7	29°27	27°12	27°55	W28
T 29	6 58 35	15° 6'17	22°32	29°50	29°27	15°48	20°30	23°19	21°21	18°44	18°16	1° 1	29°24	27°19	27°59	T 29
F 30	7 2 31	16° 7'26	7♒49	1♒26	0♑42	16°26	20°35	23°17	21°24	18°46	18°17	0°54	29°21	27°26	28° 4	F 30
S 31	7 6 28	17♑ 8'35	22♒55	3♒ 0	1♑57	17♏ 4	20♈39	23♉15	21♑28	18♐48	18♓18	0♐47	29♏18	27♋32	28♑ 9	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22s51	19s13	3n34	23s44	1s 7	17s47	1n11	9s52	0n59	6n30	1s23	16n58	2s10	22s32	0s29	21s40	1n17	19s25	16s 1	20s36	20s25	17n17	14s50	6n20
F 2	22 57	16 3	4 27	24 0	1 13	18 7	1 9	10 6	0 59	6 29	1 22	16 57	2 9	22 32	0 29	21 40	1 17	19 25	16 1	20 35	20 24	17 16	14 49	6 19
S 3	23 2	11 55	5 1	24 14	1 18	18 27	1 7	10 20	0 59	6 29	1 22	16 56	2 9	22 31	0 29	21 41	1 17	19 25	16 0	20 35	20 23	17 14	14 49	6 19
S 4	23 7	7 10	5 15	24 28	1 23	18 46	1 4	10 34	0 58	6 29	1 22	16 55	2 9	22 31	0 29	21 41	1 17	19 24	16 0	20 34	20 23	17 12	14 48	6 19
M 5	23 12	2 8	5 10	24 40	1 28	19 4	1 2	10 47	0 58	6 29	1 21	16 54	2 9	22 31	0 29	21 41	1 17	19 24	16 0	20 34	20 22	17 10	14 48	6 19
T 6	23 16	2n52	4 48	24 51	1 33	19 22	1 0	11 1	0 58	6 30	1 21	16 53	2 9	22 30	0 29	21 41	1 17	19 23	15 59	20 34	20 21	17 9	14 47	6 18
W 7	23 19	7 37	4 10	25 0	1 37	19 40	0 58	11 15	0 57	6 30	1 21	16 53	2 8	22 30	0 29	21 41	1 17	19 23	15 59	20 34	20 21	17 7	14 47	6 18
T 8	23 22	11 55	3 19	25 8	1 41	19 57	0 56	11 28	0 57	6 30	1 20	16 52	2 8	22 29	0 29	21 42	1 17	19 22	15 59	20 35	20 20	17 5	14 46	6 18
F 9	23 25	15 34	2 20	25 15	1 45	20 13	0 53	11 41	0 57	6 30	1 20	16 51	2 8	22 29	0 29	21 42	1 17	19 22	15 58	20 35	20 19	17 4	14 45	6 18
S 10	23 27	18 27	1 16	25 20	1 49	20 29	0 51	11 55	0 56	6 31	1 20	16 50	2 8	22 28	0 29	21 42	1 17	19 22	15 58	20 35	20 19	17 2	14 45	6 17
S 11	23 29	20 25	0 8	25 24	1 52	20 44	0 49	12 8	0 56	6 31	1 19	16 50	2 8	22 28	0 29	21 42	1 17	19 21	15 58	20 35	20 18	17 0	14 44	6 17
M12	23 30	21 24	0s58	25 26	1 55	20 59	0 46	12 21	0 55	6 32	1 19	16 49	2 7	22 27	0 29	21 43	1 17	19 21	15 57	20 35	20 17	16 59	14 44	6 17
T 13	23 31	21 23	2 2	25 27	1 58	21 13	0 44	12 34	0 55	6 33	1 19	16 48	2 7	22 27	0 29	21 43	1 17	19 20	15 57	20 35	20 17	16 57	14 43	6 17
W14	23 32	20 23	2 59	25 26	2 1	21 26	0 42	12 47	0 55	6 33	1 18	16 48	2 7	22 26	0 29	21 43	1 17	19 20	15 57	20 34	20 16	16 55	14 42	6 17
T 15	23 31	18 30	3 48	25 23	2 3	21 39	0 39	13 0	0 54	6 34	1 18	16 47	2 7	22 26	0 29	21 43	1 17	19 19	15 56	20 33	20 15	16 54	14 42	6 16
F 16	23 31	15 49	4 27	25 19	2 5	21 51	0 37	13 13	0 54	6 35	1 18	16 46	2 7	22 25	0 29	21 43	1 17	19 19	15 56	20 32	20 15	16 52	14 41	6 16
S 17	23 30	12 31	4 54	25 14	2 6	22 2	0 34	13 26	0 54	6 36	1 17	16 46	2 6	22 25	0 29	21 43	1 17	19 18	15 56	20 31	20 14	16 50	14 40	6 16
S 18	23 28	8 43	5 9	25 7	2 7	22 13	0 32	13 39	0 53	6 37	1 17	16 45	2 6	22 24	0 29	21 44	1 17	19 18	15 55	20 30	20 13	16 48	14 40	6 16
M19	23 26	4 33	5 11	24 58	2 8	22 23	0 29	13 51	0 53	6 38	1 17	16 45	2 6	22 23	0 29	21 44	1 17	19 17	15 55	20 29	20 13	16 47	14 39	6 16
T 20	23 24	0 10	4 58	24 47	2 8	22 33	0 27	14 4	0 52	6 40	1 17	16 44	2 6	22 23	0 29	21 44	1 17	19 17	15 55	20 28	20 12	16 45	14 38	6 16
W21	23 21	4s18	4 32	24 35	2 7	22 42	0 24	14 16	0 52	6 41	1 16	16 44	2 5	22 22	0 29	21 44	1 17	19 16	15 54	20 28	20 11	16 43	14 37	6 15
T 22	23 17	8 42	3 53	24 21	2 7	22 50	0 22	14 28	0 52	6 42	1 16	16 43	2 5	22 22	0 29	21 44	1 17	19 15	15 54	20 28	20 10	16 42	14 37	6 15
F 23	23 13	12 51	3 0	24 5	2 5	22 57	0 19	14 40	0 51	6 44	1 16	16 43	2 5	22 21	0 29	21 45	1 17	19 15	15 54	20 28	20 10	16 40	14 36	6 15
S 24	23 9	16 29	1 56	23 48	2 3	23 4	0 17	14 52	0 51	6 45	1 15	16 42	2 5	22 21	0 29	21 45	1 17	19 14	15 53	20 28	20 9	16 38	14 35	6 15
S 25	23 4	19 20	0 44	23 29	2 1	23 10	0 14	15 4	0 50	6 47	1 15	16 42	2 4	22 20	0 29	21 45	1 17	19 14	15 53	20 28	20 8	16 36	14 34	6 15
M26	22 59	21 5	0n34	23 9	1 58	23 16	0 12	15 16	0 50	6 49	1 15	16 42	2 4	22 20	0 29	21 45	1 17	19 13	15 53	20 28	20 8	16 35	14 34	6 15
T 27	22 53	21 26	1 51	22 47	1 54	23 20	0 9	15 28	0 49	6 50	1 14	16 41	2 4	22 19	0 29	21 45	1 17	19 13	15 52	20 28	20 7	16 33	14 33	6 15
W28	22 47	20 17	3 3	22 23	1 50	23 24	0 7	15 40	0 49	6 52	1 14	16 41	2 4	22 19	0 29	21 45	1 17	19 12	15 52	20 27	20 6	16 31	14 32	6 15
T 29	22 40	17 39	4 2	21 58	1 45	23 27	0 4	15 51	0 48	6 54	1 14	16 41	2 3	22 18	0 29	21 46	1 17	19 11	15 52	20 26	20 6	16 30	14 31	6 14
F 30	22 33	13 49	4 44	21 31	1 39	23 30	0 2	16 3	0 48	6 56	1 13	16 41	2 3	22 18	0 29	21 46	1 17	19 11	15 52	20 25	20 5	16 28	14 30	6 14
S 31	22s25	9s 7	5n 5	21s 3	1s32	23s32	0s 1	16s14	0n47	6n58	1s13	16n40	2s 3	22s17	0s29	21s46	1n17	19s10	15s51	20s23	20s 4	16n26	14s29	6n14

Julian Day Number = 2204617.5, Delta T = 09m48s
Ecliptic obliquity = 23°31'32, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°18'38, Lahiri = 14°25'39 Julian Calendar 1 Dec. 1323 == Greg. Calendar 9 Dec. 1323

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ASTRODIENST EPHEMERIS for the year 1324
geocentric

JANUARY 1324 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	7 10 24	18♉ 9'42	7♓42	4♒32	3♉12	17♏42	20♈44	23°R14	21♉31	18♐50	18♓19	0°R40	29♏15	27♋39	28♉14	S 1
M 2	7 14 21	19°10'49	22° 3	6° 2	4°28	18°20	20°49	23♉12	21°35	18°52	18°19	0♐35	29°11	27°46	28°19	M 2
T 3	7 18 18	20°11'54	5♈56	7°30	5°43	18°58	20°54	23°10	21°38	18°54	18°20	0°32	29° 8	27°52	28°24	T 3
W 4	7 22 14	21°12'59	19°21	8°54	6°58	19°36	21° 0	23° 9	21°42	18°56	18°21	0°D31	29° 5	27°59	28°29	W 4
T 5	7 26 11	22°14'03	2♉21	10°15	8°13	20°14	21° 5	23° 8	21°45	18°58	18°22	0°31	29° 2	28° 6	28°34	T 5
F 6	7 30 7	23°15'05	15° 0	11°31	9°29	20°52	21°11	23° 6	21°49	19° 0	18°23	0°32	28°59	28°12	28°38	F 6
S 7	7 34 4	24°16'07	27°21	12°42	10°44	21°30	21°17	23° 5	21°52	19° 2	18°24	0°R33	28°55	28°19	28°43	S 7
S 8	7 38 0	25°17'07	9♊30	13°48	11°59	22° 8	21°23	23° 4	21°56	19° 4	18°25	0°33	28°52	28°26	28°48	S 8
M 9	7 41 57	26°18'07	21°30	14°46	13°14	22°46	21°29	23° 3	21°59	19° 6	18°26	0°30	28°49	28°33	28°53	M 9
T 10	7 45 53	27°19'05	3♋25	15°38	14°29	23°24	21°35	23° 2	22° 3	19° 8	18°27	0°25	28°46	28°39	28°58	T 10
W11	7 49 50	28°20'02	15°17	16°21	15°45	24° 2	21°42	23° 2	22° 6	19°10	18°28	0°17	28°43	28°46	29° 3	W11
T 12	7 53 47	29°20'59	27° 8	16°54	17° 0	24°40	21°48	23° 1	22°10	19°12	18°29	0° 7	28°40	28°53	29° 8	T 12
F 13	7 57 43	0♒21'54	9♌ 0	17°18	18°15	25°18	21°55	23° 1	22°13	19°14	18°30	29♏56	28°36	28°59	29°13	F 13
S 14	8 1 40	1°22'48	20°54	17°32	19°30	25°56	22° 2	23° 0	22°17	19°15	18°31	29°43	28°33	29° 6	29°18	S 14
S 15	8 5 36	2°23'41	2♍52	17°R34	20°45	26°34	22°10	23° 0	22°20	19°17	18°32	29°31	28°30	29°13	29°23	S 15
M16	8 9 33	3°24'33	14°55	17°26	22° 1	27°12	22°17	23° 0	22°24	19°19	18°34	29°20	28°27	29°19	29°28	M16
T 17	8 13 29	4°25'24	27° 5	17° 6	23°16	27°50	22°24	23°D 0	22°27	19°21	18°35	29°12	28°24	29°26	29°32	T 17
W18	8 17 26	5°26'14	9♎26	16°36	24°31	28°28	22°32	23° 0	22°31	19°22	18°36	29° 6	28°21	29°33	29°37	W18
T 19	8 21 22	6°27'03	22° 1	15°55	25°46	29° 6	22°40	23° 0	22°34	19°24	18°37	29° 3	28°17	29°40	29°42	T 19
F 20	8 25 19	7°27'51	4♏53	15° 5	27° 1	29°44	22°48	23° 1	22°38	19°26	18°38	29°D 1	28°14	29°46	29°47	F 20
S 21	8 29 16	8°28'39	18° 6	14° 7	28°17	0♐21	22°56	23° 1	22°41	19°27	18°39	29° 2	28°11	29°53	29°52	S 21
S 22	8 33 12	9°29'25	1♐45	13° 4	29°32	0°59	23° 4	23° 2	22°45	19°29	18°41	29°R 2	28° 8	29°59	29°57	S 22
M23	8 37 9	10°30'10	15°50	11°56	0♒47	1°37	23°12	23° 2	22°48	19°31	18°42	29° 1	28° 5	0♌ 6	0♒ 2	M23
T 24	8 41 5	11°30'55	0♑22	10°45	2° 2	2°15	23°21	23° 3	22°51	19°32	18°43	28°58	28° 1	0°13	0° 6	T 24
W25	8 45 2	12°31'38	15°18	9°34	3°17	2°53	23°30	23° 4	22°55	19°34	18°44	28°51	27°58	0°20	0°11	W25
T 26	8 48 58	13°32'20	0♒30	8°25	4°32	3°30	23°38	23° 5	22°58	19°35	18°46	28°43	27°55	0°27	0°16	T 26
F 27	8 52 55	14°33'00	15°49	7°19	5°47	4° 8	23°47	23° 6	23° 2	19°37	18°47	28°32	27°52	0°33	0°21	F 27
S 28	8 56 52	15°33'39	1♓ 4	6°17	7° 2	4°46	23°56	23° 7	23° 5	19°38	18°48	28°21	27°49	0°40	0°26	S 28
S 29	9 0 48	16°34'16	16° 2	5°21	8°18	5°23	24° 6	23° 9	23° 8	19°40	18°50	28°10	27°46	0°47	0°30	S 29
M30	9 4 45	17°34'51	0♈36	4°32	9°33	6° 1	24°15	23°10	23°12	19°41	18°51	28° 1	27°42	0°53	0°35	M30
T 31	9 8 41	18♒35'25	14♈41	3♒50	10♒48	6♐39	24♈24	23♉12	23♉15	19♐43	18♓52	27♏55	27♏39	1♌ 0	0♒40	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22s17	3s59	5n 6	20s34	1s25	23s33	0s 3	16s25	0n47	7n 0	1s13	16n40	2s 2	22s16	0s29	21s46	1n17	19s10	15s51	20s22	20s 4	16n24	14s29	6n14
M 2	22 9	1n14	4 47	20 4	1 16	23 33	0 6	16 36	0 46	7 2	1 12	16 40	2 2	22 16	0 29	21 46	1 17	19 9	15 51	20 21	20 3	16 23	14 28	6 14
T 3	22 0	6 13	4 12	19 33	1 7	23 32	0 8	16 47	0 46	7 4	1 12	16 40	2 2	22 15	0 29	21 46	1 17	19 8	15 50	20 20	20 2	16 21	14 27	6 14
W 4	21 51	10 44	3 23	19 1	0 57	23 31	0 11	16 58	0 45	7 7	1 12	16 40	2 2	22 15	0 29	21 47	1 18	19 8	15 50	20 20	20 2	16 19	14 26	6 14
T 5	21 41	14 37	2 26	18 29	0 46	23 29	0 13	17 9	0 45	7 9	1 12	16 40	2 1	22 14	0 29	21 47	1 18	19 7	15 50	20 20	20 1	16 17	14 25	6 14
F 6	21 31	17 43	1 23	17 56	0 34	23 27	0 16	17 20	0 44	7 11	1 11	16 40	2 1	22 14	0 29	21 47	1 18	19 7	15 50	20 20	20 0	16 16	14 24	6 14
S 7	21 20	19 55	0 17	17 24	0 22	23 23	0 18	17 30	0 44	7 14	1 11	16 40	2 1	22 13	0 29	21 47	1 18	19 6	15 49	20 20	19 59	16 14	14 23	6 14
S 8	21 9	21 10	0s48	16 52	0 8	23 19	0 21	17 40	0 43	7 16	1 11	16 40	2 1	22 13	0 29	21 47	1 18	19 5	15 49	20 20	19 59	16 12	14 22	6 14
M 9	20 58	21 25	1 50	16 21	0n 7	23 15	0 23	17 51	0 43	7 19	1 10	16 40	2 0	22 12	0 29	21 47	1 18	19 5	15 49	20 20	19 58	16 10	14 21	6 14
T 10	20 46	20 42	2 47	15 51	0 22	23 9	0 25	18 1	0 42	7 22	1 10	16 40	2 0	22 11	0 29	21 47	1 18	19 4	15 48	20 19	19 57	16 8	14 20	6 14
W11	20 34	19 5	3 36	15 23	0 38	23 3	0 28	18 11	0 42	7 24	1 10	16 40	2 0	22 11	0 29	21 48	1 18	19 3	15 48	20 17	19 57	16 7	14 19	6 14
T 12	20 22	16 38	4 15	14 57	0 55	22 56	0 30	18 21	0 41	7 27	1 10	16 40	1 59	22 10	0 29	21 48	1 18	19 3	15 48	20 15	19 56	16 5	14 18	6 14
F 13	20 9	13 31	4 43	14 33	1 12	22 48	0 32	18 30	0 40	7 30	1 9	16 40	1 59	22 10	0 29	21 48	1 18	19 2	15 48	20 12	19 55	16 3	14 17	6 14
S 14	19 55	9 51	4 59	14 12	1 30	22 40	0 34	18 40	0 40	7 33	1 9	16 40	1 59	22 9	0 29	21 48	1 18	19 1	15 47	20 10	19 55	16 1	14 16	6 14
S 15	19 42	5 47	5 2	13 55	1 48	22 31	0 37	18 49	0 39	7 36	1 9	16 41	1 59	22 9	0 29	21 48	1 18	19 1	15 47	20 7	19 54	16 0	14 15	6 14
M16	19 28	1 28	4 52	13 41	2 5	22 21	0 39	18 59	0 38	7 39	1 8	16 41	1 58	22 8	0 29	21 48	1 18	19 0	15 47	20 5	19 53	15 58	14 14	6 14
T 17	19 13	2s56	4 28	13 31	2 22	22 11	0 41	19 8	0 38	7 42	1 8	16 41	1 58	22 7	0 29	21 48	1 18	18 59	15 47	20 3	19 52	15 56	14 13	6 14
W18	18 59	7 18	3 52	13 24	2 38	22 0	0 43	19 17	0 37	7 45	1 8	16 41	1 58	22 7	0 29	21 48	1 18	18 59	15 47	20 2	19 52	15 54	14 12	6 14
T 19	18 44	11 26	3 3	13 22	2 53	21 48	0 45	19 26	0 37	7 48	1 8	16 42	1 57	22 6	0 29	21 48	1 18	18 58	15 46	20 1	19 51	15 53	14 11	6 14
F 20	18 28	15 9	2 5	13 24	3 7	21 36	0 47	19 35	0 36	7 51	1 7	16 42	1 57	22 6	0 29	21 49	1 18	18 57	15 46	20 1	19 50	15 51	14 10	6 14
S 21	18 13	18 13	0 58	13 29	3 18	21 23	0 49	19 43	0 35	7 54	1 7	16 43	1 57	22 5	0 29	21 49	1 18	18 57	15 46	20 1	19 50	15 49	14 9	6 14
S 22	17 56	20 21	0n14	13 38	3 28	21 9	0 51	19 52	0 35	7 58	1 7	16 43	1 57	22 5	0 29	21 49	1 18	18 56	15 46	20 1	19 49	15 47	14 8	6 14
M23	17 40	21 19	1 28	13 49	3 35	20 55	0 53	20 0	0 34	8 1	1 7	16 43	1 56	22 4	0 29	21 49	1 18	18 55	15 45	20 1	19 48	15 45	14 7	6 14
T 24	17 23	20 53	2 38	14 4	3 41	20 40	0 55	20 9	0 33	8 4	1 6	16 44	1 56	22 4	0 29	21 49	1 18	18 55	15 45	20 0	19 47	15 44	14 6	6 14
W25	17 6	19 1	3 39	14 20	3 43	20 25	0 57	20 17	0 32	8 8	1 6	16 44	1 56	22 3	0 29	21 49	1 18	18 54	15 45	19 59	19 47	15 42	14 5	6 14
T 26	16 49	15 47	4 26	14 37	3 44	20 8	0 58	20 25	0 32	8 11	1 6	16 45	1 55	22 2	0 29	21 49	1 18	18 53	15 45	19 57	19 46	15 40	14 4	6 14
F 27	16 32	11 28	4 54	14 56	3 42	19 52	1 0	20 32	0 31	8 15	1 6	16 45	1 55	22 2	0 29	21 49	1 18	18 53	15 45	19 54	19 45	15 38	14 3	6 14
S 28	16 14	6 27	5 1	15 15	3 38	19 34	1 2	20 40	0 30	8 18	1 5	16 46	1 55	22 1	0 29	21 49	1 18	18 52	15 44	19 52	19 45	15 36	14 2	6 15
S 29	15 56	1 7	4 47	15 34	3 32	19 17	1 3	20 48	0 30	8 22	1 5	16 47	1 55	22 1	0 29	21 49	1 18	18 51	15 44	19 49	19 44	15 35	14 1	6 15
M30	15 37	4n 8	4 14	15 53	3 24	18 58	1 5	20 55	0 29	8 26	1 5	16 47	1 54	22 0	0 29	21 50	1 18	18 51	15 44	19 47	19 43	15 33	14 0	6 15
T 31	15s19	8n59	3n27	16s12	3n15	18s39	1s 7	21s 2	0n28	8n29	1s 5	16n48	1s54	22s 0	0s29	21s50	1n18	18s50	15s44	19s46	19s42	15n31	13s59	6n15

Julian Day Number = 2204648.5, Delta T = 09m48s
Ecliptic obliquity = 23°31'32, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°18'43, Lahiri = 14°25'43 Julian Calendar 1 Jan. 1324 == Greg. Calendar 9 Jan. 1324

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ASTRODIENST EPHEMERIS for the year 1324
geocentric

FEBRUARY 1324 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	9 12 38	19♒35'57	28♈15	3°R15	12♒ 3	7♐16	24♈34	23♉14	23♋18	19♐44	18♓54	27°R51	27♏36	1♌ 7	0♒45	W 1
T 2	9 16 34	20°36'27	11♉21	2♒48	13°18	7°54	24°44	23°15	23°21	19°45	18°55	27♏50	27°33	1°13	0°49	T 2
F 3	9 20 31	21°36'55	24° 1	2°28	14°33	8°31	24°53	23°17	23°25	19°47	18°56	27°49	27°30	1°20	0°54	F 3
S 4	9 24 27	22°37'22	6♊22	2°16	15°48	9° 9	25° 3	23°19	23°28	19°48	18°58	27°49	27°27	1°27	0°59	S 4
S 5	9 28 24	23°37'46	18°28	2°D12	17° 3	9°46	25°13	23°21	23°31	19°49	18°59	27°48	27°23	1°34	1° 3	S 5
M 6	9 32 20	24°38'08	0♋24	2°14	18°18	10°24	25°24	23°24	23°34	19°50	19° 0	27°45	27°20	1°40	1° 8	M 6
T 7	9 36 17	25°38'29	12°15	2°22	19°33	11° 1	25°34	23°26	23°37	19°51	19° 2	27°38	27°17	1°47	1°12	T 7
W 8	9 40 14	26°38'47	24° 5	2°37	20°48	11°38	25°44	23°29	23°40	19°53	19° 3	27°29	27°14	1°54	1°17	W 8
T 9	9 44 10	27°39'04	5♌56	2°57	22° 3	12°16	25°55	23°31	23°43	19°54	19° 5	27°17	27°11	2° 0	1°22	T 9
F 10	9 48 7	28°39'19	17°50	3°23	23°18	12°53	26° 5	23°34	23°47	19°55	19° 6	27° 3	27° 7	2° 7	1°26	F 10
S 11	9 52 3	29°39'31	29°50	3°53	24°33	13°30	26°16	23°36	23°50	19°56	19° 8	26°49	27° 4	2°14	1°30	S 11
S 12	9 56 0	0♓39'42	11♍56	4°29	25°48	14° 8	26°27	23°39	23°53	19°57	19° 9	26°34	27° 1	2°21	1°35	S 12
M13	9 59 56	1°39'52	24°10	5° 8	27° 3	14°45	26°38	23°42	23°56	19°58	19°11	26°21	26°58	2°27	1°39	M13
T 14	10 3 53	2°39'59	6♎31	5°52	28°18	15°22	26°49	23°45	23°58	19°59	19°12	26°11	26°55	2°34	1°44	T 14
W15	10 7 49	3°40'05	19° 2	6°39	29°32	15°59	27° 0	23°49	24° 1	20° 0	19°13	26° 3	26°52	2°41	1°48	W15
T 16	10 11 46	4°40'09	1♏44	7°30	0♓47	16°36	27°11	23°52	24° 4	20° 1	19°15	25°59	26°48	2°47	1°52	T 16
F 17	10 15 43	5°40'11	14°40	8°23	2° 2	17°14	27°22	23°55	24° 7	20° 2	19°16	25°57	26°45	2°54	1°57	F 17
S 18	10 19 39	6°40'12	27°53	9°20	3°17	17°51	27°34	23°59	24°10	20° 3	19°18	25°D56	26°42	3° 1	2° 1	S 18
S 19	10 23 36	7°40'12	11♐25	10°20	4°32	18°28	27°45	24° 2	24°13	20° 3	19°19	25°R57	26°39	3° 8	2° 5	S 19
M20	10 27 32	8°40'09	25°19	11°22	5°47	19° 5	27°57	24° 6	24°16	20° 4	19°21	25°56	26°36	3°14	2° 9	M20
T 21	10 31 29	9°40'05	9♑35	12°27	7° 2	19°42	28° 8	24°10	24°18	20° 5	19°22	25°53	26°32	3°21	2°13	T 21
W22	10 35 25	10°40'00	24°12	13°34	8°16	20°18	28°20	24°14	24°21	20° 6	19°24	25°47	26°29	3°28	2°18	W22
T 23	10 39 22	11°39'52	9♒ 5	14°43	9°31	20°55	28°32	24°17	24°24	20° 6	19°25	25°39	26°26	3°34	2°22	T 23
F 24	10 43 18	12°39'43	24° 8	15°54	10°46	21°32	28°44	24°21	24°26	20° 7	19°27	25°29	26°23	3°41	2°26	F 24
S 25	10 47 15	13°39'32	9♓10	17° 7	12° 1	22° 9	28°56	24°26	24°29	20° 8	19°28	25°18	26°20	3°48	2°30	S 25
S 26	10 51 12	14°39'19	24° 2	18°23	13°15	22°46	29° 8	24°30	24°32	20° 8	19°30	25° 8	26°17	3°55	2°34	S 26
M27	10 55 8	15°39'04	8♈35	19°40	14°30	23°22	29°20	24°34	24°34	20° 9	19°31	24°59	26°13	4° 1	2°37	M27
T 28	10 59 5	16°38'46	22°43	20°58	15°45	23°59	29°32	24°39	24°37	20° 9	19°33	24°52	26°10	4° 8	2°41	T 28
W29	11 3 1	17♓38'27	6♉23	22♒19	17♓ 0	24♐35	29♈45	24♉43	24♋39	20♐10	19♓34	24♏49	26♏ 7	4♌15	2♒45	W29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	15s 0	13n13	2n30	16s30	3n 5	18s20	1s 8	21s 9	0n27	8n33	1s 4	16n49	1s54	21s59	0s29	21s50	1n18	18s49	15s44	19s45	19s42	15n29	13s57	6n15
T 2	14 40	16 39	1 26	16 47	2 54	18 0	1 9	21 16	0 26	8 37	1 4	16 49	1 54	21 59	0 29	21 50	1 18	18 48	15 44	19 45	19 41	15 27	13 56	6 15
F 3	14 21	19 10	0 20	17 2	2 43	17 39	1 11	21 23	0 26	8 41	1 4	16 50	1 53	21 58	0 29	21 50	1 18	18 48	15 43	19 45	19 40	15 25	13 55	6 15
S 4	14 1	20 43	0s45	17 17	2 30	17 18	1 12	21 30	0 25	8 45	1 4	16 51	1 53	21 58	0 29	21 50	1 18	18 47	15 43	19 45	19 40	15 24	13 54	6 15
S 5	13 42	21 15	1 47	17 30	2 18	16 57	1 13	21 36	0 24	8 49	1 3	16 52	1 53	21 57	0 29	21 50	1 18	18 46	15 43	19 44	19 39	15 22	13 53	6 16
M 6	13 21	20 48	2 43	17 42	2 5	16 35	1 15	21 42	0 23	8 52	1 3	16 53	1 52	21 57	0 29	21 50	1 18	18 46	15 43	19 44	19 38	15 20	13 52	6 16
T 7	13 1	19 27	3 32	17 53	1 52	16 12	1 16	21 49	0 22	8 56	1 3	16 53	1 52	21 56	0 29	21 50	1 18	18 45	15 43	19 42	19 37	15 18	13 51	6 16
W 8	12 41	17 15	4 11	18 2	1 39	15 50	1 17	21 55	0 21	9 0	1 3	16 54	1 52	21 56	0 29	21 50	1 18	18 44	15 43	19 40	19 37	15 16	13 50	6 16
T 9	12 20	14 21	4 39	18 10	1 26	15 26	1 18	22 0	0 20	9 4	1 3	16 55	1 52	21 55	0 29	21 50	1 18	18 44	15 43	19 37	19 36	15 14	13 48	6 16
F 10	11 59	10 51	4 56	18 17	1 14	15 2	1 19	22 6	0 20	9 8	1 2	16 56	1 51	21 55	0 29	21 50	1 18	18 43	15 43	19 34	19 35	15 13	13 47	6 16
S 11	11 38	6 54	4 59	18 22	1 1	14 38	1 20	22 12	0 19	9 13	1 2	16 57	1 51	21 54	0 29	21 50	1 18	18 42	15 42	19 31	19 34	15 11	13 46	6 17
S 12	11 17	2 39	4 49	18 25	0 49	14 14	1 21	22 17	0 18	9 17	1 2	16 58	1 51	21 53	0 29	21 50	1 19	18 42	15 42	19 27	19 34	15 9	13 45	6 17
M13	10 55	1s44	4 25	18 27	0 37	13 49	1 21	22 22	0 17	9 21	1 2	16 59	1 51	21 53	0 30	21 50	1 19	18 41	15 42	19 24	19 33	15 7	13 44	6 17
T 14	10 34	6 6	3 49	18 28	0 25	13 24	1 22	22 27	0 16	9 25	1 2	17 0	1 50	21 53	0 30	21 50	1 19	18 40	15 42	19 22	19 32	15 5	13 43	6 17
W15	10 12	10 17	3 2	18 27	0 14	12 58	1 23	22 32	0 15	9 29	1 1	17 1	1 50	21 52	0 30	21 50	1 19	18 40	15 42	19 20	19 32	15 3	13 42	6 17
T 16	9 50	14 4	2 4	18 25	0 3	12 32	1 23	22 37	0 14	9 33	1 1	17 2	1 50	21 52	0 30	21 50	1 19	18 39	15 42	19 19	19 31	15 2	13 40	6 18
F 17	9 28	17 14	0 59	18 21	0s 8	12 6	1 24	22 42	0 13	9 38	1 1	17 3	1 49	21 51	0 30	21 51	1 19	18 38	15 42	19 19	19 30	15 0	13 39	6 18
S 18	9 6	19 36	0n10	18 16	0 18	11 39	1 24	22 46	0 12	9 42	1 1	17 4	1 49	21 51	0 30	21 51	1 19	18 38	15 42	19 19	19 29	14 58	13 38	6 18
S 19	8 43	20 54	1 21	18 10	0 28	11 12	1 25	22 51	0 11	9 46	1 1	17 5	1 49	21 50	0 30	21 51	1 19	18 37	15 42	19 19	19 29	14 56	13 37	6 18
M20	8 21	20 58	2 29	18 2	0 37	10 45	1 25	22 55	0 10	9 51	1 0	17 7	1 49	21 50	0 30	21 51	1 19	18 36	15 42	19 18	19 28	14 54	13 36	6 19
T 21	7 58	19 42	3 29	17 52	0 46	10 17	1 25	22 59	0 9	9 55	1 0	17 8	1 48	21 49	0 30	21 51	1 19	18 36	15 42	19 18	19 27	14 52	13 35	6 19
W22	7 36	17 8	4 17	17 41	0 55	9 49	1 26	23 3	0 8	9 59	1 0	17 9	1 48	21 49	0 30	21 51	1 19	18 35	15 42	19 16	19 26	14 50	13 34	6 19
T 23	7 13	13 24	4 49	17 29	1 3	9 21	1 26	23 6	0 7	10 4	1 0	17 10	1 48	21 48	0 30	21 51	1 19	18 35	15 42	19 15	19 26	14 49	13 32	6 19
F 24	6 50	8 47	5 1	17 15	1 11	8 53	1 26	23 10	0 6	10 8	1 0	17 11	1 48	21 48	0 30	21 51	1 19	18 34	15 42	19 12	19 25	14 47	13 31	6 20
S 25	6 27	3 38	4 53	17 0	1 19	8 24	1 26	23 13	0 4	10 13	0 59	17 13	1 47	21 47	0 30	21 51	1 19	18 33	15 42	19 9	19 24	14 45	13 30	6 20
S 26	6 4	1n40	4 24	16 44	1 26	7 55	1 26	23 16	0 3	10 17	0 59	17 14	1 47	21 47	0 30	21 51	1 19	18 33	15 42	19 7	19 23	14 43	13 29	6 20
M27	5 41	6 46	3 39	16 26	1 32	7 26	1 26	23 19	0 2	10 21	0 59	17 15	1 47	21 47	0 30	21 51	1 19	18 32	15 42	19 5	19 23	14 41	13 28	6 20
T 28	5 17	11 22	2 42	16 7	1 39	6 57	1 26	23 22	0 1	10 26	0 59	17 16	1 47	21 46	0 30	21 51	1 19	18 31	15 42	19 3	19 22	14 39	13 27	6 21
W29	4s54	15n13	1n36	15s46	1s44	6s28	1s25	23s25	0s 0	10n30	0s59	17n18	1s46	21s46	0s30	21s51	1n19	18s31	15s42	19s 2	19s21	14n37	13s26	6n21

Julian Day Number = 2204679.5, Delta T = 09m47s
Ecliptic obliquity = 23°31'33, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°18'47, Lahiri = 14°25'47 Julian Calendar 1 Feb. 1324 == Greg. Calendar 9 Feb. 1324

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ASTRODIENST EPHEMERIS for the year 1324
geocentric

MARCH 1324 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	11 6 58	18♓38'05	19♉34	23♒40	18♓14	25♐12	29♈57	24♉48	24♋41	20♐10	19♓36	24°D47	26♏ 4	4♌21	2♒49	T 1
F 2	11 10 54	19°37'41	2♊20	25° 4	19°29	25°48	0♉10	24°52	24°44	20°11	19°38	24♏47	26° 1	4°28	2°53	F 2
S 3	11 14 51	20°37'14	14°45	26°29	20°44	26°25	0°22	24°57	24°46	20°11	19°39	24°R48	25°58	4°35	2°56	S 3
S 4	11 18 47	21°36'46	26°54	27°56	21°58	27° 1	0°35	25° 2	24°49	20°12	19°41	24°48	25°54	4°42	3° 0	S 4
M 5	11 22 44	22°36'14	8♋52	29°24	23°13	27°37	0°47	25° 7	24°51	20°12	19°42	24°46	25°51	4°48	3° 4	M 5
T 6	11 26 41	23°35'41	20°43	0♓53	24°27	28°14	1° 0	25°12	24°53	20°12	19°44	24°42	25°48	4°55	3° 7	T 6
W 7	11 30 37	24°35'05	2♌33	2°24	25°42	28°50	1°13	25°17	24°55	20°12	19°45	24°36	25°45	5° 2	3°11	W 7
T 8	11 34 34	25°34'27	14°26	3°56	26°57	29°26	1°26	25°22	24°57	20°13	19°47	24°28	25°42	5° 8	3°14	T 8
F 9	11 38 30	26°33'47	26°25	5°30	28°11	0♑ 2	1°39	25°27	24°59	20°13	19°48	24°18	25°38	5°15	3°18	F 9
S 10	11 42 27	27°33'05	8♍32	7° 5	29°26	0°38	1°51	25°32	25° 2	20°13	19°50	24° 7	25°35	5°22	3°21	S 10
S 11	11 46 23	28°32'20	20°48	8°41	0♈40	1°14	2° 5	25°38	25° 4	20°13	19°51	23°56	25°32	5°29	3°24	S 11
M12	11 50 20	29°31'33	3♎15	10°19	1°55	1°50	2°18	25°43	25° 6	20°13	19°53	23°47	25°29	5°35	3°27	M12
T 13	11 54 16	0♈30'44	15°52	11°58	3° 9	2°25	2°31	25°49	25° 8	20°13	19°54	23°39	25°26	5°42	3°31	T 13
W14	11 58 13	1°29'53	28°41	13°39	4°24	3° 1	2°44	25°54	25° 9	20°R13	19°56	23°34	25°23	5°49	3°34	W14
T 15	12 2 9	2°29'01	11♏41	15°21	5°38	3°37	2°57	26° 0	25°11	20°13	19°57	23°31	25°19	5°55	3°37	T 15
F 16	12 6 6	3°28'06	24°52	17° 5	6°52	4°12	3°10	26° 6	25°13	20°13	19°59	23°D30	25°16	6° 2	3°40	F 16
S 17	12 10 3	4°27'10	8♐17	18°50	8° 7	4°48	3°24	26°12	25°15	20°13	20° 0	23°31	25°13	6° 9	3°43	S 17
S 18	12 13 59	5°26'12	21°55	20°36	9°21	5°23	3°37	26°17	25°17	20°13	20° 2	23°32	25°10	6°16	3°46	S 18
M19	12 17 56	6°25'12	5♑47	22°24	10°36	5°59	3°50	26°23	25°18	20°13	20° 3	23°R33	25° 7	6°22	3°49	M19
T 20	12 21 52	7°24'10	19°54	24°13	11°50	6°34	4° 4	26°29	25°20	20°13	20° 5	23°32	25° 3	6°29	3°52	T 20
W21	12 25 49	8°23'07	4♒15	26° 4	13° 4	7° 9	4°17	26°35	25°21	20°13	20° 6	23°30	25° 0	6°36	3°54	W21
T 22	12 29 45	9°22'01	18°46	27°56	14°19	7°44	4°31	26°42	25°23	20°12	20° 7	23°25	24°57	6°42	3°57	T 22
F 23	12 33 42	10°20'54	3♓23	29°50	15°33	8°19	4°45	26°48	25°25	20°12	20° 9	23°19	24°54	6°49	4° 0	F 23
S 24	12 37 38	11°19'45	18° 0	1♈45	16°47	8°54	4°58	26°54	25°26	20°12	20°10	23°13	24°51	6°56	4° 2	S 24
S 25	12 41 35	12°18'35	2♈29	3°41	18° 1	9°29	5°12	27° 0	25°27	20°11	20°12	23° 6	24°48	7° 3	4° 5	S 25
M26	12 45 32	13°17'22	16°45	5°39	19°16	10° 3	5°26	27° 7	25°29	20°11	20°13	23° 1	24°44	7° 9	4° 7	M26
T 27	12 49 28	14°16'07	0♉41	7°39	20°30	10°38	5°39	27°13	25°30	20°11	20°15	22°57	24°41	7°16	4°10	T 27
W28	12 53 25	15°14'50	14°15	9°40	21°44	11°12	5°53	27°20	25°31	20°10	20°16	22°55	24°38	7°23	4°12	W28
T 29	12 57 21	16°13'31	27°25	11°42	22°58	11°47	6° 7	27°26	25°33	20°10	20°17	22°D55	24°35	7°29	4°14	T 29
F 30	13 1 18	17°12'10	10♊13	13°45	24°12	12°21	6°21	27°33	25°34	20° 9	20°19	22°56	24°32	7°36	4°17	F 30
S 31	13 5 14	18♈10'47	22♊41	15♈50	25♈27	12♑55	6♉35	27♉39	25♑35	20♐ 9	20♓20	22♏58	24♏29	7♌43	4♒19	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	4s31	18n 8	0n28	15s24	1s50	5s58	1s25	23s28	0s 1	10n35	0s59	17n19	1s46	21s45	0s30	21s51	1n19	18s30	15s42	19s 2	19s20	14n36	13s25	6n21
F 2	4 7	20 3	0s40	15 1	1 55	5 29	1 25	23 30	0 3	10 39	0 58	17 20	1 46	21 45	0 30	21 51	1 19	18 30	15 42	19 2	19 20	14 34	13 23	6 22
S 3	3 44	20 55	1 44	14 36	1 59	4 59	1 24	23 32	0 4	10 44	0 58	17 22	1 46	21 44	0 30	21 51	1 19	18 29	15 42	19 2	19 19	14 32	13 22	6 22
S 4	3 20	20 47	2 42	14 10	2 3	4 29	1 24	23 35	0 5	10 49	0 58	17 23	1 45	21 44	0 30	21 51	1 19	18 28	15 42	19 2	19 18	14 30	13 21	6 22
M 5	2 57	19 42	3 32	13 43	2 7	3 59	1 23	23 37	0 6	10 53	0 58	17 25	1 45	21 44	0 30	21 51	1 19	18 28	15 42	19 2	19 17	14 28	13 20	6 23
T 6	2 33	17 45	4 13	13 14	2 10	3 28	1 23	23 38	0 8	10 58	0 58	17 26	1 45	21 43	0 30	21 51	1 19	18 27	15 42	19 1	19 17	14 26	13 19	6 23
W 7	2 10	15 5	4 42	12 44	2 13	2 58	1 22	23 40	0 9	11 2	0 58	17 27	1 45	21 43	0 30	21 51	1 19	18 27	15 42	18 59	19 16	14 24	13 18	6 23
T 8	1 46	11 47	5 0	12 12	2 15	2 28	1 21	23 42	0 10	11 7	0 57	17 29	1 45	21 43	0 30	21 51	1 19	18 26	15 42	18 57	19 15	14 22	13 17	6 24
F 9	1 22	7 59	5 4	11 39	2 17	1 57	1 21	23 43	0 12	11 12	0 57	17 30	1 44	21 42	0 30	21 51	1 19	18 26	15 42	18 55	19 14	14 20	13 16	6 24
S 10	0 59	3 51	4 55	11 5	2 19	1 27	1 20	23 44	0 13	11 16	0 57	17 32	1 44	21 42	0 30	21 51	1 19	18 25	15 42	18 52	19 14	14 19	13 15	6 24
S 11	0 35	0s30	4 32	10 30	2 20	0 56	1 19	23 46	0 14	11 21	0 57	17 33	1 44	21 42	0 30	21 51	1 20	18 24	15 42	18 49	19 13	14 17	13 13	6 25
M12	0 11	4 54	3 56	9 53	2 20	0 26	1 18	23 47	0 16	11 25	0 57	17 35	1 44	21 41	0 30	21 50	1 20	18 24	15 42	18 47	19 12	14 15	13 12	6 25
T 13	0n12	9 9	3 8	9 15	2 20	0n 5	1 17	23 47	0 17	11 30	0 57	17 36	1 43	21 41	0 30	21 50	1 20	18 23	15 42	18 45	19 11	14 13	13 11	6 25
W14	0 36	13 3	2 9	8 36	2 20	0 36	1 16	23 48	0 19	11 35	0 57	17 38	1 43	21 41	0 30	21 50	1 20	18 23	15 42	18 44	19 11	14 11	13 10	6 26
T 15	0 59	16 24	1 3	7 55	2 19	1 6	1 15	23 49	0 20	11 39	0 56	17 39	1 43	21 40	0 30	21 50	1 20	18 22	15 42	18 43	19 10	14 9	13 9	6 26
F 16	1 23	18 56	0n 7	7 14	2 17	1 37	1 13	23 49	0 22	11 44	0 56	17 41	1 43	21 40	0 30	21 50	1 20	18 22	15 42	18 43	19 9	14 7	13 8	6 26
S 17	1 47	20 28	1 19	6 31	2 15	2 7	1 12	23 49	0 23	11 49	0 56	17 42	1 43	21 40	0 30	21 50	1 20	18 21	15 42	18 43	19 8	14 5	13 7	6 27
S 18	2 10	20 50	2 27	5 47	2 13	2 38	1 11	23 49	0 25	11 53	0 56	17 44	1 42	21 39	0 30	21 50	1 20	18 21	15 42	18 43	19 7	14 3	13 6	6 27
M19	2 33	19 56	3 28	5 1	2 10	3 9	1 10	23 50	0 26	11 58	0 56	17 46	1 42	21 39	0 30	21 50	1 20	18 20	15 43	18 44	19 7	14 1	13 5	6 28
T 20	2 57	17 48	4 17	4 14	2 7	3 39	1 8	23 49	0 28	12 3	0 56	17 47	1 42	21 39	0 30	21 50	1 20	18 20	15 43	18 43	19 6	14 0	13 4	6 28
W21	3 20	14 33	4 52	3 27	2 3	4 9	1 7	23 49	0 29	12 7	0 56	17 49	1 42	21 39	0 30	21 50	1 20	18 19	15 43	18 43	19 5	13 58	13 3	6 28
T 22	3 44	10 23	5 8	2 38	1 58	4 40	1 5	23 49	0 31	12 12	0 55	17 50	1 42	21 38	0 31	21 50	1 20	18 19	15 43	18 42	19 4	13 56	13 2	6 29
F 23	4 7	5 35	5 4	1 48	1 53	5 10	1 4	23 48	0 33	12 17	0 55	17 52	1 41	21 38	0 31	21 50	1 20	18 18	15 43	18 40	19 4	13 54	13 1	6 29
S 24	4 30	0 28	4 40	0 57	1 48	5 40	1 2	23 48	0 34	12 22	0 55	17 54	1 41	21 38	0 31	21 50	1 20	18 18	15 43	18 39	19 3	13 52	13 0	6 30
S 25	4 53	4n39	3 59	0 5	1 42	6 10	1 0	23 47	0 36	12 26	0 55	17 55	1 41	21 38	0 31	21 50	1 20	18 18	15 43	18 37	19 2	13 50	12 59	6 30
M26	5 16	9 26	3 4	0n48	1 35	6 40	0 59	23 46	0 38	12 31	0 55	17 57	1 41	21 37	0 31	21 50	1 20	18 17	15 44	18 36	19 1	13 48	12 58	6 30
T 27	5 39	13 35	1 58	1 42	1 28	7 9	0 57	23 45	0 39	12 36	0 55	17 58	1 41	21 37	0 31	21 50	1 20	18 17	15 44	18 35	19 1	13 46	12 57	6 31
W28	6 2	16 55	0 47	2 36	1 21	7 39	0 55	23 44	0 41	12 40	0 55	18 0	1 41	21 37	0 31	21 50	1 20	18 16	15 44	18 34	19 0	13 44	12 56	6 31
T 29	6 24	19 15	0s25	3 32	1 13	8 8	0 53	23 43	0 43	12 45	0 55	18 2	1 40	21 37	0 31	21 50	1 20	18 16	15 44	18 34	18 59	13 42	12 55	6 32
F 30	6 47	20 32	1 33	4 28	1 4	8 37	0 51	23 41	0 45	12 50	0 54	18 3	1 40	21 37	0 31	21 50	1 20	18 15	15 44	18 34	18 58	13 40	12 54	6 32
S 31	7n 9	20n44	2s35	5n24	0s55	9n 6	0s49	23s40	0s46	12n54	0s54	18n 5	1s40	21s36	0s31	21s49	1n20	18s15	15s44	18s35	18s57	13n38	12s53	6n32

Julian Day Number = 2204708.5, Delta T = 09m47s
Ecliptic obliquity = 23°31'33, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°18'51, Lahiri = 14°25'51 Julian Calendar 1 March 1324 == Greg. Calendar 9 March 1324

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ASTRODIENST EPHEMERIS for the year 1324
geocentric

APRIL 1324 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	13 9 11	19♈ 9'22	4♋53	17♈55	26♈41	13♑29	6♉48	27♉46	25♑36	20°R 8	20♓22	22♏59	24♏25	7♌50	4♒21	S 1
M 2	13 13 7	20° 7'54	16°54	20° 2	27°55	14° 3	7° 2	27°53	25°37	20♐ 8	20°23	23°R 0	24°22	7°56	4°23	M 2
T 3	13 17 4	21° 6'24	28°48	22° 9	29° 9	14°37	7°16	27°59	25°38	20° 7	20°24	23° 0	24°19	8° 3	4°25	T 3
W 4	13 21 1	22° 4'52	10♌40	24°17	0♉23	15°11	7°30	28° 6	25°39	20° 6	20°26	22°58	24°16	8°10	4°27	W 4
T 5	13 24 57	23° 3'18	22°35	26°25	1°37	15°44	7°44	28°13	25°40	20° 6	20°27	22°55	24°13	8°16	4°29	T 5
F 6	13 28 54	24° 1'41	4♍37	28°33	2°51	16°18	7°58	28°20	25°41	20° 5	20°28	22°51	24° 9	8°23	4°31	F 6
S 7	13 32 50	25° 0'03	16°49	0♉41	4° 5	16°51	8°12	28°27	25°41	20° 4	20°30	22°47	24° 6	8°30	4°32	S 7
S 8	13 36 47	25°58'22	29°14	2°49	5°19	17°24	8°26	28°34	25°42	20° 4	20°31	22°42	24° 3	8°37	4°34	S 8
M 9	13 40 43	26°56'40	11♎53	4°55	6°33	17°57	8°40	28°41	25°43	20° 3	20°32	22°38	24° 0	8°43	4°35	M 9
T 10	13 44 40	27°54'55	24°48	7° 1	7°47	18°30	8°55	28°48	25°43	20° 2	20°33	22°35	23°57	8°50	4°37	T 10
W11	13 48 36	28°53'09	7♏57	9° 5	9° 1	19° 3	9° 9	28°55	25°44	20° 1	20°35	22°33	23°54	8°57	4°38	W11
T 12	13 52 33	29°51'21	21°20	11° 8	10°14	19°35	9°23	29° 3	25°44	20° 0	20°36	22°D32	23°50	9° 3	4°40	T 12
F 13	13 56 29	0♉49'32	4♐56	13° 9	11°28	20° 8	9°37	29°10	25°45	19°59	20°37	22°33	23°47	9°10	4°41	F 13
S 14	14 0 26	1°47'41	18°42	15° 7	12°42	20°40	9°51	29°17	25°45	19°58	20°38	22°34	23°44	9°17	4°42	S 14
S 15	14 4 23	2°45'48	2♑39	17° 3	13°56	21°12	10° 5	29°24	25°46	19°57	20°39	22°35	23°41	9°24	4°44	S 15
M16	14 8 19	3°43'54	16°43	18°56	15°10	21°44	10°19	29°32	25°46	19°57	20°41	22°36	23°38	9°30	4°45	M16
T 17	14 12 16	4°41'59	0♒53	20°46	16°24	22°16	10°33	29°39	25°46	19°56	20°42	22°R37	23°35	9°37	4°46	T 17
W18	14 16 12	5°40'02	15° 6	22°33	17°37	22°48	10°48	29°46	25°47	19°55	20°43	22°37	23°31	9°44	4°47	W18
T 19	14 20 9	6°38'04	29°22	24°17	18°51	23°19	11° 2	29°54	25°47	19°53	20°44	22°36	23°28	9°50	4°48	T 19
F 20	14 24 5	7°36'04	13♓36	25°58	20° 5	23°50	11°16	0♊ 1	25°47	19°52	20°45	22°34	23°25	9°57	4°49	F 20
S 21	14 28 2	8°34'03	27°45	27°35	21°19	24°21	11°30	0° 9	25°47	19°51	20°46	22°33	23°22	10° 4	4°49	S 21
S 22	14 31 58	9°32'01	11♈45	29° 8	22°32	24°52	11°44	0°16	25°R47	19°50	20°47	22°31	23°19	10°11	4°50	S 22
M23	14 35 55	10°29'57	25°34	0♊38	23°46	25°23	11°59	0°24	25°47	19°49	20°48	22°30	23°15	10°17	4°51	M23
T 24	14 39 52	11°27'52	9♉ 8	2° 4	25° 0	25°53	12°13	0°31	25°47	19°48	20°50	22°29	23°12	10°24	4°51	T 24
W25	14 43 48	12°25'45	22°26	3°26	26°13	26°24	12°27	0°39	25°47	19°47	20°51	22°D28	23° 9	10°31	4°52	W25
T 26	14 47 45	13°23'36	5♊25	4°44	27°27	26°54	12°41	0°46	25°47	19°45	20°52	22°29	23° 6	10°38	4°52	T 26
F 27	14 51 41	14°21'27	18° 7	5°59	28°41	27°23	12°55	0°54	25°46	19°44	20°53	22°29	23° 3	10°44	4°53	F 27
S 28	14 55 38	15°19'15	0♋33	7° 9	29°54	27°53	13°10	1° 2	25°46	19°43	20°54	22°30	23° 0	10°51	4°53	S 28
S 29	14 59 34	16°17'02	12°45	8°16	1♊ 8	28°22	13°24	1° 9	25°46	19°42	20°55	22°31	22°56	10°58	4°53	S 29
M30	15 3 31	17♉14'47	24♋46	9♊18	2♊21	28♑51	13♉38	1♊17	25♑45	19♐40	20♓55	22♏31	22♏53	11♌ 4	4♒53	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	7n32	19n57	3s29	6n21	0s46	9n35	0s47	23s38	0s48	12n59	0s54	18n 7	1s40	21s36	0s31	21s49	1n20	18s15	15s44	18s35	18s57	13n37	12s53	6n33
M 2	7 54	18 16	4 13	7 18	0 36	10 4	0 45	23 37	0 50	13 4	0 54	18 8	1 40	21 36	0 31	21 49	1 20	18 14	15 45	18 35	18 56	13 35	12 52	6 33
T 3	8 16	15 49	4 45	8 15	0 26	10 32	0 43	23 35	0 52	13 8	0 54	18 10	1 39	21 36	0 31	21 49	1 20	18 14	15 45	18 35	18 55	13 33	12 51	6 34
W 4	8 38	12 43	5 5	9 12	0 16	11 0	0 41	23 33	0 54	13 13	0 54	18 12	1 39	21 36	0 31	21 49	1 20	18 14	15 45	18 35	18 54	13 31	12 50	6 34
T 5	9 0	9 7	5 12	10 9	0 5	11 28	0 39	23 31	0 56	13 18	0 54	18 13	1 39	21 36	0 31	21 49	1 20	18 13	15 45	18 34	18 54	13 29	12 49	6 35
F 6	9 21	5 6	5 6	11 5	0n 5	11 55	0 37	23 29	0 58	13 22	0 54	18 15	1 39	21 36	0 31	21 49	1 20	18 13	15 45	18 33	18 53	13 27	12 48	6 35
S 7	9 43	0 50	4 46	12 0	0 16	12 23	0 35	23 27	1 0	13 27	0 54	18 17	1 39	21 35	0 31	21 49	1 20	18 13	15 46	18 32	18 52	13 25	12 47	6 36
S 8	10 4	3s32	4 12	12 55	0 27	12 50	0 33	23 25	1 2	13 31	0 54	18 18	1 39	21 35	0 31	21 49	1 20	18 12	15 46	18 31	18 51	13 23	12 47	6 36
M 9	10 25	7 51	3 25	13 48	0 38	13 16	0 30	23 22	1 4	13 36	0 53	18 20	1 39	21 35	0 31	21 49	1 21	18 12	15 46	18 30	18 50	13 21	12 46	6 36
T 10	10 46	11 54	2 27	14 40	0 48	13 43	0 28	23 20	1 6	13 41	0 53	18 22	1 38	21 35	0 31	21 49	1 21	18 12	15 46	18 29	18 50	13 19	12 45	6 37
W11	11 7	15 28	1 19	15 30	0 59	14 9	0 26	23 18	1 8	13 45	0 53	18 24	1 38	21 35	0 31	21 49	1 21	18 11	15 47	18 28	18 49	13 17	12 44	6 37
T 12	11 28	18 16	0 7	16 19	1 9	14 34	0 24	23 15	1 10	13 50	0 53	18 25	1 38	21 35	0 31	21 48	1 21	18 11	15 47	18 28	18 48	13 15	12 43	6 38
F 13	11 48	20 5	1n 8	17 6	1 19	14 59	0 21	23 12	1 13	13 54	0 53	18 27	1 38	21 35	0 31	21 48	1 21	18 11	15 47	18 28	18 47	13 13	12 43	6 38
S 14	12 8	20 44	2 19	17 50	1 28	15 24	0 19	23 10	1 15	13 59	0 53	18 29	1 38	21 35	0 31	21 48	1 21	18 11	15 47	18 29	18 46	13 11	12 42	6 39
S 15	12 29	20 7	3 23	18 32	1 37	15 49	0 17	23 7	1 17	14 3	0 53	18 30	1 38	21 35	0 31	21 48	1 21	18 10	15 47	18 29	18 46	13 9	12 41	6 39
M16	12 48	18 15	4 16	19 12	1 46	16 13	0 14	23 4	1 19	14 8	0 53	18 32	1 38	21 35	0 31	21 48	1 21	18 10	15 48	18 29	18 45	13 7	12 41	6 40
T 17	13 8	15 16	4 53	19 50	1 53	16 37	0 12	23 1	1 22	14 12	0 53	18 34	1 37	21 35	0 31	21 48	1 21	18 10	15 48	18 30	18 44	13 5	12 40	6 40
W18	13 28	11 22	5 13	20 25	2 1	17 0	0 9	22 58	1 24	14 17	0 53	18 35	1 37	21 35	0 31	21 48	1 21	18 10	15 48	18 29	18 43	13 3	12 39	6 41
T 19	13 47	6 50	5 13	20 58	2 7	17 23	0 7	22 55	1 26	14 21	0 53	18 37	1 37	21 35	0 31	21 48	1 21	18 9	15 49	18 29	18 42	13 2	12 39	6 41
F 20	14 6	1 56	4 55	21 28	2 13	17 45	0 4	22 52	1 29	14 26	0 53	18 39	1 37	21 35	0 31	21 48	1 21	18 9	15 49	18 29	18 42	13 0	12 38	6 41
S 21	14 25	3n 3	4 18	21 55	2 18	18 7	0 2	22 49	1 31	14 30	0 52	18 41	1 37	21 35	0 32	21 48	1 21	18 9	15 49	18 28	18 41	12 58	12 37	6 42
S 22	14 43	7 50	3 27	22 20	2 22	18 29	0n 1	22 46	1 34	14 35	0 52	18 42	1 37	21 35	0 32	21 47	1 21	18 9	15 49	18 28	18 40	12 56	12 37	6 42
M23	15 1	12 9	2 23	22 43	2 25	18 50	0 3	22 43	1 36	14 39	0 52	18 44	1 37	21 35	0 32	21 47	1 21	18 9	15 50	18 28	18 39	12 54	12 36	6 43
T 24	15 20	15 45	1 13	23 3	2 27	19 10	0 5	22 40	1 39	14 44	0 52	18 46	1 37	21 35	0 32	21 47	1 21	18 8	15 50	18 27	18 38	12 52	12 35	6 43
W25	15 37	18 27	0 0	23 21	2 29	19 30	0 8	22 36	1 41	14 48	0 52	18 47	1 36	21 35	0 32	21 47	1 21	18 8	15 50	18 27	18 38	12 50	12 35	6 44
T 26	15 55	20 7	1s11	23 37	2 30	19 50	0 10	22 33	1 44	14 52	0 52	18 49	1 36	21 35	0 32	21 47	1 21	18 8	15 50	18 27	18 37	12 48	12 34	6 44
F 27	16 12	20 43	2 17	23 50	2 29	20 9	0 13	22 30	1 46	14 57	0 52	18 51	1 36	21 35	0 32	21 47	1 21	18 8	15 51	18 28	18 36	12 46	12 34	6 45
S 28	16 29	20 16	3 16	24 1	2 28	20 27	0 15	22 26	1 49	15 1	0 52	18 52	1 36	21 35	0 32	21 47	1 21	18 8	15 51	18 28	18 35	12 44	12 33	6 45
S 29	16 46	18 52	4 4	24 10	2 26	20 45	0 18	22 23	1 52	15 5	0 52	18 54	1 36	21 35	0 32	21 47	1 21	18 8	15 51	18 28	18 34	12 42	12 33	6 46
M30	17n 3	16n39	4s41	24n17	2n23	21n 2	0n20	22s20	1s55	15n10	0s52	18n56	1s36	21s35	0s32	21s47	1n21	18s 8	15s52	18s28	18s34	12n40	12s32	6n46

Julian Day Number = 2204739.5, Delta T = 09m47s
Ecliptic obliquity = 23°31'32, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°18'55, Lahiri = 14°25'56 Julian Calendar 1 Apr. 1324 == Greg. Calendar 9 Apr. 1324

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ASTRODIENST EPHEMERIS for the year 1324
geocentric

MAY 1324 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	15 7 27	18♉12'31	6♌41	10♊16	3♊35	29♉20	13♉52	1♊25	25°R45	19°R39	20♓56	22♏32	22♏50	11♌11	4♒53	T 1
W 2	15 11 24	19°10'13	18°34	11°10	4°48	29°49	14° 6	1°32	25♉45	19♐38	20°57	22°R32	22°47	11°18	4°R53	W 2
T 3	15 15 21	20° 7'53	0♍30	12° 0	6° 2	0♒17	14°20	1°40	25°44	19°36	20°58	22°32	22°44	11°25	4°53	T 3
F 4	15 19 17	21° 5'32	12°33	12°45	7°15	0°45	14°34	1°48	25°43	19°35	20°59	22°32	22°40	11°31	4°53	F 4
S 5	15 23 14	22° 3'09	24°47	13°26	8°29	1°13	14°49	1°56	25°43	19°34	21° 0	22°D31	22°37	11°38	4°53	S 5
S 6	15 27 10	23° 0'45	7♎16	14° 2	9°42	1°40	15° 3	2° 3	25°42	19°32	21° 1	22°31	22°34	11°45	4°53	S 6
M 7	15 31 7	23°58'19	20° 4	14°34	10°55	2° 8	15°17	2°11	25°41	19°31	21° 2	22°32	22°31	11°51	4°53	M 7
T 8	15 35 3	24°55'52	3♏10	15° 1	12° 9	2°35	15°31	2°19	25°41	19°30	21° 2	22°32	22°28	11°58	4°52	T 8
W 9	15 39 0	25°53'23	16°37	15°24	13°22	3° 1	15°45	2°27	25°40	19°28	21° 3	22°R32	22°25	12° 5	4°52	W 9
T 10	15 42 56	26°50'54	0♐23	15°42	14°35	3°28	15°59	2°35	25°39	19°27	21° 4	22°32	22°21	12°12	4°51	T 10
F 11	15 46 53	27°48'23	14°25	15°55	15°49	3°54	16°13	2°42	25°38	19°25	21° 5	22°32	22°18	12°18	4°51	F 11
S 12	15 50 50	28°45'52	28°40	16° 3	17° 2	4°19	16°27	2°50	25°37	19°24	21° 5	22°31	22°15	12°25	4°50	S 12
S 13	15 54 46	29°43'19	13♑ 2	16°R 7	18°15	4°45	16°41	2°58	25°36	19°22	21° 6	22°30	22°12	12°32	4°49	S 13
M14	15 58 43	0♊40'46	27°28	16° 6	19°29	5°10	16°55	3° 6	25°35	19°21	21° 7	22°29	22° 9	12°39	4°49	M14
T 15	16 2 39	1°38'12	11♒52	16° 1	20°42	5°34	17° 9	3°14	25°34	19°19	21° 7	22°29	22° 6	12°45	4°48	T 15
W16	16 6 36	2°35'37	26°10	15°52	21°55	5°59	17°23	3°22	25°33	19°18	21° 8	22°D28	22° 2	12°52	4°47	W16
T 17	16 10 32	3°33'01	10♓21	15°38	23° 8	6°23	17°37	3°30	25°32	19°16	21° 9	22°28	21°59	12°59	4°46	T 17
F 18	16 14 29	4°30'25	24°20	15°20	24°21	6°46	17°51	3°37	25°31	19°15	21° 9	22°29	21°56	13° 5	4°45	F 18
S 19	16 18 25	5°27'48	8♈ 8	14°59	25°35	7° 9	18° 4	3°45	25°30	19°13	21°10	22°30	21°53	13°12	4°44	S 19
S 20	16 22 22	6°25'11	21°44	14°35	26°48	7°32	18°18	3°53	25°28	19°11	21°10	22°31	21°50	13°19	4°43	S 20
M21	16 26 19	7°22'33	5♉ 6	14° 8	28° 1	7°54	18°32	4° 1	25°27	19°10	21°11	22°32	21°46	13°26	4°41	M21
T 22	16 30 15	8°19'55	18°15	13°38	29°14	8°16	18°46	4° 9	25°26	19° 8	21°11	22°R32	21°43	13°32	4°40	T 22
W23	16 34 12	9°17'15	1♊11	13° 7	0♋27	8°38	18°59	4°17	25°24	19° 7	21°12	22°32	21°40	13°39	4°39	W23
T 24	16 38 8	10°14'35	13°54	12°34	1°40	8°59	19°13	4°24	25°23	19° 5	21°12	22°31	21°37	13°46	4°37	T 24
F 25	16 42 5	11°11'55	26°24	12° 1	2°53	9°19	19°27	4°32	25°21	19° 4	21°13	22°29	21°34	13°52	4°36	F 25
S 26	16 46 1	12° 9'13	8♋42	11°27	4° 6	9°39	19°40	4°40	25°20	19° 2	21°13	22°27	21°31	13°59	4°34	S 26
S 27	16 49 58	13° 6'31	20°49	10°54	5°19	9°59	19°54	4°48	25°18	19° 0	21°14	22°23	21°27	14° 6	4°33	S 27
M28	16 53 54	14° 3'48	2♌49	10°21	6°32	10°18	20° 7	4°56	25°17	18°59	21°14	22°20	21°24	14°13	4°31	M28
T 29	16 57 51	15° 1'05	14°43	9°50	7°45	10°37	20°21	5° 3	25°15	18°57	21°14	22°17	21°21	14°19	4°29	T 29
W30	17 1 48	15°58'20	26°35	9°21	8°58	10°55	20°34	5°11	25°13	18°55	21°15	22°15	21°18	14°26	4°27	W30
T 31	17 5 44	16♊55'35	8♍30	8♊55	10♋11	11♒12	20♉48	5♊19	25♉12	18♐54	21♓15	22♏13	21♏15	14♌33	4♒26	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17n19	13n45	5s 5	24n22	2n19	21n19	0n23	22s17	1s57	15n14	0s52	18n57	1s36	21s36	0s32	21s46	1n21	18s 8	15s52	18s28	18s33	12n38	12s32	6n47
W 2	17 35	10 18	5 16	24 25	2 14	21 35	0 25	22 13	2 0	15 18	0 52	18 59	1 36	21 36	0 32	21 46	1 21	18 8	15 52	18 28	18 32	12 36	12 31	6 47
T 3	17 50	6 26	5 14	24 26	2 8	21 51	0 28	22 10	2 3	15 23	0 52	19 1	1 36	21 36	0 32	21 46	1 21	18 7	15 53	18 28	18 31	12 34	12 31	6 47
F 4	18 6	2 17	4 58	24 25	2 2	22 6	0 30	22 7	2 6	15 27	0 52	19 2	1 35	21 36	0 32	21 46	1 21	18 7	15 53	18 28	18 30	12 32	12 30	6 48
S 5	18 21	2s 1	4 28	24 23	1 54	22 20	0 33	22 3	2 9	15 31	0 52	19 4	1 35	21 36	0 32	21 46	1 21	18 7	15 53	18 28	18 30	12 30	12 30	6 48
S 6	18 36	6 21	3 45	24 18	1 45	22 34	0 35	22 0	2 12	15 35	0 52	19 5	1 35	21 36	0 32	21 46	1 21	18 7	15 54	18 28	18 29	12 28	12 30	6 49
M 7	18 50	10 30	2 50	24 13	1 35	22 47	0 37	21 57	2 15	15 39	0 51	19 7	1 35	21 36	0 32	21 46	1 21	18 7	15 54	18 28	18 28	12 26	12 29	6 49
T 8	19 4	14 16	1 45	24 5	1 25	22 59	0 40	21 53	2 18	15 44	0 51	19 9	1 35	21 37	0 32	21 46	1 21	18 7	15 54	18 28	18 27	12 24	12 29	6 50
W 9	19 18	17 23	0 33	23 56	1 13	23 11	0 42	21 50	2 21	15 48	0 51	19 10	1 35	21 37	0 32	21 45	1 21	18 7	15 55	18 28	18 26	12 22	12 29	6 50
T 10	19 31	19 36	0n43	23 46	1 1	23 22	0 45	21 47	2 24	15 52	0 51	19 12	1 35	21 37	0 32	21 45	1 21	18 7	15 55	18 28	18 26	12 20	12 28	6 51
F 11	19 45	20 39	1 58	23 34	0 48	23 33	0 47	21 44	2 27	15 56	0 51	19 14	1 35	21 37	0 32	21 45	1 21	18 7	15 55	18 28	18 25	12 18	12 28	6 51
S 12	19 57	20 24	3 7	23 21	0 34	23 42	0 49	21 41	2 30	16 0	0 51	19 15	1 35	21 37	0 32	21 45	1 21	18 7	15 56	18 28	18 24	12 16	12 28	6 51
S 13	20 10	18 50	4 5	23 7	0 19	23 51	0 51	21 38	2 34	16 4	0 51	19 17	1 35	21 37	0 32	21 45	1 21	18 7	15 56	18 28	18 23	12 14	12 27	6 52
M14	20 22	16 3	4 47	22 52	0 4	24 0	0 54	21 35	2 37	16 8	0 51	19 18	1 35	21 38	0 32	21 45	1 21	18 7	15 56	18 28	18 22	12 12	12 27	6 52
T 15	20 34	12 19	5 11	22 35	0s12	24 8	0 56	21 32	2 40	16 12	0 51	19 20	1 35	21 38	0 32	21 45	1 21	18 7	15 57	18 27	18 21	12 10	12 27	6 53
W16	20 45	7 53	5 16	22 18	0 28	24 15	0 58	21 29	2 44	16 16	0 51	19 21	1 35	21 38	0 32	21 45	1 21	18 8	15 57	18 27	18 21	12 8	12 27	6 53
T 17	20 56	3 4	5 1	22 0	0 45	24 21	1 0	21 26	2 47	16 20	0 51	19 23	1 34	21 38	0 32	21 44	1 21	18 8	15 57	18 27	18 20	12 6	12 27	6 54
F 18	21 7	1n51	4 29	21 41	1 2	24 26	1 2	21 24	2 50	16 24	0 51	19 24	1 34	21 39	0 32	21 44	1 21	18 8	15 58	18 27	18 19	12 4	12 26	6 54
S 19	21 17	6 38	3 42	21 22	1 20	24 31	1 4	21 21	2 54	16 28	0 51	19 26	1 34	21 39	0 32	21 44	1 21	18 8	15 58	18 28	18 18	12 2	12 26	6 55
S 20	21 28	11 0	2 42	21 2	1 37	24 35	1 6	21 19	2 57	16 31	0 51	19 28	1 34	21 39	0 32	21 44	1 21	18 8	15 58	18 28	18 17	12 0	12 26	6 55
M21	21 37	14 46	1 35	20 42	1 54	24 39	1 8	21 16	3 1	16 35	0 51	19 29	1 34	21 39	0 32	21 44	1 21	18 8	15 59	18 28	18 16	11 58	12 26	6 55
T 22	21 46	17 42	0 24	20 21	2 11	24 42	1 10	21 14	3 5	16 39	0 51	19 31	1 34	21 40	0 32	21 44	1 21	18 8	15 59	18 28	18 16	11 56	12 26	6 56
W23	21 55	19 42	0s48	20 1	2 27	24 44	1 12	21 12	3 8	16 43	0 51	19 32	1 34	21 40	0 33	21 44	1 21	18 8	15 59	18 28	18 15	11 54	12 26	6 56
T 24	22 4	20 39	1 55	19 42	2 43	24 45	1 14	21 10	3 12	16 47	0 51	19 34	1 34	21 40	0 33	21 44	1 21	18 8	16 0	18 28	18 14	11 52	12 26	6 57
F 25	22 12	20 33	2 56	19 23	2 58	24 45	1 16	21 8	3 16	16 50	0 51	19 35	1 34	21 41	0 33	21 43	1 21	18 9	16 0	18 28	18 13	11 50	12 26	6 57
S 26	22 20	19 27	3 47	19 4	3 12	24 45	1 18	21 6	3 19	16 54	0 51	19 36	1 34	21 41	0 33	21 43	1 21	18 9	16 1	18 27	18 12	11 48	12 26	6 57
S 27	22 27	17 29	4 28	18 47	3 25	24 44	1 19	21 4	3 23	16 58	0 51	19 38	1 34	21 41	0 33	21 43	1 21	18 9	16 1	18 26	18 11	11 46	12 26	6 58
M28	22 34	14 48	4 56	18 30	3 37	24 43	1 21	21 3	3 27	17 1	0 51	19 39	1 34	21 42	0 33	21 43	1 21	18 9	16 1	18 25	18 11	11 44	12 26	6 58
T 29	22 41	11 31	5 11	18 15	3 47	24 40	1 22	21 1	3 31	17 5	0 51	19 41	1 34	21 42	0 33	21 43	1 21	18 9	16 2	18 24	18 10	11 42	12 26	6 58
W30	22 47	7 47	5 13	18 2	3 57	24 37	1 24	21 0	3 35	17 9	0 51	19 42	1 34	21 42	0 33	21 43	1 21	18 9	16 2	18 24	18 9	11 40	12 26	6 59
T 31	22n53	3n45	5s 2	17n50	4s 5	24n33	1n26	20s59	3s39	17n12	0s51	19n44	1s34	21s43	0s33	21s43	1n21	18s10	16s 2	18s23	18s 8	11n38	12s26	6n59

Julian Day Number = 2204769.5, Delta T = 09m47s
Ecliptic obliquity = 23°31'32, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°18'59, Lahiri = 14°26'00 Julian Calendar 1 May 1324 == Greg. Calendar 9 May 1324

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ASTRODIENST EPHEMERIS for the year 1324
geocentric

JUNE 1324 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	17 9 41	17♊52'48	20♍31	8°R31	11♋24	11♒29	21♉ 1	5♊27	25°R10	18°R52	21♓15	22°D13	21♏12	14♌40	4°R24	F 1
S 2	17 13 37	18°50'02	2♎44	8♊11	12°36	11°46	21°14	5°34	25♑ 8	18♐51	21°16	22♏14	21° 8	14°46	4♒22	S 2
S 3	17 17 34	19°47'14	15°13	7°55	13°49	12° 2	21°28	5°42	25° 6	18°49	21°16	22°15	21° 5	14°53	4°20	S 3
M 4	17 21 30	20°44'26	28° 1	7°42	15° 2	12°17	21°41	5°50	25° 5	18°47	21°16	22°17	21° 2	15° 0	4°18	M 4
T 5	17 25 27	21°41'37	11♏13	7°34	16°15	12°32	21°54	5°57	25° 3	18°46	21°16	22°18	20°59	15° 6	4°16	T 5
W 6	17 29 23	22°38'48	24°49	7°D30	17°27	12°46	22° 7	6° 5	25° 1	18°44	21°16	22°R19	20°56	15°13	4°13	W 6
T 7	17 33 20	23°35'58	8♐50	7°31	18°40	13° 0	22°20	6°13	24°59	18°42	21°17	22°18	20°52	15°20	4°11	T 7
F 8	17 37 17	24°33'08	23°13	7°36	19°53	13°13	22°33	6°20	24°57	18°41	21°17	22°15	20°49	15°27	4° 9	F 8
S 9	17 41 13	25°30'18	7♑53	7°47	21° 6	13°25	22°46	6°28	24°55	18°39	21°17	22°11	20°46	15°33	4° 7	S 9
S 10	17 45 10	26°27'28	22°43	8° 2	22°18	13°37	22°59	6°35	24°53	18°38	21°17	22° 7	20°43	15°40	4° 4	S 10
M11	17 49 6	27°24'37	7♒34	8°22	23°31	13°48	23°12	6°43	24°51	18°36	21°17	22° 2	20°40	15°47	4° 2	M11
T 12	17 53 3	28°21'47	22°19	8°46	24°43	13°59	23°25	6°50	24°49	18°34	21°17	21°57	20°37	15°53	3°59	T 12
W13	17 56 59	29°18'57	6♓51	9°16	25°56	14° 8	23°38	6°58	24°47	18°33	21°R17	21°54	20°33	16° 0	3°57	W13
T 14	18 0 56	0♋16'07	21° 7	9°50	27° 8	14°17	23°50	7° 5	24°45	18°31	21°17	21°52	20°30	16° 7	3°54	T 14
F 15	18 4 53	1°13'17	5♈ 3	10°30	28°21	14°26	24° 3	7°13	24°43	18°30	21°17	21°D52	20°27	16°14	3°52	F 15
S 16	18 8 49	2°10'27	18°41	11°13	29°33	14°33	24°15	7°20	24°41	18°28	21°17	21°53	20°24	16°20	3°49	S 16
S 17	18 12 46	3° 7'38	2♉ 0	12° 2	0♌46	14°40	24°28	7°27	24°38	18°27	21°17	21°54	20°21	16°27	3°47	S 17
M18	18 16 42	4° 4'49	15° 2	12°55	1°58	14°47	24°40	7°35	24°36	18°25	21°17	21°55	20°18	16°34	3°44	M18
T 19	18 20 39	5° 2'01	27°51	13°53	3°10	14°52	24°53	7°42	24°34	18°24	21°17	21°R55	20°14	16°41	3°41	T 19
W20	18 24 35	5°59'13	10♊27	14°55	4°23	14°57	25° 5	7°49	24°32	18°22	21°16	21°54	20°11	16°47	3°38	W20
T 21	18 28 32	6°56'25	22°52	16° 1	5°35	15° 1	25°17	7°57	24°30	18°20	21°16	21°50	20° 8	16°54	3°35	T 21
F 22	18 32 28	7°53'37	5♋ 9	17°12	6°47	15° 4	25°29	8° 4	24°27	18°19	21°16	21°44	20° 5	17° 1	3°33	F 22
S 23	18 36 25	8°50'50	17°17	18°27	8° 0	15° 6	25°41	8°11	24°25	18°17	21°16	21°37	20° 2	17° 7	3°30	S 23
S 24	18 40 22	9°48'03	29°18	19°46	9°12	15° 8	25°53	8°18	24°23	18°16	21°16	21°28	19°58	17°14	3°27	S 24
M25	18 44 18	10°45'16	11♌13	21°10	10°24	15° 9	26° 5	8°25	24°20	18°14	21°15	21°19	19°55	17°21	3°24	M25
T 26	18 48 15	11°42'29	23° 6	22°37	11°36	15°R 9	26°17	8°32	24°18	18°13	21°15	21°10	19°52	17°28	3°21	T 26
W27	18 52 11	12°39'42	4♍57	24° 9	12°48	15° 8	26°29	8°39	24°16	18°12	21°15	21° 3	19°49	17°34	3°18	W27
T 28	18 56 8	13°36'56	16°50	25°44	14° 0	15° 6	26°41	8°46	24°13	18°10	21°15	20°57	19°46	17°41	3°15	T 28
F 29	19 0 4	14°34'09	28°50	27°23	15°13	15° 4	26°52	8°53	24°11	18° 9	21°14	20°54	19°43	17°48	3°12	F 29
S 30	19 4 1	15♋31'23	11♎ 0	29♊ 6	16♌25	15♒ 1	27♉ 4	9♊ 0	24♑ 9	18♐ 7	21♓14	20°D52	19♏39	17♌55	3♒ 9	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22n58	0s28	4s37	17n40	4s12	24n29	1n27	20s58	3s43	17n16	0s51	19n45	1s34	21s43	0s33	21s43	1n21	18s10	16s 3	18s23	18s 7	11n36	12s26	7n 0
S 2	23 3	4 45	3 59	17 31	4 17	24 23	1 28	20 57	3 47	17 19	0 51	19 46	1 34	21 43	0 33	21 42	1 21	18 10	16 3	18 24	18 6	11 34	12 26	7 0
S 3	23 8	8 55	3 9	17 25	4 21	24 17	1 30	20 56	3 51	17 23	0 51	19 48	1 34	21 44	0 33	21 42	1 21	18 10	16 4	18 24	18 6	11 32	12 26	7 0
M 4	23 12	12 49	2 9	17 20	4 23	24 11	1 31	20 56	3 55	17 26	0 51	19 49	1 34	21 44	0 33	21 42	1 21	18 11	16 4	18 24	18 5	11 30	12 26	7 1
T 5	23 16	16 12	1 0	17 18	4 25	24 3	1 32	20 55	3 59	17 29	0 51	19 51	1 34	21 44	0 33	21 42	1 21	18 11	16 4	18 25	18 4	11 28	12 26	7 1
W 6	23 19	18 49	0n14	17 17	4 24	23 55	1 33	20 55	4 3	17 33	0 51	19 52	1 34	21 45	0 33	21 42	1 21	18 11	16 5	18 25	18 3	11 26	12 27	7 1
T 7	23 22	20 23	1 29	17 19	4 23	23 47	1 34	20 55	4 7	17 36	0 51	19 53	1 34	21 45	0 33	21 42	1 21	18 11	16 5	18 25	18 2	11 24	12 27	7 2
F 8	23 25	20 40	2 41	17 22	4 20	23 37	1 35	20 56	4 12	17 40	0 51	19 54	1 34	21 45	0 33	21 42	1 21	18 12	16 5	18 24	18 1	11 22	12 27	7 2
S 9	23 27	19 35	3 43	17 28	4 17	23 27	1 36	20 56	4 16	17 43	0 51	19 56	1 34	21 46	0 33	21 42	1 21	18 12	16 6	18 23	18 1	11 20	12 27	7 2
S 10	23 29	17 9	4 31	17 35	4 12	23 16	1 37	20 57	4 20	17 46	0 51	19 57	1 33	21 46	0 33	21 41	1 21	18 12	16 6	18 22	18 0	11 18	12 27	7 3
M11	23 30	13 35	5 1	17 44	4 6	23 5	1 38	20 58	4 24	17 49	0 51	19 58	1 33	21 47	0 33	21 41	1 21	18 13	16 7	18 20	17 59	11 16	12 28	7 3
T 12	23 31	9 13	5 11	17 54	4 0	22 53	1 39	20 59	4 29	17 53	0 51	20 0	1 33	21 47	0 33	21 41	1 21	18 13	16 7	18 19	17 58	11 14	12 28	7 3
W13	23 31	4 22	5 0	18 6	3 52	22 40	1 39	21 0	4 33	17 56	0 51	20 1	1 33	21 47	0 33	21 41	1 21	18 13	16 7	18 18	17 57	11 12	12 28	7 3
T 14	23 32	0n37	4 32	18 19	3 44	22 26	1 40	21 1	4 37	17 59	0 51	20 2	1 33	21 48	0 33	21 41	1 21	18 14	16 8	18 18	17 56	11 10	12 29	7 4
F 15	23 31	5 29	3 47	18 34	3 34	22 12	1 40	21 3	4 42	18 2	0 51	20 3	1 33	21 48	0 33	21 41	1 21	18 14	16 8	18 18	17 56	11 8	12 29	7 4
S 16	23 30	9 58	2 51	18 49	3 25	21 58	1 41	21 5	4 46	18 5	0 51	20 5	1 33	21 48	0 33	21 41	1 21	18 14	16 8	18 18	17 55	11 6	12 29	7 4
S 17	23 29	13 52	1 46	19 6	3 14	21 42	1 41	21 7	4 51	18 8	0 51	20 6	1 33	21 49	0 33	21 41	1 21	18 15	16 9	18 18	17 54	11 4	12 30	7 5
M18	23 28	17 0	0 37	19 24	3 3	21 27	1 42	21 9	4 55	18 11	0 51	20 7	1 33	21 49	0 33	21 40	1 21	18 15	16 9	18 19	17 53	11 2	12 30	7 5
T 19	23 26	19 14	0s32	19 42	2 52	21 10	1 42	21 12	4 59	18 14	0 51	20 8	1 33	21 50	0 33	21 40	1 21	18 16	16 10	18 19	17 52	11 0	12 30	7 5
W20	23 23	20 28	1 39	20 1	2 40	20 53	1 42	21 15	5 4	18 17	0 51	20 9	1 33	21 50	0 33	21 40	1 21	18 16	16 10	18 18	17 51	10 58	12 31	7 5
T 21	23 21	20 41	2 39	20 20	2 28	20 35	1 42	21 18	5 8	18 20	0 51	20 10	1 33	21 51	0 33	21 40	1 21	18 16	16 10	18 17	17 50	10 56	12 31	7 5
F 22	23 17	19 54	3 32	20 40	2 15	20 17	1 42	21 21	5 12	18 23	0 51	20 12	1 33	21 51	0 33	21 40	1 21	18 17	16 11	18 16	17 50	10 54	12 32	7 6
S 23	23 14	18 13	4 14	20 59	2 3	19 58	1 42	21 24	5 17	18 26	0 51	20 13	1 33	21 51	0 33	21 40	1 21	18 17	16 11	18 14	17 49	10 51	12 32	7 6
S 24	23 10	15 44	4 44	21 19	1 50	19 39	1 42	21 28	5 21	18 29	0 51	20 14	1 34	21 52	0 33	21 40	1 21	18 18	16 11	18 12	17 48	10 49	12 32	7 6
M25	23 5	12 38	5 2	21 38	1 36	19 19	1 41	21 32	5 25	18 31	0 51	20 15	1 34	21 52	0 33	21 40	1 21	18 18	16 12	18 9	17 47	10 47	12 33	7 6
T 26	23 0	9 3	5 6	21 56	1 23	18 59	1 41	21 36	5 30	18 34	0 51	20 16	1 34	21 53	0 33	21 40	1 21	18 18	16 12	18 7	17 46	10 45	12 33	7 6
W27	22 55	5 7	4 57	22 14	1 10	18 38	1 41	21 40	5 34	18 37	0 51	20 17	1 34	21 53	0 33	21 39	1 21	18 19	16 12	18 5	17 45	10 43	12 34	7 7
T 28	22 50	0 59	4 36	22 31	0 57	18 17	1 40	21 44	5 38	18 40	0 51	20 18	1 34	21 54	0 33	21 39	1 21	18 19	16 13	18 3	17 44	10 41	12 34	7 7
F 29	22 44	3s14	4 2	22 46	0 44	17 55	1 40	21 49	5 42	18 42	0 51	20 19	1 34	21 54	0 33	21 39	1 21	18 20	16 13	18 3	17 44	10 39	12 35	7 7
S 30	22n37	7s23	3s17	23n 1	0s31	17n33	1n39	21s54	5s46	18n45	0s51	20n20	1s34	21s54	0s33	21s39	1n21	18s20	16s13	18s 2	17s43	10n37	12s36	7n 7

Julian Day Number = 2204800.5, Delta T = 09m47s
Ecliptic obliquity = 23°31'31, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°19'03, Lahiri = 14°26'04 Julian Calendar 1 June 1324 == Greg. Calendar 9 June 1324

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ASTRODIENST EPHEMERIS for the year 1324
geocentric

JULY 1324 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	19 7 57	16♋28'37	23♎25	0♋52	17♌37	14°R57	27♉15	9♊ 7	24°R 6	18°R 6	21°R13	20♏52	19♏36	18♌ 1	3°R 6	S 1
M 2	19 11 54	17°25'52	6♏10	2°42	18°48	14♒53	27°27	9°13	24♉ 4	18♐ 5	21♓13	20°53	19°33	18° 8	3♒ 2	M 2
T 3	19 15 51	18°23'06	19°19	4°34	20° 0	14°47	27°38	9°20	24° 2	18° 3	21°13	20°R54	19°30	18°15	2°59	T 3
W 4	19 19 47	19°20'21	2♐56	6°29	21°12	14°41	27°49	9°27	23°59	18° 2	21°12	20°53	19°27	18°21	2°56	W 4
T 5	19 23 44	20°17'37	17° 1	8°27	22°24	14°35	28° 0	9°33	23°57	18° 1	21°12	20°51	19°24	18°28	2°53	T 5
F 6	19 27 40	21°14'53	1♑33	10°27	23°36	14°27	28°11	9°40	23°54	17°59	21°11	20°46	19°20	18°35	2°50	F 6
S 7	19 31 37	22°12'09	16°28	12°28	24°47	14°19	28°22	9°46	23°52	17°58	21°11	20°39	19°17	18°42	2°46	S 7
S 8	19 35 33	23° 9'26	1♒36	14°32	25°59	14°10	28°33	9°53	23°50	17°57	21°10	20°30	19°14	18°48	2°43	S 8
M 9	19 39 30	24° 6'44	16°49	16°36	27°11	14° 1	28°44	9°59	23°47	17°56	21°10	20°21	19°11	18°55	2°40	M 9
T 10	19 43 26	25° 4'03	1♓54	18°41	28°22	13°51	28°54	10° 6	23°45	17°54	21° 9	20°12	19° 8	19° 2	2°37	T 10
W11	19 47 23	26° 1'22	16°44	20°47	29°34	13°40	29° 5	10°12	23°42	17°53	21° 9	20° 5	19° 4	19° 8	2°33	W11
T 12	19 51 20	26°58'43	1♈12	22°53	0♍45	13°29	29°15	10°18	23°40	17°52	21° 8	20° 1	19° 1	19°15	2°30	T 12
F 13	19 55 16	27°56'05	15°14	25° 0	1°57	13°17	29°26	10°24	23°38	17°51	21° 7	19°58	18°58	19°22	2°27	F 13
S 14	19 59 13	28°53'28	28°51	27° 5	3° 8	13° 5	29°36	10°30	23°35	17°50	21° 7	19°D58	18°55	19°29	2°24	S 14
S 15	20 3 9	29°50'52	12♉ 4	29°11	4°20	12°52	29°46	10°36	23°33	17°49	21° 6	19°58	18°52	19°35	2°20	S 15
M16	20 7 6	0♌48'18	24°57	1♌15	5°31	12°38	29°56	10°42	23°30	17°47	21° 5	19°R58	18°49	19°42	2°17	M16
T 17	20 11 2	1°45'45	7♊32	3°19	6°42	12°24	0♊ 6	10°48	23°28	17°46	21° 5	19°57	18°45	19°49	2°14	T 17
W18	20 14 59	2°43'13	19°55	5°22	7°53	12°10	0°16	10°54	23°26	17°45	21° 4	19°53	18°42	19°56	2°10	W18
T 19	20 18 55	3°40'42	2♋ 7	7°23	9° 5	11°55	0°25	11° 0	23°23	17°44	21° 3	19°47	18°39	20° 2	2° 7	T 19
F 20	20 22 52	4°38'12	14°12	9°24	10°16	11°40	0°35	11° 6	23°21	17°43	21° 2	19°38	18°36	20° 9	2° 4	F 20
S 21	20 26 49	5°35'44	26°12	11°23	11°27	11°25	0°44	11°11	23°19	17°42	21° 2	19°27	18°33	20°16	2° 0	S 21
S 22	20 30 45	6°33'17	8♌ 7	13°20	12°38	11°10	0°54	11°17	23°16	17°41	21° 1	19°14	18°30	20°22	1°57	S 22
M23	20 34 42	7°30'51	20° 0	15°17	13°49	10°54	1° 3	11°23	23°14	17°41	21° 0	19° 0	18°26	20°29	1°54	M23
T 24	20 38 38	8°28'26	1♍51	17°11	15° 0	10°38	1°12	11°28	23°12	17°40	20°59	18°47	18°23	20°36	1°50	T 24
W25	20 42 35	9°26'02	13°43	19° 5	16°11	10°22	1°21	11°33	23° 9	17°39	20°58	18°35	18°20	20°43	1°47	W25
T 26	20 46 31	10°23'39	25°38	20°57	17°21	10° 6	1°30	11°39	23° 7	17°38	20°58	18°26	18°17	20°49	1°44	T 26
F 27	20 50 28	11°21'17	7♎38	22°47	18°32	9°50	1°39	11°44	23° 5	17°37	20°57	18°19	18°14	20°56	1°41	F 27
S 28	20 54 24	12°18'56	19°48	24°36	19°43	9°35	1°47	11°49	23° 3	17°36	20°56	18°16	18°10	21° 3	1°37	S 28
S 29	20 58 21	13°16'36	2♏11	26°23	20°54	9°19	1°56	11°54	23° 0	17°36	20°55	18°14	18° 7	21°10	1°34	S 29
M30	21 2 18	14°14'18	14°52	28° 9	22° 4	9° 3	2° 4	11°59	22°58	17°35	20°54	18°14	18° 4	21°16	1°31	M30
T 31	21 6 14	15♌12'00	27♏56	29♌54	23♍15	8♒48	2♊12	12♊ 4	22♉56	17♐34	20♓53	18♏14	18♏ 1	21♌23	1♒28	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n30	11s19	2s22	23n13	0s18	17n10	1n38	21s59	5s50	18n47	0s51	20n21	1s34	21s55	0s33	21s39	1n21	18s21	16s14	18s 2	17s42	10n35	12s36	7n 7
M 2	22 23	14 51	1 18	23 24	0 6	16 47	1 38	22 4	5 54	18 50	0 51	20 22	1 34	21 55	0 33	21 39	1 21	18 21	16 14	18 2	17 41	10 33	12 37	7 7
T 3	22 15	17 45	0 8	23 33	0n 6	16 24	1 37	22 9	5 58	18 52	0 51	20 23	1 34	21 56	0 33	21 39	1 21	18 22	16 15	18 3	17 40	10 31	12 37	7 8
W 4	22 8	19 46	1n 4	23 40	0 18	16 0	1 36	22 15	6 2	18 55	0 51	20 24	1 34	21 56	0 33	21 39	1 21	18 22	16 15	18 2	17 39	10 29	12 38	7 8
T 5	21 59	20 39	2 15	23 44	0 29	15 35	1 35	22 20	6 6	18 57	0 51	20 25	1 34	21 56	0 33	21 39	1 20	18 23	16 15	18 2	17 38	10 27	12 38	7 8
F 6	21 50	20 12	3 19	23 46	0 39	15 10	1 33	22 26	6 9	19 0	0 51	20 26	1 34	21 57	0 33	21 39	1 20	18 23	16 16	18 1	17 38	10 25	12 39	7 8
S 7	21 41	18 21	4 12	23 45	0 49	14 45	1 32	22 32	6 13	19 2	0 51	20 27	1 34	21 57	0 33	21 39	1 20	18 24	16 16	17 59	17 37	10 23	12 40	7 8
S 8	21 32	15 12	4 47	23 41	0 58	14 20	1 31	22 37	6 16	19 5	0 51	20 28	1 34	21 58	0 33	21 39	1 20	18 24	16 16	17 56	17 36	10 21	12 40	7 8
M 9	21 22	11 2	5 3	23 35	1 6	13 54	1 30	22 43	6 19	19 7	0 51	20 29	1 34	21 58	0 33	21 38	1 20	18 25	16 17	17 54	17 35	10 19	12 41	7 8
T 10	21 12	6 12	4 57	23 26	1 14	13 27	1 28	22 49	6 23	19 9	0 51	20 30	1 34	21 59	0 33	21 38	1 20	18 25	16 17	17 52	17 34	10 17	12 42	7 8
W11	21 1	1 5	4 31	23 14	1 20	13 1	1 27	22 55	6 26	19 11	0 51	20 30	1 34	21 59	0 33	21 38	1 20	18 26	16 17	17 50	17 33	10 15	12 42	7 8
T 12	20 50	3n59	3 49	23 0	1 26	12 34	1 25	23 2	6 28	19 14	0 51	20 31	1 34	21 59	0 33	21 38	1 20	18 26	16 17	17 48	17 32	10 13	12 43	7 8
F 13	20 39	8 41	2 54	22 43	1 32	12 7	1 23	23 8	6 31	19 16	0 51	20 32	1 34	22 0	0 33	21 38	1 20	18 27	16 18	17 48	17 31	10 11	12 44	7 8
S 14	20 27	12 49	1 50	22 23	1 36	11 39	1 21	23 14	6 34	19 18	0 51	20 33	1 34	22 0	0 33	21 38	1 20	18 27	16 18	17 48	17 31	10 8	12 44	7 8
S 15	20 15	16 11	0 42	22 1	1 40	11 11	1 20	23 20	6 36	19 20	0 51	20 34	1 34	22 1	0 33	21 38	1 20	18 28	16 18	17 48	17 30	10 6	12 45	7 8
M16	20 3	18 39	0s26	21 37	1 42	10 43	1 18	23 26	6 39	19 22	0 51	20 35	1 34	22 1	0 33	21 38	1 20	18 28	16 19	17 48	17 29	10 4	12 46	7 8
T 17	19 50	20 8	1 32	21 11	1 45	10 15	1 16	23 32	6 41	19 24	0 52	20 35	1 34	22 2	0 33	21 38	1 20	18 29	16 19	17 47	17 28	10 2	12 46	7 8
W18	19 37	20 37	2 32	20 43	1 46	9 46	1 13	23 38	6 43	19 26	0 52	20 36	1 34	22 2	0 33	21 38	1 20	18 29	16 19	17 46	17 27	10 0	12 47	7 8
T 19	19 24	20 7	3 24	20 12	1 47	9 18	1 11	23 44	6 45	19 28	0 52	20 37	1 34	22 2	0 33	21 38	1 20	18 30	16 20	17 45	17 26	9 58	12 48	7 8
F 20	19 10	18 42	4 6	19 41	1 47	8 49	1 9	23 50	6 46	19 30	0 52	20 38	1 35	22 3	0 33	21 38	1 20	18 31	16 20	17 42	17 25	9 56	12 49	7 8
S 21	18 56	16 28	4 36	19 8	1 46	8 19	1 7	23 56	6 48	19 32	0 52	20 38	1 35	22 3	0 33	21 38	1 20	18 31	16 20	17 39	17 24	9 54	12 49	7 8
S 22	18 42	13 33	4 55	18 33	1 45	7 50	1 4	24 2	6 49	19 34	0 52	20 39	1 35	22 4	0 33	21 38	1 20	18 32	16 20	17 36	17 24	9 52	12 50	7 8
M23	18 27	10 7	5 0	17 57	1 43	7 20	1 2	24 7	6 50	19 36	0 52	20 40	1 35	22 4	0 33	21 38	1 20	18 32	16 21	17 32	17 23	9 50	12 51	7 8
T 24	18 13	6 18	4 52	17 20	1 41	6 50	0 59	24 12	6 51	19 38	0 52	20 40	1 35	22 4	0 33	21 38	1 20	18 33	16 21	17 28	17 22	9 48	12 52	7 8
W25	17 57	2 14	4 32	16 42	1 38	6 20	0 56	24 17	6 51	19 39	0 52	20 41	1 35	22 5	0 33	21 38	1 20	18 33	16 21	17 25	17 21	9 46	12 53	7 8
T 26	17 42	1s56	4 0	16 3	1 34	5 50	0 54	24 22	6 52	19 41	0 52	20 42	1 35	22 5	0 33	21 38	1 20	18 34	16 21	17 23	17 20	9 44	12 53	7 8
F 27	17 26	6 3	3 17	15 24	1 31	5 20	0 51	24 27	6 52	19 43	0 52	20 42	1 35	22 5	0 33	21 38	1 20	18 35	16 22	17 21	17 19	9 42	12 54	7 8
S 28	17 10	10 0	2 24	14 43	1 26	4 49	0 48	24 31	6 52	19 45	0 52	20 43	1 35	22 6	0 33	21 37	1 20	18 35	16 22	17 20	17 18	9 40	12 55	7 8
S 29	16 54	13 35	1 24	14 3	1 22	4 19	0 45	24 35	6 52	19 46	0 52	20 44	1 35	22 6	0 33	21 37	1 20	18 36	16 22	17 19	17 17	9 38	12 56	7 7
M30	16 37	16 38	0 18	13 21	1 17	3 48	0 42	24 39	6 51	19 48	0 52	20 44	1 35	22 7	0 33	21 37	1 19	18 36	16 22	17 19	17 16	9 35	12 57	7 7
T 31	16n20	18s56	0n51	12n39	1n11	3n17	0n39	24s43	6s51	19n49	0s52	20n45	1s35	22s 7	0s33	21s37	1n19	18s37	16s23	17s19	17s16	9n33	12s57	7n 7

Julian Day Number = 2204830.5, Delta T = 09m47s
Ecliptic obliquity = 23°31'31, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°19'08, Lahiri = 14°26'08 Julian Calendar 1 July 1324 == Greg. Calendar 9 July 1324

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ASTRODIENST EPHEMERIS for the year 1324
geocentric

AUGUST 1324 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	21 10 11	16♌ 9'44	11♐26	1♍37	24♍25	8°R33	2♊20	12♊ 9	22°R54	17°R34	20°R52	18°R13	17♏58	21♌30	1°R25	W 1
T 2	21 14 7	17° 7'29	25°25	3°19	25°35	8♒18	2°28	12°14	22♑52	17♐33	20♓51	18♏10	17°55	21°36	1♒22	T 2
F 3	21 18 4	18° 5'15	9♑54	4°59	26°46	8° 3	2°36	12°18	22°50	17°32	20°50	18° 4	17°51	21°43	1°18	F 3
S 4	21 22 0	19° 3'02	24°48	6°38	27°56	7°49	2°44	12°23	22°48	17°32	20°49	17°55	17°48	21°50	1°15	S 4
S 5	21 25 57	20° 0'51	10♒ 0	8°15	29° 6	7°35	2°51	12°28	22°46	17°31	20°48	17°45	17°45	21°57	1°12	S 5
M 6	21 29 53	20°58'41	25°21	9°52	0♎16	7°22	2°59	12°32	22°44	17°31	20°47	17°34	17°42	22° 3	1° 9	M 6
T 7	21 33 50	21°56'32	10♓39	11°26	1°26	7° 9	3° 6	12°36	22°42	17°30	20°46	17°24	17°39	22°10	1° 6	T 7
W 8	21 37 47	22°54'25	25°42	13° 0	2°36	6°57	3°13	12°41	22°40	17°30	20°45	17°16	17°36	22°17	1° 3	W 8
T 9	21 41 43	23°52'20	10♈22	14°32	3°46	6°45	3°20	12°45	22°38	17°29	20°44	17° 9	17°32	22°23	1° 0	T 9
F 10	21 45 40	24°50'16	24°34	16° 2	4°56	6°34	3°27	12°49	22°36	17°29	20°43	17° 6	17°29	22°30	0°57	F 10
S 11	21 49 36	25°48'15	8♉17	17°32	6° 5	6°23	3°33	12°53	22°34	17°29	20°42	17° 5	17°26	22°37	0°55	S 11
S 12	21 53 33	26°46'16	21°33	19° 0	7°15	6°13	3°40	12°57	22°32	17°28	20°41	17° 4	17°23	22°44	0°52	S 12
M13	21 57 29	27°44'18	4♊25	20°26	8°25	6° 4	3°46	13° 1	22°30	17°28	20°40	17° 4	17°20	22°50	0°49	M13
T 14	22 1 26	28°42'23	16°57	21°51	9°34	5°55	3°52	13° 4	22°28	17°28	20°39	17° 3	17°16	22°57	0°46	T 14
W15	22 5 22	29°40'29	29°13	23°15	10°43	5°47	3°58	13° 8	22°27	17°27	20°38	17° 0	17°13	23° 4	0°43	W15
T 16	22 9 19	0♍38'38	11♋19	24°38	11°53	5°40	4° 4	13°12	22°25	17°27	20°37	16°54	17°10	23°11	0°41	T 16
F 17	22 13 16	1°36'48	23°17	25°58	13° 2	5°33	4°10	13°15	22°23	17°27	20°35	16°45	17° 7	23°17	0°38	F 17
S 18	22 17 12	2°35'00	5♌11	27°18	14°11	5°27	4°15	13°18	22°21	17°27	20°34	16°34	17° 4	23°24	0°35	S 18
S 19	22 21 9	3°33'14	17° 3	28°35	15°20	5°22	4°20	13°22	22°20	17°27	20°33	16°21	17° 1	23°31	0°33	S 19
M20	22 25 5	4°31'30	28°55	29°52	16°29	5°18	4°26	13°25	22°18	17°27	20°32	16° 8	16°57	23°37	0°30	M20
T 21	22 29 2	5°29'48	10♍48	1♎ 6	17°38	5°14	4°31	13°28	22°17	17°27	20°31	15°55	16°54	23°44	0°28	T 21
W22	22 32 58	6°28'07	22°44	2°19	18°47	5°12	4°35	13°31	22°15	17°D27	20°30	15°44	16°51	23°51	0°25	W22
T 23	22 36 55	7°26'29	4♎45	3°30	19°55	5°10	4°40	13°34	22°14	17°27	20°29	15°35	16°48	23°58	0°23	T 23
F 24	22 40 51	8°24'52	16°51	4°38	21° 4	5° 9	4°45	13°37	22°12	17°27	20°27	15°28	16°45	24° 4	0°21	F 24
S 25	22 44 48	9°23'16	29° 7	5°45	22°12	5°D 9	4°49	13°39	22°11	17°27	20°26	15°25	16°41	24°11	0°18	S 25
S 26	22 48 44	10°21'43	11♏34	6°50	23°21	5° 9	4°53	13°42	22°10	17°27	20°25	15°D24	16°38	24°18	0°16	S 26
M27	22 52 41	11°20'11	24°16	7°53	24°29	5°10	4°57	13°44	22° 8	17°27	20°24	15°24	16°35	24°24	0°14	M27
T 28	22 56 38	12°18'41	7♐18	8°53	25°37	5°13	5° 1	13°47	22° 7	17°27	20°23	15°R24	16°32	24°31	0°12	T 28
W29	23 0 34	13°17'12	20°42	9°50	26°45	5°16	5° 4	13°49	22° 6	17°28	20°21	15°24	16°29	24°38	0°10	W29
T 30	23 4 31	14°15'45	4♑32	10°45	27°53	5°20	5° 8	13°51	22° 5	17°28	20°20	15°22	16°26	24°45	0° 8	T 30
F 31	23 8 27	15♍14'20	18♑49	11♎36	29♎ 1	5♒24	5♊11	13♊53	22♑ 3	17♐28	20♓19	15♏18	16♏22	24♌51	0♒ 6	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
W 1	16n 3	20s16	1n59	11n57	1n 5	2n47	0n36	24s46	6s50	19n51	0s52	20n45	1s35	22s 7	0s33	21s37	1n19	18s38	16s23	17s19	17s15	9n31	12s58	7n 7	
T 2	15 46	20 24	3 3	11 15	0 59	2 16	0 33	24 49	6 49	19 52	0 52	20 46	1 35	22 8	0 33	21 37	1 19	18 38	16 23	17 18	17 14	9 29	12 59	7 7	
F 3	15 28	19 13	3 57	10 32	0 53	1 45	0 30	24 52	6 48	19 54	0 52	20 46	1 36	22 8	0 33	21 37	1 19	18 39	16 23	17 16	17 13	9 27	13 0	7 7	
S 4	15 10	16 43	4 37	9 50	0 46	1 14	0 26	24 55	6 46	19 55	0 53	20 47	1 36	22 8	0 33	21 37	1 19	18 39	16 24	17 14	17 12	9 25	13 1	7 7	
S 5	14 52	13 1	4 58	9 7	0 39	0 42	0 23	24 57	6 45	19 57	0 53	20 47	1 36	22 9	0 33	21 37	1 19	18 40	16 24	17 11	17 11	9 23	13 1	7 6	
M 6	14 33	8 27	4 58	8 24	0 32	0 11	0 19	24 59	6 43	19 58	0 53	20 48	1 36	22 9	0 33	21 37	1 19	18 40	16 24	17 8	17 10	9 21	13 2	7 6	
T 7	14 15	3 20	4 36	7 41	0 25	0s20	0 16	25 0	6 41	19 59	0 53	20 48	1 36	22 9	0 33	21 37	1 19	18 41	16 24	17 5	17 9	9 19	13 3	7 6	
W 8	13 56	1n53	3 56	6 58	0 17	0 51	0 12	25 2	6 39	20 1	0 53	20 49	1 36	22 10	0 33	21 37	1 19	18 42	16 24	17 3	17 8	9 17	13 4	7 6	
T 9	13 37	6 53	3 1	6 16	0 10	1 22	0 9	25 3	6 37	20 2	0 53	20 49	1 36	22 10	0 33	21 37	1 19	18 42	16 25	17 1	17 8	9 15	13 5	7 6	
F 10	13 17	11 21	1 56	5 33	0 2	1 53	0 5	25 3	6 35	20 3	0 53	20 50	1 36	22 10	0 33	21 37	1 19	18 43	16 25	17 0	17 7	9 13	13 6	7 5	
S 11	12 58	15 3	0 46	4 51	0s 6	2 24	0 1	25 4	6 32	20 4	0 53	20 50	1 36	22 11	0 33	21 37	1 19	18 43	16 25	17 0	17 6	9 11	13 6	7 5	
S 12	12 38	17 50	0s24	4 9	0 14	2 56	0s 3	25 4	6 30	20 5	0 53	20 50	1 36	22 11	0 33	21 37	1 19	18 44	16 25	17 0	17 5	9 9	13 7	7 5	
M13	12 18	19 37	1 30	3 27	0 23	3 27	0 6	25 4	6 27	20 7	0 53	20 51	1 36	22 11	0 33	21 37	1 19	18 45	16 25	17 0	17 4	9 6	13 8	7 5	
T 14	11 58	20 23	2 31	2 46	0 31	3 58	0 10	25 3	6 24	20 8	0 53	20 51	1 36	22 11	0 33	21 37	1 19	18 45	16 25	16 59	17 3	9 4	13 9	7 4	
W15	11 38	20 8	3 23	2 5	0 40	4 29	0 14	25 2	6 21	20 9	0 53	20 52	1 37	22 12	0 33	21 38	1 19	18 46	16 26	16 58	17 2	9 2	13 10	7 4	
T 16	11 17	18 58	4 6	1 24	0 48	4 59	0 18	25 1	6 18	20 10	0 53	20 52	1 37	22 12	0 33	21 38	1 19	18 46	16 26	16 57	17 1	9 0	13 11	7 4	
F 17	10 56	16 58	4 36	0 44	0 57	5 30	0 22	24 59	6 14	20 11	0 53	20 52	1 37	22 12	0 33	21 38	1 19	18 47	16 26	16 54	17 0	8 58	13 11	7 3	
S 18	10 35	14 16	4 55	0 5	1 5	6 1	0 26	24 58	6 11	20 12	0 53	20 53	1 37	22 13	0 33	21 38	1 19	18 47	16 26	16 51	16 59	8 56	13 12	7 3	
S 19	10 14	11 0	5 1	0s34	1 14	6 31	0 30	24 56	6 8	20 13	0 54	20 53	1 37	22 13	0 33	21 38	1 19	18 48	16 26	16 47	16 59	8 54	13 13	7 3	
M20	9 53	7 18	4 54	1 12	1 23	7 2	0 34	24 53	6 4	20 14	0 54	20 53	1 37	22 13	0 33	21 38	1 18	18 49	16 26	16 43	16 58	8 52	13 14	7 3	
T 21	9 32	3 19	4 34	1 50	1 31	7 32	0 38	24 51	6 0	20 14	0 54	20 53	1 37	22 13	0 33	21 38	1 18	18 49	16 26	16 40	16 57	8 50	13 15	7 2	
W22	9 10	0s48	4 1	2 27	1 40	8 2	0 43	24 48	5 57	20 15	0 54	20 54	1 37	22 14	0 33	21 38	1 18	18 50	16 27	16 36	16 56	8 48	13 16	7 2	
T 23	8 48	4 55	3 18	3 3	1 49	8 32	0 47	24 44	5 53	20 16	0 54	20 54	1 37	22 14	0 33	21 38	1 18	18 50	16 27	16 34	16 55	8 46	13 16	7 2	
F 24	8 27	8 53	2 26	3 39	1 57	9 2	0 51	24 41	5 49	20 17	0 54	20 54	1 37	22 14	0 33	21 38	1 18	18 51	16 27	16 32	16 54	8 44	13 17	7 1	
S 25	8 5	12 32	1 26	4 13	2 6	9 32	0 55	24 37	5 45	20 17	0 54	20 54	1 38	22 14	0 33	21 38	1 18	18 51	16 27	16 31	16 53	8 42	13 18	7 1	
S 26	7 43	15 41	0 20	4 46	2 14	10 1	1 0	24 33	5 41	20 18	0 54	20 55	1 38	22 14	0 33	21 38	1 18	18 52	16 27	16 31	16 52	8 39	13 19	7 1	
M27	7 20	18 9	0n47	5 19	2 22	10 31	1 4	24 29	5 37	20 19	0 54	20 55	1 38	22 15	0 33	21 38	1 18	18 52	16 27	16 31	16 51	8 37	13 20	7 0	
T 28	6 58	19 44	1 54	5 50	2 30	11 0	1 8	24 25	5 33	20 19	0 54	20 55	1 38	22 15	0 33	21 38	1 18	18 53	16 27	16 31	16 50	8 35	13 20	7 0	
W29	6 35	20 15	2 57	6 20	2 38	11 29	1 13	24 20	5 29	20 20	0 54	20 55	1 38	22 15	0 33	21 38	1 18	18 54	16 27	16 31	16 49	8 33	13 21	7 0	
T 30	6 13	19 36	3 51	6 49	2 46	11 57	1 17	24 15	5 25	20 20	0 54	20 55	1 38	22 15	0 33	21 38	1 18	18 54	16 27	16 30	16 49	8 31	13 22	6 59	
F 31	5n50	17s41	4n33	7s16	2s54	12s26	1s21	24s10	5s21	20n21	0s54	20n55	1s38	22s15	0s33	21s38	1n18	18s55	16s27	16s29	16s48	8n29	13s23	6n59	

Julian Day Number = 2204861.5, Delta T = 09m47s
Ecliptic obliquity = 23°31'31, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°19'12, Lahiri = 14°26'12 Julian Calendar 1 Aug. 1324 == Greg. Calendar 9 Aug. 1324

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ASTRODIENST EPHEMERIS for the year 1324
geocentric

SEPTEMBER 1324 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	23 12 24	16♍12'57	3♒29	12♎25	0♏ 9	5♒30	5♊14	13♊55	22°R 2	17♐29	20°R18	15°R12	16♏19	24♌58	0°R 4	S 1
S 2	23 16 20	17°11'35	18°30	13°10	1°16	5°36	5°17	13°57	22♑ 1	17°29	20♓17	15♏ 4	16°16	25° 5	0♒ 2	S 2
M 3	23 20 17	18°10'15	3♓42	13°51	2°23	5°43	5°19	13°59	22° 0	17°29	20°15	14°56	16°13	25°12	0° 0	M 3
T 4	23 24 13	19° 8'57	18°55	14°28	3°31	5°50	5°22	14° 0	21°59	17°30	20°14	14°47	16°10	25°18	29♑58	T 4
W 5	23 28 10	20° 7'41	3♈58	15° 1	4°38	5°59	5°24	14° 2	21°58	17°30	20°13	14°41	16° 7	25°25	29°57	W 5
T 6	23 32 7	21° 6'26	18°42	15°29	5°45	6° 8	5°26	14° 3	21°58	17°31	20°12	14°36	16° 3	25°32	29°55	T 6
F 7	23 36 3	22° 5'15	3♉ 1	15°53	6°51	6°18	5°28	14° 5	21°57	17°31	20°11	14°33	16° 0	25°38	29°53	F 7
S 8	23 40 0	23° 4'05	16°52	16°10	7°58	6°29	5°30	14° 6	21°56	17°32	20° 9	14°D33	15°57	25°45	29°52	S 8
S 9	23 43 56	24° 2'58	0♊14	16°22	9° 5	6°40	5°31	14° 7	21°55	17°32	20° 8	14°33	15°54	25°52	29°51	S 9
M10	23 47 53	25° 1'53	13°11	16°R27	10°11	6°52	5°32	14° 8	21°54	17°33	20° 7	14°34	15°51	25°59	29°49	M10
T 11	23 51 49	26° 0'50	25°46	16°26	11°17	7° 5	5°34	14° 9	21°54	17°34	20° 6	14°R35	15°47	26° 5	29°48	T 11
W12	23 55 46	26°59'50	8♋ 3	16°18	12°23	7°18	5°34	14°10	21°53	17°34	20° 5	14°34	15°44	26°12	29°47	W12
T 13	23 59 42	27°58'52	20° 7	16° 2	13°29	7°32	5°35	14°10	21°53	17°35	20° 4	14°32	15°41	26°19	29°45	T 13
F 14	0 3 39	28°57'56	2♌ 4	15°39	14°35	7°47	5°36	14°11	21°52	17°36	20° 2	14°27	15°38	26°25	29°44	F 14
S 15	0 7 36	29°57'03	13°56	15° 8	15°40	8° 2	5°36	14°11	21°52	17°36	20° 1	14°21	15°35	26°32	29°43	S 15
S 16	0 11 32	0♎56'12	25°47	14°29	16°45	8°18	5°R36	14°12	21°51	17°37	20° 0	14°13	15°32	26°39	29°42	S 16
M17	0 15 29	1°55'23	7♍41	13°43	17°51	8°35	5°36	14°12	21°51	17°38	19°59	14° 5	15°28	26°46	29°41	M17
T 18	0 19 25	2°54'36	19°38	12°50	18°55	8°52	5°36	14°R12	21°51	17°39	19°58	13°57	15°25	26°52	29°40	T 18
W19	0 23 22	3°53'51	1♎42	11°50	20° 0	9°10	5°35	14°12	21°50	17°40	19°56	13°50	15°22	26°59	29°40	W19
T 20	0 27 18	4°53'09	13°52	10°45	21° 5	9°28	5°34	14°12	21°50	17°41	19°55	13°44	15°19	27° 6	29°39	T 20
F 21	0 31 15	5°52'28	26°12	9°36	22° 9	9°47	5°33	14°11	21°50	17°42	19°54	13°41	15°16	27°13	29°38	F 21
S 22	0 35 11	6°51'50	8♏41	8°25	23°13	10° 6	5°32	14°11	21°50	17°43	19°53	13°D39	15°12	27°19	29°38	S 22
S 23	0 39 8	7°51'13	21°21	7°14	24°17	10°27	5°31	14°11	21°D50	17°44	19°52	13°40	15° 9	27°26	29°37	S 23
M24	0 43 4	8°50'39	4♐14	6° 4	25°21	10°47	5°29	14°10	21°50	17°45	19°51	13°41	15° 6	27°33	29°37	M24
T 25	0 47 1	9°50'06	17°23	4°57	26°24	11° 8	5°28	14° 9	21°50	17°46	19°50	13°42	15° 3	27°39	29°36	T 25
W26	0 50 58	10°49'35	0♑49	3°56	27°27	11°30	5°26	14° 9	21°50	17°47	19°48	13°44	15° 0	27°46	29°36	W26
T 27	0 54 54	11°49'06	14°34	3° 3	28°30	11°52	5°24	14° 8	21°50	17°48	19°47	13°R44	14°57	27°53	29°36	T 27
F 28	0 58 51	12°48'38	28°39	2°18	29°32	12°15	5°21	14° 7	21°51	17°49	19°46	13°43	14°53	28° 0	29°35	F 28
S 29	1 2 47	13°48'13	13♒ 2	1°43	0♐35	12°38	5°19	14° 5	21°51	17°51	19°45	13°41	14°50	28° 6	29°35	S 29
S 30	1 6 44	14♎47'49	27♒41	1♎19	1♐37	13♒ 1	5♊16	14♊ 4	21♑51	17♐52	19♓44	13♏37	14♏47	28♌13	29°D35	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	5n27	14s36	4n59	7s42	3s 1	12s54	1s26	24s 4	5s16	20n21	0s55	20n56	1s38	22s15	0s33	21s38	1n18	18s55	16s27	16s27	16s47	8n27	13s23	6n58
S 2	5 5	10 31	5 4	8 6	3 8	13 22	1 30	23 59	5 12	20 22	0 55	20 56	1 38	22 16	0 33	21 39	1 18	18 56	16 27	16 25	16 46	8 25	13 24	6 58
M 3	4 42	5 42	4 49	8 28	3 14	13 49	1 34	23 53	5 8	20 22	0 55	20 56	1 38	22 16	0 33	21 39	1 18	18 56	16 27	16 22	16 45	8 23	13 25	6 58
T 4	4 19	0 32	4 13	8 48	3 20	14 17	1 39	23 47	5 4	20 23	0 55	20 56	1 39	22 16	0 33	21 39	1 18	18 57	16 27	16 20	16 44	8 21	13 26	6 57
W 5	3 55	4n38	3 20	9 6	3 26	14 44	1 43	23 41	5 0	20 23	0 55	20 56	1 39	22 16	0 33	21 39	1 18	18 57	16 27	16 18	16 43	8 19	13 26	6 57
T 6	3 32	9 25	2 14	9 21	3 31	15 10	1 47	23 34	4 55	20 23	0 55	20 56	1 39	22 16	0 33	21 39	1 18	18 58	16 27	16 16	16 42	8 16	13 27	6 56
F 7	3 9	13 32	1 2	9 34	3 35	15 37	1 52	23 28	4 51	20 23	0 55	20 56	1 39	22 16	0 33	21 39	1 18	18 58	16 27	16 16	16 41	8 14	13 28	6 56
S 8	2 46	16 44	0s12	9 44	3 39	16 3	1 56	23 21	4 47	20 24	0 55	20 56	1 39	22 16	0 33	21 39	1 17	18 59	16 27	16 16	16 40	8 12	13 29	6 56
S 9	2 22	18 55	1 24	9 52	3 41	16 28	2 1	23 14	4 43	20 24	0 55	20 56	1 39	22 16	0 33	21 39	1 17	18 59	16 27	16 16	16 39	8 10	13 29	6 55
M10	1 59	20 1	2 28	9 55	3 43	16 54	2 5	23 7	4 39	20 24	0 55	20 56	1 39	22 17	0 33	21 39	1 17	18 59	16 27	16 16	16 38	8 8	13 30	6 55
T 11	1 35	20 4	3 23	9 56	3 44	17 19	2 9	22 59	4 35	20 24	0 55	20 56	1 39	22 17	0 33	21 39	1 17	19 0	16 27	16 16	16 38	8 6	13 31	6 54
W12	1 12	19 9	4 8	9 52	3 43	17 43	2 13	22 52	4 30	20 24	0 55	20 56	1 39	22 17	0 33	21 40	1 17	19 0	16 27	16 16	16 37	8 4	13 31	6 54
T 13	0 48	17 23	4 41	9 44	3 42	18 8	2 18	22 44	4 26	20 24	0 55	20 56	1 40	22 17	0 33	21 40	1 17	19 1	16 27	16 15	16 36	8 2	13 32	6 53
F 14	0 25	14 53	5 1	9 32	3 38	18 32	2 22	22 36	4 22	20 24	0 55	20 56	1 40	22 17	0 33	21 40	1 17	19 1	16 27	16 14	16 35	8 0	13 33	6 53
S 15	0 1	11 47	5 8	9 16	3 33	18 55	2 26	22 28	4 18	20 24	0 55	20 56	1 40	22 17	0 33	21 40	1 17	19 2	16 27	16 12	16 34	7 58	13 33	6 53
S 16	0s22	8 14	5 2	8 54	3 27	19 18	2 30	22 20	4 14	20 24	0 56	20 56	1 40	22 17	0 33	21 40	1 17	19 2	16 27	16 10	16 33	7 56	13 34	6 52
M17	0 46	4 21	4 43	8 29	3 18	19 41	2 34	22 12	4 10	20 24	0 56	20 56	1 40	22 17	0 33	21 40	1 17	19 3	16 27	16 7	16 32	7 53	13 35	6 52
T 18	1 10	0 16	4 11	7 58	3 8	20 3	2 38	22 3	4 6	20 24	0 56	20 56	1 40	22 17	0 33	21 40	1 17	19 3	16 27	16 5	16 31	7 51	13 35	6 51
W19	1 33	3s51	3 28	7 24	2 56	20 25	2 43	21 55	4 2	20 24	0 56	20 56	1 40	22 17	0 33	21 40	1 17	19 3	16 27	16 3	16 30	7 49	13 36	6 51
T 20	1 57	7 52	2 35	6 45	2 42	20 46	2 47	21 46	3 58	20 24	0 56	20 56	1 40	22 17	0 33	21 41	1 17	19 4	16 27	16 1	16 29	7 47	13 36	6 50
F 21	2 20	11 36	1 34	6 3	2 26	21 7	2 50	21 37	3 54	20 24	0 56	20 55	1 40	22 17	0 33	21 41	1 17	19 4	16 27	16 0	16 28	7 45	13 37	6 50
S 22	2 44	14 52	0 27	5 19	2 9	21 27	2 54	21 28	3 50	20 23	0 56	20 55	1 40	22 17	0 33	21 41	1 17	19 4	16 27	16 0	16 27	7 43	13 38	6 49
S 23	3 8	17 29	0n42	4 34	1 50	21 47	2 58	21 19	3 46	20 23	0 56	20 55	1 41	22 17	0 33	21 41	1 17	19 5	16 27	16 0	16 26	7 41	13 38	6 49
M24	3 31	19 16	1 50	3 48	1 30	22 7	3 2	21 9	3 42	20 23	0 56	20 55	1 41	22 17	0 33	21 41	1 17	19 5	16 26	16 0	16 25	7 39	13 39	6 48
T 25	3 55	20 2	2 54	3 2	1 10	22 25	3 6	21 0	3 38	20 22	0 56	20 55	1 41	22 17	0 33	21 41	1 17	19 6	16 26	16 1	16 25	7 37	13 39	6 48
W26	4 18	19 42	3 50	2 19	0 49	22 44	3 9	20 50	3 35	20 22	0 56	20 55	1 41	22 17	0 32	21 41	1 17	19 6	16 26	16 1	16 24	7 35	13 40	6 48
T 27	4 41	18 12	4 33	1 39	0 29	23 2	3 13	20 40	3 31	20 21	0 56	20 54	1 41	22 17	0 32	21 42	1 17	19 6	16 26	16 1	16 23	7 33	13 40	6 47
F 28	5 5	15 34	5 2	1 3	0 9	23 19	3 16	20 30	3 27	20 21	0 56	20 54	1 41	22 17	0 32	21 42	1 16	19 7	16 26	16 1	16 22	7 30	13 41	6 47
S 29	5 28	11 58	5 13	0 32	0n10	23 36	3 20	20 20	3 24	20 21	0 56	20 54	1 41	22 17	0 32	21 42	1 16	19 7	16 26	16 0	16 21	7 28	13 41	6 46
S 30	5s51	7s34	5n 4	0s 5	0n28	23s52	3s23	20s10	3s20	20n20	0s56	20n54	1s41	22s17	0s32	21s42	1n16	19s 7	16s26	15s59	16s20	7n26	13s42	6n46

Julian Day Number = 2204892.5, Delta T = 09m47s
Ecliptic obliquity = 23°31'31, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°19'16, Lahiri = 14°26'17 Julian Calendar 1 Sept. 1324 == Greg. Calendar 9 Sept. 1324

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ASTRODIENST EPHEMERIS for the year 1324
geocentric

OCTOBER 1324 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	1 10 40	15♎47'26	12♓30	1°R 6	2♐38	13♒25	5°R13	14°R 3	21♑52	17♐53	19°R43	13°R33	14♏44	28♌20	29♑35	M 1
T 2	1 14 37	16°47'06	27°22	1°D 4	3°40	13°50	5♊10	14♊ 1	21°52	17°54	19♓42	13♏29	14°41	28°26	29°35	T 2
W 3	1 18 33	17°46'47	12♈ 9	1♎13	4°41	14°15	5° 7	14° 0	21°52	17°56	19°41	13°26	14°38	28°33	29°36	W 3
T 4	1 22 30	18°46'31	26°43	1°33	5°41	14°40	5° 3	13°58	21°53	17°57	19°40	13°24	14°34	28°40	29°36	T 4
F 5	1 26 27	19°46'17	10♉57	2° 2	6°42	15° 5	5° 0	13°56	21°53	17°58	19°39	13°D23	14°31	28°47	29°36	F 5
S 6	1 30 23	20°46'04	24°49	2°41	7°41	15°31	4°56	13°55	21°54	18° 0	19°38	13°24	14°28	28°53	29°36	S 6
S 7	1 34 20	21°45'54	8♊15	3°29	8°41	15°58	4°52	13°53	21°55	18° 1	19°37	13°25	14°25	29° 0	29°37	S 7
M 8	1 38 16	22°45'46	21°17	4°24	9°40	16°25	4°47	13°50	21°56	18° 3	19°36	13°26	14°22	29° 7	29°37	M 8
T 9	1 42 13	23°45'41	3♋56	5°25	10°39	16°52	4°43	13°48	21°56	18° 4	19°35	13°28	14°18	29°13	29°38	T 9
W10	1 46 9	24°45'37	16°17	6°33	11°37	17°19	4°38	13°46	21°57	18° 6	19°34	13°29	14°15	29°20	29°39	W10
T 11	1 50 6	25°45'36	28°24	7°45	12°35	17°47	4°34	13°44	21°58	18° 7	19°33	13°R29	14°12	29°27	29°39	T 11
F 12	1 54 2	26°45'37	10♌22	9° 3	13°33	18°15	4°29	13°41	21°59	18° 9	19°32	13°28	14° 9	29°34	29°40	F 12
S 13	1 57 59	27°45'40	22°14	10°24	14°29	18°44	4°24	13°39	22° 0	18°10	19°31	13°27	14° 6	29°40	29°41	S 13
S 14	2 1 56	28°45'46	4♍ 6	11°48	15°26	19°13	4°18	13°36	22° 1	18°12	19°30	13°25	14° 3	29°47	29°42	S 14
M15	2 5 52	29°45'53	16° 2	13°14	16°22	19°42	4°13	13°33	22° 2	18°14	19°29	13°23	13°59	29°54	29°43	M15
T 16	2 9 49	0♏46'02	28° 4	14°43	17°17	20°11	4° 7	13°30	22° 3	18°15	19°29	13°21	13°56	0♍ 1	29°44	T 16
W17	2 13 45	1°46'14	10♎15	16°14	18°12	20°41	4° 1	13°27	22° 4	18°17	19°28	13°19	13°53	0° 7	29°45	W17
T 18	2 17 42	2°46'27	22°38	17°46	19° 7	21°11	3°55	13°24	22° 5	18°19	19°27	13°18	13°50	0°14	29°46	T 18
F 19	2 21 38	3°46'42	5♏13	19°20	20° 0	21°42	3°49	13°21	22° 7	18°20	19°26	13°17	13°47	0°21	29°47	F 19
S 20	2 25 35	4°46'59	18° 2	20°54	20°54	22°12	3°43	13°18	22° 8	18°22	19°25	13°D17	13°43	0°27	29°49	S 20
S 21	2 29 31	5°47'18	1♐ 4	22°29	21°46	22°43	3°37	13°14	22° 9	18°24	19°25	13°18	13°40	0°34	29°50	S 21
M22	2 33 28	6°47'38	14°19	24° 5	22°38	23°14	3°30	13°11	22°11	18°26	19°24	13°18	13°37	0°41	29°52	M22
T 23	2 37 25	7°48'00	27°46	25°41	23°29	23°46	3°24	13° 7	22°12	18°28	19°23	13°19	13°34	0°48	29°53	T 23
W24	2 41 21	8°48'24	11♑26	27°17	24°20	24°17	3°17	13° 4	22°14	18°29	19°22	13°19	13°31	0°54	29°55	W24
T 25	2 45 18	9°48'49	25°18	28°54	25° 9	24°49	3°10	13° 0	22°15	18°31	19°22	13°20	13°28	1° 1	29°57	T 25
F 26	2 49 14	10°49'15	9♒21	0♏30	25°58	25°21	3° 3	12°57	22°17	18°33	19°21	13°R20	13°24	1° 8	29°58	F 26
S 27	2 53 11	11°49'43	23°32	2° 7	26°46	25°54	2°56	12°53	22°19	18°35	19°20	13°20	13°21	1°14	0♒ 0	S 27
S 28	2 57 7	12°50'12	7♓51	3°43	27°33	26°27	2°49	12°49	22°20	18°37	19°20	13°D20	13°18	1°21	0° 2	S 28
M29	3 1 4	13°50'42	22°13	5°20	28°20	26°59	2°41	12°45	22°22	18°39	19°19	13°20	13°15	1°28	0° 4	M29
T 30	3 5 0	14°51'13	6♈36	6°56	29° 5	27°32	2°34	12°41	22°24	18°41	19°18	13°20	13°12	1°35	0° 6	T 30
W31	3 8 57	15♏51'46	20♈55	8♏32	29♐49	28♒ 6	2♊26	12♊37	22♑26	18♐43	19♓18	13♏20	13♏ 9	1♍41	0♒ 8	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	6s14	2s40	4n34	0n15	0n45	24s 8	3s26	19s59	3s16	20n19	0s56	20n54	1s41	22s17	0s32	21s42	1n16	19s 7	16s26	15s58	16s19	7n24	13s42	6n45
T 2	6 37	2n24	3 46	0 30	1 0	24 23	3 30	19 49	3 13	20 19	0 56	20 53	1 41	22 17	0 32	21 42	1 16	19 8	16 25	15 57	16 18	7 22	13 43	6 45
W 3	7 0	7 19	2 43	0 38	1 14	24 38	3 33	19 38	3 9	20 18	0 56	20 53	1 41	22 16	0 32	21 43	1 16	19 8	16 25	15 56	16 17	7 20	13 43	6 44
T 4	7 23	11 44	1 30	0 41	1 25	24 52	3 36	19 27	3 6	20 18	0 56	20 53	1 42	22 16	0 32	21 43	1 16	19 8	16 25	15 55	16 16	7 18	13 43	6 44
F 5	7 46	15 23	0 13	0 39	1 36	25 6	3 39	19 16	3 2	20 17	0 56	20 52	1 42	22 16	0 32	21 43	1 16	19 8	16 25	15 55	16 15	7 16	13 44	6 43
S 6	8 8	18 2	1s 3	0 31	1 44	25 19	3 41	19 5	2 59	20 16	0 56	20 52	1 42	22 16	0 32	21 43	1 16	19 9	16 25	15 55	16 14	7 14	13 44	6 43
S 7	8 31	19 35	2 13	0 19	1 52	25 31	3 44	18 54	2 55	20 15	0 57	20 52	1 42	22 16	0 32	21 43	1 16	19 9	16 25	15 55	16 13	7 12	13 45	6 42
M 8	8 53	20 1	3 14	0 3	1 57	25 43	3 47	18 42	2 52	20 15	0 57	20 51	1 42	22 16	0 32	21 43	1 16	19 9	16 24	15 56	16 12	7 9	13 45	6 42
T 9	9 15	19 24	4 4	0s18	2 2	25 54	3 49	18 31	2 49	20 14	0 57	20 51	1 42	22 16	0 32	21 44	1 16	19 9	16 24	15 56	16 11	7 7	13 45	6 41
W10	9 37	17 53	4 41	0 42	2 5	26 5	3 51	18 19	2 45	20 13	0 57	20 51	1 42	22 16	0 32	21 44	1 16	19 10	16 24	15 56	16 10	7 5	13 46	6 41
T 11	9 59	15 34	5 5	1 9	2 7	26 15	3 53	18 8	2 42	20 12	0 57	20 50	1 42	22 15	0 32	21 44	1 16	19 10	16 24	15 57	16 9	7 3	13 46	6 40
F 12	10 21	12 39	5 15	1 38	2 8	26 24	3 55	17 56	2 39	20 11	0 57	20 50	1 42	22 15	0 32	21 44	1 16	19 10	16 24	15 56	16 9	7 1	13 46	6 40
S 13	10 43	9 14	5 12	2 10	2 8	26 33	3 57	17 44	2 36	20 10	0 57	20 50	1 42	22 15	0 32	21 44	1 16	19 10	16 23	15 56	16 8	6 59	13 47	6 39
S 14	11 4	5 27	4 56	2 44	2 7	26 41	3 59	17 32	2 33	20 9	0 57	20 49	1 42	22 15	0 32	21 44	1 16	19 10	16 23	15 55	16 7	6 57	13 47	6 39
M15	11 26	1 27	4 26	3 19	2 5	26 49	4 1	17 20	2 30	20 8	0 57	20 49	1 42	22 15	0 32	21 45	1 16	19 10	16 23	15 55	16 6	6 55	13 47	6 38
T 16	11 47	2s40	3 45	3 56	2 3	26 56	4 2	17 7	2 27	20 7	0 57	20 49	1 42	22 14	0 32	21 45	1 16	19 11	16 23	15 54	16 5	6 53	13 47	6 38
W17	12 8	6 43	2 53	4 34	2 0	27 3	4 4	16 55	2 23	20 6	0 57	20 48	1 42	22 14	0 32	21 45	1 16	19 11	16 22	15 54	16 4	6 51	13 48	6 37
T 18	12 29	10 34	1 52	5 12	1 56	27 8	4 5	16 42	2 20	20 5	0 57	20 48	1 42	22 14	0 32	21 45	1 16	19 11	16 22	15 53	16 3	6 48	13 48	6 37
F 19	12 49	14 1	0 45	5 52	1 52	27 14	4 6	16 30	2 18	20 4	0 57	20 47	1 43	22 14	0 32	21 45	1 16	19 11	16 22	15 53	16 2	6 46	13 48	6 37
S 20	13 10	16 51	0n26	6 31	1 48	27 19	4 6	16 17	2 15	20 3	0 57	20 47	1 43	22 14	0 32	21 46	1 16	19 11	16 22	15 53	16 1	6 44	13 48	6 36
S 21	13 30	18 52	1 37	7 11	1 43	27 23	4 7	16 4	2 12	20 2	0 56	20 46	1 43	22 13	0 32	21 46	1 16	19 11	16 21	15 53	16 0	6 42	13 48	6 36
M22	13 50	19 53	2 44	7 51	1 38	27 26	4 7	15 51	2 9	20 0	0 56	20 46	1 43	22 13	0 32	21 46	1 15	19 11	16 21	15 53	15 59	6 40	13 49	6 35
T 23	14 10	19 48	3 43	8 32	1 32	27 29	4 8	15 38	2 6	19 59	0 56	20 45	1 43	22 13	0 32	21 46	1 15	19 11	16 21	15 53	15 58	6 38	13 49	6 35
W24	14 29	18 33	4 30	9 12	1 27	27 32	4 8	15 24	2 3	19 58	0 56	20 45	1 43	22 12	0 32	21 46	1 15	19 11	16 21	15 54	15 57	6 36	13 49	6 34
T 25	14 48	16 12	5 2	9 52	1 21	27 34	4 8	15 11	2 0	19 57	0 56	20 45	1 43	22 12	0 32	21 47	1 15	19 11	16 20	15 54	15 56	6 34	13 49	6 34
F 26	15 7	12 53	5 17	10 32	1 15	27 35	4 7	14 58	1 58	19 55	0 56	20 44	1 43	22 12	0 32	21 47	1 15	19 11	16 20	15 54	15 55	6 32	13 49	6 33
S 27	15 26	8 48	5 12	11 11	1 8	27 36	4 7	14 44	1 55	19 54	0 56	20 44	1 43	22 12	0 32	21 47	1 15	19 11	16 20	15 54	15 54	6 30	13 49	6 33
S 28	15 45	4 11	4 49	11 50	1 2	27 36	4 6	14 30	1 52	19 53	0 56	20 43	1 43	22 11	0 32	21 47	1 15	19 11	16 20	15 54	15 53	6 27	13 49	6 32
M29	16 3	0n41	4 7	12 29	0 55	27 36	4 5	14 17	1 50	19 51	0 56	20 42	1 43	22 11	0 32	21 47	1 15	19 11	16 19	15 54	15 52	6 25	13 49	6 32
T 30	16 21	5 32	3 10	13 7	0 49	27 35	4 4	14 3	1 47	19 50	0 56	20 42	1 43	22 11	0 32	21 47	1 15	19 11	16 19	15 54	15 51	6 23	13 49	6 32
W31	16s39	10n 4	2n 1	13s44	0n42	27s34	4s 2	13s49	1s45	19n48	0s56	20n41	1s43	22s10	0s32	21s48	1n15	19s11	16s19	15s54	15s50	6n21	13s49	6n31

Julian Day Number = 2204922.5, Delta T = 09m46s
Ecliptic obliquity = 23°31'31, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°19'20, Lahiri = 14°26'21 Julian Calendar 1 Oct. 1324 == Greg. Calendar 9 Oct. 1324

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ASTRODIENST EPHEMERIS for the year 1324
geocentric

NOVEMBER 1324 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	3 12 54	16♏52'20	5♉ 5	10♏ 8	0♑33	28♒39	2°R19	12°R33	22♑28	18♐45	19°R17	13♏20	13♏ 5	1♍48	0♒10	T 1
F 2	3 16 50	17°52'56	19° 1	11°44	1°15	29°13	2♊11	12♊28	22°30	18°47	19♓17	13°R20	13° 2	1°55	0°12	F 2
S 3	3 20 47	18°53'33	2♊41	13°20	1°56	29°47	2° 3	12°24	22°32	18°49	19°16	13°20	12°59	2° 1	0°14	S 3
S 4	3 24 43	19°54'12	16° 1	14°56	2°36	0♓21	1°56	12°20	22°34	18°51	19°16	13°19	12°56	2° 8	0°17	S 4
M 5	3 28 40	20°54'53	29° 2	16°31	3°15	0°55	1°48	12°15	22°36	18°53	19°15	13°18	12°53	2°15	0°19	M 5
T 6	3 32 36	21°55'35	11♋43	18° 6	3°53	1°29	1°40	12°11	22°38	18°55	19°15	13°17	12°49	2°22	0°21	T 6
W 7	3 36 33	22°56'18	24° 7	19°41	4°29	2° 4	1°32	12° 6	22°40	18°57	19°14	13°16	12°46	2°28	0°24	W 7
T 8	3 40 29	23°57'03	6♌16	21°16	5° 4	2°38	1°24	12° 2	22°42	18°59	19°14	13°15	12°43	2°35	0°27	T 8
F 9	3 44 26	24°57'50	18°15	22°51	5°38	3°13	1°16	11°57	22°44	19° 1	19°14	13°14	12°40	2°42	0°29	F 9
S 10	3 48 23	25°58'38	0♍ 8	24°25	6°10	3°48	1° 8	11°53	22°47	19° 3	19°13	13°D14	12°37	2°48	0°32	S 10
S 11	3 52 19	26°59'28	12° 0	26° 0	6°41	4°23	0°59	11°48	22°49	19° 5	19°13	13°15	12°34	2°55	0°34	S 11
M12	3 56 16	28° 0'19	23°56	27°34	7°10	4°58	0°51	11°43	22°51	19° 8	19°12	13°16	12°30	3° 2	0°37	M12
T 13	4 0 12	29° 1'11	6♎ 0	29° 9	7°37	5°34	0°43	11°38	22°54	19°10	19°12	13°17	12°27	3° 9	0°40	T 13
W14	4 4 9	0♐ 2'05	18°16	0♐43	8° 3	6° 9	0°35	11°34	22°56	19°12	19°12	13°19	12°24	3°15	0°43	W14
T 15	4 8 5	1° 3'01	0♏48	2°17	8°27	6°45	0°27	11°29	22°58	19°14	19°12	13°20	12°21	3°22	0°46	T 15
F 16	4 12 2	2° 3'57	13°37	3°51	8°49	7°21	0°19	11°24	23° 1	19°16	19°11	13°R20	12°18	3°29	0°49	F 16
S 17	4 15 58	3° 4'55	26°45	5°26	9° 9	7°57	0°10	11°19	23° 3	19°18	19°11	13°20	12°15	3°35	0°52	S 17
S 18	4 19 55	4° 5'54	10♐11	7° 0	9°28	8°33	0° 2	11°14	23° 6	19°21	19°11	13°18	12°11	3°42	0°55	S 18
M19	4 23 52	5° 6'54	23°54	8°34	9°44	9° 9	29♉54	11° 9	23° 9	19°23	19°11	13°16	12° 8	3°49	0°58	M19
T 20	4 27 48	6° 7'54	7♑50	10° 8	9°59	9°45	29°46	11° 4	23°11	19°25	19°11	13°12	12° 5	3°56	1° 1	T 20
W21	4 31 45	7° 8'56	21°56	11°42	10°11	10°22	29°38	10°59	23°14	19°27	19°11	13° 9	12° 2	4° 2	1° 5	W21
T 22	4 35 41	8° 9'58	6♒ 8	13°17	10°21	10°58	29°30	10°54	23°17	19°29	19°11	13° 5	11°59	4° 9	1° 8	T 22
F 23	4 39 38	9°11'00	20°22	14°51	10°28	11°35	29°22	10°49	23°19	19°32	19°10	13° 3	11°55	4°16	1°11	F 23
S 24	4 43 34	10°12'03	4♓34	16°25	10°34	12°12	29°14	10°45	23°22	19°34	19°10	13°D 2	11°52	4°22	1°15	S 24
S 25	4 47 31	11°13'07	18°44	18° 0	10°37	12°49	29° 6	10°40	23°25	19°36	19°D10	13° 2	11°49	4°29	1°18	S 25
M26	4 51 27	12°14'11	2♈48	19°34	10°R37	13°26	28°58	10°35	23°28	19°38	19°10	13° 3	11°46	4°36	1°22	M26
T 27	4 55 24	13°15'15	16°45	21° 9	10°35	14° 3	28°51	10°30	23°31	19°41	19°10	13° 5	11°43	4°43	1°25	T 27
W28	4 59 21	14°16'20	0♉35	22°44	10°31	14°40	28°43	10°25	23°34	19°43	19°11	13° 6	11°40	4°49	1°29	W28
T 29	5 3 17	15°17'25	14°16	24°18	10°24	15°17	28°35	10°20	23°36	19°45	19°11	13°R 7	11°36	4°56	1°32	T 29
F 30	5 7 14	16♐18'31	27♉46	25♐53	10♑14	15♓55	28♉28	10♊15	23♑39	19♐47	19♓11	13♏ 6	11♏33	5♍ 3	1♒36	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	16s56	13n59	0n46	14s21	0n35	27s32	4s 0	13s35	1s42	19n47	0s56	20n41	1s43	22s10	0s32	21s48	1n15	19s11	16s18	15s54	15s49	6n19	13s49	6n31
F 2	17 13	17 2	0s31	14 58	0 28	27 29	3 58	13 21	1 40	19 46	0 56	20 40	1 43	22 10	0 32	21 48	1 15	19 11	16 18	15 54	15 48	6 17	13 49	6 30
S 3	17 30	19 3	1 45	15 33	0 22	27 26	3 56	13 6	1 37	19 44	0 56	20 40	1 43	22 9	0 32	21 48	1 15	19 11	16 18	15 54	15 47	6 15	13 49	6 30
S 4	17 47	19 57	2 52	16 8	0 15	27 23	3 53	12 52	1 35	19 43	0 56	20 39	1 43	22 9	0 32	21 48	1 15	19 11	16 17	15 54	15 47	6 13	13 49	6 29
M 5	18 3	19 44	3 47	16 42	0 8	27 19	3 50	12 38	1 32	19 41	0 56	20 39	1 43	22 9	0 32	21 49	1 15	19 11	16 17	15 53	15 46	6 11	13 49	6 29
T 6	18 19	18 31	4 30	17 16	0 1	27 15	3 47	12 23	1 30	19 40	0 56	20 38	1 43	22 8	0 32	21 49	1 15	19 11	16 17	15 53	15 45	6 8	13 49	6 28
W 7	18 34	16 27	4 59	17 48	0s 5	27 10	3 44	12 8	1 28	19 38	0 55	20 38	1 43	22 8	0 32	21 49	1 15	19 11	16 16	15 53	15 44	6 6	13 49	6 28
T 8	18 50	13 42	5 14	18 20	0 12	27 5	3 40	11 54	1 25	19 37	0 55	20 37	1 43	22 8	0 32	21 49	1 15	19 11	16 16	15 52	15 43	6 4	13 49	6 28
F 9	19 5	10 24	5 15	18 51	0 19	27 0	3 36	11 39	1 23	19 35	0 55	20 36	1 43	22 7	0 32	21 49	1 15	19 10	16 16	15 52	15 42	6 2	13 49	6 27
S 10	19 19	6 44	5 3	19 21	0 25	26 54	3 31	11 24	1 21	19 34	0 55	20 36	1 43	22 7	0 32	21 50	1 15	19 10	16 16	15 52	15 41	6 0	13 49	6 27
S 11	19 33	2 48	4 38	19 50	0 32	26 47	3 26	11 9	1 18	19 32	0 55	20 35	1 43	22 6	0 32	21 50	1 15	19 10	16 15	15 52	15 40	5 58	13 48	6 26
M12	19 47	1s16	4 0	20 18	0 38	26 40	3 21	10 54	1 16	19 30	0 55	20 35	1 43	22 6	0 32	21 50	1 15	19 10	16 15	15 53	15 39	5 56	13 48	6 26
T 13	20 1	5 20	3 12	20 45	0 44	26 33	3 15	10 39	1 14	19 29	0 55	20 34	1 43	22 6	0 32	21 50	1 15	19 10	16 15	15 53	15 38	5 54	13 48	6 26
W14	20 14	9 15	2 14	21 12	0 50	26 26	3 9	10 24	1 12	19 27	0 55	20 33	1 43	22 5	0 32	21 50	1 15	19 10	16 14	15 53	15 37	5 52	13 48	6 25
T 15	20 27	12 52	1 9	21 37	0 56	26 18	3 3	10 9	1 10	19 26	0 55	20 33	1 43	22 5	0 32	21 51	1 15	19 9	16 14	15 54	15 36	5 50	13 48	6 25
F 16	20 39	15 58	0n 2	22 1	1 2	26 9	2 56	9 53	1 8	19 24	0 54	20 32	1 42	22 4	0 32	21 51	1 15	19 9	16 14	15 54	15 35	5 47	13 47	6 24
S 17	20 51	18 19	1 13	22 24	1 8	26 1	2 49	9 38	1 6	19 23	0 54	20 32	1 42	22 4	0 31	21 51	1 15	19 9	16 13	15 54	15 34	5 45	13 47	6 24
S 18	21 3	19 42	2 23	22 46	1 13	25 52	2 41	9 23	1 4	19 21	0 54	20 31	1 42	22 3	0 31	21 51	1 15	19 9	16 13	15 53	15 33	5 43	13 47	6 24
M19	21 14	19 58	3 25	23 7	1 19	25 43	2 33	9 7	1 2	19 19	0 54	20 30	1 42	22 3	0 31	21 51	1 15	19 8	16 13	15 52	15 32	5 41	13 46	6 23
T 20	21 24	19 2	4 16	23 26	1 24	25 33	2 25	8 51	1 0	19 18	0 54	20 30	1 42	22 2	0 31	21 52	1 15	19 8	16 12	15 51	15 31	5 39	13 46	6 23
W21	21 35	16 55	4 53	23 44	1 29	25 23	2 16	8 36	0 58	19 16	0 54	20 29	1 42	22 2	0 31	21 52	1 15	19 8	16 12	15 50	15 30	5 37	13 46	6 23
T 22	21 45	13 46	5 12	24 2	1 34	25 13	2 6	8 20	0 56	19 15	0 53	20 29	1 42	22 2	0 31	21 52	1 15	19 8	16 11	15 49	15 29	5 35	13 45	6 22
F 23	21 54	9 50	5 11	24 18	1 39	25 3	1 56	8 4	0 54	19 13	0 53	20 28	1 42	22 1	0 31	21 52	1 15	19 7	16 11	15 49	15 28	5 33	13 45	6 22
S 24	22 3	5 20	4 52	24 32	1 43	24 52	1 46	7 48	0 52	19 12	0 53	20 27	1 42	22 1	0 31	21 52	1 15	19 7	16 11	15 48	15 27	5 31	13 45	6 22
S 25	22 12	0 34	4 15	24 45	1 47	24 41	1 35	7 33	0 50	19 10	0 53	20 27	1 42	22 0	0 31	21 53	1 15	19 7	16 10	15 48	15 26	5 29	13 44	6 21
M26	22 20	4n13	3 23	24 57	1 51	24 29	1 24	7 17	0 48	19 9	0 53	20 26	1 42	22 0	0 31	21 53	1 15	19 6	16 10	15 49	15 25	5 26	13 44	6 21
T 27	22 28	8 45	2 19	25 8	1 55	24 18	1 12	7 1	0 46	19 7	0 53	20 26	1 42	21 59	0 31	21 53	1 15	19 6	16 10	15 49	15 24	5 24	13 43	6 21
W28	22 36	12 47	1 8	25 17	1 58	24 6	1 0	6 45	0 45	19 6	0 52	20 25	1 41	21 59	0 31	21 53	1 15	19 6	16 9	15 50	15 23	5 22	13 43	6 20
T 29	22 43	16 5	0s 6	25 25	2 1	23 54	0 47	6 29	0 43	19 4	0 52	20 24	1 41	21 58	0 31	21 53	1 15	19 5	16 9	15 50	15 22	5 20	13 43	6 20
F 30	22s49	18n27	1s19	25s31	2s 4	23s42	0s34	6s12	0s41	19n 3	0s52	20n24	1s41	21s58	0s31	21s53	1n15	19s 5	16s 9	15s50	15s21	5n18	13s42	6n20

Julian Day Number = 2204953.5, Delta T = 09m46s
Ecliptic obliquity = 23°31'30, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°19'24, Lahiri = 14°26'25 Julian Calendar 1 Nov. 1324 == Greg. Calendar 9 Nov. 1324

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ASTRODIENST EPHEMERIS for the year 1324
geocentric

DECEMBER 1324 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	5 11 10	17♐19'37	11♊ 4	27♐28	10°R 2	16♓32	28°R21	10°R10	23♑42	19♐50	19♓11	13°R 3	11♏30	5♍ 9	1♒40	S 1
S 2	5 15 7	18°20'44	24° 9	29° 3	9♑48	17° 9	28♉13	10♊ 5	23°45	19°52	19°11	12♏58	11°27	5°16	1°43	S 2
M 3	5 19 3	19°21'51	6♋59	0♑38	9°31	17°47	28° 6	10° 0	23°48	19°54	19°11	12°52	11°24	5°23	1°47	M 3
T 4	5 23 0	20°22'59	19°35	2°12	9°12	18°25	27°59	9°55	23°52	19°57	19°11	12°45	11°21	5°30	1°51	T 4
W 5	5 26 56	21°24'07	1♌56	3°47	8°50	19° 2	27°52	9°50	23°55	19°59	19°12	12°38	11°17	5°36	1°55	W 5
T 6	5 30 53	22°25'16	14° 5	5°22	8°26	19°40	27°46	9°46	23°58	20° 1	19°12	12°32	11°14	5°43	1°59	T 6
F 7	5 34 50	23°26'25	26° 3	6°56	8° 0	20°18	27°39	9°41	24° 1	20° 3	19°12	12°26	11°11	5°50	2° 3	F 7
S 8	5 38 46	24°27'35	7♍56	8°30	7°32	20°56	27°32	9°36	24° 4	20° 6	19°12	12°23	11° 8	5°56	2° 7	S 8
S 9	5 42 43	25°28'46	19°47	10° 3	7° 3	21°34	27°26	9°32	24° 7	20° 8	19°13	12°21	11° 5	6° 3	2°11	S 9
M10	5 46 39	26°29'56	1♎41	11°36	6°31	22°12	27°20	9°27	24°10	20°10	19°13	12°D21	11° 1	6°10	2°15	M10
T 11	5 50 36	27°31'08	13°43	13° 8	5°59	22°50	27°14	9°22	24°14	20°12	19°13	12°22	10°58	6°17	2°19	T 11
W12	5 54 32	28°32'19	25°58	14°40	5°25	23°28	27° 8	9°18	24°17	20°15	19°14	12°24	10°55	6°23	2°23	W12
T 13	5 58 29	29°33'32	8♏32	16°10	4°50	24° 6	27° 2	9°13	24°20	20°17	19°14	12°R25	10°52	6°30	2°27	T 13
F 14	6 2 25	0♑34'44	21°27	17°39	4°14	24°44	26°56	9° 9	24°23	20°19	19°15	12°24	10°49	6°37	2°31	F 14
S 15	6 6 22	1°35'57	4♐46	19° 6	3°37	25°23	26°51	9° 4	24°27	20°21	19°15	12°22	10°46	6°43	2°35	S 15
S 16	6 10 19	2°37'09	18°30	20°31	3° 1	26° 1	26°45	9° 0	24°30	20°24	19°16	12°17	10°42	6°50	2°40	S 16
M17	6 14 15	3°38'22	2♑37	21°53	2°24	26°39	26°40	8°56	24°33	20°26	19°16	12°10	10°39	6°57	2°44	M17
T 18	6 18 12	4°39'35	17° 2	23°13	1°48	27°18	26°35	8°52	24°37	20°28	19°17	12° 2	10°36	7° 3	2°48	T 18
W19	6 22 8	5°40'48	1♒38	24°29	1°12	27°56	26°30	8°47	24°40	20°30	19°17	11°53	10°33	7°10	2°53	W19
T 20	6 26 5	6°42'00	16°18	25°42	0°37	28°35	26°26	8°43	24°43	20°33	19°18	11°44	10°30	7°17	2°57	T 20
F 21	6 30 1	7°43'12	0♓56	26°49	0° 3	29°14	26°21	8°39	24°47	20°35	19°18	11°37	10°27	7°24	3° 1	F 21
S 22	6 33 58	8°44'23	15°24	27°51	29♐29	29°52	26°17	8°35	24°50	20°37	19°19	11°32	10°23	7°30	3° 6	S 22
S 23	6 37 54	9°45'34	29°39	28°47	28°58	0♈31	26°13	8°31	24°54	20°39	19°20	11°30	10°20	7°37	3°10	S 23
M24	6 41 51	10°46'44	13♈39	29°36	28°28	1°10	26° 9	8°28	24°57	20°41	19°20	11°D30	10°17	7°44	3°14	M24
T 25	6 45 48	11°47'53	27°24	0♒17	27°59	1°48	26° 5	8°24	25° 1	20°43	19°21	11°30	10°14	7°50	3°19	T 25
W26	6 49 44	12°49'02	10♉54	0°48	27°33	2°27	26° 2	8°20	25° 4	20°46	19°22	11°R31	10°11	7°57	3°23	W26
T 27	6 53 41	13°50'10	24°12	1°11	27° 8	3° 6	25°59	8°17	25° 8	20°48	19°22	11°30	10° 7	8° 4	3°28	T 27
F 28	6 57 37	14°51'17	7♊18	1°22	26°46	3°45	25°55	8°13	25°11	20°50	19°23	11°27	10° 4	8°11	3°32	F 28
S 29	7 1 34	15°52'24	20°12	1°R23	26°26	4°24	25°52	8°10	25°14	20°52	19°24	11°21	10° 1	8°17	3°37	S 29
S 30	7 5 30	16°53'30	2♋57	1°11	26° 9	5° 3	25°50	8° 7	25°18	20°54	19°25	11°13	9°58	8°24	3°42	S 30
M31	7 9 27	17♑54'35	15♋31	0♒49	25♐54	5♈42	25♉47	8♊ 3	25♑21	20♐56	19♓26	11♏ 1	9♏55	8♍31	3♒46	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22s55	19n46	2s27	25s36	2s 6	23s29	0s21	5s56	0s39	19n 1	0s52	20n23	1s41	21s57	0s31	21s54	1n15	19s 5	16s 8	15s49	15s20	5n16	13s42	6n19
S 2	23 1	19 59	3 25	25 39	2 8	23 17	0 7	5 40	0 38	19 0	0 52	20 23	1 41	21 56	0 31	21 54	1 15	19 4	16 8	15 47	15 19	5 14	13 41	6 19
M 3	23 6	19 9	4 12	25 41	2 10	23 4	0n 7	5 24	0 36	18 58	0 51	20 22	1 41	21 56	0 31	21 54	1 15	19 4	16 8	15 45	15 18	5 12	13 41	6 19
T 4	23 10	17 23	4 45	25 41	2 11	22 50	0 22	5 8	0 34	18 57	0 51	20 21	1 41	21 55	0 31	21 54	1 15	19 3	16 7	15 43	15 17	5 10	13 40	6 18
W 5	23 15	14 51	5 4	25 40	2 12	22 37	0 37	4 51	0 33	18 56	0 51	20 21	1 41	21 55	0 31	21 54	1 15	19 3	16 7	15 41	15 16	5 7	13 39	6 18
T 6	23 18	11 43	5 10	25 37	2 12	22 23	0 52	4 35	0 31	18 54	0 51	20 20	1 41	21 54	0 31	21 55	1 15	19 3	16 7	15 39	15 15	5 5	13 39	6 18
F 7	23 22	8 9	5 1	25 32	2 12	22 10	1 7	4 18	0 29	18 53	0 51	20 20	1 40	21 54	0 31	21 55	1 15	19 2	16 6	15 38	15 14	5 3	13 38	6 18
S 8	23 25	4 18	4 40	25 26	2 11	21 56	1 23	4 2	0 28	18 52	0 50	20 19	1 40	21 53	0 31	21 55	1 15	19 2	16 6	15 36	15 13	5 1	13 38	6 17
S 9	23 27	0 17	4 6	25 18	2 10	21 42	1 39	3 46	0 26	18 50	0 50	20 19	1 40	21 53	0 31	21 55	1 15	19 1	16 6	15 36	15 12	4 59	13 37	6 17
M10	23 29	3s46	3 22	25 9	2 9	21 28	1 54	3 29	0 25	18 49	0 50	20 18	1 40	21 52	0 31	21 55	1 15	19 1	16 5	15 36	15 11	4 57	13 36	6 17
T 11	23 30	7 43	2 29	24 58	2 6	21 14	2 10	3 13	0 23	18 48	0 50	20 17	1 40	21 51	0 31	21 55	1 15	19 0	16 5	15 36	15 10	4 55	13 36	6 17
W12	23 31	11 26	1 28	24 45	2 3	20 59	2 26	2 56	0 22	18 47	0 50	20 17	1 40	21 51	0 31	21 56	1 15	19 0	16 5	15 37	15 9	4 53	13 35	6 16
T 13	23 31	14 44	0 21	24 31	2 0	20 45	2 41	2 40	0 20	18 46	0 49	20 16	1 39	21 50	0 31	21 56	1 15	18 59	16 4	15 37	15 8	4 51	13 34	6 16
F 14	23 31	17 24	0n49	24 15	1 55	20 31	2 56	2 23	0 19	18 45	0 49	20 16	1 39	21 50	0 31	21 56	1 15	18 59	16 4	15 37	15 7	4 49	13 34	6 16
S 15	23 31	19 14	1 58	23 58	1 50	20 17	3 11	2 7	0 17	18 44	0 49	20 15	1 39	21 49	0 31	21 56	1 15	18 58	16 3	15 36	15 6	4 46	13 33	6 16
S 16	23 30	20 1	3 2	23 40	1 44	20 4	3 26	1 50	0 16	18 43	0 49	20 15	1 39	21 49	0 31	21 56	1 15	18 58	16 3	15 35	15 5	4 44	13 32	6 15
M17	23 28	19 34	3 56	23 20	1 37	19 50	3 40	1 33	0 15	18 42	0 48	20 14	1 39	21 48	0 31	21 56	1 15	18 57	16 3	15 33	15 4	4 42	13 32	6 15
T 18	23 27	17 51	4 37	22 59	1 29	19 37	3 54	1 17	0 13	18 41	0 48	20 14	1 39	21 47	0 31	21 57	1 15	18 57	16 2	15 30	15 3	4 40	13 31	6 15
W19	23 24	14 59	5 1	22 37	1 21	19 24	4 7	1 0	0 12	18 40	0 48	20 13	1 38	21 47	0 31	21 57	1 15	18 56	16 2	15 27	15 2	4 38	13 30	6 15
T 20	23 21	11 10	5 5	22 14	1 11	19 12	4 20	0 44	0 10	18 39	0 48	20 13	1 38	21 46	0 31	21 57	1 15	18 56	16 2	15 25	15 1	4 36	13 29	6 15
F 21	23 18	6 41	4 48	21 51	1 0	19 0	4 32	0 27	0 9	18 38	0 47	20 13	1 38	21 46	0 31	21 57	1 15	18 55	16 1	15 22	15 0	4 34	13 29	6 14
S 22	23 14	1 52	4 14	21 27	0 48	18 48	4 43	0 10	0 8	18 38	0 47	20 12	1 38	21 45	0 31	21 57	1 15	18 55	16 1	15 21	14 59	4 32	13 28	6 14
S 23	23 10	2n59	3 24	21 3	0 35	18 37	4 54	0n 6	0 7	18 37	0 47	20 12	1 38	21 44	0 31	21 57	1 15	18 54	16 1	15 20	14 58	4 30	13 27	6 14
M24	23 5	7 36	2 23	20 40	0 22	18 27	5 4	0 23	0 5	18 36	0 47	20 11	1 38	21 44	0 31	21 57	1 15	18 54	16 1	15 20	14 57	4 28	13 26	6 14
T 25	23 0	11 45	1 15	20 16	0 7	18 17	5 13	0 40	0 4	18 36	0 46	20 11	1 37	21 43	0 31	21 58	1 15	18 53	16 0	15 20	14 56	4 25	13 25	6 14
W26	22 54	15 12	0 3	19 54	0n 9	18 8	5 22	0 56	0 3	18 35	0 46	20 11	1 37	21 42	0 31	21 58	1 15	18 53	16 0	15 20	14 55	4 23	13 24	6 13
T 27	22 48	17 48	1s 7	19 32	0 26	18 0	5 30	1 13	0 2	18 34	0 46	20 10	1 37	21 42	0 31	21 58	1 15	18 52	16 0	15 20	14 54	4 21	13 24	6 13
F 28	22 42	19 25	2 13	19 13	0 44	17 52	5 37	1 29	0 0	18 34	0 46	20 10	1 37	21 41	0 31	21 58	1 15	18 51	15 59	15 19	14 53	4 19	13 23	6 13
S 29	22 35	20 0	3 11	18 55	1 2	17 45	5 43	1 46	0n 1	18 33	0 45	20 10	1 37	21 41	0 31	21 58	1 15	18 51	15 59	15 17	14 52	4 17	13 22	6 13
S 30	22 27	19 32	3 58	18 39	1 21	17 39	5 49	2 3	0 2	18 33	0 45	20 9	1 36	21 40	0 31	21 58	1 15	18 50	15 59	15 15	14 51	4 15	13 21	6 13
M31	22s19	18n 6	4s33	18s26	1n40	17s33	5n54	2n19	0n 3	18n33	0s45	20n 9	1s36	21s39	0s31	21s58	1n15	18s50	15s58	15s11	14s50	4n13	13s20	6n13

Julian Day Number = 2204983.5, Delta T = 09m46s
Ecliptic obliquity = 23°31'29, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°19'29, Lahiri = 14°26'29 Julian Calendar 1 Dec. 1324 == Greg. Calendar 9 Dec. 1324

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1325
geocentric

JANUARY 1325 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	7 13 24	18♉55'40	27♋54	0°R14	25°R41	6♈21	25°R45	8°R 0	25♉25	20♐58	19♓26	10°R49	9♏52	8♍37	3♒51	T 1
W 2	7 17 20	19°56'44	10♌ 8	29♉29	25♐31	7° 0	25♉43	7♊57	25°28	21° 0	19°27	10♏35	9°48	8°44	3°55	W 2
T 3	7 21 17	20°57'47	22°12	28°34	25°23	7°39	25°41	7°54	25°32	21° 2	19°28	10°23	9°45	8°51	4° 0	T 3
F 4	7 25 13	21°58'50	4♍ 8	27°30	25°18	8°18	25°39	7°51	25°36	21° 4	19°29	10°12	9°42	8°58	4° 5	F 4
S 5	7 29 10	22°59'52	15°59	26°20	25°15	8°57	25°38	7°49	25°39	21° 6	19°30	10° 3	9°39	9° 4	4° 9	S 5
S 6	7 33 6	24° 0'54	27°48	25° 6	25°D15	9°36	25°36	7°46	25°43	21° 8	19°31	9°57	9°36	9°11	4°14	S 6
M 7	7 37 3	25° 1'55	9♎40	23°50	25°17	10°15	25°35	7°43	25°46	21°10	19°32	9°54	9°33	9°18	4°18	M 7
T 8	7 40 59	26° 2'55	21°39	22°34	25°22	10°54	25°34	7°41	25°50	21°12	19°33	9°D53	9°29	9°24	4°23	T 8
W 9	7 44 56	27° 3'55	3♏50	21°20	25°29	11°33	25°34	7°39	25°53	21°14	19°34	9°R53	9°26	9°31	4°28	W 9
T 10	7 48 52	28° 4'54	16°20	20°11	25°38	12°12	25°33	7°36	25°57	21°16	19°35	9°53	9°23	9°38	4°32	T 10
F 11	7 52 49	29° 5'52	29°12	19° 8	25°50	12°51	25°33	7°34	26° 0	21°18	19°36	9°52	9°20	9°44	4°37	F 11
S 12	7 56 46	0♒ 6'50	12♐32	18°12	26° 3	13°30	25°D33	7°32	26° 4	21°20	19°37	9°48	9°17	9°51	4°42	S 12
S 13	8 0 42	1° 7'47	26°21	17°24	26°19	14° 9	25°33	7°30	26° 7	21°22	19°38	9°42	9°13	9°58	4°46	S 13
M14	8 4 39	2° 8'43	10♑38	16°44	26°37	14°49	25°33	7°28	26°11	21°24	19°39	9°33	9°10	10° 5	4°51	M14
T 15	8 8 35	3° 9'38	25°19	16°13	26°57	15°28	25°34	7°27	26°14	21°25	19°40	9°22	9° 7	10°11	4°56	T 15
W16	8 12 32	4°10'32	10♒18	15°50	27°18	16° 7	25°34	7°25	26°18	21°27	19°41	9°10	9° 4	10°18	5° 1	W16
T 17	8 16 28	5°11'25	25°24	15°36	27°42	16°46	25°35	7°24	26°21	21°29	19°42	8°58	9° 1	10°25	5° 5	T 17
F 18	8 20 25	6°12'16	10♓27	15°D30	28° 7	17°26	25°36	7°22	26°25	21°31	19°44	8°48	8°58	10°31	5°10	F 18
S 19	8 24 22	7°13'06	25°18	15°31	28°34	18° 5	25°38	7°21	26°28	21°32	19°45	8°41	8°54	10°38	5°15	S 19
S 20	8 28 18	8°13'55	9♈50	15°40	29° 3	18°44	25°39	7°20	26°32	21°34	19°46	8°37	8°51	10°45	5°19	S 20
M21	8 32 15	9°14'41	24° 0	15°55	29°33	19°23	25°41	7°19	26°35	21°36	19°47	8°35	8°48	10°51	5°24	M21
T 22	8 36 11	10°15'27	7♉47	16°17	0♊ 4	20° 3	25°43	7°18	26°39	21°37	19°48	8°35	8°45	10°58	5°29	T 22
W23	8 40 8	11°16'10	21°13	16°44	0°38	20°42	25°45	7°17	26°42	21°39	19°50	8°34	8°42	11° 5	5°33	W23
T 24	8 44 4	12°16'52	4♊20	17°16	1°12	21°21	25°48	7°16	26°45	21°41	19°51	8°33	8°39	11°12	5°38	T 24
F 25	8 48 1	13°17'32	17°11	17°53	1°48	22° 0	25°50	7°15	26°49	21°42	19°52	8°30	8°35	11°18	5°43	F 25
S 26	8 51 57	14°18'11	29°49	18°35	2°25	22°40	25°53	7°15	26°52	21°44	19°53	8°23	8°32	11°25	5°47	S 26
S 27	8 55 54	15°18'48	12♋16	19°20	3° 4	23°19	25°56	7°15	26°56	21°45	19°55	8°14	8°29	11°32	5°52	S 27
M28	8 59 51	16°19'23	24°34	20° 9	3°43	23°58	25°59	7°14	26°59	21°47	19°56	8° 2	8°26	11°38	5°57	M28
T 29	9 3 47	17°19'57	6♌44	21° 2	4°24	24°38	26° 2	7°14	27° 2	21°48	19°57	7°48	8°23	11°45	6° 1	T 29
W30	9 7 44	18°20'29	18°48	21°58	5° 6	25°17	26° 6	7°D14	27° 6	21°50	19°59	7°33	8°19	11°52	6° 6	W30
T 31	9 11 40	19♒20'59	0♍45	22♉57	5♉49	25♈56	26♉ 9	7♊14	27♉ 9	21♐51	20♓ 0	7♏19	8♏16	11♍58	6♒10	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	22s11	15n51	4s54	18s15	1n58	17s29	5n59	2n36	0n 4	18n32	0s45	20n 9	1s36	21s39	0s31	21s59	1n15	18s49	15s58	15s 7	14s49	4n11	13s19	6n13	
W 2	22 2	12 56	5 1	18 7	2 16	17 25	6 3	2 52	0 5	18 32	0 44	20 8	1 36	21 38	0 31	21 59	1 15	18 48	15 58	15 3	14 48	4 9	13 18	6 13	
T 3	21 53	9 30	4 55	18 2	2 33	17 21	6 6	3 9	0 7	18 32	0 44	20 8	1 35	21 37	0 31	21 59	1 15	18 48	15 57	14 59	14 47	4 7	13 17	6 12	
F 4	21 43	5 44	4 36	17 59	2 48	17 18	6 8	3 25	0 8	18 32	0 44	20 8	1 35	21 37	0 31	21 59	1 15	18 47	15 57	14 56	14 46	4 5	13 16	6 12	
S 5	21 33	1 47	4 5	17 59	3 2	17 16	6 10	3 41	0 9	18 32	0 44	20 8	1 35	21 36	0 31	21 59	1 15	18 47	15 57	14 53	14 45	4 2	13 15	6 12	
S 6	21 23	2s14	3 23	18 1	3 14	17 15	6 12	3 58	0 10	18 32	0 43	20 7	1 35	21 35	0 31	21 59	1 15	18 46	15 57	14 51	14 44	4 0	13 14	6 12	
M 7	21 12	6 11	2 33	18 5	3 23	17 14	6 13	4 14	0 11	18 32	0 43	20 7	1 35	21 35	0 31	21 59	1 15	18 45	15 56	14 50	14 43	3 58	13 13	6 12	
T 8	21 1	9 56	1 35	18 11	3 30	17 14	6 13	4 31	0 12	18 32	0 43	20 7	1 34	21 34	0 31	21 59	1 15	18 45	15 56	14 50	14 42	3 56	13 12	6 12	
W 9	20 49	13 21	0 32	18 18	3 34	17 14	6 13	4 47	0 13	18 32	0 43	20 7	1 34	21 33	0 31	21 59	1 15	18 44	15 56	14 50	14 41	3 54	13 11	6 12	
T 10	20 37	16 14	0n34	18 27	3 36	17 15	6 13	5 3	0 14	18 32	0 42	20 7	1 34	21 33	0 31	22 0	1 15	18 43	15 55	14 50	14 40	3 52	13 10	6 12	
F 11	20 25	18 25	1 40	18 36	3 35	17 16	6 12	5 19	0 15	18 32	0 42	20 7	1 34	21 32	0 31	22 0	1 15	18 43	15 55	14 49	14 39	3 50	13 9	6 12	
S 12	20 12	19 41	2 44	18 46	3 33	17 17	6 11	5 36	0 16	18 32	0 42	20 7	1 33	21 31	0 31	22 0	1 15	18 42	15 55	14 48	14 38	3 48	13 8	6 12	
S 13	19 59	19 49	3 39	18 57	3 28	17 20	6 9	5 52	0 17	18 32	0 42	20 6	1 33	21 31	0 31	22 0	1 15	18 41	15 55	14 46	14 37	3 46	13 7	6 12	
M14	19 45	18 43	4 23	19 8	3 22	17 22	6 7	6 8	0 18	18 33	0 41	20 6	1 33	21 30	0 31	22 0	1 15	18 41	15 54	14 43	14 36	3 44	13 6	6 12	
T 15	19 31	16 22	4 51	19 19	3 15	17 25	6 5	6 24	0 19	18 33	0 41	20 6	1 33	21 29	0 31	22 0	1 15	18 40	15 54	14 40	14 35	3 41	13 5	6 12	
W16	19 17	12 54	5 0	19 30	3 6	17 28	6 2	6 40	0 20	18 34	0 41	20 6	1 32	21 29	0 31	22 0	1 15	18 39	15 54	14 36	14 34	3 39	13 4	6 12	
T 17	19 2	8 35	4 48	19 41	2 56	17 31	5 59	6 56	0 21	18 34	0 41	20 6	1 32	21 28	0 31	22 0	1 15	18 39	15 54	14 32	14 33	3 37	13 3	6 12	
F 18	18 47	3 43	4 16	19 52	2 46	17 35	5 56	7 12	0 22	18 35	0 40	20 6	1 32	21 27	0 31	22 0	1 15	18 38	15 54	14 29	14 32	3 35	13 2	6 12	
S 19	18 32	1n17	3 27	20 3	2 36	17 38	5 53	7 28	0 22	18 35	0 40	20 6	1 32	21 27	0 31	22 0	1 15	18 37	15 53	14 27	14 31	3 33	13 1	6 12	
S 20	18 16	6 8	2 26	20 13	2 24	17 42	5 49	7 43	0 23	18 36	0 40	20 6	1 31	21 26	0 31	22 1	1 15	18 37	15 53	14 25	14 30	3 31	13 0	6 12	
M21	18 0	10 31	1 16	20 22	2 13	17 46	5 45	7 59	0 24	18 36	0 40	20 7	1 31	21 26	0 31	22 1	1 15	18 36	15 53	14 25	14 29	3 29	12 59	6 12	
T 22	17 44	14 13	0 4	20 31	2 2	17 50	5 41	8 15	0 25	18 37	0 39	20 7	1 31	21 25	0 31	22 1	1 15	18 35	15 53	14 25	14 28	3 27	12 57	6 12	
W23	17 27	17 4	1s 6	20 39	1 50	17 55	5 37	8 31	0 26	18 38	0 39	20 7	1 31	21 24	0 31	22 1	1 15	18 35	15 52	14 25	14 27	3 25	12 56	6 12	
T 24	17 11	18 56	2 12	20 47	1 38	17 59	5 32	8 46	0 27	18 39	0 39	20 7	1 30	21 24	0 31	22 1	1 15	18 34	15 52	14 24	14 26	3 23	12 55	6 12	
F 25	16 53	19 46	3 9	20 53	1 27	18 3	5 28	9 2	0 27	18 39	0 39	20 7	1 30	21 23	0 31	22 1	1 15	18 33	15 52	14 23	14 25	3 21	12 54	6 12	
S 26	16 36	19 36	3 55	20 59	1 15	18 7	5 23	9 17	0 28	18 40	0 38	20 7	1 30	21 22	0 31	22 1	1 15	18 33	15 52	14 21	14 24	3 18	12 53	6 12	
S 27	16 18	18 28	4 30	21 4	1 4	18 11	5 18	9 32	0 29	18 41	0 38	20 7	1 30	21 22	0 31	22 1	1 15	18 32	15 52	14 18	14 23	3 16	12 52	6 12	
M28	16 0	16 30	4 52	21 8	0 53	18 15	5 13	9 48	0 30	18 42	0 38	20 8	1 29	21 21	0 31	22 1	1 15	18 31	15 51	14 14	14 22	3 14	12 51	6 12	
T 29	15 42	13 49	5 0	21 11	0 42	18 19	5 8	10 3	0 31	18 43	0 38	20 8	1 29	21 20	0 31	22 1	1 15	18 31	15 51	14 10	14 21	3 12	12 49	6 12	
W30	15 23	10 35	4 54	21 12	0 32	18 23	5 3	10 18	0 31	18 44	0 38	20 8	1 29	21 20	0 31	22 1	1 15	18 30	15 51	14 5	14 20	3 10	12 48	6 12	
T 31	15s 4	6n57	4s36	21s13	0n21	18s27	4n57	10n33	0n32	18n45	0s37	20n 8	1s29	21s19	0s31	22s 1	1n15	18s29	15s51	14s 0	14s19	3n 8	12s47	6n12	

Julian Day Number = 2205014.5, Delta T = 09m46s
Ecliptic obliquity = 23°31'29, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°19'33, Lahiri = 14°26'33 Julian Calendar 1 Jan. 1325 == Greg. Calendar 9 Jan. 1325

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ASTRODIENST EPHEMERIS for the year 1325
geocentric

FEBRUARY 1325 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	9 15 37	20♒21'28	12♍38	23♑58	6♑33	26♈35	26♉13	7♊14	27♑12	21♐53	20♓ 1	7°R 7	8♏13	12♍ 5	6♒15	F 1
S 2	9 19 33	21°21'55	24°28	25° 2	7°18	27°15	26°17	7°15	27°16	21°54	20° 3	6♏57	8°10	12°12	6°20	S 2
S 3	9 23 30	22°22'21	6♎17	26° 8	8° 4	27°54	26°22	7°15	27°19	21°55	20° 4	6°50	8° 7	12°19	6°24	S 3
M 4	9 27 26	23°22'45	18° 9	27°17	8°51	28°33	26°26	7°16	27°22	21°57	20° 5	6°46	8° 4	12°25	6°29	M 4
T 5	9 31 23	24°23'08	0♏ 8	28°27	9°39	29°12	26°31	7°16	27°25	21°58	20° 7	6°45	8° 0	12°32	6°33	T 5
W 6	9 35 19	25°23'30	12°17	29°39	10°27	29°52	26°35	7°17	27°29	21°59	20° 8	6°D45	7°57	12°39	6°38	W 6
T 7	9 39 16	26°23'50	24°43	0♒54	11°16	0♉31	26°40	7°18	27°32	22° 1	20° 9	6°R45	7°54	12°45	6°42	T 7
F 8	9 43 13	27°24'08	7♐31	2° 9	12° 7	1°10	26°45	7°19	27°35	22° 2	20°11	6°44	7°51	12°52	6°47	F 8
S 9	9 47 9	28°24'25	20°44	3°27	12°58	1°49	26°51	7°20	27°38	22° 3	20°12	6°42	7°48	12°59	6°51	S 9
S 10	9 51 6	29°24'41	4♑26	4°46	13°49	2°29	26°56	7°21	27°41	22° 4	20°14	6°38	7°44	13° 5	6°55	S 10
M11	9 55 2	0♓24'55	18°39	6° 6	14°41	3° 8	27° 2	7°22	27°44	22° 5	20°15	6°31	7°41	13°12	7° 0	M11
T 12	9 58 59	1°25'08	3♒19	7°28	15°34	3°47	27° 7	7°24	27°48	22° 6	20°17	6°22	7°38	13°19	7° 4	T 12
W13	10 2 55	2°25'19	18°22	8°52	16°28	4°26	27°13	7°25	27°51	22° 7	20°18	6°12	7°35	13°26	7° 9	W13
T 14	10 6 52	3°25'27	3♓38	10°16	17°22	5° 5	27°20	7°27	27°54	22° 8	20°19	6° 2	7°32	13°32	7°13	T 14
F 15	10 10 48	4°25'34	18°56	11°42	18°17	5°45	27°26	7°29	27°57	22° 9	20°21	5°54	7°29	13°39	7°17	F 15
S 16	10 14 45	5°25'39	4♈ 4	13° 9	19°12	6°24	27°32	7°31	28° 0	22°10	20°22	5°48	7°25	13°46	7°21	S 16
S 17	10 18 42	6°25'42	18°55	14°38	20° 8	7° 3	27°39	7°33	28° 3	22°11	20°24	5°44	7°22	13°52	7°26	S 17
M18	10 22 38	7°25'43	3♉21	16° 8	21° 4	7°42	27°46	7°35	28° 5	22°12	20°25	5°D43	7°19	13°59	7°30	M18
T 19	10 26 35	8°25'42	17°20	17°38	22° 1	8°21	27°53	7°37	28° 8	22°13	20°27	5°43	7°16	14° 6	7°34	T 19
W20	10 30 31	9°25'38	0♊53	19°10	22°58	9° 1	28° 0	7°39	28°11	22°14	20°28	5°44	7°13	14°12	7°38	W20
T 21	10 34 28	10°25'33	14° 2	20°44	23°56	9°40	28° 7	7°42	28°14	22°15	20°30	5°R44	7°10	14°19	7°42	T 21
F 22	10 38 24	11°25'25	26°50	22°18	24°54	10°19	28°14	7°44	28°17	22°15	20°31	5°43	7° 6	14°26	7°46	F 22
S 23	10 42 21	12°25'14	9♋21	23°54	25°53	10°58	28°22	7°47	28°20	22°16	20°33	5°39	7° 3	14°33	7°51	S 23
S 24	10 46 17	13°25'02	21°39	25°31	26°52	11°37	28°29	7°49	28°22	22°17	20°34	5°34	7° 0	14°39	7°55	S 24
M25	10 50 14	14°24'47	3♌47	27° 9	27°51	12°16	28°37	7°52	28°25	22°18	20°36	5°26	6°57	14°46	7°59	M25
T 26	10 54 11	15°24'30	15°47	28°48	28°51	12°56	28°45	7°55	28°28	22°18	20°37	5°17	6°54	14°53	8° 3	T 26
W27	10 58 7	16°24'11	27°43	0♓28	29°51	13°35	28°53	7°58	28°30	22°19	20°39	5° 7	6°50	14°59	8° 6	W27
T 28	11 2 4	17♓23'50	9♍35	2♓10	0♒52	14♉14	29♉ 1	8♊ 1	28♑33	22♐19	20♓40	4♏57	6♏47	15♍ 6	8♒10	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	14s45	3n 4	4s 5	21s12	0n11	18s30	4n52	10n48	0n33	18n47	0s37	20n 8	1s29	21s18	0s32	22s 1	1n15	18s29	15s51	13s56	14s18	3n 6	12s46	6n12	F 1
S 2	14 26	0s55	3 24	21 11	0 2	18 33	4 46	11 3	0 34	18 48	0 37	20 9	1 28	21 18	0 32	22 1	1 15	18 28	15 51	13 53	14 17	3 4	12 45	6 12	S 2
S 3	14 6	4 52	2 34	21 8	0s 8	18 36	4 41	11 18	0 34	18 49	0 37	20 9	1 28	21 17	0 32	22 2	1 15	18 27	15 50	13 51	14 16	3 2	12 44	6 12	S 3
M 4	13 46	8 38	1 37	21 4	0 17	18 39	4 35	11 33	0 35	18 50	0 36	20 9	1 28	21 17	0 32	22 2	1 15	18 27	15 50	13 49	14 15	3 0	12 42	6 12	M 4
T 5	13 26	12 6	0 35	20 58	0 26	18 42	4 29	11 47	0 36	18 51	0 36	20 10	1 28	21 16	0 32	22 2	1 15	18 26	15 50	13 49	14 14	2 58	12 41	6 12	T 5
W 6	13 6	15 7	0n29	20 52	0 35	18 44	4 23	12 2	0 36	18 53	0 36	20 10	1 27	21 15	0 32	22 2	1 15	18 25	15 50	13 49	14 13	2 56	12 40	6 13	W 6
T 7	12 46	17 30	1 34	20 44	0 43	18 46	4 18	12 16	0 37	18 54	0 36	20 11	1 27	21 15	0 32	22 2	1 15	18 24	15 50	13 49	14 12	2 53	12 39	6 13	T 7
F 8	12 25	19 5	2 36	20 34	0 51	18 48	4 12	12 31	0 38	18 56	0 35	20 11	1 27	21 14	0 32	22 2	1 15	18 24	15 50	13 49	14 11	2 51	12 38	6 13	F 8
S 9	12 4	19 41	3 32	20 24	0 58	18 49	4 6	12 45	0 39	18 57	0 35	20 11	1 27	21 14	0 32	22 2	1 15	18 23	15 50	13 48	14 10	2 49	12 36	6 13	S 9
S 10	11 43	19 10	4 17	20 12	1 6	18 50	4 0	12 59	0 39	18 58	0 35	20 12	1 26	21 13	0 32	22 2	1 15	18 22	15 50	13 47	14 8	2 47	12 35	6 13	S 10
M11	11 22	17 27	4 49	19 59	1 13	18 51	3 54	13 13	0 40	19 0	0 35	20 12	1 26	21 12	0 32	22 2	1 16	18 22	15 49	13 44	14 7	2 45	12 34	6 13	M11
T 12	11 0	14 34	5 3	19 45	1 19	18 51	3 47	13 27	0 40	19 2	0 35	20 13	1 26	21 12	0 32	22 2	1 16	18 21	15 49	13 41	14 6	2 43	12 33	6 13	T 12
W13	10 39	10 40	4 57	19 29	1 25	18 51	3 41	13 41	0 41	19 3	0 34	20 13	1 26	21 11	0 32	22 2	1 16	18 20	15 49	13 38	14 5	2 41	12 32	6 14	W13
T 14	10 17	6 2	4 29	19 12	1 31	18 50	3 35	13 55	0 42	19 5	0 34	20 14	1 25	21 11	0 32	22 2	1 16	18 20	15 49	13 35	14 4	2 39	12 30	6 14	T 14
F 15	9 55	0 59	3 43	18 53	1 37	18 49	3 29	14 9	0 42	19 6	0 34	20 14	1 25	21 10	0 32	22 2	1 16	18 19	15 49	13 32	14 3	2 37	12 29	6 14	F 15
S 16	9 33	4n 5	2 41	18 33	1 42	18 48	3 23	14 23	0 43	19 8	0 34	20 15	1 25	21 9	0 32	22 2	1 16	18 18	15 49	13 30	14 2	2 35	12 28	6 14	S 16
S 17	9 11	8 48	1 29	18 12	1 47	18 46	3 17	14 36	0 43	19 10	0 33	20 15	1 25	21 9	0 32	22 2	1 16	18 18	15 49	13 29	14 1	2 33	12 27	6 14	S 17
M18	8 49	12 52	0 13	17 50	1 51	18 44	3 11	14 49	0 44	19 11	0 33	20 16	1 24	21 8	0 32	22 2	1 16	18 17	15 49	13 28	14 0	2 31	12 25	6 14	M18
T 19	8 26	16 5	1s 2	17 26	1 55	18 41	3 4	15 3	0 45	19 13	0 33	20 17	1 24	21 8	0 32	22 2	1 16	18 16	15 49	13 29	13 59	2 29	12 24	6 15	T 19
W20	8 4	18 17	2 11	17 1	1 59	18 38	2 58	15 16	0 45	19 15	0 33	20 17	1 24	21 7	0 32	22 2	1 16	18 16	15 49	13 29	13 58	2 26	12 23	6 15	W20
T 21	7 41	19 25	3 10	16 34	2 2	18 34	2 52	15 29	0 46	19 17	0 33	20 18	1 24	21 7	0 32	22 2	1 16	18 15	15 49	13 29	13 57	2 24	12 22	6 15	T 21
F 22	7 18	19 30	3 59	16 6	2 5	18 30	2 46	15 42	0 46	19 19	0 32	20 18	1 23	21 6	0 32	22 2	1 16	18 15	15 49	13 28	13 56	2 22	12 21	6 15	F 22
S 23	6 55	18 37	4 35	15 36	2 8	18 26	2 40	15 55	0 47	19 21	0 32	20 19	1 23	21 5	0 32	22 2	1 16	18 14	15 49	13 27	13 55	2 20	12 19	6 15	S 23
S 24	6 32	16 53	4 57	15 6	2 10	18 21	2 34	16 7	0 47	19 22	0 32	20 20	1 23	21 5	0 32	22 2	1 16	18 13	15 48	13 25	13 54	2 18	12 18	6 16	S 24
M25	6 9	14 25	5 6	14 34	2 11	18 15	2 28	16 20	0 48	19 24	0 32	20 20	1 23	21 4	0 32	22 2	1 16	18 13	15 48	13 23	13 53	2 16	12 17	6 16	M25
T 26	5 46	11 22	5 1	14 0	2 12	18 9	2 22	16 33	0 48	19 26	0 32	20 21	1 22	21 4	0 32	22 2	1 16	18 12	15 48	13 20	13 52	2 14	12 16	6 16	T 26
W27	5 23	7 53	4 43	13 25	2 13	18 3	2 16	16 45	0 49	19 28	0 31	20 22	1 22	21 3	0 32	22 2	1 16	18 11	15 48	13 16	13 51	2 12	12 15	6 16	W27
T 28	5s 0	4n 6	4s13	12s49	2s13	17s56	2n10	16n57	0n49	19n30	0s31	20n23	1s22	21s 3	0s32	22s 2	1n16	18s11	15s48	13s13	13s50	2n10	12s13	6n17	T 28

Julian Day Number = 2205045.5, Delta T = 09m46s
Ecliptic obliquity = 23°31'30, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°19'37, Lahiri = 14°26'38 Julian Calendar 1 Feb. 1325 == Greg. Calendar 9 Feb. 1325

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ASTRODIENST EPHEMERIS for the year 1325
geocentric

MARCH 1325 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	11 6 0	18♓23'26	21♍26	3♓53	1♒53	14♉53	29♉10	8♊ 5	28♋36	22♐20	20♓42	4°R49	6♏44	15♍13	8♒14	F 1
S 2	11 9 57	19°23'01	3♎16	5°37	2°54	15°32	29°18	8° 8	28°38	22°20	20°43	4♏43	6°41	15°19	8°18	S 2
S 3	11 13 53	20°22'34	15° 9	7°22	3°55	16°11	29°27	8°11	28°41	22°21	20°45	4°39	6°38	15°26	8°22	S 3
M 4	11 17 50	21°22'04	27° 6	9° 9	4°57	16°50	29°36	8°15	28°43	22°21	20°46	4°37	6°35	15°33	8°25	M 4
T 5	11 21 46	22°21'33	9♏10	10°57	5°59	17°29	29°44	8°18	28°46	22°22	20°48	4°D36	6°31	15°39	8°29	T 5
W 6	11 25 43	23°21'00	21°24	12°46	7° 2	18° 8	29°53	8°22	28°48	22°22	20°49	4°37	6°28	15°46	8°33	W 6
T 7	11 29 40	24°20'25	3♐52	14°37	8° 5	18°47	0♊ 2	8°26	28°50	22°23	20°51	4°39	6°25	15°53	8°36	T 7
F 8	11 33 36	25°19'49	16°39	16°29	9° 8	19°26	0°12	8°30	28°53	22°23	20°52	4°40	6°22	16° 0	8°40	F 8
S 9	11 37 33	26°19'10	29°48	18°22	10°11	20° 5	0°21	8°34	28°55	22°23	20°54	4°R40	6°19	16° 6	8°43	S 9
S 10	11 41 29	27°18'30	13♑22	20°16	11°15	20°44	0°30	8°38	28°57	22°23	20°55	4°39	6°16	16°13	8°47	S 10
M11	11 45 26	28°17'48	27°23	22°12	12°18	21°23	0°40	8°42	28°59	22°24	20°57	4°37	6°12	16°20	8°50	M11
T 12	11 49 22	29°17'05	11♒51	24° 9	13°22	22° 2	0°50	8°46	29° 1	22°24	20°58	4°32	6° 9	16°26	8°54	T 12
W13	11 53 19	0♈16'19	26°42	26° 7	14°27	22°41	0°59	8°51	29° 4	22°24	21° 0	4°27	6° 6	16°33	8°57	W13
T 14	11 57 15	1°15'31	11♓48	28° 7	15°31	23°19	1° 9	8°55	29° 6	22°24	21° 1	4°23	6° 3	16°40	9° 0	T 14
F 15	12 1 12	2°14'42	27° 2	0♈ 7	16°36	23°58	1°19	9° 0	29° 8	22°24	21° 3	4°18	6° 0	16°46	9° 4	F 15
S 16	12 5 8	3°13'50	12♈12	2° 9	17°41	24°37	1°30	9° 4	29°10	22°24	21° 4	4°15	5°56	16°53	9° 7	S 16
S 17	12 9 5	4°12'57	27° 9	4°12	18°46	25°16	1°40	9° 9	29°12	22°R24	21° 6	4°D14	5°53	17° 0	9°10	S 17
M18	12 13 2	5°12'01	11♉46	6°15	19°51	25°55	1°50	9°14	29°14	22°24	21° 7	4°14	5°50	17° 6	9°13	M18
T 19	12 16 58	6°11'03	25°57	8°19	20°57	26°34	2° 1	9°18	29°15	22°24	21° 9	4°15	5°47	17°13	9°16	T 19
W20	12 20 55	7°10'02	9♊40	10°24	22° 2	27°13	2°11	9°23	29°17	22°24	21°10	4°16	5°44	17°20	9°19	W20
T 21	12 24 51	8° 9'00	22°58	12°29	23° 8	27°51	2°22	9°28	29°19	22°24	21°12	4°18	5°41	17°26	9°22	T 21
F 22	12 28 48	9° 7'55	5♋51	14°34	24°14	28°30	2°32	9°33	29°21	22°24	21°13	4°R19	5°37	17°33	9°25	F 22
S 23	12 32 44	10° 6'48	18°23	16°39	25°20	29° 9	2°43	9°39	29°22	22°23	21°15	4°18	5°34	17°40	9°28	S 23
S 24	12 36 41	11° 5'38	0♌40	18°44	26°27	29°48	2°54	9°44	29°24	22°23	21°16	4°17	5°31	17°47	9°31	S 24
M25	12 40 37	12° 4'26	12°44	20°48	27°33	0♊27	3° 5	9°49	29°26	22°23	21°18	4°15	5°28	17°53	9°33	M25
T 26	12 44 34	13° 3'12	24°40	22°51	28°40	1° 5	3°16	9°55	29°27	22°23	21°19	4°12	5°25	18° 0	9°36	T 26
W27	12 48 31	14° 1'56	6♍32	24°52	29°46	1°44	3°27	10° 0	29°29	22°22	21°20	4° 8	5°21	18° 7	9°39	W27
T 28	12 52 27	15° 0'37	18°21	26°52	0♓53	2°23	3°39	10° 6	29°30	22°22	21°22	4° 5	5°18	18°13	9°41	T 28
F 29	12 56 24	15°59'16	0♎12	28°50	2° 0	3° 1	3°50	10°11	29°32	22°22	21°23	4° 2	5°15	18°20	9°44	F 29
S 30	13 0 20	16°57'54	12° 7	0♉45	3° 8	3°40	4° 1	10°17	29°33	22°21	21°25	4° 0	5°12	18°27	9°46	S 30
S 31	13 4 17	17♈56'29	24♎ 6	2♉38	4♓15	4♊19	4♊13	10♊23	29♋34	22♐21	21♓26	3♏59	5♏ 9	18♍33	9♒49	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	4s36	0n10	3s32	12s11	2s13	17s48	2n 4	17n 9	0n50	19n32	0s31	20n23	1s22	21s 2	0s32	22s 2	1n16	18s10	15s48	13s10	13s49	2n 8	12s12	6n17
S 2	4 13	3s46	2 41	11 32	2 13	17 40	1 58	17 21	0 50	19 34	0 31	20 24	1 22	21 2	0 32	22 2	1 16	18 10	15 48	13 8	13 48	2 6	12 11	6 17
S 3	3 50	7 35	1 43	10 52	2 12	17 32	1 52	17 33	0 51	19 36	0 31	20 25	1 21	21 1	0 32	22 2	1 16	18 9	15 48	13 7	13 47	2 4	12 10	6 17
M 4	3 26	11 6	0 41	10 10	2 10	17 23	1 46	17 45	0 51	19 38	0 30	20 26	1 21	21 1	0 32	22 2	1 16	18 8	15 48	13 6	13 46	2 2	12 9	6 18
T 5	3 3	14 13	0n25	9 27	2 8	17 14	1 40	17 56	0 52	19 40	0 30	20 26	1 21	21 0	0 32	22 2	1 16	18 8	15 48	13 6	13 45	1 59	12 7	6 18
W 6	2 39	16 44	1 30	8 43	2 5	17 4	1 34	18 8	0 52	19 43	0 30	20 27	1 21	21 0	0 32	22 2	1 16	18 7	15 48	13 6	13 43	1 57	12 6	6 18
T 7	2 15	18 30	2 32	7 57	2 2	16 53	1 29	18 19	0 53	19 45	0 30	20 28	1 20	21 0	0 32	22 2	1 16	18 7	15 48	13 7	13 42	1 55	12 5	6 18
F 8	1 52	19 23	3 29	7 11	1 59	16 42	1 23	18 30	0 53	19 47	0 30	20 29	1 20	20 59	0 32	22 2	1 16	18 6	15 49	13 7	13 41	1 53	12 4	6 19
S 9	1 28	19 16	4 16	6 22	1 55	16 31	1 17	18 41	0 54	19 49	0 30	20 30	1 20	20 59	0 32	22 2	1 16	18 6	15 49	13 8	13 40	1 51	12 3	6 19
S 10	1 4	18 2	4 50	5 33	1 50	16 19	1 12	18 52	0 54	19 51	0 29	20 30	1 20	20 58	0 32	22 2	1 16	18 5	15 49	13 7	13 39	1 49	12 1	6 19
M11	0 41	15 42	5 9	4 43	1 45	16 7	1 6	19 3	0 54	19 53	0 29	20 31	1 20	20 58	0 32	22 2	1 16	18 4	15 49	13 6	13 38	1 47	12 0	6 19
T 12	0 17	12 21	5 9	3 51	1 39	15 54	1 1	19 13	0 55	19 55	0 29	20 32	1 19	20 57	0 32	22 2	1 17	18 4	15 49	13 5	13 37	1 45	11 59	6 20
W13	0n 7	8 8	4 49	2 58	1 33	15 41	0 55	19 24	0 55	19 58	0 29	20 33	1 19	20 57	0 32	22 2	1 17	18 3	15 49	13 3	13 36	1 43	11 58	6 20
T 14	0 30	3 20	4 8	2 4	1 26	15 27	0 50	19 34	0 56	20 0	0 29	20 34	1 19	20 57	0 32	22 2	1 17	18 3	15 49	13 1	13 35	1 41	11 57	6 20
F 15	0 54	1n43	3 9	1 9	1 19	15 13	0 45	19 44	0 56	20 2	0 29	20 35	1 19	20 56	0 32	22 2	1 17	18 2	15 49	13 0	13 34	1 39	11 56	6 21
S 16	1 17	6 39	1 58	0 14	1 11	14 58	0 39	19 54	0 56	20 4	0 28	20 36	1 18	20 56	0 33	22 2	1 17	18 2	15 49	12 59	13 33	1 37	11 55	6 21
S 17	1 41	11 6	0 39	0n43	1 3	14 43	0 34	20 4	0 57	20 6	0 28	20 37	1 18	20 55	0 33	22 2	1 17	18 1	15 49	12 59	13 32	1 35	11 54	6 21
M18	2 4	14 46	0s41	1 40	0 54	14 27	0 29	20 14	0 57	20 9	0 28	20 38	1 18	20 55	0 33	22 2	1 17	18 1	15 49	12 59	13 31	1 33	11 52	6 22
T 19	2 28	17 26	1 56	2 37	0 45	14 11	0 24	20 23	0 58	20 11	0 28	20 39	1 18	20 55	0 33	22 2	1 17	18 0	15 49	12 59	13 30	1 31	11 51	6 22
W20	2 51	18 58	3 2	3 35	0 35	13 55	0 19	20 33	0 58	20 13	0 28	20 40	1 18	20 54	0 33	22 2	1 17	18 0	15 49	12 59	13 29	1 29	11 50	6 22
T 21	3 15	19 24	3 56	4 34	0 25	13 38	0 14	20 42	0 58	20 16	0 27	20 40	1 17	20 54	0 33	22 2	1 17	17 59	15 49	13 0	13 28	1 26	11 49	6 23
F 22	3 38	18 47	4 37	5 32	0 15	13 20	0 10	20 51	0 59	20 18	0 27	20 41	1 17	20 54	0 33	22 2	1 17	17 59	15 50	13 0	13 27	1 24	11 48	6 23
S 23	4 1	17 16	5 3	6 30	0 4	13 3	0 5	21 0	0 59	20 20	0 27	20 42	1 17	20 53	0 33	22 2	1 17	17 58	15 50	13 0	13 26	1 22	11 47	6 23
S 24	4 24	14 58	5 14	7 28	0n 7	12 45	0 0	21 9	0 59	20 22	0 27	20 43	1 17	20 53	0 33	22 2	1 17	17 58	15 50	13 0	13 24	1 20	11 46	6 24
M25	4 47	12 4	5 11	8 25	0 18	12 26	0s 4	21 17	1 0	20 25	0 27	20 44	1 17	20 53	0 33	22 1	1 17	17 57	15 50	12 59	13 23	1 18	11 45	6 24
T 26	5 10	8 43	4 55	9 22	0 29	12 7	0 9	21 26	1 0	20 27	0 27	20 45	1 16	20 52	0 33	22 1	1 17	17 57	15 50	12 58	13 22	1 16	11 44	6 24
W27	5 33	5 2	4 26	10 17	0 40	11 48	0 13	21 34	1 0	20 29	0 27	20 46	1 16	20 52	0 33	22 1	1 17	17 56	15 50	12 57	13 21	1 14	11 43	6 25
T 28	5 56	1 9	3 46	11 12	0 51	11 28	0 18	21 42	1 1	20 31	0 26	20 47	1 16	20 52	0 33	22 1	1 17	17 56	15 50	12 56	13 20	1 12	11 42	6 25
F 29	6 19	2s46	2 56	12 4	1 3	11 8	0 22	21 50	1 1	20 34	0 26	20 48	1 16	20 52	0 33	22 1	1 17	17 56	15 51	12 55	13 19	1 10	11 41	6 26
S 30	6 41	6 37	1 58	12 55	1 13	10 48	0 26	21 58	1 1	20 36	0 26	20 49	1 16	20 51	0 33	22 1	1 17	17 55	15 51	12 54	13 18	1 8	11 40	6 26
S 31	7n 4	10s13	0s54	13n45	1n24	10s27	0s30	22n 5	1n 1	20n38	0s26	20n50	1s16	20s51	0s33	22s 1	1n17	17s55	15s51	12s54	13s17	1n 6	11s39	6n26

Julian Day Number = 2205073.5, Delta T = 09m46s
Ecliptic obliquity = 23°31'30, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°19'41, Lahiri = 14°26'41 Julian Calendar 1 March 1325 == Greg. Calendar 9 March 1325

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ASTRODIENST EPHEMERIS for the year 1325
geocentric

APRIL 1325 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	13 8 13	18♈55'02	6♏13	4♉27	5♓22	4♊57	4♊24	10♊28	29♑36	22°R20	21♓27	3°D59	5♏ 6	18♍40	9♒51	M 1
T 2	13 12 10	19°53'34	18°29	6°14	6°30	5°36	4°36	10°34	29°37	22♐20	21°29	3♏59	5° 2	18°47	9°53	T 2
W 3	13 16 6	20°52'04	0♐55	7°56	7°38	6°15	4°48	10°40	29°38	22°19	21°30	4° 0	4°59	18°53	9°56	W 3
T 4	13 20 3	21°50'32	13°35	9°35	8°45	6°53	5° 0	10°46	29°39	22°19	21°31	4° 2	4°56	19° 0	9°58	T 4
F 5	13 24 0	22°48'58	26°31	11°10	9°53	7°32	5°11	10°52	29°40	22°18	21°33	4° 3	4°53	19° 7	10° 0	F 5
S 6	13 27 56	23°47'23	9♑44	12°41	11° 1	8°10	5°23	10°59	29°41	22°17	21°34	4° 3	4°50	19°13	10° 2	S 6
S 7	13 31 53	24°45'46	23°16	14° 7	12°10	8°49	5°35	11° 5	29°42	22°17	21°35	4°R 4	4°47	19°20	10° 4	S 7
M 8	13 35 49	25°44'08	7♒ 9	15°29	13°18	9°27	5°47	11°11	29°43	22°16	21°37	4° 3	4°43	19°27	10° 6	M 8
T 9	13 39 46	26°42'28	21°23	16°47	14°26	10° 6	6° 0	11°17	29°44	22°15	21°38	4° 3	4°40	19°34	10° 8	T 9
W10	13 43 42	27°40'46	5♓54	18° 0	15°35	10°45	6°12	11°24	29°45	22°15	21°39	4° 2	4°37	19°40	10°10	W10
T 11	13 47 39	28°39'03	20°40	19° 8	16°43	11°23	6°24	11°30	29°46	22°14	21°41	4° 2	4°34	19°47	10°11	T 11
F 12	13 51 35	29°37'18	5♈34	20°11	17°52	12° 2	6°36	11°37	29°47	22°13	21°42	4° 1	4°31	19°54	10°13	F 12
S 13	13 55 32	0♉35'32	20°29	21°10	19° 1	12°40	6°49	11°43	29°47	22°12	21°43	4° 1	4°27	20° 0	10°15	S 13
S 14	13 59 28	1°33'44	5♉16	22° 3	20° 9	13°19	7° 1	11°50	29°48	22°11	21°44	4°D 1	4°24	20° 7	10°16	S 14
M15	14 3 25	2°31'54	19°49	22°51	21°18	13°57	7°14	11°56	29°48	22°11	21°45	4° 1	4°21	20°14	10°18	M15
T 16	14 7 22	3°30'03	4♊ 1	23°35	22°27	14°35	7°26	12° 3	29°49	22°10	21°47	4° 1	4°18	20°20	10°19	T 16
W17	14 11 18	4°28'09	17°49	24°13	23°36	15°14	7°39	12°10	29°49	22° 9	21°48	4°R 1	4°15	20°27	10°21	W17
T 18	14 15 15	5°26'14	1♋13	24°46	24°46	15°52	7°52	12°17	29°50	22° 8	21°49	4° 1	4°12	20°34	10°22	T 18
F 19	14 19 11	6°24'17	14°12	25°14	25°55	16°31	8° 4	12°23	29°50	22° 7	21°50	4° 1	4° 8	20°40	10°23	F 19
S 20	14 23 8	7°22'18	26°49	25°36	27° 4	17° 9	8°17	12°30	29°51	22° 6	21°51	4° 0	4° 5	20°47	10°24	S 20
S 21	14 27 4	8°20'17	9♌ 8	25°53	28°13	17°48	8°30	12°37	29°51	22° 5	21°52	4°D 0	4° 2	20°54	10°25	S 21
M22	14 31 1	9°18'14	21°13	26° 5	29°23	18°26	8°43	12°44	29°51	22° 4	21°54	4° 1	3°59	21° 0	10°26	M22
T 23	14 34 57	10°16'09	3♍ 9	26°12	0♈32	19° 4	8°56	12°51	29°51	22° 3	21°55	4° 1	3°56	21° 7	10°27	T 23
W24	14 38 54	11°14'02	14°59	26°R14	1°42	19°43	9° 9	12°58	29°52	22° 1	21°56	4° 2	3°52	21°14	10°28	W24
T 25	14 42 51	12°11'54	26°49	26°11	2°52	20°21	9°22	13° 5	29°52	22° 0	21°57	4° 2	3°49	21°20	10°29	T 25
F 26	14 46 47	13° 9'43	8♎42	26° 4	4° 1	20°59	9°35	13°13	29°R52	21°59	21°58	4° 3	3°46	21°27	10°30	F 26
S 27	14 50 44	14° 7'32	20°42	25°51	5°11	21°37	9°48	13°20	29°52	21°58	21°59	4° 4	3°43	21°34	10°31	S 27
S 28	14 54 40	15° 5'18	2♏50	25°35	6°21	22°16	10° 1	13°27	29°52	21°57	22° 0	4°R 4	3°40	21°40	10°31	S 28
M29	14 58 37	16° 3'04	15°10	25°14	7°31	22°54	10°14	13°34	29°52	21°56	22° 1	4° 4	3°37	21°47	10°32	M29
T 30	15 2 33	17♉ 0'47	27♏42	24♉51	8♈41	23♊32	10♊27	13♊41	29♑51	21♐54	22♓ 2	4♏ 3	3♏33	21♍54	10♒33	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	7n26	13s27	0n12	14n32	1n34	10s 6	0s34	22n13	1n 2	20n41	0s26	20n51	1s15	20s51	0s33	22s 1	1n17	17s54	15s51	12s53	13s16	1n 4	11s38	6n27
T 2	7 48	16 7	1 19	15 17	1 44	9 45	0 38	22 20	1 2	20 43	0 26	20 52	1 15	20 51	0 33	22 1	1 17	17 54	15 51	12 54	13 15	1 2	11 37	6 27
W 3	8 10	18 4	2 24	15 59	1 53	9 23	0 42	22 27	1 2	20 45	0 25	20 53	1 15	20 50	0 33	22 1	1 17	17 54	15 51	12 54	13 14	1 0	11 36	6 27
T 4	8 32	19 10	3 22	16 40	2 2	9 1	0 45	22 34	1 3	20 47	0 25	20 54	1 15	20 50	0 33	22 1	1 17	17 53	15 52	12 54	13 13	0 58	11 35	6 28
F 5	8 54	19 17	4 12	17 17	2 10	8 39	0 49	22 41	1 3	20 50	0 25	20 55	1 15	20 50	0 33	22 1	1 17	17 53	15 52	12 55	13 12	0 56	11 34	6 28
S 6	9 16	18 22	4 49	17 53	2 17	8 16	0 52	22 47	1 3	20 52	0 25	20 56	1 14	20 50	0 33	22 1	1 17	17 53	15 52	12 55	13 11	0 54	11 33	6 29
S 7	9 37	16 23	5 12	18 25	2 24	7 53	0 56	22 54	1 3	20 54	0 25	20 57	1 14	20 50	0 33	22 1	1 17	17 52	15 52	12 55	13 10	0 52	11 32	6 29
M 8	9 59	13 26	5 17	18 55	2 30	7 30	0 59	23 0	1 4	20 57	0 25	20 58	1 14	20 49	0 33	22 1	1 17	17 52	15 52	12 55	13 8	0 50	11 31	6 29
T 9	10 20	9 39	5 3	19 23	2 34	7 6	1 2	23 6	1 4	20 59	0 25	21 0	1 14	20 49	0 33	22 1	1 17	17 52	15 53	12 55	13 7	0 48	11 30	6 30
W10	10 41	5 12	4 30	19 47	2 38	6 43	1 6	23 12	1 4	21 1	0 24	21 1	1 14	20 49	0 33	22 0	1 17	17 51	15 53	12 55	13 6	0 45	11 30	6 30
T 11	11 2	0 22	3 38	20 9	2 41	6 19	1 9	23 17	1 4	21 3	0 24	21 2	1 14	20 49	0 33	22 0	1 17	17 51	15 53	12 54	13 5	0 43	11 29	6 31
F 12	11 23	4n32	2 32	20 29	2 44	5 55	1 12	23 23	1 5	21 6	0 24	21 3	1 13	20 49	0 33	22 0	1 18	17 51	15 53	12 54	13 4	0 41	11 28	6 31
S 13	11 43	9 11	1 15	20 46	2 45	5 30	1 15	23 28	1 5	21 8	0 24	21 4	1 13	20 49	0 33	22 0	1 18	17 50	15 53	12 54	13 3	0 39	11 27	6 31
S 14	12 4	13 13	0s 7	21 0	2 45	5 6	1 17	23 33	1 5	21 10	0 24	21 5	1 13	20 49	0 33	22 0	1 18	17 50	15 54	12 54	13 2	0 37	11 26	6 32
M15	12 24	16 22	1 27	21 11	2 44	4 41	1 20	23 38	1 5	21 12	0 24	21 6	1 13	20 49	0 34	22 0	1 18	17 50	15 54	12 54	13 1	0 35	11 25	6 32
T 16	12 44	18 25	2 39	21 21	2 42	4 16	1 23	23 43	1 6	21 14	0 24	21 7	1 13	20 48	0 34	22 0	1 18	17 50	15 54	12 54	13 0	0 33	11 25	6 33
W17	13 3	19 19	3 40	21 27	2 39	3 51	1 25	23 48	1 6	21 17	0 24	21 8	1 13	20 48	0 34	22 0	1 18	17 49	15 54	12 54	12 59	0 31	11 24	6 33
T 18	13 23	19 4	4 27	21 31	2 34	3 26	1 27	23 52	1 6	21 19	0 23	21 9	1 13	20 48	0 34	22 0	1 18	17 49	15 55	12 54	12 58	0 29	11 23	6 34
F 19	13 42	17 49	4 59	21 33	2 29	3 0	1 30	23 56	1 6	21 21	0 23	21 10	1 12	20 48	0 34	22 0	1 18	17 49	15 55	12 54	12 57	0 27	11 22	6 34
S 20	14 1	15 43	5 15	21 32	2 22	2 34	1 32	24 0	1 6	21 23	0 23	21 11	1 12	20 48	0 34	22 0	1 18	17 49	15 55	12 54	12 56	0 25	11 22	6 34
S 21	14 20	12 57	5 16	21 29	2 15	2 9	1 34	24 4	1 7	21 25	0 23	21 12	1 12	20 48	0 34	22 0	1 18	17 48	15 55	12 54	12 55	0 23	11 21	6 35
M22	14 39	9 41	5 3	21 23	2 6	1 43	1 36	24 8	1 7	21 27	0 23	21 13	1 12	20 48	0 34	22 0	1 18	17 48	15 56	12 54	12 53	0 21	11 20	6 35
T 23	14 57	6 4	4 38	21 15	1 56	1 17	1 38	24 11	1 7	21 30	0 23	21 14	1 12	20 48	0 34	21 59	1 18	17 48	15 56	12 54	12 52	0 19	11 20	6 36
W24	15 15	2 15	4 0	21 5	1 45	0 51	1 40	24 14	1 7	21 32	0 23	21 15	1 12	20 48	0 34	21 59	1 18	17 48	15 56	12 54	12 51	0 17	11 19	6 36
T 25	15 33	1s40	3 12	20 52	1 33	0 25	1 41	24 17	1 7	21 34	0 22	21 16	1 12	20 48	0 34	21 59	1 18	17 48	15 57	12 55	12 50	0 15	11 18	6 36
F 26	15 51	5 33	2 16	20 38	1 20	0n 2	1 43	24 20	1 7	21 36	0 22	21 17	1 11	20 48	0 34	21 59	1 18	17 48	15 57	12 55	12 49	0 13	11 18	6 37
S 27	16 8	9 15	1 14	20 21	1 6	0 28	1 45	24 23	1 8	21 38	0 22	21 18	1 11	20 48	0 34	21 59	1 18	17 47	15 57	12 55	12 48	0 11	11 17	6 37
S 28	16 25	12 36	0 7	20 3	0 51	0 54	1 46	24 26	1 8	21 40	0 22	21 19	1 11	20 48	0 34	21 59	1 18	17 47	15 57	12 55	12 47	0 9	11 17	6 38
M29	16 42	15 28	1n 1	19 43	0 35	1 21	1 47	24 28	1 8	21 42	0 22	21 20	1 11	20 48	0 34	21 59	1 18	17 47	15 58	12 55	12 46	0 7	11 16	6 38
T 30	16n59	17s39	2n 7	19n21	0n19	1n47	1s49	24n30	1n 8	21n44	0s22	21n21	1s11	20s48	0s34	21s59	1n18	17s47	15s58	12s55	12s45	0n 5	11s15	6n39

Julian Day Number = 2205104.5, Delta T = 09m46s
Ecliptic obliquity = 23°31'30, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°19'45, Lahiri = 14°26'46 Julian Calendar 1 Apr. 1325 == Greg. Calendar 9 Apr. 1325

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ASTRODIENST EPHEMERIS for the year 1325
geocentric

MAY 1325 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	15 6 30	17♉58'30	10♐28	24°R24	9♈51	24♊11	10♊41	13♊49	29°R51	21°R53	22♓ 3	4°R 2	3♏30	22♍ 0	10♒33	W 1
T 2	15 10 26	18°56'11	23°28	23♉54	11° 1	24°49	10°54	13°56	29♋51	21♐52	22° 4	4♏ 0	3°27	22° 7	10°33	T 2
F 3	15 14 23	19°53'51	6♋41	23°22	12°11	25°27	11° 7	14° 4	29°51	21°51	22° 5	3°58	3°24	22°14	10°34	F 3
S 4	15 18 20	20°51'30	20° 9	22°49	13°21	26° 5	11°21	14°11	29°50	21°49	22° 5	3°56	3°21	22°21	10°34	S 4
S 5	15 22 16	21°49'08	3♒50	22°15	14°31	26°43	11°34	14°18	29°50	21°48	22° 6	3°54	3°18	22°27	10°34	S 5
M 6	15 26 13	22°46'45	17°44	21°41	15°42	27°22	11°47	14°26	29°49	21°47	22° 7	3°D53	3°14	22°34	10°34	M 6
T 7	15 30 9	23°44'21	1♓50	21° 7	16°52	28° 0	12° 1	14°33	29°49	21°45	22° 8	3°54	3°11	22°41	10°34	T 7
W 8	15 34 6	24°41'56	16° 6	20°34	18° 2	28°38	12°14	14°41	29°48	21°44	22° 9	3°54	3° 8	22°47	10°R34	W 8
T 9	15 38 2	25°39'30	0♈31	20° 2	19°13	29°16	12°28	14°48	29°48	21°42	22°10	3°56	3° 5	22°54	10°34	T 9
F 10	15 41 59	26°37'03	15° 0	19°32	20°23	29°54	12°41	14°56	29°47	21°41	22°10	3°57	3° 2	23° 1	10°34	F 10
S 11	15 45 55	27°34'36	29°29	19° 5	21°34	0♋32	12°55	15° 4	29°47	21°40	22°11	3°R58	2°58	23° 7	10°34	S 11
S 12	15 49 52	28°32'07	13♉54	18°40	22°45	1°11	13° 8	15°11	29°46	21°38	22°12	3°57	2°55	23°14	10°34	S 12
M13	15 53 49	29°29'37	28° 9	18°19	23°55	1°49	13°22	15°19	29°45	21°37	22°13	3°56	2°52	23°21	10°33	M13
T 14	15 57 45	0♊27'07	12♊10	18° 2	25° 6	2°27	13°35	15°27	29°44	21°35	22°13	3°53	2°49	23°27	10°33	T 14
W15	16 1 42	1°24'35	25°52	17°48	26°17	3° 5	13°49	15°34	29°43	21°34	22°14	3°50	2°46	23°34	10°33	W15
T 16	16 5 38	2°22'02	9♋13	17°38	27°27	3°43	14° 3	15°42	29°42	21°32	22°15	3°45	2°43	23°41	10°32	T 16
F 17	16 9 35	3°19'29	22°12	17°33	28°38	4°21	14°16	15°50	29°42	21°31	22°15	3°41	2°39	23°47	10°31	F 17
S 18	16 13 31	4°16'53	4♌51	17°D32	29°49	4°59	14°30	15°57	29°41	21°29	22°16	3°37	2°36	23°54	10°31	S 18
S 19	16 17 28	5°14'17	17°12	17°35	1♍ 0	5°37	14°44	16° 5	29°39	21°28	22°17	3°34	2°33	24° 1	10°30	S 19
M20	16 21 24	6°11'40	29°18	17°43	2°11	6°15	14°57	16°13	29°38	21°26	22°17	3°33	2°30	24° 7	10°29	M20
T 21	16 25 21	7° 9'01	11♍14	17°55	3°22	6°54	15°11	16°21	29°37	21°25	22°18	3°D33	2°27	24°14	10°28	T 21
W22	16 29 18	8° 6'22	23° 5	18°12	4°33	7°32	15°25	16°28	29°36	21°23	22°18	3°34	2°24	24°21	10°28	W22
T 23	16 33 14	9° 3'41	4♎56	18°33	5°44	8°10	15°39	16°36	29°35	21°21	22°19	3°35	2°20	24°27	10°27	T 23
F 24	16 37 11	10° 0'59	16°51	18°59	6°55	8°48	15°52	16°44	29°34	21°20	22°19	3°37	2°17	24°34	10°26	F 24
S 25	16 41 7	10°58'17	28°55	19°29	8° 6	9°26	16° 6	16°52	29°32	21°18	22°20	3°R38	2°14	24°41	10°24	S 25
S 26	16 45 4	11°55'33	11♏12	20° 3	9°18	10° 4	16°20	17° 0	29°31	21°17	22°20	3°38	2°11	24°47	10°23	S 26
M27	16 49 0	12°52'49	23°44	20°42	10°29	10°42	16°34	17° 8	29°30	21°15	22°21	3°36	2° 8	24°54	10°22	M27
T 28	16 52 57	13°50'04	6♐34	21°25	11°40	11°20	16°47	17°15	29°28	21°13	22°21	3°32	2° 4	25° 1	10°21	T 28
W29	16 56 53	14°47'19	19°41	22°11	12°51	11°58	17° 1	17°23	29°27	21°12	22°21	3°27	2° 1	25° 7	10°19	W29
T 30	17 0 50	15°44'33	3♑ 5	23° 2	14° 3	12°36	17°15	17°31	29°25	21°10	22°22	3°21	1°58	25°14	10°18	T 30
F 31	17 4 47	16♊41'46	16♑43	23♉57	15♉14	13♋14	17♊29	17♊39	29♑24	21♐ 9	22♓22	3♏14	1♏55	25♍21	10♒17	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	17n15	19s 0	3n 8	18n58	0n 2	2n14	1s50	24n32	1n 8	21n46	0s22	21n22	1s11	20s49	0s34	21s59	1n18	17s47	15s58	12s54	12s44	0n 3	11s15	6n39
T 2	17 31	19 22	4 0	18 34	0s15	2 41	1 51	24 34	1 8	21 48	0 22	21 23	1 11	20 49	0 34	21 59	1 18	17 47	15 59	12 54	12 43	0 1	11 14	6 39
F 3	17 47	18 41	4 41	18 10	0 32	3 7	1 52	24 35	1 9	21 50	0 22	21 24	1 10	20 49	0 34	21 59	1 18	17 47	15 59	12 53	12 42	0s 1	11 14	6 40
S 4	18 2	16 57	5 7	17 44	0 50	3 34	1 53	24 37	1 9	21 52	0 21	21 25	1 10	20 49	0 34	21 58	1 18	17 47	15 59	12 52	12 40	0 3	11 13	6 40
S 5	18 17	14 15	5 16	17 19	1 7	4 0	1 53	24 38	1 9	21 54	0 21	21 26	1 10	20 49	0 34	21 58	1 18	17 47	16 0	12 52	12 39	0 5	11 13	6 41
M 6	18 32	10 42	5 7	16 53	1 24	4 27	1 54	24 39	1 9	21 56	0 21	21 27	1 10	20 49	0 34	21 58	1 18	17 47	16 0	12 52	12 38	0 7	11 12	6 41
T 7	18 46	6 31	4 39	16 28	1 41	4 53	1 55	24 40	1 9	21 58	0 21	21 28	1 10	20 49	0 34	21 58	1 18	17 47	16 0	12 52	12 37	0 9	11 12	6 42
W 8	19 1	1 54	3 54	16 4	1 57	5 20	1 55	24 40	1 9	22 0	0 21	21 29	1 10	20 49	0 34	21 58	1 18	17 47	16 1	12 52	12 36	0 11	11 12	6 42
T 9	19 15	2n52	2 54	15 41	2 13	5 46	1 55	24 41	1 9	22 2	0 21	21 30	1 10	20 50	0 34	21 58	1 18	17 47	16 1	12 52	12 35	0 13	11 11	6 42
F 10	19 28	7 30	1 43	15 19	2 28	6 12	1 56	24 41	1 9	22 3	0 21	21 31	1 10	20 50	0 34	21 58	1 18	17 46	16 1	12 53	12 34	0 15	11 11	6 43
S 11	19 41	11 43	0 25	14 58	2 41	6 39	1 56	24 41	1 10	22 5	0 21	21 32	1 9	20 50	0 34	21 58	1 18	17 46	16 2	12 53	12 33	0 18	11 10	6 43
S 12	19 54	15 12	0s54	14 39	2 54	7 5	1 56	24 41	1 10	22 7	0 20	21 33	1 9	20 50	0 34	21 58	1 18	17 47	16 2	12 53	12 32	0 20	11 10	6 44
M13	20 7	17 43	2 9	14 22	3 6	7 31	1 56	24 40	1 10	22 9	0 20	21 34	1 9	20 50	0 34	21 58	1 18	17 47	16 2	12 52	12 31	0 22	11 10	6 44
T 14	20 19	19 7	3 15	14 7	3 16	7 57	1 56	24 40	1 10	22 11	0 20	21 35	1 9	20 50	0 35	21 57	1 18	17 47	16 3	12 52	12 30	0 24	11 10	6 45
W15	20 31	19 20	4 7	13 54	3 26	8 23	1 56	24 39	1 10	22 12	0 20	21 36	1 9	20 51	0 35	21 57	1 18	17 47	16 3	12 50	12 28	0 26	11 9	6 45
T 16	20 43	18 28	4 45	13 44	3 34	8 48	1 56	24 38	1 10	22 14	0 20	21 37	1 9	20 51	0 35	21 57	1 18	17 47	16 3	12 49	12 27	0 28	11 9	6 45
F 17	20 54	16 38	5 7	13 35	3 41	9 14	1 56	24 37	1 10	22 16	0 20	21 38	1 9	20 51	0 35	21 57	1 18	17 47	16 4	12 47	12 26	0 30	11 9	6 46
S 18	21 5	14 3	5 13	13 30	3 47	9 39	1 55	24 36	1 10	22 18	0 20	21 39	1 9	20 51	0 35	21 57	1 18	17 47	16 4	12 46	12 25	0 32	11 8	6 46
S 19	21 15	10 54	5 4	13 26	3 51	10 4	1 55	24 34	1 10	22 19	0 20	21 39	1 9	20 52	0 35	21 57	1 18	17 47	16 4	12 45	12 24	0 34	11 8	6 47
M20	21 25	7 21	4 42	13 25	3 55	10 29	1 54	24 33	1 10	22 21	0 20	21 40	1 9	20 52	0 35	21 57	1 18	17 47	16 5	12 45	12 23	0 36	11 8	6 47
T 21	21 35	3 33	4 8	13 26	3 57	10 54	1 54	24 31	1 10	22 22	0 20	21 41	1 8	20 52	0 35	21 57	1 18	17 47	16 5	12 44	12 22	0 38	11 8	6 47
W22	21 44	0s22	3 23	13 29	3 59	11 19	1 53	24 29	1 11	22 24	0 19	21 42	1 8	20 52	0 35	21 57	1 18	17 47	16 5	12 45	12 21	0 40	11 8	6 48
T 23	21 53	4 16	2 30	13 35	3 59	11 43	1 52	24 27	1 11	22 26	0 19	21 43	1 8	20 53	0 35	21 57	1 18	17 47	16 6	12 45	12 20	0 42	11 8	6 48
F 24	22 2	8 2	1 30	13 43	3 58	12 7	1 51	24 24	1 11	22 27	0 19	21 44	1 8	20 53	0 35	21 56	1 18	17 47	16 6	12 46	12 19	0 44	11 8	6 49
S 25	22 10	11 32	0 26	13 52	3 56	12 31	1 50	24 22	1 11	22 29	0 19	21 45	1 8	20 53	0 35	21 56	1 18	17 48	16 6	12 46	12 18	0 46	11 7	6 49
S 26	22 18	14 35	0n41	14 4	3 54	12 55	1 49	24 19	1 11	22 30	0 19	21 46	1 8	20 54	0 35	21 56	1 18	17 48	16 7	12 46	12 16	0 48	11 7	6 49
M27	22 25	17 3	1 47	14 18	3 50	13 18	1 48	24 16	1 11	22 32	0 19	21 46	1 8	20 54	0 35	21 56	1 18	17 48	16 7	12 46	12 15	0 50	11 7	6 50
T 28	22 33	18 42	2 49	14 33	3 46	13 41	1 47	24 13	1 11	22 33	0 19	21 47	1 8	20 54	0 35	21 56	1 18	17 48	16 8	12 44	12 14	0 52	11 7	6 50
W29	22 39	19 24	3 44	14 50	3 40	14 4	1 46	24 10	1 11	22 35	0 19	21 48	1 8	20 55	0 35	21 56	1 18	17 48	16 8	12 43	12 13	0 54	11 7	6 51
T 30	22 46	19 2	4 27	15 8	3 35	14 27	1 45	24 6	1 11	22 36	0 19	21 49	1 8	20 55	0 35	21 56	1 18	17 48	16 8	12 40	12 12	0 56	11 7	6 51
F 31	22n51	17s35	4n56	15n28	3s28	14n49	1s43	24n 3	1n11	22n37	0s19	21n50	1s 8	20s55	0s35	21s56	1n18	17s49	16s 9	12s38	12s11	0s58	11s 7	6n51

Julian Day Number = 2205134.5, Delta T = 09m46s
Ecliptic obliquity = 23°31'29, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°19'49, Lahiri = 14°26'50 Julian Calendar 1 May 1325 == Greg. Calendar 9 May 1325

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ASTRODIENST EPHEMERIS for the year 1325
geocentric

JUNE 1325 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	17 8 43	17♊38'59	0♒34	24♉55	16♉26	13♋52	17♊42	17♊47	29°R22	21°R 7	22♓22	3°R 7	1♏52	25♍27	10°R15	S 1
S 2	17 12 40	18°36'12	14°34	25°57	17°37	14°30	17°56	17°55	29♑21	21♐ 5	22°23	3♏ 2	1°49	25°34	10♒14	S 2
M 3	17 16 36	19°33'25	28°39	27° 3	18°49	15° 8	18°10	18° 2	29°19	21° 4	22°23	2°58	1°45	25°41	10°12	M 3
T 4	17 20 33	20°30'37	12♓48	28°13	20° 0	15°46	18°24	18°10	29°17	21° 2	22°23	2°56	1°42	25°47	10°10	T 4
W 5	17 24 29	21°27'50	26°59	29°26	21°12	16°24	18°37	18°18	29°16	21° 1	22°23	2°D56	1°39	25°54	10° 9	W 5
T 6	17 28 26	22°25'02	11♈ 9	0♊43	22°23	17° 2	18°51	18°26	29°14	20°59	22°24	2°57	1°36	26° 1	10° 7	T 6
F 7	17 32 22	23°22'14	25°17	2° 3	23°35	17°40	19° 5	18°34	29°12	20°57	22°24	2°58	1°33	26° 7	10° 5	F 7
S 8	17 36 19	24°19'27	9♉21	3°27	24°47	18°17	19°19	18°42	29°10	20°56	22°24	2°R58	1°30	26°14	10° 3	S 8
S 9	17 40 16	25°16'39	23°20	4°54	25°58	18°55	19°32	18°49	29° 8	20°54	22°24	2°56	1°26	26°21	10° 1	S 9
M10	17 44 12	26°13'52	7♊11	6°25	27°10	19°33	19°46	18°57	29° 7	20°52	22°24	2°52	1°23	26°28	9°59	M10
T 11	17 48 9	27°11'04	20°50	7°59	28°22	20°11	20° 0	19° 5	29° 5	20°51	22°24	2°46	1°20	26°34	9°57	T 11
W12	17 52 5	28° 8'16	4♋16	9°36	29°34	20°49	20°13	19°13	29° 3	20°49	22°24	2°37	1°17	26°41	9°55	W12
T 13	17 56 2	29° 5'28	17°25	11°16	0♊46	21°27	20°27	19°21	29° 1	20°48	22°24	2°28	1°14	26°48	9°53	T 13
F 14	17 59 58	0♋ 2'40	0♌17	13° 0	1°58	22° 5	20°41	19°28	28°59	20°46	22°24	2°18	1°10	26°54	9°51	F 14
S 15	18 3 55	0°59'52	12°51	14°47	3°10	22°43	20°54	19°36	28°57	20°44	22°R24	2° 9	1° 7	27° 1	9°48	S 15
S 16	18 7 52	1°57'03	25° 9	16°37	4°22	23°21	21° 8	19°44	28°55	20°43	22°24	2° 2	1° 4	27° 8	9°46	S 16
M17	18 11 48	2°54'14	7♍14	18°29	5°34	23°59	21°21	19°52	28°53	20°41	22°24	1°56	1° 1	27°14	9°44	M17
T 18	18 15 45	3°51'25	19° 9	20°24	6°46	24°37	21°35	19°59	28°51	20°40	22°24	1°53	0°58	27°21	9°41	T 18
W19	18 19 41	4°48'36	1♎ 0	22°22	7°58	25°15	21°49	20° 7	28°48	20°38	22°24	1°D52	0°55	27°28	9°39	W19
T 20	18 23 38	5°45'47	12°50	24°22	9°10	25°53	22° 2	20°15	28°46	20°37	22°24	1°52	0°51	27°34	9°36	T 20
F 21	18 27 34	6°42'57	24°46	26°25	10°22	26°31	22°16	20°22	28°44	20°35	22°24	1°52	0°48	27°41	9°34	F 21
S 22	18 31 31	7°40'08	6♏52	28°29	11°34	27° 9	22°29	20°30	28°42	20°33	22°24	1°R53	0°45	27°48	9°31	S 22
S 23	18 35 27	8°37'18	19°14	0♋34	12°47	27°47	22°43	20°38	28°40	20°32	22°24	1°51	0°42	27°54	9°29	S 23
M24	18 39 24	9°34'29	1♐55	2°41	13°59	28°25	22°56	20°45	28°38	20°30	22°23	1°48	0°39	28° 1	9°26	M24
T 25	18 43 21	10°31'40	14°57	4°49	15°11	29° 3	23° 9	20°53	28°35	20°29	22°23	1°42	0°36	28° 8	9°23	T 25
W26	18 47 17	11°28'51	28°22	6°57	16°24	29°40	23°23	21° 0	28°33	20°27	22°23	1°33	0°32	28°14	9°21	W26
T 27	18 51 14	12°26'02	12♑ 9	9° 6	17°36	0♌18	23°36	21° 8	28°31	20°26	22°23	1°23	0°29	28°21	9°18	T 27
F 28	18 55 10	13°23'13	26°14	11°15	18°48	0°56	23°49	21°15	28°29	20°24	22°22	1°12	0°26	28°28	9°15	F 28
S 29	18 59 7	14°20'25	10♒31	13°24	20° 1	1°34	24° 3	21°23	28°26	20°23	22°22	1° 2	0°23	28°34	9°12	S 29
S 30	19 3 3	15♋17'38	24♒56	15♋32	21♊13	2♌12	24♊16	21♊30	28♑24	20♐22	22♓22	0♏53	0♏20	28♍41	9♒10	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n57	15s 5	5n 8	15n49	3s21	15n11	1s42	23n59	1n11	22n39	0s18	21n50	1s 7	20s56	0s35	21s56	1n18	17s49	16s 9	12s36	12s10	1s 0	11s 7	6n52
S 2	23 2	11 42	5 2	16 11	3 13	15 32	1 40	23 55	1 11	22 40	0 18	21 51	1 7	20 56	0 35	21 55	1 18	17 49	16 9	12 34	12 9	1 2	11 7	6 52
M 3	23 7	7 38	4 38	16 35	3 4	15 54	1 39	23 50	1 11	22 42	0 18	21 52	1 7	20 56	0 35	21 55	1 18	17 49	16 10	12 33	12 8	1 4	11 8	6 52
T 4	23 11	3 7	3 57	16 59	2 55	16 15	1 37	23 46	1 11	22 43	0 18	21 53	1 7	20 57	0 35	21 55	1 18	17 50	16 10	12 32	12 7	1 6	11 8	6 53
W 5	23 15	1n34	3 2	17 24	2 46	16 35	1 36	23 42	1 11	22 44	0 18	21 54	1 7	20 57	0 35	21 55	1 18	17 50	16 11	12 32	12 5	1 8	11 8	6 53
T 6	23 18	6 11	1 55	17 50	2 36	16 55	1 34	23 37	1 11	22 45	0 18	21 54	1 7	20 57	0 35	21 55	1 18	17 50	16 11	12 32	12 4	1 10	11 8	6 53
F 7	23 21	10 27	0 41	18 16	2 25	17 15	1 32	23 32	1 11	22 47	0 18	21 55	1 7	20 58	0 35	21 55	1 18	17 50	16 11	12 33	12 3	1 12	11 8	6 54
S 8	23 24	14 7	0s34	18 43	2 14	17 34	1 30	23 27	1 11	22 48	0 18	21 56	1 7	20 58	0 35	21 55	1 18	17 51	16 12	12 33	12 2	1 14	11 8	6 54
S 9	23 26	16 56	1 47	19 10	2 3	17 53	1 29	23 22	1 11	22 49	0 18	21 56	1 7	20 59	0 35	21 55	1 18	17 51	16 12	12 32	12 1	1 16	11 8	6 54
M10	23 28	18 44	2 53	19 37	1 52	18 12	1 27	23 16	1 11	22 50	0 18	21 57	1 7	20 59	0 35	21 55	1 18	17 51	16 12	12 31	12 0	1 18	11 9	6 55
T 11	23 30	19 25	3 48	20 4	1 40	18 30	1 25	23 11	1 11	22 51	0 17	21 58	1 7	20 59	0 35	21 55	1 18	17 51	16 13	12 28	11 59	1 20	11 9	6 55
W12	23 31	18 59	4 29	20 31	1 28	18 47	1 23	23 5	1 11	22 52	0 17	21 59	1 7	21 0	0 35	21 54	1 18	17 52	16 13	12 26	11 58	1 22	11 9	6 55
T 13	23 31	17 31	4 55	20 57	1 16	19 4	1 21	22 59	1 11	22 53	0 17	21 59	1 7	21 0	0 35	21 54	1 18	17 52	16 14	12 22	11 57	1 24	11 9	6 56
F 14	23 31	15 12	5 5	21 23	1 4	19 21	1 18	22 53	1 11	22 55	0 17	22 0	1 7	21 1	0 35	21 54	1 18	17 52	16 14	12 19	11 55	1 26	11 10	6 56
S 15	23 31	12 13	5 0	21 48	0 52	19 37	1 16	22 46	1 11	22 56	0 17	22 1	1 7	21 1	0 35	21 54	1 18	17 53	16 14	12 16	11 54	1 28	11 10	6 56
S 16	23 31	8 46	4 41	22 11	0 40	19 53	1 14	22 40	1 11	22 57	0 17	22 1	1 6	21 2	0 35	21 54	1 18	17 53	16 15	12 13	11 53	1 30	11 10	6 56
M17	23 30	5 1	4 10	22 34	0 28	20 8	1 12	22 33	1 11	22 58	0 17	22 2	1 6	21 2	0 35	21 54	1 18	17 54	16 15	12 11	11 52	1 32	11 11	6 57
T 18	23 28	1 7	3 28	22 55	0 16	20 22	1 10	22 27	1 11	22 59	0 17	22 3	1 6	21 3	0 35	21 54	1 18	17 54	16 15	12 10	11 51	1 34	11 11	6 57
W19	23 26	2s48	2 37	23 14	0 4	20 36	1 7	22 20	1 11	22 59	0 17	22 3	1 6	21 3	0 35	21 54	1 18	17 54	16 16	12 10	11 50	1 36	11 11	6 57
T 20	23 24	6 37	1 40	23 32	0n 7	20 50	1 5	22 13	1 11	23 0	0 17	22 4	1 6	21 3	0 35	21 54	1 18	17 55	16 16	12 10	11 49	1 37	11 12	6 58
F 21	23 21	10 13	0 38	23 47	0 18	21 3	1 3	22 5	1 11	23 1	0 17	22 4	1 6	21 4	0 36	21 54	1 18	17 55	16 17	12 10	11 48	1 39	11 12	6 58
S 22	23 18	13 26	0n27	24 0	0 29	21 16	1 0	21 58	1 11	23 2	0 17	22 5	1 6	21 4	0 36	21 54	1 18	17 55	16 17	12 10	11 47	1 41	11 13	6 58
S 23	23 15	16 8	1 31	24 10	0 39	21 27	0 58	21 50	1 11	23 3	0 16	22 6	1 6	21 5	0 36	21 53	1 18	17 56	16 17	12 10	11 45	1 43	11 13	6 58
M24	23 11	18 7	2 33	24 18	0 49	21 39	0 55	21 43	1 11	23 4	0 16	22 6	1 6	21 5	0 36	21 53	1 18	17 56	16 18	12 8	11 44	1 45	11 13	6 58
T 25	23 6	19 14	3 28	24 24	0 57	21 49	0 53	21 35	1 11	23 5	0 16	22 7	1 6	21 6	0 36	21 53	1 18	17 57	16 18	12 6	11 43	1 47	11 14	6 59
W26	23 2	19 17	4 13	24 26	1 6	22 0	0 50	21 27	1 11	23 5	0 16	22 7	1 6	21 6	0 36	21 53	1 18	17 57	16 18	12 3	11 42	1 49	11 14	6 59
T 27	22 56	18 14	4 45	24 26	1 13	22 9	0 48	21 19	1 11	23 6	0 16	22 8	1 6	21 7	0 36	21 53	1 18	17 57	16 19	12 0	11 41	1 51	11 15	6 59
F 28	22 51	16 3	5 1	24 23	1 20	22 18	0 45	21 10	1 11	23 7	0 16	22 8	1 6	21 7	0 36	21 53	1 18	17 58	16 19	11 56	11 40	1 53	11 15	6 59
S 29	22 45	12 53	4 58	24 17	1 26	22 26	0 43	21 2	1 11	23 7	0 16	22 9	1 6	21 8	0 36	21 53	1 18	17 58	16 19	11 53	11 39	1 55	11 16	7 0
S 30	22n39	8s55	4n36	24n 8	1n32	22n34	0s40	20n53	1n11	23n 8	0s16	22n 9	1s 6	21s 8	0s36	21s53	1n18	17s59	16s20	11s49	11s38	1s57	11s17	7n 0

Julian Day Number = 2205165.5, Delta T = 09m45s
Ecliptic obliquity = 23°31'28, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°19'54, Lahiri = 14°26'54 Julian Calendar 1 June 1325 == Greg. Calendar 9 June 1325

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ASTRODIENST EPHEMERIS for the year 1325
geocentric

JULY 1325 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	19 7 0	16♋14'51	9♓21	17♋39	22♊26	2♌50	24♊29	21♊37	28°R22	20°R20	22°R21	0°R47	0♏16	28♍48	9°R 7	M 1
T 2	19 10 56	17°12'05	23°44	19°46	23°39	3°28	24°42	21°45	28♉19	20♐19	22♓21	0♏43	0°13	28°54	9♒ 4	T 2
W 3	19 14 53	18° 9'20	7♈59	21°52	24°51	4° 6	24°56	21°52	28°17	20°17	22°21	0°41	0°10	29° 1	9° 1	W 3
T 4	19 18 50	19° 6'35	22° 5	23°56	26° 4	4°44	25° 9	21°59	28°15	20°16	22°20	0°D41	0° 7	29° 8	8°58	T 4
F 5	19 22 46	20° 3'52	6♉ 2	25°59	27°17	5°22	25°22	22° 7	28°12	20°15	22°20	0°R41	0° 4	29°14	8°55	F 5
S 6	19 26 43	21° 1'09	19°49	28° 1	28°29	6° 0	25°35	22°14	28°10	20°13	22°19	0°40	0° 1	29°21	8°52	S 6
S 7	19 30 39	21°58'28	3♊26	0♌ 1	29°42	6°38	25°48	22°21	28° 8	20°12	22°19	0°37	29♎57	29°28	8°49	S 7
M 8	19 34 36	22°55'47	16°53	2° 0	0♋55	7°16	26° 1	22°28	28° 5	20°11	22°18	0°31	29°54	29°34	8°46	M 8
T 9	19 38 32	23°53'07	0♋ 9	3°57	2° 8	7°54	26°14	22°35	28° 3	20° 9	22°18	0°22	29°51	29°41	8°43	T 9
W10	19 42 29	24°50'28	13°13	5°52	3°21	8°32	26°26	22°43	28° 0	20° 8	22°17	0°11	29°48	29°48	8°40	W10
T 11	19 46 25	25°47'50	26° 5	7°46	4°34	9°10	26°39	22°50	27°58	20° 7	22°17	29♎59	29°45	29°54	8°37	T 11
F 12	19 50 22	26°45'13	8♌43	9°39	5°47	9°48	26°52	22°57	27°56	20° 6	22°16	29°45	29°42	0♏ 1	8°33	F 12
S 13	19 54 19	27°42'37	21° 7	11°29	7° 0	10°26	27° 5	23° 4	27°53	20° 4	22°16	29°33	29°38	0° 8	8°30	S 13
S 14	19 58 15	28°40'01	3♍19	13°18	8°13	11° 4	27°17	23°10	27°51	20° 3	22°15	29°22	29°35	0°14	8°27	S 14
M15	20 2 12	29°37'26	15°19	15° 5	9°26	11°42	27°30	23°17	27°48	20° 2	22°14	29°14	29°32	0°21	8°24	M15
T 16	20 6 8	0♌34'52	27°12	16°51	10°39	12°20	27°43	23°24	27°46	20° 1	22°14	29° 9	29°29	0°28	8°21	T 16
W17	20 10 5	1°32'18	9♎ 0	18°35	11°52	12°58	27°55	23°31	27°44	20° 0	22°13	29° 6	29°26	0°34	8°18	W17
T 18	20 14 1	2°29'45	20°48	20°17	13° 5	13°36	28° 7	23°38	27°41	19°59	22°12	29° 5	29°22	0°41	8°14	T 18
F 19	20 17 58	3°27'13	2♏43	21°58	14°19	14°14	28°20	23°44	27°39	19°58	22°12	29° 5	29°19	0°48	8°11	F 19
S 20	20 21 54	4°24'42	14°48	23°37	15°32	14°52	28°32	23°51	27°36	19°57	22°11	29° 4	29°16	0°54	8° 8	S 20
S 21	20 25 51	5°22'12	27°10	25°15	16°45	15°30	28°44	23°57	27°34	19°56	22°10	29° 3	29°13	1° 1	8° 5	S 21
M22	20 29 48	6°19'42	9♐53	26°51	17°58	16° 8	28°57	24° 4	27°32	19°55	22° 9	29° 0	29°10	1° 8	8° 2	M22
T 23	20 33 44	7°17'14	23° 1	28°25	19°12	16°46	29° 9	24°10	27°29	19°54	22° 9	28°54	29° 7	1°14	7°58	T 23
W24	20 37 41	8°14'46	6♑36	29°58	20°25	17°24	29°21	24°17	27°27	19°53	22° 8	28°45	29° 3	1°21	7°55	W24
T 25	20 41 37	9°12'19	20°37	1♍29	21°39	18° 2	29°33	24°23	27°25	19°52	22° 7	28°35	29° 0	1°28	7°52	T 25
F 26	20 45 34	10° 9'54	5♒ 1	2°58	22°52	18°40	29°45	24°30	27°22	19°51	22° 6	28°24	28°57	1°34	7°49	F 26
S 27	20 49 30	11° 7'30	19°42	4°26	24° 6	19°18	29°57	24°36	27°20	19°50	22° 5	28°13	28°54	1°41	7°46	S 27
S 28	20 53 27	12° 5'06	4♓31	5°53	25°19	19°56	0♋ 8	24°42	27°18	19°49	22° 5	28° 4	28°51	1°47	7°42	S 28
M29	20 57 23	13° 2'45	19°21	7°17	26°33	20°34	0°20	24°48	27°15	19°48	22° 4	27°57	28°47	1°54	7°39	M29
T 30	21 1 20	14° 0'25	4♈ 3	8°40	27°46	21°13	0°32	24°54	27°13	19°48	22° 3	27°53	28°44	2° 1	7°36	T 30
W31	21 5 17	14♌58'06	18♈33	10♍ 2	29♋ 0	21♌51	0♋43	25♊ 0	27♉11	19♐47	22♓ 2	27♎51	28♎41	2♏ 7	7♒33	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	22n32	4s26	3n57	23n57	1n36	22n41	0s37	20n45	1n11	23n 9	0s16	22n10	1s 6	21s 9	0s36	21s53	1n18	17s59	16s20	11s47	11s37	1s59	11s17	7n 0
T 2	22 25	0n18	3 3	23 43	1 40	22 48	0 35	20 36	1 11	23 9	0 16	22 10	1 6	21 9	0 36	21 53	1 18	18 0	16 20	11 46	11 35	2 1	11 18	7 0
W 3	22 17	4 58	1 57	23 27	1 43	22 53	0 32	20 27	1 11	23 10	0 16	22 11	1 6	21 10	0 36	21 53	1 18	18 0	16 21	11 45	11 34	2 3	11 18	7 0
T 4	22 9	9 20	0 45	23 8	1 46	22 58	0 30	20 17	1 11	23 11	0 16	22 11	1 6	21 10	0 36	21 53	1 18	18 1	16 21	11 45	11 33	2 5	11 19	7 0
F 5	22 1	13 8	0s28	22 47	1 47	23 3	0 27	20 8	1 11	23 11	0 15	22 12	1 6	21 11	0 36	21 53	1 18	18 1	16 22	11 45	11 32	2 7	11 19	7 0
S 6	21 52	16 9	1 40	22 24	1 48	23 7	0 24	19 59	1 11	23 12	0 15	22 12	1 6	21 11	0 36	21 52	1 17	18 2	16 22	11 45	11 31	2 9	11 20	7 1
S 7	21 43	18 14	2 44	21 59	1 49	23 10	0 22	19 49	1 10	23 12	0 15	22 13	1 6	21 12	0 36	21 52	1 17	18 2	16 22	11 44	11 30	2 11	11 21	7 1
M 8	21 34	19 15	3 38	21 32	1 48	23 12	0 19	19 39	1 10	23 13	0 15	22 13	1 6	21 12	0 36	21 52	1 17	18 3	16 23	11 42	11 29	2 13	11 21	7 1
T 9	21 24	19 11	4 20	21 4	1 47	23 14	0 16	19 29	1 10	23 13	0 15	22 13	1 6	21 13	0 36	21 52	1 17	18 3	16 23	11 39	11 28	2 15	11 22	7 1
W10	21 14	18 6	4 47	20 34	1 45	23 15	0 14	19 19	1 10	23 14	0 15	22 14	1 6	21 13	0 36	21 52	1 17	18 4	16 23	11 35	11 26	2 17	11 23	7 1
T 11	21 4	16 6	5 0	20 3	1 43	23 16	0 11	19 9	1 10	23 14	0 15	22 14	1 6	21 14	0 36	21 52	1 17	18 4	16 24	11 30	11 25	2 19	11 23	7 1
F 12	20 53	13 22	4 57	19 31	1 41	23 16	0 8	18 59	1 10	23 14	0 15	22 15	1 6	21 14	0 36	21 52	1 17	18 5	16 24	11 26	11 24	2 21	11 24	7 1
S 13	20 42	10 5	4 40	18 57	1 37	23 15	0 6	18 49	1 10	23 15	0 15	22 15	1 6	21 15	0 36	21 52	1 17	18 5	16 24	11 21	11 23	2 23	11 25	7 1
S 14	20 30	6 26	4 10	18 23	1 33	23 13	0 3	18 38	1 10	23 15	0 15	22 15	1 6	21 15	0 36	21 52	1 17	18 6	16 24	11 17	11 22	2 25	11 26	7 1
M15	20 18	2 35	3 30	17 47	1 29	23 11	0 0	18 27	1 10	23 15	0 15	22 16	1 5	21 16	0 36	21 52	1 17	18 6	16 25	11 15	11 21	2 27	11 26	7 1
T 16	20 6	1s20	2 40	17 11	1 25	23 8	0n 2	18 17	1 10	23 16	0 15	22 16	1 5	21 16	0 36	21 52	1 17	18 7	16 25	11 13	11 20	2 29	11 27	7 1
W17	19 53	5 11	1 44	16 34	1 19	23 4	0 5	18 6	1 10	23 16	0 14	22 17	1 5	21 16	0 36	21 52	1 17	18 7	16 25	11 12	11 19	2 31	11 28	7 1
T 18	19 40	8 50	0 44	15 57	1 14	23 0	0 7	17 55	1 10	23 16	0 14	22 17	1 5	21 17	0 36	21 52	1 17	18 8	16 26	11 11	11 17	2 32	11 29	7 2
F 19	19 27	12 9	0n19	15 18	1 8	22 55	0 10	17 44	1 9	23 17	0 14	22 17	1 5	21 17	0 36	21 52	1 17	18 9	16 26	11 11	11 16	2 34	11 29	7 2
S 20	19 14	15 1	1 22	14 40	1 2	22 49	0 12	17 32	1 9	23 17	0 14	22 17	1 5	21 18	0 36	21 52	1 17	18 9	16 26	11 11	11 15	2 36	11 30	7 2
S 21	19 0	17 16	2 23	14 1	0 55	22 43	0 15	17 21	1 9	23 17	0 14	22 18	1 5	21 18	0 36	21 52	1 17	18 10	16 27	11 11	11 14	2 38	11 31	7 2
M22	18 45	18 45	3 18	13 22	0 48	22 36	0 17	17 9	1 9	23 17	0 14	22 18	1 5	21 19	0 36	21 52	1 17	18 10	16 27	11 9	11 13	2 40	11 32	7 2
T 23	18 31	19 16	4 5	12 42	0 41	22 28	0 20	16 58	1 9	23 17	0 14	22 18	1 5	21 19	0 36	21 52	1 17	18 11	16 27	11 7	11 12	2 42	11 33	7 2
W24	18 16	18 42	4 39	12 3	0 33	22 20	0 22	16 46	1 9	23 17	0 14	22 19	1 5	21 20	0 36	21 52	1 17	18 11	16 27	11 4	11 11	2 44	11 34	7 1
T 25	18 1	17 1	4 59	11 23	0 26	22 11	0 25	16 34	1 9	23 18	0 14	22 19	1 5	21 20	0 36	21 52	1 17	18 12	16 28	11 1	11 10	2 46	11 34	7 1
F 26	17 46	14 14	4 59	10 43	0 18	22 1	0 27	16 22	1 9	23 18	0 14	22 19	1 5	21 21	0 36	21 52	1 17	18 12	16 28	10 57	11 8	2 48	11 35	7 1
S 27	17 30	10 31	4 41	10 4	0 9	21 51	0 29	16 10	1 9	23 18	0 14	22 19	1 5	21 21	0 36	21 52	1 17	18 13	16 28	10 53	11 7	2 50	11 36	7 1
S 28	17 14	6 7	4 3	9 24	0 1	21 40	0 32	15 58	1 8	23 18	0 14	22 20	1 5	21 22	0 36	21 52	1 17	18 14	16 28	10 49	11 6	2 52	11 37	7 1
M29	16 58	1 20	3 9	8 45	0s 8	21 29	0 34	15 46	1 8	23 18	0 14	22 20	1 5	21 22	0 36	21 52	1 17	18 14	16 29	10 47	11 5	2 54	11 38	7 1
T 30	16 41	3n30	2 3	8 5	0 17	21 16	0 36	15 33	1 8	23 18	0 13	22 20	1 5	21 23	0 36	21 51	1 17	18 15	16 29	10 45	11 4	2 56	11 39	7 1
W31	16n24	8n 3	0n49	7n26	0s26	21n 4	0n39	15n21	1n 8	23n18	0s13	22n20	1s 5	21s23	0s36	21s51	1n17	18s15	16s29	10s45	11s 3	2s58	11s39	7n 1

Julian Day Number = 2205195.5, Delta T = 09m45s
Ecliptic obliquity = 23°31'28, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°19'58, Lahiri = 14°26'58 Julian Calendar 1 July 1325 == Greg. Calendar 9 July 1325

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ASTRODIENST EPHEMERIS for the year 1325
geocentric

AUGUST 1325 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	21 9 13	15♌55'49	2♉47	11♍21	0♌14	22♌29	0♋55	25♊ 6	27°R 9	19°R46	22°R 1	27°D51	28♎38	2♎14	7°R30	T 1
F 2	21 13 10	16°53'34	16°44	12°39	1°27	23° 7	1° 6	25°12	27♉ 6	19♐45	22♓ 0	27°R51	28°35	2°21	7♒26	F 2
S 3	21 17 6	17°51'21	0♊24	13°55	2°41	23°45	1°18	25°18	27° 4	19°45	21°59	27♎51	28°32	2°27	7°23	S 3
S 4	21 21 3	18°49'09	13°48	15° 9	3°55	24°23	1°29	25°23	27° 2	19°44	21°58	27°48	28°28	2°34	7°20	S 4
M 5	21 24 59	19°46'59	26°58	16°21	5° 9	25° 1	1°40	25°29	27° 0	19°43	21°57	27°43	28°25	2°41	7°17	M 5
T 6	21 28 56	20°44'51	9♋54	17°31	6°23	25°40	1°51	25°35	26°58	19°43	21°56	27°36	28°22	2°47	7°14	T 6
W 7	21 32 52	21°42'45	22°39	18°39	7°37	26°18	2° 2	25°40	26°56	19°42	21°55	27°26	28°19	2°54	7°11	W 7
T 8	21 36 49	22°40'40	5♌12	19°44	8°51	26°56	2°13	25°46	26°53	19°42	21°54	27°15	28°16	3° 1	7° 8	T 8
F 9	21 40 46	23°38'37	17°34	20°47	10° 5	27°34	2°24	25°51	26°51	19°41	21°53	27° 3	28°13	3° 7	7° 5	F 9
S 10	21 44 42	24°36'35	29°46	21°48	11°19	28°13	2°35	25°56	26°49	19°41	21°52	26°52	28° 9	3°14	7° 2	S 10
S 11	21 48 39	25°34'35	11♍49	22°47	12°33	28°51	2°45	26° 2	26°47	19°40	21°51	26°42	28° 6	3°21	6°59	S 11
M12	21 52 35	26°32'36	23°43	23°42	13°47	29°29	2°56	26° 7	26°45	19°40	21°50	26°35	28° 3	3°27	6°56	M12
T 13	21 56 32	27°30'39	5♎32	24°35	15° 1	0♍ 7	3° 6	26°12	26°43	19°40	21°49	26°30	28° 0	3°34	6°53	T 13
W14	22 0 28	28°28'44	17°19	25°24	16°15	0°46	3°17	26°17	26°41	19°39	21°48	26°28	27°57	3°41	6°50	W14
T 15	22 4 25	29°26'50	29° 6	26°10	17°29	1°24	3°27	26°22	26°40	19°39	21°47	26°D28	27°53	3°47	6°47	T 15
F 16	22 8 21	0♍24'57	10♏59	26°53	18°44	2° 2	3°37	26°27	26°38	19°39	21°46	26°28	27°50	3°54	6°44	F 16
S 17	22 12 18	1°23'06	23° 3	27°32	19°58	2°41	3°47	26°32	26°36	19°38	21°45	26°29	27°47	4° 1	6°41	S 17
S 18	22 16 14	2°21'17	5♐23	28° 7	21°12	3°19	3°57	26°36	26°34	19°38	21°43	26°R30	27°44	4° 7	6°39	S 18
M19	22 20 11	3°19'29	18° 3	28°38	22°26	3°57	4° 7	26°41	26°32	19°38	21°42	26°28	27°41	4°14	6°36	M19
T 20	22 24 8	4°17'43	1♑ 9	29° 4	23°41	4°36	4°17	26°45	26°31	19°38	21°41	26°25	27°38	4°21	6°33	T 20
W21	22 28 4	5°15'58	14°43	29°25	24°55	5°14	4°26	26°50	26°29	19°38	21°40	26°20	27°34	4°27	6°30	W21
T 22	22 32 1	6°14'14	28°47	29°41	26° 9	5°52	4°36	26°54	26°27	19°38	21°39	26°14	27°31	4°34	6°28	T 22
F 23	22 35 57	7°12'33	13♒16	29°52	27°24	6°31	4°45	26°58	26°25	19°38	21°38	26° 6	27°28	4°41	6°25	F 23
S 24	22 39 54	8°10'53	28° 8	29°R57	28°38	7° 9	4°55	27° 3	26°24	19°D37	21°37	25°59	27°25	4°47	6°23	S 24
S 25	22 43 50	9° 9'14	13♓13	29°55	29°53	7°48	5° 4	27° 7	26°22	19°38	21°35	25°52	27°22	4°54	6°20	S 25
M26	22 47 47	10° 7'38	28°22	29°48	1♍ 7	8°26	5°13	27°11	26°21	19°38	21°34	25°48	27°19	5° 1	6°18	M26
T 27	22 51 43	11° 6'03	13♈24	29°33	2°22	9° 5	5°22	27°15	26°19	19°38	21°33	25°45	27°15	5° 7	6°15	T 27
W28	22 55 40	12° 4'31	28°13	29°12	3°36	9°43	5°31	27°18	26°18	19°38	21°32	25°D45	27°12	5°14	6°13	W28
T 29	22 59 37	13° 3'01	12♉43	28°44	4°51	10°22	5°40	27°22	26°16	19°38	21°31	25°45	27° 9	5°21	6°10	T 29
F 30	23 3 33	14° 1'33	26°50	28°10	6° 5	11° 0	5°48	27°26	26°15	19°38	21°30	25°47	27° 6	5°27	6° 8	F 30
S 31	23 7 30	15♍ 0'08	10♊34	27♍28	7♍20	11♍39	5♋57	27♊29	26♉14	19♐38	21♓28	25°R48	27♎ 3	5♎34	6♒ 6	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	16n 7	12n 4	0s26	6n48	0s35	20n50	0n41	15n 8	1n 8	23n18	0s13	22n21	1s 5	21s23	0s36	21s51	1n16	18s16	16s29	10s45	11s 2	3s 0	11s40	7n 1
F 2	15 50	15 19	1 39	6 9	0 44	20 36	0 43	14 56	1 8	23 18	0 13	22 21	1 5	21 24	0 36	21 51	1 16	18 17	16 30	10 45	11 0	3 2	11 41	7 1
S 3	15 32	17 38	2 44	5 32	0 54	20 22	0 45	14 43	1 8	23 18	0 13	22 21	1 5	21 24	0 36	21 51	1 16	18 17	16 30	10 45	10 59	3 4	11 42	7 1
S 4	15 14	18 55	3 39	4 54	1 3	20 6	0 47	14 30	1 8	23 18	0 13	22 21	1 5	21 25	0 36	21 51	1 16	18 18	16 30	10 44	10 58	3 5	11 43	7 1
M 5	14 56	19 8	4 21	4 17	1 13	19 51	0 49	14 17	1 7	23 18	0 13	22 21	1 5	21 25	0 36	21 51	1 16	18 18	16 30	10 42	10 57	3 7	11 44	7 0
T 6	14 38	18 21	4 49	3 41	1 22	19 34	0 51	14 4	1 7	23 18	0 13	22 22	1 5	21 25	0 36	21 51	1 16	18 19	16 31	10 39	10 56	3 9	11 45	7 0
W 7	14 19	16 39	5 2	3 6	1 32	19 17	0 53	13 51	1 7	23 18	0 13	22 22	1 5	21 26	0 36	21 51	1 16	18 19	16 31	10 36	10 55	3 11	11 46	7 0
T 8	14 0	14 11	5 0	2 31	1 42	19 0	0 55	13 38	1 7	23 18	0 13	22 22	1 5	21 26	0 36	21 51	1 16	18 20	16 31	10 32	10 54	3 13	11 47	7 0
F 9	13 41	11 6	4 44	1 57	1 52	18 42	0 57	13 24	1 7	23 18	0 13	22 22	1 5	21 27	0 36	21 51	1 16	18 21	16 31	10 28	10 53	3 15	11 48	7 0
S 10	13 22	7 36	4 15	1 24	2 1	18 23	0 59	13 11	1 7	23 17	0 13	22 22	1 5	21 27	0 36	21 51	1 16	18 21	16 31	10 24	10 51	3 17	11 48	7 0
S 11	13 2	3 50	3 35	0 52	2 11	18 4	1 0	12 57	1 6	23 17	0 12	22 22	1 6	21 27	0 36	21 51	1 16	18 22	16 32	10 20	10 50	3 19	11 49	7 0
M12	12 43	0s 2	2 46	0 22	2 21	17 44	1 2	12 44	1 6	23 17	0 12	22 23	1 6	21 28	0 36	21 52	1 16	18 22	16 32	10 17	10 49	3 21	11 50	6 59
T 13	12 23	3 53	1 50	0s 8	2 30	17 24	1 4	12 30	1 6	23 17	0 12	22 23	1 6	21 28	0 36	21 52	1 16	18 23	16 32	10 16	10 48	3 23	11 51	6 59
W14	12 3	7 34	0 49	0 36	2 40	17 4	1 5	12 16	1 6	23 17	0 12	22 23	1 6	21 29	0 36	21 52	1 16	18 24	16 32	10 15	10 47	3 25	11 52	6 59
T 15	11 42	10 58	0n14	1 3	2 49	16 42	1 7	12 2	1 6	23 17	0 12	22 23	1 6	21 29	0 36	21 52	1 16	18 24	16 32	10 15	10 46	3 27	11 53	6 59
F 16	11 22	13 57	1 17	1 29	2 58	16 21	1 8	11 48	1 6	23 16	0 12	22 23	1 6	21 29	0 36	21 52	1 16	18 25	16 32	10 15	10 45	3 28	11 54	6 58
S 17	11 1	16 22	2 18	1 52	3 7	15 59	1 10	11 34	1 5	23 16	0 12	22 23	1 6	21 30	0 36	21 52	1 16	18 25	16 32	10 15	10 43	3 30	11 55	6 58
S 18	10 40	18 6	3 14	2 14	3 15	15 36	1 11	11 20	1 5	23 16	0 12	22 23	1 6	21 30	0 36	21 52	1 16	18 26	16 33	10 15	10 42	3 32	11 56	6 58
M19	10 19	18 58	4 2	2 34	3 23	15 13	1 12	11 6	1 5	23 16	0 12	22 23	1 6	21 30	0 36	21 52	1 16	18 26	16 33	10 15	10 41	3 34	11 57	6 58
T 20	9 58	18 53	4 39	2 51	3 31	14 50	1 14	10 52	1 5	23 16	0 12	22 23	1 6	21 31	0 36	21 52	1 16	18 27	16 33	10 14	10 40	3 36	11 57	6 58
W21	9 37	17 43	5 2	3 6	3 38	14 26	1 15	10 38	1 5	23 15	0 12	22 24	1 6	21 31	0 36	21 52	1 16	18 28	16 33	10 12	10 39	3 38	11 58	6 57
T 22	9 15	15 28	5 7	3 19	3 45	14 2	1 16	10 23	1 5	23 15	0 12	22 24	1 6	21 31	0 36	21 52	1 15	18 28	16 33	10 10	10 38	3 40	11 59	6 57
F 23	8 54	12 11	4 54	3 28	3 51	13 37	1 17	10 9	1 4	23 15	0 12	22 24	1 6	21 32	0 36	21 52	1 15	18 29	16 33	10 7	10 37	3 42	12 0	6 57
S 24	8 32	8 5	4 21	3 35	3 56	13 12	1 18	9 54	1 4	23 15	0 11	22 24	1 6	21 32	0 36	21 52	1 15	18 29	16 33	10 4	10 35	3 44	12 1	6 56
S 25	8 10	3 24	3 29	3 39	4 0	12 47	1 19	9 40	1 4	23 14	0 11	22 24	1 6	21 32	0 36	21 52	1 15	18 30	16 33	10 2	10 34	3 46	12 2	6 56
M26	7 48	1n32	2 23	3 39	4 4	12 21	1 20	9 25	1 4	23 14	0 11	22 24	1 6	21 32	0 36	21 52	1 15	18 30	16 34	10 0	10 33	3 48	12 3	6 56
T 27	7 26	6 20	1 6	3 35	4 6	11 55	1 21	9 11	1 4	23 14	0 11	22 24	1 6	21 33	0 36	21 52	1 15	18 31	16 34	9 59	10 32	3 49	12 4	6 56
W28	7 3	10 40	0s13	3 27	4 7	11 29	1 21	8 56	1 3	23 13	0 11	22 24	1 6	21 33	0 35	21 52	1 15	18 31	16 34	9 59	10 31	3 51	12 5	6 55
T 29	6 41	14 16	1 31	3 16	4 6	11 2	1 22	8 41	1 3	23 13	0 11	22 24	1 6	21 33	0 35	21 52	1 15	18 32	16 34	9 59	10 30	3 53	12 5	6 55
F 30	6 18	16 55	2 41	3 0	4 4	10 35	1 23	8 26	1 3	23 13	0 11	22 24	1 6	21 33	0 35	21 52	1 15	18 32	16 34	10 0	10 29	3 55	12 6	6 55
S 31	5n56	18n29	3s39	2s40	4s 0	10n 8	1n23	8n11	1n 3	23n13	0s11	22n24	1s 6	21s34	0s35	21s52	1n15	18s33	16s34	10s 0	10s27	3s57	12s 7	6n54

Julian Day Number = 2205226.5, Delta T = 09m45s
Ecliptic obliquity = 23°31'29, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°20'02, Lahiri = 14°27'02 Julian Calendar 1 Aug. 1325 == Greg. Calendar 9 Aug. 1325

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ASTRODIENST EPHEMERIS for the year 1325
geocentric

SEPTEMBER 1325 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	23 11 26	15♍58'44	23♊56	26°R41	8♍35	12♍17	6♋ 5	27♊33	26°R12	19♐38	21°R27	25°R47	26♎59	5♎41	6°R 4	S 1
M 2	23 15 23	16°57'23	6♋58	25♍47	9°49	12°56	6°13	27°36	26♏11	19°39	21♓26	25♎46	26°56	5°47	6♒ 2	M 2
T 3	23 19 19	17°56'04	19°43	24°49	11° 4	13°34	6°21	27°39	26°10	19°39	21°25	25°42	26°53	5°54	5°59	T 3
W 4	23 23 16	18°54'48	2♌14	23°47	12°19	14°13	6°29	27°43	26° 9	19°39	21°24	25°37	26°50	6° 0	5°57	W 4
T 5	23 27 12	19°53'33	14°32	22°43	13°34	14°52	6°37	27°46	26° 8	19°40	21°22	25°31	26°47	6° 7	5°55	T 5
F 6	23 31 9	20°52'21	26°41	21°37	14°48	15°30	6°45	27°49	26° 7	19°40	21°21	25°24	26°44	6°14	5°53	F 6
S 7	23 35 6	21°51'11	8♍41	20°32	16° 3	16° 9	6°52	27°52	26° 6	19°41	21°20	25°18	26°40	6°20	5°52	S 7
S 8	23 39 2	22°50'03	20°36	19°28	17°18	16°48	7° 0	27°54	26° 5	19°41	21°19	25°13	26°37	6°27	5°50	S 8
M 9	23 42 59	23°48'57	2♎25	18°29	18°33	17°26	7° 7	27°57	26° 4	19°42	21°18	25° 9	26°34	6°34	5°48	M 9
T 10	23 46 55	24°47'52	14°13	17°35	19°48	18° 5	7°14	28° 0	26° 3	19°42	21°16	25° 7	26°31	6°40	5°46	T 10
W11	23 50 52	25°46'50	25°59	16°48	21° 3	18°44	7°21	28° 2	26° 2	19°43	21°15	25°D 7	26°28	6°47	5°44	W11
T 12	23 54 48	26°45'50	7♏49	16° 9	22°17	19°23	7°28	28° 4	26° 1	19°43	21°14	25° 7	26°24	6°54	5°43	T 12
F 13	23 58 45	27°44'52	19°45	15°39	23°32	20° 1	7°35	28° 7	26° 0	19°44	21°13	25° 9	26°21	7° 0	5°41	F 13
S 14	0 2 41	28°43'55	1♐50	15°19	24°47	20°40	7°41	28° 9	26° 0	19°45	21°12	25°11	26°18	7° 7	5°40	S 14
S 15	0 6 38	29°43'01	14° 9	15°D 9	26° 2	21°19	7°47	28°11	25°59	19°45	21°10	25°12	26°15	7°14	5°38	S 15
M16	0 10 34	0♎42'08	26°47	15°10	27°17	21°58	7°54	28°13	25°58	19°46	21° 9	25°R13	26°12	7°20	5°37	M16
T 17	0 14 31	1°41'17	9♑48	15°21	28°32	22°37	8° 0	28°14	25°58	19°47	21° 8	25°13	26° 9	7°27	5°36	T 17
W18	0 18 28	2°40'28	23°14	15°42	29°47	23°16	8° 6	28°16	25°57	19°48	21° 7	25°12	26° 5	7°34	5°34	W18
T 19	0 22 24	3°39'41	7♒ 9	16°14	1♏ 2	23°55	8°11	28°18	25°57	19°48	21° 6	25° 9	26° 2	7°40	5°33	T 19
F 20	0 26 21	4°38'55	21°31	16°54	2°17	24°33	8°17	28°19	25°56	19°49	21° 5	25° 7	25°59	7°47	5°32	F 20
S 21	0 30 17	5°38'11	6♓17	17°43	3°32	25°12	8°22	28°21	25°56	19°50	21° 3	25° 4	25°56	7°54	5°31	S 21
S 22	0 34 14	6°37'29	21°21	18°40	4°47	25°51	8°28	28°22	25°56	19°51	21° 2	25° 2	25°53	8° 0	5°30	S 22
M23	0 38 10	7°36'50	6♈35	19°44	6° 2	26°30	8°33	28°23	25°56	19°52	21° 1	25° 0	25°50	8° 7	5°29	M23
T 24	0 42 7	8°36'12	21°48	20°54	7°17	27° 9	8°37	28°24	25°55	19°53	21° 0	25°D 0	25°46	8°14	5°28	T 24
W25	0 46 3	9°35'36	6♉52	22° 9	8°32	27°48	8°42	28°25	25°55	19°54	20°59	25° 0	25°43	8°20	5°27	W25
T 26	0 50 0	10°35'03	21°37	23°30	9°47	28°27	8°47	28°26	25°55	19°55	20°58	25° 1	25°40	8°27	5°27	T 26
F 27	0 53 57	11°34'31	5♊58	24°55	11° 3	29° 6	8°51	28°27	25°55	19°56	20°57	25° 2	25°37	8°33	5°26	F 27
S 28	0 57 53	12°34'03	19°54	26°23	12°18	29°45	8°55	28°27	25°D55	19°57	20°55	25° 3	25°34	8°40	5°25	S 28
S 29	1 1 50	13°33'36	3♋22	27°54	13°33	0♎25	8°59	28°28	25°55	19°58	20°54	25° 4	25°30	8°47	5°25	S 29
M30	1 5 46	14♎33'12	16♋27	29♍28	14♎48	1♎ 4	9♋ 3	28♊28	25♑55	20♐ 0	20♓53	25°R 4	25♎27	8♎53	5♒24	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	5n33	18n59	4s25	2s16	3s55	9n41	1n24	7n56	1n 3	23n12	0s11	22n24	1s 6	21s34	0s35	21s52	1n15	18s34	16s34	10s 0	10s26	3s59	12s 8	6n54
M 2	5 10	18 26	4 55	1 48	3 47	9 13	1 24	7 41	1 2	23 12	0 11	22 24	1 6	21 34	0 35	21 52	1 15	18 34	16 34	9 59	10 25	4 1	12 9	6 54
T 3	4 47	16 58	5 9	1 16	3 38	8 45	1 25	7 26	1 2	23 12	0 11	22 24	1 6	21 34	0 35	21 53	1 15	18 35	16 34	9 58	10 24	4 3	12 10	6 53
W 4	4 24	14 43	5 9	0 41	3 26	8 16	1 25	7 11	1 2	23 11	0 11	22 24	1 6	21 34	0 35	21 53	1 15	18 35	16 34	9 56	10 23	4 5	12 11	6 53
T 5	4 1	11 50	4 54	0 3	3 13	7 48	1 25	6 56	1 2	23 11	0 10	22 24	1 6	21 35	0 35	21 53	1 15	18 36	16 34	9 54	10 22	4 6	12 11	6 53
F 6	3 38	8 29	4 26	0n37	2 58	7 19	1 25	6 41	1 1	23 11	0 10	22 24	1 6	21 35	0 35	21 53	1 15	18 36	16 34	9 52	10 20	4 8	12 12	6 52
S 7	3 15	4 50	3 47	1 18	2 41	6 50	1 25	6 25	1 1	23 10	0 10	22 24	1 6	21 35	0 35	21 53	1 15	18 37	16 34	9 49	10 19	4 10	12 13	6 52
S 8	2 51	1 1	2 58	1 59	2 23	6 21	1 25	6 10	1 1	23 10	0 10	22 24	1 6	21 35	0 35	21 53	1 15	18 37	16 34	9 48	10 18	4 12	12 14	6 51
M 9	2 28	2s49	2 1	2 40	2 4	5 51	1 25	5 55	1 1	23 10	0 10	22 24	1 6	21 35	0 35	21 53	1 15	18 38	16 34	9 46	10 17	4 14	12 15	6 51
T 10	2 4	6 32	1 0	3 19	1 44	5 22	1 25	5 39	1 0	23 10	0 10	22 24	1 6	21 36	0 35	21 53	1 15	18 38	16 34	9 45	10 16	4 16	12 15	6 51
W11	1 41	10 0	0n 5	3 56	1 24	4 52	1 25	5 24	1 0	23 9	0 10	22 24	1 6	21 36	0 35	21 53	1 14	18 38	16 34	9 45	10 15	4 18	12 16	6 50
T 12	1 17	13 4	1 9	4 30	1 4	4 22	1 25	5 8	1 0	23 9	0 10	22 24	1 6	21 36	0 35	21 53	1 14	18 39	16 34	9 45	10 14	4 20	12 17	6 50
F 13	0 54	15 37	2 11	5 0	0 44	3 52	1 25	4 53	1 0	23 9	0 10	22 24	1 6	21 36	0 35	21 53	1 14	18 39	16 34	9 46	10 12	4 22	12 18	6 49
S 14	0 30	17 31	3 9	5 26	0 24	3 22	1 24	4 37	0 59	23 8	0 10	22 24	1 6	21 36	0 35	21 54	1 14	18 40	16 34	9 47	10 11	4 23	12 18	6 49
S 15	0 7	18 38	3 58	5 47	0 6	2 52	1 24	4 22	0 59	23 8	0 10	22 24	1 6	21 36	0 35	21 54	1 14	18 40	16 34	9 47	10 10	4 25	12 19	6 49
M16	0s17	18 51	4 38	6 3	0n12	2 22	1 23	4 6	0 59	23 8	0 10	22 24	1 6	21 36	0 35	21 54	1 14	18 41	16 34	9 47	10 9	4 27	12 20	6 48
T 17	0 40	18 6	5 4	6 14	0 28	1 51	1 23	3 50	0 59	23 8	0 9	22 24	1 7	21 36	0 35	21 54	1 14	18 41	16 34	9 47	10 8	4 29	12 21	6 48
W18	1 4	16 20	5 16	6 19	0 43	1 21	1 22	3 35	0 58	23 7	0 9	22 24	1 7	21 36	0 35	21 54	1 14	18 42	16 34	9 47	10 7	4 31	12 21	6 47
T 19	1 28	13 34	5 9	6 20	0 57	0 50	1 22	3 19	0 58	23 7	0 9	22 24	1 7	21 36	0 35	21 54	1 14	18 42	16 34	9 46	10 5	4 33	12 22	6 47
F 20	1 51	9 55	4 43	6 15	1 9	0 19	1 21	3 3	0 58	23 7	0 9	22 24	1 7	21 36	0 35	21 54	1 14	18 42	16 34	9 45	10 4	4 35	12 23	6 47
S 21	2 15	5 33	3 58	6 6	1 20	0s11	1 20	2 48	0 58	23 6	0 9	22 24	1 7	21 37	0 35	21 54	1 14	18 43	16 34	9 44	10 3	4 37	12 23	6 46
S 22	2 38	0 45	2 56	5 52	1 29	0 42	1 19	2 32	0 57	23 6	0 9	22 24	1 7	21 37	0 35	21 54	1 14	18 43	16 34	9 43	10 2	4 38	12 24	6 46
M23	3 2	4n 9	1 40	5 34	1 37	1 12	1 18	2 16	0 57	23 6	0 9	22 24	1 7	21 37	0 35	21 55	1 14	18 43	16 33	9 43	10 1	4 40	12 25	6 45
T 24	3 25	8 48	0 18	5 13	1 44	1 43	1 17	2 0	0 57	23 6	0 9	22 24	1 7	21 37	0 35	21 55	1 14	18 44	16 33	9 43	10 0	4 42	12 25	6 45
W25	3 49	12 49	1s 5	4 48	1 50	2 14	1 16	1 44	0 57	23 6	0 9	22 24	1 7	21 37	0 35	21 55	1 14	18 44	16 33	9 43	9 58	4 44	12 26	6 44
T 26	4 12	15 56	2 22	4 20	1 54	2 44	1 15	1 29	0 56	23 5	0 9	22 24	1 7	21 37	0 35	21 55	1 14	18 45	16 33	9 43	9 57	4 46	12 27	6 44
F 27	4 36	17 58	3 28	3 49	1 57	3 15	1 14	1 13	0 56	23 5	0 9	22 24	1 7	21 37	0 35	21 55	1 14	18 45	16 33	9 43	9 56	4 48	12 27	6 43
S 28	4 59	18 49	4 20	3 16	1 59	3 45	1 13	0 57	0 56	23 5	0 8	22 24	1 7	21 37	0 35	21 55	1 14	18 45	16 33	9 44	9 55	4 50	12 28	6 43
S 29	5 22	18 34	4 55	2 40	2 0	4 16	1 12	0 41	0 55	23 5	0 8	22 24	1 7	21 37	0 35	21 55	1 14	18 46	16 33	9 44	9 54	4 51	12 28	6 43
M30	5s45	17n19	5s14	2n 3	2n 0	4s46	1n10	0n25	0n55	23n 5	0s 8	22n24	1s 7	21s37	0s35	21s55	1n14	18s46	16s33	9s44	9s53	4s53	12s29	6n42

Julian Day Number = 2205257.5, Delta T = 09m45s
Ecliptic obliquity = 23°31'29, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°20'06, Lahiri = 14°27'07 Julian Calendar 1 Sept. 1325 == Greg. Calendar 9 Sept. 1325

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OCTOBER 1325 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	1 9 43	15♎32'51	29♋ 9	1♎ 3	16♎ 3	1♎43	9♋ 7	28♊28	25♑55	20♐ 1	20°R52	25°R 3	25♎24	9♎ 0	5°R24	T 1
W 2	1 13 39	16°32'31	11♌34	2°41	17°18	2°22	9°10	28°29	25°55	20° 2	20♓51	25♎ 3	25°21	9° 7	5♒23	W 2
T 3	1 17 36	17°32'14	23°44	4°19	18°33	3° 1	9°14	28°R29	25°56	20° 3	20°50	25° 2	25°18	9°13	5°23	T 3
F 4	1 21 32	18°31'59	5♍44	5°58	19°49	3°40	9°17	28°29	25°56	20° 5	20°49	25° 1	25°15	9°20	5°23	F 4
S 5	1 25 29	19°31'46	17°37	7°39	21° 4	4°20	9°20	28°28	25°56	20° 6	20°48	25° 0	25°11	9°27	5°23	S 5
S 6	1 29 26	20°31'35	29°26	9°19	22°19	4°59	9°23	28°28	25°57	20° 7	20°47	24°59	25° 8	9°33	5°23	S 6
M 7	1 33 22	21°31'26	11♎13	11° 0	23°34	5°38	9°25	28°28	25°57	20° 9	20°46	24°59	25° 5	9°40	5°D23	M 7
T 8	1 37 19	22°31'20	23° 2	12°41	24°49	6°18	9°28	28°27	25°58	20°10	20°45	24°D59	25° 2	9°47	5°23	T 8
W 9	1 41 15	23°31'15	4♏53	14°22	26° 5	6°57	9°30	28°27	25°58	20°11	20°44	24°59	24°59	9°53	5°23	W 9
T 10	1 45 12	24°31'13	16°50	16° 3	27°20	7°36	9°32	28°26	25°59	20°13	20°43	24°R59	24°55	10° 0	5°23	T 10
F 11	1 49 8	25°31'12	28°54	17°44	28°35	8°16	9°34	28°25	25°59	20°14	20°42	24°59	24°52	10° 7	5°23	F 11
S 12	1 53 5	26°31'13	11♐ 7	19°24	29°50	8°55	9°35	28°24	26° 0	20°16	20°41	24°59	24°49	10°13	5°24	S 12
S 13	1 57 1	27°31'16	23°33	21° 4	1♏ 6	9°35	9°37	28°23	26° 1	20°17	20°40	24°59	24°46	10°20	5°24	S 13
M14	2 0 58	28°31'20	6♑15	22°44	2°21	10°14	9°38	28°22	26° 2	20°19	20°39	24°58	24°43	10°27	5°24	M14
T 15	2 4 55	29°31'26	19°14	24°24	3°36	10°54	9°39	28°20	26° 3	20°20	20°38	24°58	24°40	10°33	5°25	T 15
W16	2 8 51	0♏31'34	2♒34	26° 3	4°51	11°33	9°40	28°19	26° 3	20°22	20°38	24°D58	24°36	10°40	5°25	W16
T 17	2 12 48	1°31'43	16°17	27°42	6° 7	12°13	9°40	28°18	26° 4	20°24	20°37	24°58	24°33	10°46	5°26	T 17
F 18	2 16 44	2°31'54	0♓24	29°20	7°22	12°52	9°41	28°16	26° 5	20°25	20°36	24°59	24°30	10°53	5°27	F 18
S 19	2 20 41	3°32'06	14°52	0♏58	8°37	13°32	9°41	28°14	26° 6	20°27	20°35	24°59	24°27	11° 0	5°28	S 19
S 20	2 24 37	4°32'20	29°40	2°36	9°52	14°11	9°R41	28°12	26° 8	20°29	20°34	25° 0	24°24	11° 6	5°28	S 20
M21	2 28 34	5°32'35	14♈41	4°13	11° 8	14°51	9°41	28°10	26° 9	20°30	20°33	25° 1	24°21	11°13	5°29	M21
T 22	2 32 30	6°32'52	29°47	5°50	12°23	15°30	9°40	28° 8	26°10	20°32	20°33	25°R 1	24°17	11°20	5°30	T 22
W23	2 36 27	7°33'11	14♉50	7°27	13°38	16°10	9°40	28° 6	26°11	20°34	20°32	25° 0	24°14	11°26	5°31	W23
T 24	2 40 23	8°33'32	29°41	9° 3	14°54	16°50	9°39	28° 4	26°12	20°36	20°31	24°59	24°11	11°33	5°33	T 24
F 25	2 44 20	9°33'54	14♊12	10°39	16° 9	17°30	9°38	28° 2	26°14	20°37	20°30	24°57	24° 8	11°40	5°34	F 25
S 26	2 48 17	10°34'18	28°18	12°15	17°24	18° 9	9°37	27°59	26°15	20°39	20°30	24°55	24° 5	11°46	5°35	S 26
S 27	2 52 13	11°34'45	11♋57	13°50	18°39	18°49	9°35	27°57	26°17	20°41	20°29	24°53	24° 1	11°53	5°36	S 27
M28	2 56 10	12°35'13	25° 8	15°25	19°55	19°29	9°34	27°54	26°18	20°43	20°28	24°52	23°58	12° 0	5°38	M28
T 29	3 0 6	13°35'43	7♌55	16°59	21°10	20° 9	9°32	27°51	26°20	20°45	20°28	24°D51	23°55	12° 6	5°39	T 29
W30	3 4 3	14°36'15	20°20	18°34	22°25	20°49	9°30	27°48	26°21	20°47	20°27	24°51	23°52	12°13	5°41	W30
T 31	3 7 59	15♏36'48	2♍29	20♏ 8	23♏41	21♎28	9♋28	27♊45	26♑23	20♐49	20♓26	24♎52	23♎49	12♎20	5♒42	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	6s 9	15n14	5s17	1n24	2n 0	5s16	1n 9	0n 9	0n55	23n 4	0s 8	22n24	1s 7	21s36	0s35	21s56	1n13	18s46	16s32	9s44	9s52	4s55	12s29	6n42
W 2	6 32	12 30	5 5	0 45	1 58	5 47	1 8	0s 7	0 54	23 4	0 8	22 24	1 7	21 36	0 35	21 56	1 13	18 46	16 32	9 44	9 50	4 57	12 30	6 41
T 3	6 54	9 16	4 39	0 4	1 56	6 17	1 6	0 23	0 54	23 4	0 8	22 24	1 7	21 36	0 35	21 56	1 13	18 47	16 32	9 43	9 49	4 59	12 30	6 41
F 4	7 17	5 42	4 1	0s38	1 54	6 47	1 5	0 39	0 54	23 4	0 8	22 24	1 7	21 36	0 35	21 56	1 13	18 47	16 32	9 43	9 48	5 1	12 31	6 40
S 5	7 40	1 57	3 13	1 21	1 51	7 16	1 3	0 54	0 54	23 4	0 8	22 24	1 7	21 36	0 35	21 56	1 13	18 47	16 32	9 43	9 47	5 2	12 31	6 40
S 6	8 3	1s52	2 17	2 4	1 47	7 46	1 1	1 10	0 53	23 4	0 8	22 24	1 7	21 36	0 35	21 56	1 13	18 48	16 32	9 42	9 46	5 4	12 32	6 39
M 7	8 25	5 37	1 16	2 47	1 43	8 16	1 0	1 26	0 53	23 4	0 8	22 24	1 7	21 36	0 35	21 56	1 13	18 48	16 32	9 42	9 45	5 6	12 32	6 39
T 8	8 48	9 9	0 11	3 31	1 39	8 45	0 58	1 42	0 53	23 4	0 7	22 24	1 7	21 36	0 35	21 57	1 13	18 48	16 31	9 42	9 43	5 8	12 33	6 38
W 9	9 10	12 20	0n55	4 15	1 34	9 14	0 56	1 58	0 52	23 4	0 7	22 24	1 7	21 36	0 35	21 57	1 13	18 48	16 31	9 42	9 42	5 10	12 33	6 38
T 10	9 32	15 2	1 59	4 58	1 29	9 43	0 55	2 14	0 52	23 4	0 7	22 24	1 7	21 36	0 35	21 57	1 13	18 48	16 31	9 42	9 41	5 12	12 34	6 37
F 11	9 54	17 5	2 58	5 42	1 23	10 11	0 53	2 30	0 52	23 4	0 7	22 24	1 7	21 35	0 35	21 57	1 13	18 49	16 31	9 42	9 40	5 14	12 34	6 37
S 12	10 16	18 24	3 50	6 25	1 18	10 40	0 51	2 46	0 51	23 4	0 7	22 24	1 7	21 35	0 35	21 57	1 13	18 49	16 31	9 42	9 39	5 15	12 34	6 37
S 13	10 38	18 51	4 32	7 8	1 12	11 8	0 49	3 2	0 51	23 4	0 7	22 24	1 7	21 35	0 34	21 57	1 13	18 49	16 30	9 42	9 38	5 17	12 35	6 36
M14	10 59	18 22	5 1	7 51	1 6	11 36	0 47	3 17	0 51	23 4	0 7	22 24	1 7	21 35	0 34	21 57	1 13	18 49	16 30	9 42	9 36	5 19	12 35	6 36
T 15	11 21	16 55	5 16	8 34	1 0	12 3	0 45	3 33	0 50	23 4	0 7	22 24	1 7	21 35	0 34	21 58	1 13	18 49	16 30	9 42	9 35	5 21	12 35	6 35
W16	11 42	14 32	5 15	9 16	0 53	12 31	0 43	3 49	0 50	23 4	0 7	22 24	1 7	21 35	0 34	21 58	1 13	18 49	16 30	9 42	9 34	5 23	12 36	6 35
T 17	12 3	11 18	4 56	9 58	0 47	12 58	0 41	4 5	0 50	23 4	0 7	22 23	1 7	21 34	0 34	21 58	1 13	18 50	16 29	9 42	9 33	5 25	12 36	6 34
F 18	12 24	7 20	4 19	10 39	0 40	13 25	0 39	4 21	0 49	23 4	0 6	22 23	1 7	21 34	0 34	21 58	1 13	18 50	16 29	9 42	9 32	5 26	12 36	6 34
S 19	12 44	2 50	3 25	11 20	0 34	13 51	0 37	4 36	0 49	23 4	0 6	22 23	1 7	21 34	0 34	21 58	1 13	18 50	16 29	9 42	9 31	5 28	12 37	6 33
S 20	13 5	1n57	2 16	12 0	0 27	14 17	0 34	4 52	0 48	23 4	0 6	22 23	1 7	21 34	0 34	21 58	1 13	18 50	16 29	9 43	9 29	5 30	12 37	6 33
M21	13 25	6 41	0 57	12 39	0 21	14 43	0 32	5 8	0 48	23 4	0 6	22 23	1 7	21 33	0 34	21 59	1 13	18 50	16 28	9 43	9 28	5 32	12 37	6 32
T 22	13 45	11 1	0s27	13 18	0 14	15 8	0 30	5 24	0 48	23 4	0 6	22 23	1 7	21 33	0 34	21 59	1 13	18 50	16 28	9 43	9 27	5 34	12 37	6 32
W23	14 5	14 38	1 48	13 56	0 7	15 33	0 28	5 39	0 47	23 4	0 6	22 23	1 7	21 33	0 34	21 59	1 13	18 50	16 28	9 43	9 26	5 35	12 38	6 31
T 24	14 24	17 13	3 1	14 33	0 0	15 57	0 25	5 55	0 47	23 5	0 6	22 23	1 7	21 33	0 34	21 59	1 13	18 50	16 28	9 42	9 25	5 37	12 38	6 31
F 25	14 44	18 36	4 0	15 10	0s 6	16 21	0 23	6 10	0 47	23 5	0 6	22 23	1 7	21 32	0 34	21 59	1 13	18 50	16 27	9 42	9 23	5 39	12 38	6 31
S 26	15 3	18 48	4 43	15 46	0 13	16 45	0 21	6 26	0 46	23 5	0 6	22 23	1 7	21 32	0 34	21 59	1 12	18 50	16 27	9 41	9 22	5 41	12 38	6 30
S 27	15 22	17 52	5 9	16 21	0 19	17 8	0 19	6 41	0 46	23 5	0 5	22 23	1 7	21 32	0 34	21 59	1 12	18 50	16 27	9 40	9 21	5 43	12 38	6 30
M28	15 40	15 59	5 17	16 56	0 26	17 31	0 16	6 57	0 45	23 5	0 5	22 23	1 7	21 31	0 34	22 0	1 12	18 50	16 27	9 40	9 20	5 45	12 38	6 29
T 29	15 59	13 23	5 8	17 29	0 32	17 54	0 14	7 12	0 45	23 6	0 5	22 23	1 7	21 31	0 34	22 0	1 12	18 50	16 26	9 39	9 19	5 46	12 38	6 29
W30	16 17	10 14	4 46	18 2	0 39	18 15	0 11	7 28	0 45	23 6	0 5	22 23	1 7	21 31	0 34	22 0	1 12	18 50	16 26	9 39	9 18	5 48	12 38	6 28
T 31	16s34	6n43	4s11	18s34	0s45	18s37	0n 9	7s43	0n44	23n 6	0s 5	22n23	1s 7	21s31	0s34	22s 0	1n12	18s50	16s26	9s40	9s16	5s50	12s38	6n28

Julian Day Number = 2205287.5, Delta T = 09m45s
Ecliptic obliquity = 23°31'29, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°20'10, Lahiri = 14°27'11 Julian Calendar 1 Oct. 1325 == Greg. Calendar 9 Oct. 1325

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1325
geocentric

NOVEMBER 1325 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	3 11 56	16♏37'24	14♍26	21♏42	24♏56	22♎ 8	9°R25	27°R42	26♑25	20♐51	20°R26	24♎53	23♎46	12♎26	5♒44	F 1
S 2	3 15 52	17°38'01	26°15	23°16	26°11	22°48	9♋23	27♊39	26°26	20°53	20♓25	24°55	23°42	12°33	5°45	S 2
S 3	3 19 49	18°38'40	8♎ 2	24°49	27°26	23°28	9°20	27°36	26°28	20°55	20°25	24°56	23°39	12°39	5°47	S 3
M 4	3 23 46	19°39'20	19°50	26°23	28°42	24° 8	9°17	27°33	26°30	20°57	20°24	24°R57	23°36	12°46	5°49	M 4
T 5	3 27 42	20°40'02	1♏42	27°56	29°57	24°48	9°14	27°29	26°32	20°59	20°24	24°57	23°33	12°53	5°51	T 5
W 6	3 31 39	21°40'46	13°41	29°29	1♐12	25°28	9°11	27°26	26°34	21° 1	20°23	24°56	23°30	12°59	5°53	W 6
T 7	3 35 35	22°41'31	25°49	1♐ 2	2°28	26° 8	9° 7	27°22	26°36	21° 3	20°23	24°53	23°27	13° 6	5°55	T 7
F 8	3 39 32	23°42'17	8♐ 7	2°34	3°43	26°48	9° 3	27°19	26°38	21° 5	20°22	24°49	23°23	13°13	5°57	F 8
S 9	3 43 28	24°43'05	20°37	4° 7	4°58	27°28	8°59	27°15	26°40	21° 7	20°22	24°44	23°20	13°19	5°59	S 9
S 10	3 47 25	25°43'54	3♑19	5°39	6°14	28° 9	8°55	27°11	26°42	21° 9	20°21	24°38	23°17	13°26	6° 1	S 10
M11	3 51 21	26°44'44	16°14	7°12	7°29	28°49	8°51	27° 7	26°44	21°11	20°21	24°33	23°14	13°33	6° 4	M11
T 12	3 55 18	27°45'35	29°22	8°44	8°44	29°29	8°47	27° 3	26°46	21°13	20°21	24°29	23°11	13°39	6° 6	T 12
W13	3 59 15	28°46'27	12♒45	10°16	9°59	0♏ 9	8°42	26°59	26°48	21°15	20°20	24°26	23° 7	13°46	6° 8	W13
T 14	4 3 11	29°47'20	26°23	11°48	11°15	0°49	8°37	26°55	26°50	21°17	20°20	24°D25	23° 4	13°53	6°11	T 14
F 15	4 7 8	0♐48'13	10♓18	13°19	12°30	1°30	8°32	26°51	26°53	21°19	20°20	24°25	23° 1	13°59	6°13	F 15
S 16	4 11 4	1°49'08	24°28	14°51	13°45	2°10	8°27	26°47	26°55	21°22	20°20	24°26	22°58	14° 6	6°16	S 16
S 17	4 15 1	2°50'03	8♈52	16°22	15° 0	2°50	8°22	26°43	26°57	21°24	20°19	24°28	22°55	14°13	6°18	S 17
M18	4 18 57	3°50'59	23°29	17°53	16°16	3°31	8°16	26°38	27° 0	21°26	20°19	24°R29	22°52	14°19	6°21	M18
T 19	4 22 54	4°51'55	8♉12	19°24	17°31	4°11	8°11	26°34	27° 2	21°28	20°19	24°28	22°48	14°26	6°24	T 19
W20	4 26 50	5°52'53	22°58	20°54	18°46	4°51	8° 5	26°30	27° 5	21°30	20°19	24°25	22°45	14°32	6°26	W20
T 21	4 30 47	6°53'52	7♊37	22°24	20° 2	5°32	7°59	26°25	27° 7	21°33	20°19	24°20	22°42	14°39	6°29	T 21
F 22	4 34 44	7°54'51	22° 2	23°53	21°17	6°12	7°53	26°21	27°10	21°35	20°18	24°14	22°39	14°46	6°32	F 22
S 23	4 38 40	8°55'51	6♋ 9	25°22	22°32	6°53	7°47	26°16	27°12	21°37	20°18	24° 6	22°36	14°52	6°35	S 23
S 24	4 42 37	9°56'53	19°51	26°50	23°47	7°33	7°40	26°11	27°15	21°39	20°18	23°58	22°33	14°59	6°38	S 24
M25	4 46 33	10°57'55	3♌ 8	28°17	25° 2	8°14	7°34	26° 7	27°18	21°41	20°18	23°51	22°29	15° 6	6°41	M25
T 26	4 50 30	11°58'58	15°59	29°43	26°18	8°54	7°27	26° 2	27°20	21°44	20°18	23°46	22°26	15°12	6°44	T 26
W27	4 54 26	13° 0'03	28°29	1♑ 8	27°33	9°35	7°21	25°57	27°23	21°46	20°D18	23°43	22°23	15°19	6°47	W27
T 28	4 58 23	14° 1'08	10♍40	2°32	28°48	10°15	7°14	25°52	27°26	21°48	20°18	23°D41	22°20	15°26	6°50	T 28
F 29	5 2 19	15° 2'14	22°37	3°53	0♑ 3	10°56	7° 7	25°48	27°29	21°50	20°18	23°42	22°17	15°32	6°53	F 29
S 30	5 6 16	16♐ 3'21	4♎26	5♑13	1♑19	11♏37	7♋ 0	25♊43	27♑31	21♐53	20♓18	23♎43	22♎13	15♎39	6♒57	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	16s52	2n59	3s26	19s 5	0s51	18s58	0n 7	7s58	0n44	23n 7	0s 5	22n23	1s 7	21s30	0s34	22s 0	1n12	18s50	16s25	9s40	9s15	5s52	12s39	6n27
S 2	17 9	0s50	2 32	19 35	0 58	19 18	0 4	8 14	0 43	23 7	0 5	22 23	1 7	21 30	0 34	22 0	1 12	18 50	16 25	9 41	9 14	5 54	12 39	6 27
S 3	17 26	4 36	1 32	20 4	1 4	19 38	0 2	8 29	0 43	23 7	0 5	22 23	1 7	21 29	0 34	22 1	1 12	18 50	16 25	9 41	9 13	5 55	12 39	6 26
M 4	17 43	8 13	0 28	20 32	1 9	19 57	0s 1	8 44	0 43	23 7	0 4	22 23	1 7	21 29	0 34	22 1	1 12	18 50	16 25	9 42	9 12	5 57	12 39	6 26
T 5	17 59	11 32	0n37	20 59	1 15	20 16	0 3	8 59	0 42	23 8	0 4	22 23	1 7	21 29	0 34	22 1	1 12	18 50	16 24	9 42	9 11	5 59	12 39	6 26
W 6	18 15	14 23	1 41	21 25	1 21	20 34	0 5	9 14	0 42	23 8	0 4	22 23	1 7	21 28	0 34	22 1	1 12	18 50	16 24	9 41	9 9	6 1	12 38	6 25
T 7	18 31	16 40	2 42	21 50	1 26	20 51	0 8	9 29	0 41	23 9	0 4	22 23	1 7	21 28	0 34	22 1	1 12	18 50	16 24	9 40	9 8	6 3	12 38	6 25
F 8	18 46	18 12	3 35	22 14	1 31	21 8	0 10	9 44	0 41	23 9	0 4	22 23	1 7	21 28	0 34	22 1	1 12	18 50	16 23	9 39	9 7	6 4	12 38	6 24
S 9	19 1	18 53	4 19	22 37	1 36	21 25	0 13	9 59	0 40	23 9	0 4	22 23	1 7	21 27	0 34	22 2	1 12	18 50	16 23	9 37	9 6	6 6	12 38	6 24
S 10	19 16	18 38	4 51	22 59	1 41	21 40	0 15	10 14	0 40	23 10	0 4	22 22	1 7	21 27	0 34	22 2	1 12	18 49	16 23	9 35	9 5	6 8	12 38	6 23
M11	19 30	17 25	5 9	23 20	1 46	21 56	0 18	10 28	0 40	23 10	0 4	22 22	1 7	21 26	0 34	22 2	1 12	18 49	16 22	9 33	9 3	6 10	12 38	6 23
T 12	19 44	15 17	5 11	23 39	1 50	22 10	0 20	10 43	0 39	23 11	0 3	22 22	1 7	21 26	0 34	22 2	1 12	18 49	16 22	9 31	9 2	6 12	12 38	6 23
W13	19 57	12 18	4 57	23 57	1 54	22 24	0 22	10 58	0 39	23 11	0 3	22 22	1 7	21 25	0 34	22 2	1 12	18 49	16 22	9 30	9 1	6 13	12 38	6 22
T 14	20 11	8 36	4 25	24 14	1 58	22 37	0 25	11 12	0 38	23 11	0 3	22 22	1 7	21 25	0 34	22 2	1 12	18 49	16 21	9 30	9 0	6 15	12 37	6 22
F 15	20 23	4 22	3 38	24 30	2 2	22 49	0 27	11 27	0 38	23 12	0 3	22 22	1 7	21 24	0 34	22 3	1 12	18 49	16 21	9 30	8 59	6 17	12 37	6 21
S 16	20 36	0n11	2 36	24 44	2 5	23 1	0 30	11 41	0 37	23 12	0 3	22 22	1 7	21 24	0 34	22 3	1 12	18 48	16 21	9 30	8 58	6 19	12 37	6 21
S 17	20 48	4 49	1 24	24 57	2 8	23 12	0 32	11 55	0 37	23 13	0 3	22 22	1 7	21 24	0 34	22 3	1 12	18 48	16 20	9 31	8 56	6 20	12 37	6 21
M18	21 0	9 14	0 5	25 9	2 11	23 23	0 34	12 10	0 36	23 13	0 3	22 22	1 7	21 23	0 34	22 3	1 12	18 48	16 20	9 31	8 55	6 22	12 37	6 20
T 19	21 11	13 7	1s14	25 19	2 13	23 33	0 37	12 24	0 36	23 14	0 2	22 22	1 7	21 23	0 34	22 3	1 12	18 48	16 20	9 31	8 54	6 24	12 36	6 20
W20	21 22	16 11	2 29	25 27	2 15	23 42	0 39	12 38	0 35	23 14	0 2	22 22	1 7	21 22	0 34	22 3	1 12	18 48	16 19	9 30	8 53	6 26	12 36	6 19
T 21	21 32	18 10	3 33	25 35	2 17	23 50	0 41	12 52	0 35	23 15	0 2	22 22	1 7	21 22	0 34	22 4	1 12	18 47	16 19	9 28	8 52	6 28	12 36	6 19
F 22	21 42	18 56	4 22	25 41	2 18	23 57	0 43	13 6	0 34	23 15	0 2	22 22	1 7	21 21	0 34	22 4	1 12	18 47	16 19	9 26	8 50	6 29	12 35	6 19
S 23	21 52	18 29	4 54	25 45	2 18	24 4	0 46	13 19	0 34	23 16	0 2	22 22	1 7	21 21	0 34	22 4	1 12	18 47	16 18	9 23	8 49	6 31	12 35	6 18
S 24	22 1	16 58	5 8	25 48	2 18	24 10	0 48	13 33	0 33	23 16	0 2	22 22	1 7	21 20	0 34	22 4	1 12	18 46	16 18	9 20	8 48	6 33	12 35	6 18
M25	22 10	14 35	5 5	25 49	2 18	24 16	0 50	13 47	0 33	23 17	0 2	22 22	1 6	21 19	0 34	22 4	1 12	18 46	16 18	9 17	8 47	6 35	12 34	6 18
T 26	22 18	11 33	4 46	25 49	2 17	24 20	0 52	14 0	0 32	23 17	0 2	22 21	1 6	21 19	0 34	22 4	1 12	18 46	16 17	9 15	8 46	6 36	12 34	6 17
W27	22 26	8 4	4 14	25 47	2 16	24 24	0 54	14 14	0 32	23 18	0 1	22 21	1 6	21 18	0 34	22 4	1 12	18 45	16 17	9 14	8 45	6 38	12 33	6 17
T 28	22 34	4 20	3 31	25 43	2 13	24 27	0 56	14 27	0 31	23 18	0 1	22 21	1 6	21 18	0 34	22 5	1 12	18 45	16 16	9 14	8 43	6 40	12 33	6 17
F 29	22 41	0 30	2 40	25 38	2 10	24 30	0 58	14 40	0 31	23 19	0 1	22 21	1 6	21 17	0 34	22 5	1 12	18 45	16 16	9 14	8 42	6 42	12 33	6 16
S 30	22s47	3s20	1s42	25s32	2s 7	24s31	1s 0	14s53	0n30	23n19	0s 1	22n21	1s 6	21s17	0s34	22s 5	1n12	18s44	16s16	9s14	8s41	6s44	12s32	6n16

Julian Day Number = 2205318.5, Delta T = 09m45s
Ecliptic obliquity = 23°31'28, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°20'15, Lahiri = 14°27'15 Julian Calendar 1 Nov. 1325 == Greg. Calendar 9 Nov. 1325

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ASTRODIENST EPHEMERIS for the year 1325
geocentric

DECEMBER 1325 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	5 10 13	17♐ 4'29	16♎13	6♑31	2♑34	12♏17	6°R53	25°R38	27♑34	21♐55	20♓18	23♎44	22♎10	15♎46	7♒ 0	S 1
M 2	5 14 9	18° 5'37	28° 2	7°45	3°49	12°58	6♋45	25♊33	27°37	21°57	20°19	23°R44	22° 7	15°52	7° 3	M 2
T 3	5 18 6	19° 6'47	9♏58	8°56	5° 4	13°39	6°38	25°28	27°40	22° 0	20°19	23°42	22° 4	15°59	7° 7	T 3
W 4	5 22 2	20° 7'57	22° 5	10° 4	6°19	14°20	6°30	25°23	27°43	22° 2	20°19	23°38	22° 1	16° 6	7°10	W 4
T 5	5 25 59	21° 9'07	4♐25	11° 7	7°35	15° 0	6°23	25°18	27°46	22° 4	20°19	23°32	21°58	16°12	7°13	T 5
F 6	5 29 55	22°10'18	16°59	12° 5	8°50	15°41	6°15	25°13	27°49	22° 6	20°19	23°23	21°54	16°19	7°17	F 6
S 7	5 33 52	23°11'30	29°49	12°58	10° 5	16°22	6° 7	25° 8	27°52	22° 9	20°20	23°12	21°51	16°25	7°21	S 7
S 8	5 37 49	24°12'42	12♑54	13°43	11°20	17° 3	6° 0	25° 3	27°55	22°11	20°20	23° 1	21°48	16°32	7°24	S 8
M 9	5 41 45	25°13'53	26°12	14°21	12°35	17°44	5°52	24°58	27°58	22°13	20°20	22°50	21°45	16°39	7°28	M 9
T 10	5 45 42	26°15'05	9♒41	14°51	13°50	18°25	5°44	24°53	28° 1	22°15	20°20	22°40	21°42	16°45	7°31	T 10
W11	5 49 38	27°16'17	23°20	15°12	15° 5	19° 6	5°36	24°48	28° 4	22°18	20°21	22°33	21°39	16°52	7°35	W11
T 12	5 53 35	28°17'29	7♓ 7	15°R22	16°21	19°47	5°28	24°43	28° 7	22°20	20°21	22°28	21°35	16°59	7°39	T 12
F 13	5 57 31	29°18'41	21° 1	15°21	17°36	20°28	5°20	24°38	28°11	22°22	20°21	22°27	21°32	17° 5	7°43	F 13
S 14	6 1 28	0♑19'52	5♈ 3	15° 9	18°51	21° 9	5°12	24°33	28°14	22°24	20°22	22°D26	21°29	17°12	7°46	S 14
S 15	6 5 24	1°21'03	19°10	14°45	20° 6	21°50	5° 4	24°29	28°17	22°27	20°22	22°R27	21°26	17°19	7°50	S 15
M16	6 9 21	2°22'14	3♉24	14° 9	21°21	22°31	4°56	24°24	28°20	22°29	20°23	22°26	21°23	17°25	7°54	M16
T 17	6 13 18	3°23'25	17°41	13°22	22°36	23°12	4°48	24°19	28°24	22°31	20°23	22°24	21°19	17°32	7°58	T 17
W18	6 17 14	4°24'35	1♊58	12°24	23°51	23°53	4°40	24°14	28°27	22°33	20°24	22°19	21°16	17°39	8° 2	W18
T 19	6 21 11	5°25'45	16°12	11°18	25° 6	24°34	4°31	24° 9	28°30	22°36	20°24	22°11	21°13	17°45	8° 6	T 19
F 20	6 25 7	6°26'55	0♋17	10° 4	26°21	25°15	4°23	24° 4	28°33	22°38	20°25	22° 0	21°10	17°52	8°10	F 20
S 21	6 29 4	7°28'05	14° 8	8°46	27°36	25°56	4°15	24° 0	28°37	22°40	20°25	21°48	21° 7	17°59	8°14	S 21
S 22	6 33 0	8°29'14	27°41	7°26	28°51	26°38	4° 7	23°55	28°40	22°42	20°26	21°35	21° 4	18° 5	8°18	S 22
M23	6 36 57	9°30'23	10♌54	6° 6	0♒ 6	27°19	3°59	23°50	28°43	22°45	20°27	21°23	21° 0	18°12	8°22	M23
T 24	6 40 53	10°31'32	23°44	4°49	1°21	28° 0	3°51	23°45	28°47	22°47	20°27	21°13	20°57	18°18	8°26	T 24
W25	6 44 50	11°32'41	6♍14	3°38	2°36	28°42	3°43	23°41	28°50	22°49	20°28	21° 6	20°54	18°25	8°30	W25
T 26	6 48 47	12°33'50	18°27	2°33	3°51	29°23	3°35	23°36	28°54	22°51	20°28	21° 1	20°51	18°32	8°35	T 26
F 27	6 52 43	13°34'58	0♎26	1°36	5° 6	0♐ 4	3°27	23°32	28°57	22°53	20°29	20°59	20°48	18°38	8°39	F 27
S 28	6 56 40	14°36'06	12°16	0°49	6°20	0°46	3°19	23°27	29° 0	22°55	20°30	20°59	20°45	18°45	8°43	S 28
S 29	7 0 36	15°37'14	24° 3	0°11	7°35	1°27	3°12	23°23	29° 4	22°58	20°31	20°59	20°41	18°52	8°47	S 29
M30	7 4 33	16°38'22	5♏53	29♐42	8°50	2° 8	3° 4	23°18	29° 7	23° 0	20°31	20°58	20°38	18°58	8°52	M30
T 31	7 8 29	17♑39'30	17♏51	29♐23	10♒ 5	2♐50	2♋56	23♊14	29♑11	23♐ 2	20♓32	20♎56	20♎35	19♎ 5	8♒56	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		⚸	☊	☊	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22s54	7s 1	0s40	25s24	2s 2	24s32	1s 2	15s 6	0n30	23n20	0s 1	22n21	1s 6	21s16	0s34	22s 5	1n12	18s44	16s15	9s15	8s40	6s45	12s32	6n16
M 2	22 59	10 27	0n23	25 14	1 57	24 32	1 4	15 19	0 29	23 20	0 1	22 21	1 6	21 16	0 34	22 5	1 12	18 44	16 15	9 15	8 39	6 47	12 31	6 15
T 3	23 5	13 30	1 26	25 4	1 51	24 32	1 6	15 32	0 29	23 21	0 1	22 21	1 6	21 15	0 34	22 5	1 12	18 43	16 15	9 14	8 37	6 49	12 31	6 15
W 4	23 9	16 0	2 26	24 52	1 43	24 30	1 8	15 45	0 28	23 21	0 0	22 21	1 6	21 14	0 33	22 6	1 12	18 43	16 14	9 13	8 36	6 51	12 30	6 15
T 5	23 14	17 49	3 20	24 38	1 35	24 28	1 10	15 57	0 28	23 22	0 0	22 21	1 6	21 14	0 33	22 6	1 12	18 43	16 14	9 10	8 35	6 52	12 30	6 14
F 6	23 18	18 49	4 5	24 24	1 26	24 25	1 11	16 10	0 27	23 22	0 0	22 21	1 6	21 13	0 33	22 6	1 12	18 42	16 14	9 7	8 34	6 54	12 29	6 14
S 7	23 21	18 52	4 39	24 8	1 15	24 21	1 13	16 22	0 27	23 23	0n 0	22 21	1 5	21 12	0 33	22 6	1 12	18 42	16 13	9 3	8 33	6 56	12 28	6 14
S 8	23 24	17 56	4 59	23 52	1 4	24 17	1 15	16 34	0 26	23 23	0 0	22 21	1 5	21 12	0 33	22 6	1 12	18 41	16 13	8 59	8 31	6 58	12 28	6 13
M 9	23 26	16 1	5 3	23 35	0 51	24 11	1 16	16 46	0 25	23 24	0 0	22 20	1 5	21 11	0 33	22 6	1 12	18 41	16 13	8 54	8 30	6 59	12 27	6 13
T 10	23 28	13 13	4 51	23 18	0 37	24 6	1 18	16 58	0 25	23 24	0 0	22 20	1 5	21 11	0 33	22 6	1 12	18 40	16 12	8 51	8 29	7 1	12 27	6 13
W11	23 30	9 40	4 21	23 1	0 22	23 59	1 19	17 10	0 24	23 25	0 1	22 20	1 5	21 10	0 33	22 6	1 12	18 40	16 12	8 48	8 28	7 3	12 26	6 13
T 12	23 31	5 34	3 37	22 43	0 5	23 51	1 21	17 22	0 24	23 25	0 1	22 20	1 5	21 9	0 33	22 7	1 12	18 40	16 12	8 47	8 27	7 5	12 25	6 12
F 13	23 31	1 8	2 39	22 26	0n12	23 43	1 22	17 33	0 23	23 26	0 1	22 20	1 5	21 9	0 33	22 7	1 12	18 39	16 11	8 46	8 26	7 6	12 25	6 12
S 14	23 31	3n24	1 31	22 9	0 31	23 34	1 23	17 45	0 22	23 26	0 1	22 20	1 5	21 8	0 33	22 7	1 12	18 39	16 11	8 46	8 24	7 8	12 24	6 12
S 15	23 31	7 48	0 17	21 53	0 50	23 25	1 25	17 56	0 22	23 27	0 1	22 20	1 5	21 7	0 33	22 7	1 12	18 38	16 11	8 46	8 23	7 10	12 23	6 11
M16	23 30	11 47	0s58	21 37	1 9	23 14	1 26	18 7	0 21	23 27	0 1	22 20	1 5	21 7	0 33	22 7	1 12	18 38	16 10	8 46	8 22	7 12	12 22	6 11
T 17	23 29	15 5	2 10	21 22	1 29	23 3	1 27	18 18	0 21	23 28	0 1	22 20	1 4	21 6	0 33	22 7	1 12	18 37	16 10	8 45	8 21	7 13	12 22	6 11
W18	23 27	17 28	3 13	21 9	1 48	22 51	1 28	18 29	0 20	23 28	0 2	22 20	1 4	21 5	0 33	22 7	1 12	18 37	16 10	8 43	8 20	7 15	12 21	6 11
T 19	23 25	18 45	4 5	20 56	2 7	22 39	1 29	18 40	0 19	23 29	0 2	22 20	1 4	21 5	0 33	22 8	1 12	18 36	16 9	8 40	8 18	7 17	12 20	6 10
F 20	23 22	18 51	4 40	20 45	2 24	22 26	1 30	18 50	0 19	23 29	0 2	22 20	1 4	21 4	0 33	22 8	1 12	18 36	16 9	8 36	8 17	7 18	12 19	6 10
S 21	23 19	17 49	4 59	20 35	2 39	22 12	1 31	19 1	0 18	23 29	0 2	22 19	1 4	21 3	0 33	22 8	1 12	18 35	16 9	8 31	8 16	7 20	12 19	6 10
S 22	23 15	15 48	5 0	20 27	2 53	21 58	1 32	19 11	0 18	23 30	0 2	22 19	1 4	21 3	0 33	22 8	1 12	18 35	16 8	8 27	8 15	7 22	12 18	6 10
M23	23 11	13 0	4 44	20 20	3 4	21 43	1 33	19 21	0 17	23 30	0 2	22 19	1 4	21 2	0 33	22 8	1 12	18 34	16 8	8 22	8 14	7 24	12 17	6 10
T 24	23 6	9 39	4 15	20 14	3 12	21 27	1 33	19 31	0 16	23 31	0 2	22 19	1 3	21 1	0 33	22 8	1 12	18 33	16 8	8 18	8 12	7 25	12 16	6 9
W25	23 1	5 57	3 34	20 10	3 18	21 11	1 34	19 41	0 16	23 31	0 3	22 19	1 3	21 1	0 33	22 8	1 12	18 33	16 7	8 16	8 11	7 27	12 15	6 9
T 26	22 56	2 5	2 43	20 8	3 22	20 54	1 35	19 51	0 15	23 31	0 3	22 19	1 3	21 0	0 33	22 8	1 12	18 32	16 7	8 14	8 10	7 29	12 14	6 9
F 27	22 50	1s48	1 47	20 8	3 23	20 36	1 35	20 0	0 14	23 32	0 3	22 19	1 3	20 59	0 33	22 8	1 12	18 32	16 7	8 13	8 9	7 31	12 14	6 9
S 28	22 43	5 34	0 46	20 9	3 22	20 18	1 36	20 10	0 14	23 32	0 3	22 19	1 3	20 58	0 33	22 9	1 12	18 31	16 6	8 13	8 8	7 32	12 13	6 9
S 29	22 36	9 7	0n16	20 12	3 20	19 59	1 36	20 19	0 13	23 32	0 3	22 19	1 3	20 58	0 33	22 9	1 12	18 31	16 6	8 13	8 6	7 34	12 12	6 8
M30	22 29	12 18	1 18	20 16	3 15	19 40	1 36	20 28	0 12	23 33	0 3	22 19	1 3	20 57	0 33	22 9	1 12	18 30	16 6	8 13	8 5	7 36	12 11	6 8
T 31	22s21	15s 1	2n17	20s22	3n10	19s20	1s36	20s37	0n12	23n33	0n 3	22n19	1s 2	20s56	0s33	22s 9	1n12	18s29	16s 5	8s12	8s 4	7s37	12s10	6n 8

Julian Day Number = 2205348.5, Delta T = 09m45s
Ecliptic obliquity = 23°31'27, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°20'19, Lahiri = 14°27'19 Julian Calendar 1 Dec. 1325 == Greg. Calendar 9 Dec. 1325

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ASTRODIENST EPHEMERIS for the year 1326
geocentric

JANUARY 1326 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	7 12 26	18♉40'37	0♐ 2	29°R14	11♒20	3♐31	2°R49	23°R10	29♉14	23♐ 4	20♓33	20°R51	20♎32	19♎12	9♒ 0	W 1
T 2	7 16 22	19°41'44	12°30	29°D12	12°34	4°13	2♋41	23♊ 6	29°18	23° 6	20°34	20♎43	20°29	19°18	9° 4	T 2
F 3	7 20 19	20°42'50	25°17	29♐19	13°49	4°54	2°34	23° 2	29°21	23° 8	20°35	20°33	20°25	19°25	9° 9	F 3
S 4	7 24 16	21°43'55	8♉24	29°34	15° 4	5°36	2°27	22°58	29°25	23°10	20°36	20°20	20°22	19°32	9°13	S 4
S 5	7 28 12	22°45'00	21°51	29°55	16°19	6°18	2°19	22°54	29°28	23°12	20°36	20° 7	20°19	19°38	9°18	S 5
M 6	7 32 9	23°46'05	5♒34	0♉22	17°33	6°59	2°12	22°50	29°32	23°14	20°37	19°54	20°16	19°45	9°22	M 6
T 7	7 36 5	24°47'08	19°30	0°55	18°48	7°41	2° 5	22°46	29°35	23°16	20°38	19°42	20°13	19°51	9°26	T 7
W 8	7 40 2	25°48'10	3♓35	1°34	20° 3	8°23	1°58	22°42	29°39	23°18	20°39	19°33	20°10	19°58	9°31	W 8
T 9	7 43 58	26°49'11	17°44	2°16	21°17	9° 4	1°52	22°38	29°42	23°20	20°40	19°27	20° 6	20° 5	9°35	T 9
F 10	7 47 55	27°50'11	1♈53	3° 4	22°32	9°46	1°45	22°35	29°46	23°22	20°41	19°25	20° 3	20°11	9°40	F 10
S 11	7 51 51	28°51'10	16° 2	3°55	23°46	10°28	1°39	22°31	29°49	23°24	20°42	19°D24	20° 0	20°18	9°44	S 11
S 12	7 55 48	29°52'07	0♉ 7	4°49	25° 1	11° 9	1°32	22°28	29°53	23°26	20°43	19°R24	19°57	20°25	9°48	S 12
M13	7 59 45	0♒53'03	14° 9	5°47	26°15	11°51	1°26	22°25	29°56	23°28	20°44	19°23	19°54	20°31	9°53	M13
T 14	8 3 41	1°53'58	28° 7	6°48	27°30	12°33	1°20	22°21	29°59	23°30	20°45	19°21	19°50	20°38	9°57	T 14
W15	8 7 38	2°54'51	12♊ 0	7°51	28°44	13°15	1°14	22°18	0♒ 3	23°32	20°46	19°16	19°47	20°45	10° 2	W15
T 16	8 11 34	3°55'43	25°46	8°57	29°59	13°57	1° 8	22°15	0° 7	23°34	20°47	19° 8	19°44	20°51	10° 6	T 16
F 17	8 15 31	4°56'34	9♋24	10° 4	1♓13	14°39	1° 3	22°12	0°10	23°35	20°49	18°58	19°41	20°58	10°11	F 17
S 18	8 19 27	5°57'23	22°51	11°14	2°27	15°20	0°57	22° 9	0°14	23°37	20°50	18°46	19°38	21° 5	10°15	S 18
S 19	8 23 24	6°58'11	6♌ 4	12°26	3°41	16° 2	0°52	22° 6	0°17	23°39	20°51	18°33	19°35	21°11	10°20	S 19
M20	8 27 20	7°58'58	19° 1	13°40	4°56	16°44	0°47	22° 4	0°21	23°41	20°52	18°21	19°31	21°18	10°24	M20
T 21	8 31 17	8°59'43	1♍41	14°55	6°10	17°26	0°42	22° 1	0°24	23°42	20°53	18°11	19°28	21°24	10°29	T 21
W22	8 35 14	10° 0'27	14° 5	16°12	7°24	18° 8	0°37	21°59	0°28	23°44	20°54	18° 3	19°25	21°31	10°33	W22
T 23	8 39 10	11° 1'10	26°14	17°30	8°38	18°50	0°32	21°56	0°31	23°46	20°55	17°58	19°22	21°38	10°38	T 23
F 24	8 43 7	12° 1'52	8♎12	18°50	9°52	19°32	0°28	21°54	0°35	23°48	20°57	17°56	19°19	21°44	10°42	F 24
S 25	8 47 3	13° 2'32	20° 2	20°11	11° 6	20°14	0°23	21°52	0°38	23°49	20°58	17°D55	19°16	21°51	10°47	S 25
S 26	8 51 0	14° 3'12	1♏50	21°33	12°20	20°57	0°19	21°50	0°41	23°51	20°59	17°56	19°12	21°58	10°51	S 26
M27	8 54 56	15° 3'50	13°40	22°56	13°34	21°39	0°15	21°48	0°45	23°52	21° 0	17°R56	19° 9	22° 4	10°56	M27
T 28	8 58 53	16° 4'27	25°37	24°21	14°48	22°21	0°12	21°46	0°48	23°54	21° 2	17°56	19° 6	22°11	11° 0	T 28
W29	9 2 49	17° 5'03	7♐48	25°46	16° 2	23° 3	0° 8	21°44	0°52	23°56	21° 3	17°53	19° 3	22°18	11° 5	W29
T 30	9 6 46	18° 5'37	20°18	27°13	17°16	23°45	0° 5	21°42	0°55	23°57	21° 4	17°49	19° 0	22°24	11° 9	T 30
F 31	9 10 43	19♒ 6'11	3♉ 9	28♉40	18♓29	24♐27	0♋ 1	21♊41	0♒59	23♐59	21♓ 6	17♎42	18♎56	22♎31	11♒14	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	22s13	17s 7	3n11	20s28	3n 3	18s59	1s37	20s45	0n11	23n33	0n 4	22n19	1s 2	20s56	0s33	22s 9	1n12	18s29	16s 5	8s10	8s 3	7s39	12s 9	6n 8
T 2	22 4	18 27	3 57	20 36	2 55	18 38	1 37	20 54	0 10	23 34	0 4	22 19	1 2	20 55	0 33	22 9	1 12	18 28	16 5	8 7	8 2	7 41	12 8	6 8
F 3	21 55	18 54	4 32	20 45	2 47	18 17	1 37	21 2	0 9	23 34	0 4	22 19	1 2	20 54	0 33	22 9	1 12	18 28	16 4	8 3	8 0	7 42	12 7	6 8
S 4	21 46	18 22	4 54	20 54	2 38	17 55	1 37	21 10	0 9	23 34	0 4	22 18	1 2	20 53	0 33	22 9	1 12	18 27	16 4	7 58	7 59	7 44	12 6	6 7
S 5	21 36	16 48	5 0	21 3	2 28	17 32	1 37	21 18	0 8	23 34	0 4	22 18	1 2	20 53	0 33	22 9	1 12	18 26	16 4	7 53	7 58	7 46	12 5	6 7
M 6	21 25	14 16	4 49	21 13	2 18	17 9	1 36	21 26	0 7	23 35	0 4	22 18	1 1	20 52	0 33	22 9	1 12	18 26	16 4	7 48	7 57	7 48	12 4	6 7
T 7	21 15	10 53	4 21	21 23	2 8	16 46	1 36	21 34	0 7	23 35	0 4	22 18	1 1	20 51	0 33	22 10	1 12	18 25	16 3	7 44	7 56	7 49	12 3	6 7
W 8	21 4	6 51	3 37	21 33	1 58	16 22	1 36	21 41	0 6	23 35	0 5	22 18	1 1	20 50	0 33	22 10	1 12	18 24	16 3	7 41	7 54	7 51	12 2	6 7
T 9	20 52	2 25	2 39	21 43	1 48	15 58	1 35	21 48	0 5	23 35	0 5	22 18	1 1	20 50	0 33	22 10	1 12	18 24	16 3	7 38	7 53	7 53	12 1	6 7
F 10	20 40	2n 9	1 31	21 52	1 37	15 33	1 35	21 55	0 4	23 36	0 5	22 18	1 1	20 49	0 33	22 10	1 12	18 23	16 2	7 37	7 52	7 54	12 0	6 7
S 11	20 28	6 36	0 18	22 1	1 27	15 8	1 34	22 2	0 4	23 36	0 5	22 18	1 1	20 48	0 33	22 10	1 12	18 23	16 2	7 37	7 51	7 56	11 59	6 7
S 12	20 15	10 40	0s57	22 9	1 17	14 42	1 34	22 9	0 3	23 36	0 5	22 18	1 0	20 48	0 33	22 10	1 12	18 22	16 2	7 37	7 50	7 58	11 58	6 7
M13	20 2	14 7	2 7	22 17	1 7	14 16	1 33	22 15	0 2	23 36	0 5	22 18	1 0	20 47	0 33	22 10	1 12	18 21	16 2	7 37	7 48	7 59	11 57	6 6
T 14	19 48	16 44	3 10	22 24	0 57	13 50	1 32	22 22	0 1	23 36	0 5	22 18	1 0	20 46	0 33	22 10	1 12	18 21	16 1	7 36	7 47	8 1	11 56	6 6
W15	19 35	18 20	4 1	22 31	0 47	13 23	1 31	22 28	0 1	23 37	0 6	22 18	1 0	20 45	0 33	22 10	1 12	18 20	16 1	7 34	7 46	8 3	11 55	6 6
T 16	19 20	18 50	4 37	22 36	0 37	12 56	1 30	22 33	0s 0	23 37	0 6	22 18	1 0	20 45	0 33	22 10	1 12	18 19	16 1	7 31	7 45	8 5	11 53	6 6
F 17	19 6	18 15	4 57	22 41	0 28	12 28	1 29	22 39	0 1	23 37	0 6	22 18	1 0	20 44	0 33	22 10	1 12	18 19	16 1	7 27	7 44	8 6	11 52	6 6
S 18	18 51	16 38	5 1	22 45	0 18	12 1	1 28	22 45	0 2	23 37	0 6	22 18	0 59	20 43	0 33	22 10	1 12	18 18	16 0	7 22	7 42	8 8	11 51	6 6
S 19	18 36	14 10	4 48	22 47	0 9	11 32	1 27	22 50	0 3	23 37	0 6	22 18	0 59	20 42	0 33	22 10	1 12	18 17	16 0	7 18	7 41	8 10	11 50	6 6
M20	18 20	11 3	4 20	22 49	0 0	11 4	1 26	22 55	0 3	23 37	0 6	22 18	0 59	20 42	0 33	22 11	1 12	18 17	16 0	7 13	7 40	8 11	11 49	6 6
T 21	18 4	7 29	3 40	22 49	0s 8	10 35	1 25	23 0	0 4	23 38	0 6	22 18	0 59	20 41	0 33	22 11	1 12	18 16	16 0	7 9	7 39	8 13	11 48	6 6
W22	17 48	3 40	2 50	22 49	0 17	10 7	1 23	23 4	0 5	23 38	0 6	22 18	0 59	20 40	0 33	22 11	1 12	18 15	15 59	7 6	7 38	8 15	11 47	6 6
T 23	17 32	0s14	1 53	22 47	0 25	9 37	1 22	23 9	0 6	23 38	0 7	22 18	0 58	20 39	0 33	22 11	1 12	18 15	15 59	7 4	7 36	8 16	11 45	6 6
F 24	17 15	4 3	0 52	22 44	0 33	9 8	1 20	23 13	0 7	23 38	0 7	22 18	0 58	20 39	0 33	22 11	1 12	18 14	15 59	7 3	7 35	8 18	11 44	6 6
S 25	16 58	7 41	0n11	22 40	0 40	8 38	1 19	23 17	0 7	23 38	0 7	22 18	0 58	20 38	0 33	22 11	1 12	18 13	15 59	7 3	7 34	8 20	11 43	6 6
S 26	16 40	11 0	1 14	22 35	0 48	8 8	1 17	23 21	0 8	23 38	0 7	22 19	0 58	20 37	0 33	22 11	1 12	18 13	15 59	7 3	7 33	8 21	11 42	6 6
M27	16 22	13 53	2 13	22 28	0 55	7 38	1 15	23 25	0 9	23 38	0 7	22 19	0 58	20 36	0 33	22 11	1 12	18 12	15 58	7 4	7 31	8 23	11 41	6 6
T 28	16 4	16 12	3 8	22 20	1 2	7 8	1 13	23 28	0 10	23 39	0 7	22 19	0 57	20 36	0 33	22 11	1 12	18 11	15 58	7 3	7 30	8 25	11 40	6 6
W29	15 46	17 50	3 54	22 11	1 8	6 38	1 12	23 31	0 11	23 39	0 7	22 19	0 57	20 35	0 34	22 11	1 12	18 11	15 58	7 3	7 29	8 26	11 38	6 6
T 30	15 28	18 39	4 31	22 0	1 14	6 7	1 10	23 34	0 12	23 39	0 7	22 19	0 57	20 34	0 34	22 11	1 12	18 10	15 58	7 1	7 28	8 28	11 37	6 6
F 31	15s 9	18s34	4n56	21s49	1s20	5s36	1s 8	23s37	0s13	23n39	0n 7	22n19	0s57	20s33	0s34	22s11	1n12	18s 9	15s58	6s58	7s27	8s30	11s36	6n 6

Julian Day Number = 2205379.5, Delta T = 09m45s
Ecliptic obliquity = 23°31'27, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°20'23, Lahiri = 14°27'23 Julian Calendar 1 Jan. 1326 == Greg. Calendar 9 Jan. 1326

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ASTRODIENST EPHEMERIS for the year 1326
geocentric

FEBRUARY 1326 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	9 14 39	20♒ 6'43	16♉24	0♒ 9	19♓43	25♐10	29°R58	21°R39	1♒ 2	24♐ 0	21♓ 7	17°R33	18♎53	22♎38	11♒18	S 1
S 2	9 18 36	21° 7'13	0♒ 4	1°39	20°57	25°52	29♊56	21♊38	1° 5	24° 1	21° 8	17♎23	18°50	22°44	11°23	S 2
M 3	9 22 32	22° 7'42	14° 6	3°10	22°10	26°34	29°53	21°37	1° 9	24° 3	21°10	17°13	18°47	22°51	11°27	M 3
T 4	9 26 29	23° 8'09	28°26	4°42	23°24	27°16	29°51	21°36	1°12	24° 4	21°11	17° 5	18°44	22°58	11°32	T 4
W 5	9 30 25	24° 8'35	12♓57	6°14	24°37	27°59	29°48	21°35	1°15	24° 6	21°12	16°58	18°41	23° 4	11°36	W 5
T 6	9 34 22	25° 8'58	27°33	7°48	25°51	28°41	29°46	21°34	1°19	24° 7	21°14	16°54	18°37	23°11	11°40	T 6
F 7	9 38 18	26° 9'20	12♈ 8	9°23	27° 4	29°23	29°44	21°33	1°22	24° 8	21°15	16°D53	18°34	23°17	11°45	F 7
S 8	9 42 15	27° 9'40	26°36	10°58	28°18	0♉ 6	29°43	21°32	1°25	24°10	21°16	16°53	18°31	23°24	11°49	S 8
S 9	9 46 12	28° 9'57	10♉54	12°35	29°31	0°48	29°41	21°32	1°28	24°11	21°18	16°54	18°28	23°31	11°54	S 9
M10	9 50 8	29°10'13	25° 0	14°13	0♈44	1°31	29°40	21°31	1°31	24°12	21°19	16°R55	18°25	23°37	11°58	M10
T 11	9 54 5	0♓10'27	8♊53	15°52	1°57	2°13	29°39	21°31	1°35	24°13	21°21	16°55	18°22	23°44	12° 2	T 11
W12	9 58 1	1°10'38	22°33	17°31	3°10	2°55	29°38	21°31	1°38	24°14	21°22	16°53	18°18	23°51	12° 7	W12
T 13	10 1 58	2°10'48	6♋ 1	19°12	4°23	3°38	29°38	21°D31	1°41	24°15	21°23	16°48	18°15	23°57	12°11	T 13
F 14	10 5 54	3°10'55	19°16	20°54	5°36	4°20	29°37	21°31	1°44	24°17	21°25	16°42	18°12	24° 4	12°15	F 14
S 15	10 9 51	4°11'00	2♌18	22°37	6°49	5° 3	29°37	21°31	1°47	24°18	21°26	16°35	18° 9	24°11	12°19	S 15
S 16	10 13 47	5°11'03	15° 7	24°21	8° 2	5°45	29°D37	21°31	1°50	24°19	21°28	16°28	18° 6	24°17	12°24	S 16
M17	10 17 44	6°11'04	27°44	26° 6	9°15	6°28	29°37	21°31	1°53	24°20	21°29	16°20	18° 2	24°24	12°28	M17
T 18	10 21 41	7°11'03	10♍ 8	27°52	10°27	7°10	29°37	21°32	1°56	24°21	21°31	16°14	17°59	24°31	12°32	T 18
W19	10 25 37	8°11'00	22°21	29°40	11°40	7°53	29°38	21°33	1°59	24°22	21°32	16°10	17°56	24°37	12°36	W19
T 20	10 29 34	9°10'56	4♎23	1♓28	12°53	8°36	29°39	21°33	2° 2	24°23	21°34	16° 7	17°53	24°44	12°40	T 20
F 21	10 33 30	10°10'49	16°18	3°18	14° 5	9°18	29°39	21°34	2° 5	24°23	21°35	16°D 6	17°50	24°50	12°44	F 21
S 22	10 37 27	11°10'41	28° 6	5° 9	15°17	10° 1	29°41	21°35	2° 8	24°24	21°37	16° 7	17°47	24°57	12°48	S 22
S 23	10 41 23	12°10'30	9♏54	7° 0	16°30	10°43	29°42	21°36	2°11	24°25	21°38	16° 9	17°43	25° 4	12°53	S 23
M24	10 45 20	13°10'19	21°44	8°53	17°42	11°26	29°43	21°37	2°14	24°26	21°40	16°10	17°40	25°10	12°57	M24
T 25	10 49 16	14°10'05	3♐41	10°48	18°54	12° 9	29°45	21°38	2°17	24°27	21°41	16°12	17°37	25°17	13° 1	T 25
W26	10 53 13	15° 9'50	15°50	12°43	20° 6	12°52	29°47	21°40	2°20	24°27	21°43	16°R12	17°34	25°24	13° 5	W26
T 27	10 57 9	16° 9'33	28°17	14°39	21°18	13°34	29°49	21°41	2°22	24°28	21°44	16°12	17°31	25°30	13° 8	T 27
F 28	11 1 6	17♓ 9'14	11♉ 6	16♓36	22♈30	14♉17	29♊51	21♊43	2♒25	24♐29	21♓46	16♎10	17♎28	25♎37	13♒12	F 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	14s50	17s28	5n 5	21s35	1s26	5s 5	1s 6	23s40	0s13	23n39	0n 8	22n19	0s57	20s33	0s34	22s11	1n12	18s 8	15s57	6s55	7s25	8s31	11s35	6n 6	S 1
S 2	14 31	15 21	4 58	21 21	1 31	4 34	1 3	23 42	0 14	23 39	0 8	22 19	0 57	20 32	0 34	22 11	1 12	18 8	15 57	6 51	7 24	8 33	11 33	6 6	S 2
M 3	14 11	12 18	4 33	21 5	1 36	4 3	1 1	23 44	0 15	23 39	0 8	22 19	0 56	20 31	0 34	22 11	1 12	18 7	15 57	6 47	7 23	8 35	11 32	6 6	M 3
T 4	13 51	8 28	3 50	20 47	1 41	3 32	0 59	23 46	0 16	23 39	0 8	22 19	0 56	20 31	0 34	22 11	1 12	18 6	15 57	6 44	7 22	8 36	11 31	6 6	T 4
W 5	13 31	4 4	2 52	20 29	1 45	3 1	0 57	23 47	0 17	23 39	0 8	22 20	0 56	20 30	0 34	22 11	1 12	18 6	15 57	6 41	7 21	8 38	11 30	6 6	W 5
T 6	13 11	0n35	1 42	20 9	1 49	2 29	0 54	23 49	0 18	23 40	0 8	22 20	0 56	20 29	0 34	22 11	1 12	18 5	15 57	6 40	7 19	8 40	11 29	6 6	T 6
F 7	12 51	5 12	0 26	19 47	1 53	1 58	0 52	23 50	0 19	23 40	0 8	22 20	0 56	20 28	0 34	22 11	1 12	18 4	15 57	6 39	7 18	8 41	11 27	6 6	F 7
S 8	12 30	9 29	0s52	19 24	1 56	1 26	0 49	23 51	0 20	23 40	0 8	22 20	0 55	20 28	0 34	22 11	1 12	18 4	15 56	6 39	7 17	8 43	11 26	6 6	S 8
S 9	12 9	13 9	2 6	19 0	1 59	0 55	0 47	23 52	0 21	23 40	0 8	22 20	0 55	20 27	0 34	22 11	1 12	18 3	15 56	6 40	7 16	8 44	11 25	6 6	S 9
M10	11 48	16 0	3 11	18 34	2 2	0 23	0 44	23 53	0 22	23 40	0 9	22 20	0 55	20 26	0 34	22 11	1 12	18 2	15 56	6 40	7 15	8 46	11 23	6 7	M10
T 11	11 27	17 51	4 4	18 6	2 4	0n 9	0 42	23 53	0 23	23 40	0 9	22 20	0 55	20 26	0 34	22 11	1 12	18 2	15 56	6 40	7 13	8 48	11 22	6 7	T 11
W12	11 6	18 37	4 42	17 38	2 6	0 40	0 39	23 53	0 23	23 40	0 9	22 21	0 55	20 25	0 34	22 12	1 12	18 1	15 56	6 39	7 12	8 49	11 21	6 7	W12
T 13	10 44	18 20	5 4	17 8	2 7	1 12	0 36	23 53	0 24	23 40	0 9	22 21	0 54	20 24	0 34	22 12	1 12	18 0	15 56	6 38	7 11	8 51	11 20	6 7	T 13
F 14	10 22	17 2	5 9	16 36	2 8	1 43	0 33	23 53	0 25	23 40	0 9	22 21	0 54	20 24	0 34	22 12	1 13	18 0	15 56	6 35	7 10	8 53	11 18	6 7	F 14
S 15	10 1	14 53	4 58	16 3	2 8	2 15	0 31	23 52	0 26	23 40	0 9	22 21	0 54	20 23	0 34	22 12	1 13	17 59	15 56	6 33	7 8	8 54	11 17	6 7	S 15
S 16	9 39	12 2	4 32	15 28	2 9	2 46	0 28	23 51	0 27	23 41	0 9	22 21	0 54	20 22	0 34	22 12	1 13	17 58	15 56	6 30	7 7	8 56	11 16	6 7	S 16
M17	9 16	8 40	3 53	14 52	2 8	3 18	0 25	23 50	0 28	23 41	0 9	22 22	0 54	20 22	0 34	22 12	1 13	17 58	15 55	6 27	7 6	8 58	11 15	6 7	M17
T 18	8 54	4 58	3 3	14 15	2 7	3 49	0 22	23 49	0 29	23 41	0 9	22 22	0 53	20 21	0 34	22 12	1 13	17 57	15 55	6 24	7 5	8 59	11 13	6 7	T 18
W19	8 32	1 7	2 6	13 36	2 6	4 21	0 19	23 48	0 30	23 41	0 9	22 22	0 53	20 20	0 34	22 12	1 13	17 56	15 55	6 23	7 4	9 1	11 12	6 8	W19
T 20	8 9	2s43	1 4	12 55	2 4	4 52	0 16	23 46	0 31	23 41	0 10	22 22	0 53	20 20	0 34	22 12	1 13	17 56	15 55	6 22	7 2	9 2	11 11	6 8	T 20
F 21	7 47	6 25	0n 1	12 14	2 2	5 23	0 12	23 44	0 32	23 41	0 10	22 23	0 53	20 19	0 34	22 12	1 13	17 55	15 55	6 21	7 1	9 4	11 10	6 8	F 21
S 22	7 24	9 49	1 5	11 31	1 59	5 54	0 9	23 42	0 33	23 41	0 10	22 23	0 53	20 18	0 34	22 12	1 13	17 54	15 55	6 22	7 0	9 6	11 8	6 8	S 22
S 23	7 1	12 50	2 7	10 46	1 56	6 25	0 6	23 39	0 34	23 41	0 10	22 23	0 52	20 18	0 34	22 12	1 13	17 54	15 55	6 22	6 59	9 7	11 7	6 8	S 23
M24	6 38	15 19	3 3	10 0	1 52	6 56	0 3	23 37	0 35	23 41	0 10	22 23	0 52	20 17	0 34	22 12	1 13	17 53	15 55	6 23	6 58	9 9	11 6	6 8	M24
T 25	6 15	17 10	3 52	9 13	1 48	7 26	0n 0	23 34	0 36	23 41	0 10	22 24	0 52	20 16	0 34	22 12	1 13	17 53	15 55	6 24	6 56	9 10	11 4	6 9	T 25
W26	5 52	18 16	4 31	8 24	1 43	7 57	0 4	23 31	0 37	23 42	0 10	22 24	0 52	20 16	0 34	22 12	1 13	17 52	15 55	6 24	6 55	9 12	11 3	6 9	W26
T 27	5 29	18 32	4 59	7 34	1 38	8 27	0 7	23 28	0 38	23 42	0 10	22 24	0 52	20 15	0 34	22 12	1 13	17 51	15 55	6 23	6 54	9 14	11 2	6 9	T 27
F 28	5s 5	17s52	5n13	6s43	1s32	8n57	0n10	23s25	0s39	23n42	0n10	22n25	0s51	20s15	0s34	22s12	1n13	17s51	15s55	6s23	6s53	9s15	11s 1	6n 9	F 28

Julian Day Number = 2205410.5, Delta T = 09m44s
Ecliptic obliquity = 23°31'28, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°20'27, Lahiri = 14°27'28 Julian Calendar 1 Feb. 1326 == Greg. Calendar 9 Feb. 1326

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ASTRODIENST EPHEMERIS for the year 1326
geocentric

MARCH 1326 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	11 5 3	18♓ 8'53	24♉20	18♓35	23♈42	15♉ 0	29♊54	21♊44	2♒28	24♐29	21♓47	16°R 6	17♎24	25♎44	13♒16	S 1
S 2	11 8 59	19° 8'31	8♒ 0	20°34	24°54	15°42	29°56	21°46	2°31	24°30	21°49	16♎ 3	17°21	25°50	13°20	S 2
M 3	11 12 56	20° 8'06	22° 7	22°34	26° 6	16°25	29°59	21°48	2°33	24°30	21°50	15°59	17°18	25°57	13°24	M 3
T 4	11 16 52	21° 7'40	6♓37	24°34	27°17	17° 8	0♋ 2	21°50	2°36	24°31	21°52	15°55	17°15	26° 4	13°28	T 4
W 5	11 20 49	22° 7'12	21°24	26°35	28°29	17°51	0° 5	21°52	2°38	24°32	21°53	15°53	17°12	26°10	13°31	W 5
T 6	11 24 45	23° 6'41	6♈22	28°37	29°40	18°34	0° 9	21°54	2°41	24°32	21°55	15°51	17° 8	26°17	13°35	T 6
F 7	11 28 42	24° 6'09	21°21	0♈38	0♉51	19°16	0°12	21°57	2°43	24°32	21°56	15°D51	17° 5	26°24	13°39	F 7
S 8	11 32 38	25° 5'34	6♉13	2°39	2° 3	19°59	0°16	21°59	2°46	24°33	21°58	15°52	17° 2	26°30	13°43	S 8
S 9	11 36 35	26° 4'57	20°52	4°40	3°14	20°42	0°20	22° 2	2°48	24°33	21°59	15°53	16°59	26°37	13°46	S 9
M10	11 40 32	27° 4'18	5♊14	6°41	4°25	21°25	0°24	22° 4	2°51	24°33	22° 1	15°54	16°56	26°43	13°50	M10
T 11	11 44 28	28° 3'37	19°15	8°40	5°36	22° 8	0°28	22° 7	2°53	24°34	22° 2	15°55	16°53	26°50	13°53	T 11
W12	11 48 25	29° 2'53	2♋56	10°38	6°47	22°51	0°33	22°10	2°55	24°34	22° 4	15°R55	16°49	26°57	13°57	W12
T 13	11 52 21	0♈ 2'06	16°16	12°34	7°57	23°33	0°37	22°13	2°58	24°34	22° 5	15°55	16°46	27° 3	14° 0	T 13
F 14	11 56 18	1° 1'18	29°18	14°27	9° 8	24°16	0°42	22°16	3° 0	24°34	22° 7	15°53	16°43	27°10	14° 4	F 14
S 15	12 0 14	2° 0'26	12♌ 4	16°19	10°19	24°59	0°47	22°19	3° 2	24°35	22° 8	15°52	16°40	27°17	14° 7	S 15
S 16	12 4 11	2°59'33	24°35	18° 7	11°29	25°42	0°52	22°22	3° 4	24°35	22°10	15°50	16°37	27°23	14°10	S 16
M17	12 8 7	3°58'37	6♍54	19°52	12°39	26°25	0°57	22°26	3° 6	24°35	22°11	15°48	16°33	27°30	14°13	M17
T 18	12 12 4	4°57'40	19° 3	21°33	13°49	27° 8	1° 3	22°29	3° 9	24°35	22°13	15°46	16°30	27°37	14°17	T 18
W19	12 16 1	5°56'40	1♎ 4	23°10	14°59	27°51	1° 8	22°33	3°11	24°R35	22°14	15°46	16°27	27°43	14°20	W19
T 20	12 19 57	6°55'37	12°58	24°43	16° 9	28°33	1°14	22°36	3°13	24°35	22°16	15°D45	16°24	27°50	14°23	T 20
F 21	12 23 54	7°54'33	24°48	26°11	17°19	29°16	1°20	22°40	3°15	24°35	22°17	15°45	16°21	27°57	14°26	F 21
S 22	12 27 50	8°53'27	6♏36	27°34	18°29	29°59	1°26	22°44	3°16	24°35	22°19	15°46	16°18	28° 3	14°29	S 22
S 23	12 31 47	9°52'19	18°24	28°52	19°39	0♒42	1°32	22°48	3°18	24°35	22°20	15°46	16°14	28°10	14°32	S 23
M24	12 35 43	10°51'09	0♐16	0♉ 5	20°48	1°25	1°38	22°52	3°20	24°35	22°21	15°47	16°11	28°17	14°35	M24
T 25	12 39 40	11°49'58	12°16	1°12	21°57	2° 8	1°45	22°56	3°22	24°34	22°23	15°47	16° 8	28°23	14°38	T 25
W26	12 43 36	12°48'44	24°26	2°14	23° 6	2°51	1°52	23° 0	3°24	24°34	22°24	15°48	16° 5	28°30	14°41	W26
T 27	12 47 33	13°47'29	6♑52	3° 9	24°15	3°34	1°58	23° 4	3°25	24°34	22°26	15°48	16° 2	28°36	14°44	T 27
F 28	12 51 29	14°46'13	19°36	3°59	25°24	4°17	2° 5	23° 9	3°27	24°34	22°27	15°R48	15°59	28°43	14°46	F 28
S 29	12 55 26	15°44'54	2♒44	4°42	26°33	5° 0	2°12	23°13	3°29	24°33	22°29	15°D48	15°55	28°50	14°49	S 29
S 30	12 59 23	16°43'34	16°17	5°20	27°42	5°43	2°20	23°18	3°30	24°33	22°30	15°48	15°52	28°56	14°52	S 30
M31	13 3 19	17♈42'12	0♓17	5♉51	28♉50	6♒26	2♋27	23♊22	3♒32	24♐33	22♓31	15♎48	15♎49	29♎ 3	14♒54	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	4s42	16s14	5n11	5s50	1s25	9n27	0n14	23s21	0s40	23n42	0n10	22n25	0s51	20s14	0s34	22s12	1n13	17s50	15s55	6s21	6s51	9s17	10s59	6n 9
S 2	4 19	13 38	4 51	4 57	1 18	9 56	0 17	23 17	0 41	23 42	0 10	22 25	0 51	20 13	0 34	22 12	1 13	17 49	15 55	6 20	6 50	9 19	10 58	6 9
M 3	3 55	10 11	4 14	4 2	1 11	10 26	0 21	23 13	0 43	23 42	0 11	22 25	0 51	20 13	0 34	22 12	1 13	17 49	15 55	6 18	6 49	9 20	10 57	6 10
T 4	3 32	6 1	3 20	3 7	1 2	10 55	0 24	23 9	0 44	23 42	0 11	22 26	0 51	20 12	0 34	22 12	1 13	17 48	15 55	6 17	6 48	9 22	10 56	6 10
W 5	3 8	1 25	2 11	2 11	0 54	11 24	0 27	23 4	0 45	23 42	0 11	22 26	0 51	20 12	0 34	22 12	1 13	17 48	15 55	6 16	6 47	9 23	10 54	6 10
T 6	2 45	3n20	0 52	1 14	0 44	11 53	0 31	22 59	0 46	23 42	0 11	22 26	0 50	20 11	0 34	22 12	1 13	17 47	15 55	6 16	6 45	9 25	10 53	6 10
F 7	2 21	7 53	0s30	0 17	0 35	12 21	0 34	22 54	0 47	23 42	0 11	22 27	0 50	20 11	0 34	22 12	1 13	17 46	15 55	6 16	6 44	9 27	10 52	6 11
S 8	1 57	11 54	1 50	0n41	0 25	12 49	0 38	22 49	0 48	23 42	0 11	22 27	0 50	20 10	0 34	22 12	1 13	17 46	15 55	6 16	6 43	9 28	10 51	6 11
S 9	1 34	15 7	3 2	1 39	0 14	13 17	0 41	22 44	0 49	23 43	0 11	22 27	0 50	20 10	0 34	22 12	1 13	17 45	15 55	6 16	6 42	9 30	10 49	6 11
M10	1 10	17 18	4 0	2 37	0 3	13 44	0 45	22 38	0 50	23 43	0 11	22 28	0 50	20 9	0 34	22 11	1 13	17 45	15 55	6 17	6 40	9 31	10 48	6 11
T 11	0 46	18 23	4 43	3 34	0n 8	14 12	0 48	22 33	0 51	23 43	0 11	22 28	0 49	20 8	0 34	22 11	1 13	17 44	15 55	6 17	6 39	9 33	10 47	6 12
W12	0 23	18 21	5 8	4 31	0 20	14 38	0 52	22 27	0 52	23 43	0 11	22 28	0 49	20 8	0 34	22 11	1 13	17 44	15 55	6 17	6 38	9 34	10 46	6 12
T 13	0n 1	17 18	5 17	5 28	0 32	15 5	0 55	22 20	0 53	23 43	0 11	22 29	0 49	20 7	0 34	22 11	1 13	17 43	15 55	6 17	6 37	9 36	10 45	6 12
F 14	0 24	15 21	5 8	6 23	0 43	15 31	0 59	22 14	0 55	23 43	0 11	22 29	0 49	20 7	0 34	22 11	1 13	17 43	15 55	6 16	6 36	9 38	10 43	6 12
S 15	0 48	12 41	4 44	7 17	0 55	15 57	1 2	22 7	0 56	23 43	0 12	22 29	0 49	20 6	0 35	22 11	1 13	17 42	15 55	6 16	6 34	9 39	10 42	6 13
S 16	1 12	9 29	4 7	8 10	1 7	16 22	1 6	22 1	0 57	23 43	0 12	22 30	0 48	20 6	0 35	22 11	1 13	17 41	15 55	6 15	6 33	9 41	10 41	6 13
M17	1 35	5 55	3 19	9 1	1 19	16 47	1 9	21 54	0 58	23 43	0 12	22 30	0 48	20 6	0 35	22 11	1 14	17 41	15 55	6 14	6 32	9 42	10 40	6 13
T 18	1 59	2 9	2 23	9 50	1 30	17 12	1 13	21 46	0 59	23 43	0 12	22 31	0 48	20 5	0 35	22 11	1 14	17 40	15 55	6 14	6 31	9 44	10 39	6 13
W19	2 22	1s39	1 21	10 36	1 42	17 36	1 16	21 39	1 0	23 43	0 12	22 31	0 48	20 5	0 35	22 11	1 14	17 40	15 56	6 13	6 29	9 46	10 37	6 14
T 20	2 46	5 22	0 15	11 21	1 52	18 0	1 20	21 32	1 1	23 43	0 12	22 31	0 48	20 4	0 35	22 11	1 14	17 39	15 56	6 13	6 28	9 47	10 36	6 14
F 21	3 9	8 52	0n50	12 3	2 3	18 24	1 23	21 24	1 3	23 43	0 12	22 32	0 48	20 4	0 35	22 11	1 14	17 39	15 56	6 13	6 27	9 49	10 35	6 14
S 22	3 32	11 59	1 53	12 42	2 12	18 46	1 27	21 16	1 4	23 43	0 12	22 32	0 47	20 3	0 35	22 11	1 14	17 38	15 56	6 13	6 26	9 50	10 34	6 14
S 23	3 55	14 37	2 52	13 19	2 21	19 9	1 30	21 8	1 5	23 43	0 12	22 32	0 47	20 3	0 35	22 11	1 14	17 38	15 56	6 14	6 25	9 52	10 33	6 15
M24	4 19	16 39	3 43	13 53	2 30	19 31	1 33	20 59	1 6	23 43	0 12	22 33	0 47	20 3	0 35	22 11	1 14	17 37	15 56	6 14	6 23	9 53	10 32	6 15
T 25	4 42	17 57	4 25	14 23	2 37	19 53	1 37	20 51	1 7	23 43	0 12	22 33	0 47	20 2	0 35	22 11	1 14	17 37	15 56	6 14	6 22	9 55	10 31	6 15
W26	5 5	18 28	4 56	14 51	2 44	20 14	1 40	20 42	1 8	23 43	0 12	22 34	0 47	20 2	0 35	22 11	1 14	17 37	15 56	6 14	6 21	9 57	10 30	6 16
T 27	5 28	18 7	5 14	15 16	2 50	20 34	1 43	20 33	1 10	23 43	0 12	22 34	0 47	20 1	0 35	22 11	1 14	17 36	15 57	6 14	6 20	9 58	10 28	6 16
F 28	5 50	16 51	5 17	15 37	2 54	20 54	1 46	20 24	1 11	23 43	0 13	22 34	0 46	20 1	0 35	22 11	1 14	17 36	15 57	6 14	6 18	10 0	10 27	6 16
S 29	6 13	14 41	5 4	15 56	2 58	21 14	1 50	20 15	1 12	23 43	0 13	22 35	0 46	20 1	0 35	22 11	1 14	17 35	15 57	6 14	6 17	10 1	10 26	6 17
S 30	6 36	11 39	4 34	16 11	3 1	21 33	1 53	20 6	1 13	23 43	0 13	22 35	0 46	20 0	0 35	22 11	1 14	17 35	15 57	6 14	6 16	10 3	10 25	6 17
M31	6n58	7s52	3n47	16n23	3n 2	21n51	1n56	19s56	1s14	23n43	0n13	22n36	0s46	20s 0	0s35	22s11	1n14	17s34	15s57	6s14	6s15	10s 4	10s24	6n17

Julian Day Number = 2205438.5, Delta T = 09m44s
Ecliptic obliquity = 23°31'28, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°20'31, Lahiri = 14°27'31 Julian Calendar 1 March 1326 == Greg. Calendar 9 March 1326

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ASTRODIENST EPHEMERIS for the year 1326
geocentric

APRIL 1326 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	13 7 16	18♈40'48	14♓43	6♉16	29♉59	7♒ 8	2♋34	23♊27	3♒33	24°R32	22♓33	15♎48	15♎46	29♎10	14♒57	T 1
W 2	13 11 12	19°39'22	29°31	6°35	1♊ 7	7°51	2°42	23°32	3°35	24♐32	22°34	15°49	15°43	29°16	14°59	W 2
T 3	13 15 9	20°37'55	14♈34	6°48	2°15	8°34	2°50	23°37	3°36	24°31	22°35	15°R49	15°39	29°23	15° 2	T 3
F 4	13 19 5	21°36'25	29°46	6°55	3°23	9°17	2°58	23°41	3°37	24°31	22°37	15°49	15°36	29°30	15° 4	F 4
S 5	13 23 2	22°34'54	14♉55	6°R57	4°31	10° 0	3° 6	23°46	3°39	24°30	22°38	15°48	15°33	29°36	15° 7	S 5
S 6	13 26 58	23°33'21	29°52	6°52	5°38	10°43	3°14	23°52	3°40	24°30	22°39	15°47	15°30	29°43	15° 9	S 6
M 7	13 30 55	24°31'46	14♊32	6°42	6°46	11°26	3°22	23°57	3°41	24°29	22°41	15°46	15°27	29°50	15°11	M 7
T 8	13 34 52	25°30'09	28°47	6°27	7°53	12° 8	3°30	24° 2	3°42	24°29	22°42	15°46	15°24	29°56	15°13	T 8
W 9	13 38 48	26°28'29	12♋36	6° 7	9° 0	12°51	3°39	24° 7	3°43	24°28	22°43	15°45	15°20	0♏ 3	15°15	W 9
T 10	13 42 45	27°26'48	26° 0	5°43	10° 7	13°34	3°48	24°13	3°44	24°27	22°45	15°D44	15°17	0°10	15°17	T 10
F 11	13 46 41	28°25'04	8♌59	5°15	11°13	14°17	3°56	24°18	3°45	24°27	22°46	15°45	15°14	0°16	15°19	F 11
S 12	13 50 38	29°23'18	21°38	4°44	12°20	15° 0	4° 5	24°24	3°46	24°26	22°47	15°45	15°11	0°23	15°21	S 12
S 13	13 54 34	0♉21'30	3♍59	4° 9	13°26	15°42	4°14	24°29	3°47	24°25	22°48	15°47	15° 8	0°29	15°23	S 13
M14	13 58 31	1°19'40	16° 7	3°33	14°32	16°25	4°23	24°35	3°48	24°24	22°50	15°48	15° 4	0°36	15°25	M14
T 15	14 2 27	2°17'48	28° 6	2°56	15°38	17° 8	4°32	24°41	3°49	24°23	22°51	15°49	15° 1	0°43	15°27	T 15
W16	14 6 24	3°15'54	9♎58	2°18	16°44	17°50	4°42	24°47	3°50	24°23	22°52	15°R50	14°58	0°49	15°29	W16
T 17	14 10 21	4°13'59	21°46	1°40	17°49	18°33	4°51	24°52	3°50	24°22	22°53	15°50	14°55	0°56	15°30	T 17
F 18	14 14 17	5°12'01	3♏34	1° 2	18°55	19°16	5° 1	24°58	3°51	24°21	22°55	15°49	14°52	1° 3	15°32	F 18
S 19	14 18 14	6°10'02	15°23	0°26	20° 0	19°58	5°10	25° 4	3°52	24°20	22°56	15°47	14°49	1° 9	15°33	S 19
S 20	14 22 10	7° 8'02	27°16	29♈52	21° 4	20°41	5°20	25°10	3°52	24°19	22°57	15°44	14°45	1°16	15°35	S 20
M21	14 26 7	8° 6'00	9♐15	29°20	22° 9	21°24	5°30	25°16	3°53	24°18	22°58	15°41	14°42	1°23	15°36	M21
T 22	14 30 3	9° 3'56	21°21	28°51	23°13	22° 6	5°40	25°23	3°53	24°17	22°59	15°37	14°39	1°29	15°38	T 22
W23	14 34 0	10° 1'51	3♑37	28°25	24°17	22°49	5°50	25°29	3°54	24°16	23° 0	15°33	14°36	1°36	15°39	W23
T 24	14 37 56	10°59'45	16° 7	28° 4	25°21	23°31	6° 0	25°35	3°54	24°15	23° 1	15°30	14°33	1°43	15°40	T 24
F 25	14 41 53	11°57'37	28°52	27°46	26°24	24°14	6°10	25°42	3°54	24°14	23° 2	15°29	14°30	1°49	15°41	F 25
S 26	14 45 50	12°55'29	11♒56	27°32	27°28	24°56	6°20	25°48	3°55	24°13	23° 3	15°D28	14°26	1°56	15°42	S 26
S 27	14 49 46	13°53'18	25°21	27°23	28°31	25°38	6°31	25°54	3°55	24°12	23° 4	15°28	14°23	2° 3	15°43	S 27
M28	14 53 43	14°51'07	9♓10	27°19	29°33	26°21	6°41	26° 1	3°55	24°11	23° 5	15°30	14°20	2° 9	15°44	M28
T 29	14 57 39	15°48'55	23°24	27°D19	0♋36	27° 3	6°52	26° 8	3°55	24° 9	23° 6	15°31	14°17	2°16	15°45	T 29
W30	15 1 36	16♉46'41	7♈59	27♈23	1♋38	27♒45	7♋ 3	26♊14	3♒55	24♐ 8	23♓ 7	15°R32	14♎14	2♏23	15♒46	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	7n21	3s31	2n45	16n31	3n 2	22n 9	1n59	19s46	1s16	23n43	0n13	22n36	0s46	20s 0	0s35	22s11	1n14	17s34	15s57	6s14	6s13	10s 6	10s23	6n18
W 2	7 43	1n10	1 29	16 37	3 1	22 27	2 2	19 36	1 17	23 43	0 13	22 36	0 46	19 59	0 35	22 11	1 14	17 34	15 57	6 15	6 12	10 7	10 22	6 18
T 3	8 5	5 52	0 7	16 39	2 59	22 43	2 5	19 26	1 18	23 43	0 13	22 37	0 45	19 59	0 35	22 11	1 14	17 33	15 58	6 15	6 11	10 9	10 21	6 18
F 4	8 27	10 14	1s17	16 38	2 55	23 0	2 8	19 16	1 19	23 43	0 13	22 37	0 45	19 59	0 35	22 11	1 14	17 33	15 58	6 15	6 10	10 10	10 20	6 19
S 5	8 49	13 54	2 35	16 33	2 50	23 15	2 11	19 6	1 21	23 42	0 13	22 38	0 45	19 59	0 35	22 11	1 14	17 32	15 58	6 14	6 9	10 12	10 19	6 19
S 6	9 11	16 35	3 41	16 26	2 44	23 31	2 13	18 55	1 22	23 42	0 13	22 38	0 45	19 58	0 35	22 10	1 14	17 32	15 58	6 14	6 7	10 14	10 18	6 19
M 7	9 32	18 7	4 32	16 15	2 36	23 45	2 16	18 45	1 23	23 42	0 13	22 38	0 45	19 58	0 35	22 10	1 14	17 32	15 58	6 14	6 6	10 15	10 17	6 20
T 8	9 54	18 27	5 4	16 1	2 27	23 59	2 19	18 34	1 24	23 42	0 13	22 39	0 45	19 58	0 35	22 10	1 14	17 31	15 59	6 13	6 5	10 17	10 16	6 20
W 9	10 15	17 40	5 17	15 45	2 16	24 12	2 21	18 23	1 26	23 42	0 13	22 39	0 44	19 58	0 35	22 10	1 14	17 31	15 59	6 13	6 4	10 18	10 15	6 20
T 10	10 36	15 54	5 12	15 26	2 5	24 25	2 24	18 12	1 27	23 42	0 14	22 40	0 44	19 57	0 35	22 10	1 14	17 31	15 59	6 13	6 2	10 20	10 14	6 21
F 11	10 57	13 23	4 52	15 4	1 52	24 37	2 26	18 0	1 28	23 42	0 14	22 40	0 44	19 57	0 35	22 10	1 14	17 30	15 59	6 13	6 1	10 21	10 13	6 21
S 12	11 18	10 17	4 18	14 41	1 38	24 49	2 29	17 49	1 29	23 41	0 14	22 40	0 44	19 57	0 35	22 10	1 14	17 30	15 59	6 13	6 0	10 23	10 12	6 22
S 13	11 38	6 48	3 32	14 15	1 23	25 0	2 31	17 38	1 31	23 41	0 14	22 41	0 44	19 57	0 35	22 10	1 14	17 30	16 0	6 14	5 59	10 24	10 12	6 22
M14	11 59	3 5	2 37	13 48	1 8	25 10	2 33	17 26	1 32	23 41	0 14	22 41	0 44	19 57	0 36	22 10	1 14	17 30	16 0	6 14	5 58	10 26	10 11	6 22
T 15	12 19	0s43	1 37	13 20	0 51	25 19	2 36	17 14	1 33	23 41	0 14	22 41	0 44	19 57	0 36	22 10	1 14	17 29	16 0	6 15	5 56	10 27	10 10	6 23
W16	12 39	4 27	0 32	12 51	0 34	25 28	2 38	17 2	1 34	23 40	0 14	22 42	0 43	19 56	0 36	22 10	1 14	17 29	16 0	6 15	5 55	10 29	10 9	6 23
T 17	12 59	8 0	0n33	12 22	0 17	25 37	2 40	16 50	1 36	23 40	0 14	22 42	0 43	19 56	0 36	22 10	1 14	17 29	16 1	6 15	5 54	10 30	10 8	6 23
F 18	13 18	11 14	1 37	11 53	0 0	25 45	2 42	16 38	1 37	23 40	0 14	22 43	0 43	19 56	0 36	22 10	1 14	17 29	16 1	6 15	5 53	10 32	10 7	6 24
S 19	13 37	14 1	2 36	11 24	0s17	25 52	2 43	16 26	1 38	23 40	0 14	22 43	0 43	19 56	0 36	22 10	1 14	17 28	16 1	6 14	5 51	10 33	10 6	6 24
S 20	13 57	16 13	3 29	10 56	0 34	25 58	2 45	16 13	1 39	23 39	0 14	22 43	0 43	19 56	0 36	22 10	1 15	17 28	16 1	6 13	5 50	10 35	10 6	6 25
M21	14 15	17 44	4 13	10 29	0 51	26 4	2 47	16 1	1 41	23 39	0 14	22 44	0 43	19 56	0 36	22 10	1 15	17 28	16 2	6 11	5 49	10 36	10 5	6 25
T 22	14 34	18 28	4 47	10 3	1 7	26 9	2 48	15 48	1 42	23 39	0 14	22 44	0 43	19 56	0 36	22 10	1 15	17 28	16 2	6 10	5 48	10 38	10 4	6 25
W23	14 53	18 21	5 8	9 40	1 23	26 13	2 50	15 35	1 43	23 38	0 14	22 44	0 42	19 56	0 36	22 9	1 15	17 27	16 2	6 9	5 46	10 39	10 3	6 26
T 24	15 11	17 21	5 14	9 18	1 38	26 17	2 51	15 22	1 44	23 38	0 15	22 45	0 42	19 56	0 36	22 9	1 15	17 27	16 2	6 8	5 45	10 41	10 3	6 26
F 25	15 29	15 28	5 6	8 58	1 52	26 21	2 52	15 9	1 46	23 37	0 15	22 45	0 42	19 56	0 36	22 9	1 15	17 27	16 3	6 7	5 44	10 42	10 2	6 26
S 26	15 46	12 46	4 42	8 41	2 6	26 23	2 53	14 56	1 47	23 37	0 15	22 45	0 42	19 56	0 36	22 9	1 15	17 27	16 3	6 7	5 43	10 44	10 1	6 27
S 27	16 4	9 19	4 2	8 26	2 18	26 25	2 54	14 43	1 48	23 37	0 15	22 46	0 42	19 56	0 36	22 9	1 15	17 27	16 3	6 7	5 41	10 45	10 1	6 27
M28	16 21	5 17	3 6	8 13	2 30	26 26	2 55	14 30	1 50	23 36	0 15	22 46	0 42	19 56	0 36	22 9	1 15	17 27	16 3	6 7	5 40	10 47	10 0	6 28
T 29	16 38	0 49	1 59	8 4	2 40	26 27	2 56	14 16	1 51	23 36	0 15	22 46	0 42	19 56	0 36	22 9	1 15	17 26	16 4	6 8	5 39	10 48	9 59	6 28
W30	16n55	3n49	0n41	7n56	2s50	26n27	2n56	14s 3	1s52	23n35	0n15	22n47	0s41	19s56	0s36	22s 9	1n15	17s26	16s 4	6s 8	5s38	10s50	9s59	6n28

Julian Day Number = 2205469.5, Delta T = 09m44s
Ecliptic obliquity = 23°31'28, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°20'35, Lahiri = 14°27'36 Julian Calendar 1 Apr. 1326 == Greg. Calendar 9 Apr. 1326

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ASTRODIENST EPHEMERIS for the year 1326
geocentric

MAY 1326 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	15 5 32	17♉44'26	22♈54	27♈32	2♋40	28♒28	7♋13	26♊21	3°R55	24°R 7	23♓ 8	15°R32	14♎10	2♏29	15♒47	T 1
F 2	15 9 29	18°42'10	8♉ 1	27°46	3°41	29°10	7°24	26°28	3♒55	24♐ 6	23° 9	15♎31	14° 7	2°36	15°48	F 2
S 3	15 13 25	19°39'53	23°11	28° 4	4°42	29°52	7°35	26°34	3°55	24° 5	23°10	15°27	14° 4	2°42	15°48	S 3
S 4	15 17 22	20°37'34	8♊15	28°27	5°43	0♓34	7°46	26°41	3°55	24° 3	23°11	15°23	14° 1	2°49	15°49	S 4
M 5	15 21 18	21°35'14	23° 4	28°54	6°44	1°16	7°57	26°48	3°55	24° 2	23°12	15°18	13°58	2°56	15°49	M 5
T 6	15 25 15	22°32'53	7♋29	29°25	7°44	1°58	8° 8	26°55	3°55	24° 1	23°13	15°13	13°55	3° 2	15°50	T 6
W 7	15 29 12	23°30'30	21°28	29°59	8°44	2°40	8°19	27° 2	3°54	23°59	23°14	15° 8	13°51	3° 9	15°50	W 7
T 8	15 33 8	24°28'05	4♌58	0♉38	9°43	3°22	8°31	27° 9	3°54	23°58	23°15	15° 5	13°48	3°16	15°50	T 8
F 9	15 37 5	25°25'39	18° 1	1°21	10°42	4° 4	8°42	27°16	3°54	23°57	23°16	15° 3	13°45	3°22	15°51	F 9
S 10	15 41 1	26°23'12	0♍39	2° 8	11°40	4°46	8°54	27°23	3°53	23°55	23°16	15°D 3	13°42	3°29	15°51	S 10
S 11	15 44 58	27°20'43	12°58	2°58	12°39	5°27	9° 5	27°30	3°53	23°54	23°17	15° 4	13°39	3°36	15°51	S 11
M12	15 48 54	28°18'13	25° 2	3°51	13°36	6° 9	9°17	27°37	3°52	23°52	23°18	15° 5	13°36	3°42	15°51	M12
T 13	15 52 51	29°15'41	6♎56	4°49	14°34	6°50	9°28	27°44	3°52	23°51	23°19	15° 6	13°32	3°49	15°R51	T 13
W14	15 56 47	0♊13'08	18°45	5°49	15°30	7°32	9°40	27°52	3°51	23°50	23°19	15°R 7	13°29	3°56	15°51	W14
T 15	16 0 44	1°10'34	0♏32	6°53	16°27	8°13	9°52	27°59	3°50	23°48	23°20	15° 5	13°26	4° 2	15°51	T 15
F 16	16 4 41	2° 7'59	12°21	7°59	17°22	8°55	10° 4	28° 6	3°50	23°47	23°21	15° 2	13°23	4° 9	15°51	F 16
S 17	16 8 37	3° 5'23	24°14	9° 9	18°18	9°36	10°15	28°14	3°49	23°45	23°21	14°56	13°20	4°16	15°51	S 17
S 18	16 12 34	4° 2'46	6♐15	10°22	19°12	10°17	10°27	28°21	3°48	23°44	23°22	14°49	13°16	4°22	15°50	S 18
M19	16 16 30	5° 0'08	18°23	11°38	20° 7	10°59	10°39	28°28	3°47	23°42	23°23	14°40	13°13	4°29	15°50	M19
T 20	16 20 27	5°57'29	0♑41	12°57	21° 0	11°40	10°52	28°36	3°46	23°41	23°23	14°31	13°10	4°36	15°50	T 20
W21	16 24 23	6°54'50	13°10	14°19	21°53	12°21	11° 4	28°43	3°45	23°39	23°24	14°22	13° 7	4°42	15°49	W21
T 22	16 28 20	7°52'09	25°51	15°44	22°46	13° 2	11°16	28°51	3°44	23°38	23°25	14°14	13° 4	4°49	15°49	T 22
F 23	16 32 17	8°49'29	8♒44	17°12	23°37	13°43	11°28	28°58	3°43	23°36	23°25	14° 9	13° 1	4°56	15°48	F 23
S 24	16 36 13	9°46'47	21°52	18°42	24°29	14°23	11°40	29° 6	3°42	23°35	23°26	14° 5	12°57	5° 2	15°47	S 24
S 25	16 40 10	10°44'05	5♓17	20°15	25°19	15° 4	11°53	29°13	3°41	23°33	23°26	14°D 3	12°54	5° 9	15°46	S 25
M26	16 44 6	11°41'23	18°59	21°52	26° 9	15°45	12° 5	29°21	3°40	23°31	23°27	14° 3	12°51	5°16	15°46	M26
T 27	16 48 3	12°38'41	3♈ 0	23°30	26°58	16°25	12°17	29°28	3°39	23°30	23°27	14° 4	12°48	5°22	15°45	T 27
W28	16 51 59	13°35'58	17°20	25°12	27°46	17° 5	12°30	29°36	3°38	23°28	23°27	14°R 4	12°45	5°29	15°44	W28
T 29	16 55 56	14°33'14	1♉57	26°57	28°34	17°46	12°42	29°44	3°36	23°27	23°28	14° 3	12°41	5°36	15°43	T 29
F 30	16 59 52	15°30'31	16°47	28°44	29°20	18°26	12°55	29°51	3°35	23°25	23°28	14° 0	12°38	5°42	15°42	F 30
S 31	17 3 49	16♊27'47	1♊43	0♊34	0♌ 6	19♓ 6	13♋ 8	29♊59	3♒34	23♐23	23♓29	13♎54	12♎35	5♏49	15♒41	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17n11	8n19	0s40	7n52	2s58	26n27	2n57	13s49	1s53	23n35	0n15	22n47	0s41	19s56	0s36	22s 9	1n15	17s26	16s 4	6s 8	5s37	10s51	9s58	6n29
F 2	17 27	12 20	2 0	7 49	3 6	26 25	2 57	13 36	1 55	23 34	0 15	22 47	0 41	19 56	0 36	22 9	1 15	17 26	16 5	6 8	5 35	10 53	9 57	6 29
S 3	17 43	15 33	3 11	7 50	3 13	26 24	2 57	13 22	1 56	23 33	0 15	22 48	0 41	19 56	0 36	22 9	1 15	17 26	16 5	6 6	5 34	10 54	9 57	6 30
S 4	17 58	17 40	4 9	7 52	3 18	26 21	2 57	13 8	1 57	23 33	0 15	22 48	0 41	19 56	0 36	22 9	1 15	17 26	16 5	6 5	5 33	10 56	9 56	6 30
M 5	18 13	18 32	4 49	7 58	3 23	26 18	2 57	12 54	1 59	23 32	0 15	22 48	0 41	19 56	0 36	22 9	1 15	17 26	16 6	6 3	5 32	10 57	9 56	6 30
T 6	18 28	18 11	5 9	8 5	3 27	26 15	2 57	12 41	2 0	23 32	0 15	22 49	0 41	19 56	0 36	22 9	1 15	17 26	16 6	6 1	5 30	10 59	9 55	6 31
W 7	18 43	16 42	5 10	8 15	3 29	26 11	2 57	12 27	2 1	23 31	0 15	22 49	0 41	19 56	0 36	22 8	1 15	17 26	16 6	5 59	5 29	11 0	9 55	6 31
T 8	18 57	14 21	4 53	8 26	3 31	26 6	2 56	12 13	2 3	23 30	0 15	22 49	0 40	19 56	0 36	22 8	1 15	17 26	16 7	5 58	5 28	11 2	9 54	6 32
F 9	19 11	11 20	4 22	8 40	3 32	26 1	2 56	11 58	2 4	23 30	0 16	22 49	0 40	19 56	0 36	22 8	1 15	17 26	16 7	5 57	5 27	11 3	9 54	6 32
S 10	19 25	7 53	3 38	8 56	3 32	25 55	2 55	11 44	2 5	23 29	0 16	22 50	0 40	19 56	0 36	22 8	1 15	17 26	16 7	5 57	5 25	11 5	9 53	6 32
S 11	19 38	4 10	2 46	9 13	3 32	25 48	2 54	11 30	2 6	23 28	0 16	22 50	0 40	19 57	0 36	22 8	1 15	17 26	16 8	5 57	5 24	11 6	9 53	6 33
M12	19 51	0 21	1 47	9 33	3 30	25 42	2 53	11 16	2 8	23 28	0 16	22 50	0 40	19 57	0 37	22 8	1 15	17 26	16 8	5 58	5 23	11 8	9 53	6 33
T 13	20 4	3s26	0 44	9 54	3 28	25 34	2 52	11 2	2 9	23 27	0 16	22 50	0 40	19 57	0 37	22 8	1 15	17 26	16 8	5 58	5 22	11 9	9 52	6 34
W14	20 16	7 4	0n20	10 17	3 25	25 26	2 50	10 47	2 10	23 26	0 16	22 51	0 40	19 57	0 37	22 8	1 15	17 26	16 9	5 58	5 20	11 11	9 52	6 34
T 15	20 28	10 25	1 23	10 41	3 22	25 18	2 49	10 33	2 12	23 25	0 16	22 51	0 40	19 57	0 37	22 8	1 15	17 26	16 9	5 58	5 19	11 12	9 52	6 34
F 16	20 40	13 21	2 22	11 6	3 18	25 9	2 47	10 18	2 13	23 24	0 16	22 51	0 39	19 57	0 37	22 8	1 15	17 26	16 9	5 57	5 18	11 14	9 51	6 35
S 17	20 51	15 44	3 15	11 33	3 13	24 59	2 45	10 4	2 14	23 24	0 16	22 51	0 39	19 58	0 37	22 8	1 15	17 26	16 10	5 54	5 17	11 15	9 51	6 35
S 18	21 2	17 29	4 0	12 1	3 7	24 50	2 43	9 49	2 15	23 23	0 16	22 52	0 39	19 58	0 37	22 8	1 15	17 26	16 10	5 52	5 15	11 16	9 51	6 36
M19	21 12	18 27	4 35	12 30	3 1	24 39	2 40	9 35	2 17	23 22	0 16	22 52	0 39	19 58	0 37	22 8	1 15	17 26	16 10	5 48	5 14	11 18	9 50	6 36
T 20	21 23	18 34	4 58	13 1	2 54	24 29	2 38	9 20	2 18	23 21	0 16	22 52	0 39	19 58	0 37	22 7	1 15	17 26	16 11	5 45	5 13	11 19	9 50	6 36
W21	21 32	17 47	5 6	13 32	2 47	24 17	2 35	9 6	2 19	23 20	0 16	22 52	0 39	19 59	0 37	22 7	1 15	17 26	16 11	5 41	5 12	11 21	9 50	6 37
T 22	21 42	16 8	5 0	14 4	2 39	24 6	2 32	8 51	2 20	23 19	0 16	22 52	0 39	19 59	0 37	22 7	1 15	17 26	16 11	5 38	5 11	11 22	9 50	6 37
F 23	21 51	13 39	4 39	14 37	2 31	23 54	2 29	8 36	2 22	23 18	0 17	22 52	0 39	19 59	0 37	22 7	1 15	17 26	16 12	5 36	5 9	11 24	9 49	6 37
S 24	22 0	10 26	4 3	15 10	2 22	23 42	2 26	8 22	2 23	23 17	0 17	22 53	0 39	19 59	0 37	22 7	1 15	17 26	16 12	5 34	5 8	11 25	9 49	6 38
S 25	22 8	6 37	3 13	15 44	2 13	23 29	2 22	8 7	2 24	23 16	0 17	22 53	0 38	20 0	0 37	22 7	1 15	17 26	16 12	5 34	5 7	11 27	9 49	6 38
M26	22 16	2 23	2 10	16 19	2 3	23 16	2 19	7 52	2 25	23 15	0 17	22 53	0 38	20 0	0 37	22 7	1 15	17 27	16 13	5 34	5 6	11 28	9 49	6 39
T 27	22 24	2n 6	0 59	16 53	1 53	23 3	2 15	7 38	2 27	23 14	0 17	22 53	0 38	20 0	0 37	22 7	1 15	17 27	16 13	5 34	5 4	11 30	9 49	6 39
W28	22 31	6 34	0s17	17 28	1 43	22 49	2 11	7 23	2 28	23 13	0 17	22 53	0 38	20 1	0 37	22 7	1 15	17 27	16 13	5 34	5 3	11 31	9 49	6 39
T 29	22 38	10 43	1 34	18 3	1 33	22 35	2 6	7 8	2 29	23 12	0 17	22 53	0 38	20 1	0 37	22 7	1 15	17 27	16 14	5 34	5 2	11 32	9 49	6 40
F 30	22 44	14 16	2 46	18 37	1 22	22 21	2 2	6 54	2 30	23 11	0 17	22 53	0 38	20 1	0 37	22 7	1 15	17 27	16 14	5 32	5 1	11 34	9 49	6 40
S 31	22n50	16n53	3s46	19n11	1s11	22n 6	1n57	6s39	2s32	23n10	0n17	22n54	0s38	20s 2	0s37	22s 7	1n15	17s27	16s15	5s30	4s59	11s35	9s49	6n40

Julian Day Number = 2205499.5, Delta T = 09m44s
Ecliptic obliquity = 23°31'27, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°20'39, Lahiri = 14°27'40 Julian Calendar 1 May 1326 == Greg. Calendar 9 May 1326

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ASTRODIENST EPHEMERIS for the year 1326
geocentric

JUNE 1326 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	17 7 46	17♊25'03	16♊38	2♊26	0♌51	19♓46	13♋20	0♋ 7	3°R32	23°R22	23♓29	13°R46	12♎32	5♏55	15°R40	S 1
M 2	17 11 42	18°22'18	1♋21	4°21	1°36	20°26	13°33	0°14	3♒31	23♐20	23°29	13♎36	12°29	6° 2	15♒38	M 2
T 3	17 15 39	19°19'33	15°46	6°18	2°19	21° 6	13°46	0°22	3°29	23°19	23°30	13°26	12°26	6° 9	15°37	T 3
W 4	17 19 35	20°16'47	29°46	8°18	3° 1	21°45	13°58	0°30	3°28	23°17	23°30	13°17	12°22	6°15	15°36	W 4
T 5	17 23 32	21°14'00	13♌19	10°19	3°42	22°25	14°11	0°38	3°26	23°15	23°30	13°10	12°19	6°22	15°34	T 5
F 6	17 27 28	22°11'13	26°25	12°23	4°22	23° 4	14°24	0°45	3°25	23°14	23°30	13° 5	12°16	6°29	15°33	F 6
S 7	17 31 25	23° 8'25	9♍ 6	14°29	5° 1	23°43	14°37	0°53	3°23	23°12	23°31	13° 2	12°13	6°35	15°31	S 7
S 8	17 35 21	24° 5'37	21°26	16°36	5°39	24°22	14°50	1° 1	3°21	23°10	23°31	13°D 2	12°10	6°42	15°30	S 8
M 9	17 39 18	25° 2'48	3♎30	18°44	6°16	25° 1	15° 3	1° 9	3°20	23° 9	23°31	13° 2	12° 7	6°49	15°28	M 9
T 10	17 43 15	25°59'59	15°24	20°53	6°52	25°40	15°16	1°17	3°18	23° 7	23°31	13°R 2	12° 3	6°55	15°27	T 10
W11	17 47 11	26°57'09	27°12	23° 3	7°26	26°19	15°29	1°24	3°16	23° 6	23°31	13° 1	12° 0	7° 2	15°25	W11
T 12	17 51 8	27°54'19	9♏ 0	25°14	7°59	26°57	15°42	1°32	3°15	23° 4	23°31	12°58	11°57	7° 9	15°23	T 12
F 13	17 55 4	28°51'29	20°53	27°25	8°30	27°35	15°55	1°40	3°13	23° 2	23°31	12°53	11°54	7°15	15°21	F 13
S 14	17 59 1	29°48'38	2♐52	29°35	9° 0	28°14	16° 8	1°48	3°11	23° 1	23°31	12°45	11°51	7°22	15°19	S 14
S 15	18 2 57	0♑45'48	15° 2	1♑46	9°29	28°52	16°21	1°56	3° 9	22°59	23°31	12°35	11°47	7°29	15°18	S 15
M16	18 6 54	1°42'57	27°23	3°56	9°56	29°30	16°34	2° 4	3° 7	22°58	23°R31	12°23	11°44	7°35	15°16	M16
T 17	18 10 50	2°40'06	9♒57	6° 4	10°22	0♈ 7	16°47	2°11	3° 5	22°56	23°31	12°10	11°41	7°42	15°14	T 17
W18	18 14 47	3°37'15	22°43	8°12	10°45	0°45	17° 0	2°19	3° 3	22°54	23°31	11°58	11°38	7°49	15°11	W18
T 19	18 18 44	4°34'25	5♓42	10°19	11° 8	1°22	17°14	2°27	3° 1	22°53	23°31	11°47	11°35	7°55	15° 9	T 19
F 20	18 22 40	5°31'34	18°52	12°24	11°28	2° 0	17°27	2°35	2°59	22°51	23°31	11°38	11°32	8° 2	15° 7	F 20
S 21	18 26 37	6°28'44	2♈13	14°28	11°46	2°37	17°40	2°43	2°57	22°50	23°31	11°33	11°28	8° 9	15° 5	S 21
S 22	18 30 33	7°25'55	15°46	16°31	12° 3	3°13	17°53	2°50	2°55	22°48	23°31	11°29	11°25	8°15	15° 3	S 22
M23	18 34 30	8°23'05	29°31	18°31	12°18	3°50	18° 6	2°58	2°53	22°47	23°31	11°28	11°22	8°22	15° 0	M23
T 24	18 38 26	9°20'17	13♈27	20°30	12°30	4°27	18°20	3° 6	2°51	22°45	23°31	11°28	11°19	8°29	14°58	T 24
W25	18 42 23	10°17'29	27°36	22°27	12°41	5° 3	18°33	3°14	2°49	22°44	23°31	11°28	11°16	8°35	14°56	W25
T 26	18 46 19	11°14'41	11♉56	24°22	12°50	5°39	18°46	3°22	2°47	22°42	23°30	11°26	11°13	8°42	14°53	T 26
F 27	18 50 16	12°11'54	26°25	26°16	12°56	6°15	19° 0	3°29	2°44	22°40	23°30	11°22	11° 9	8°49	14°51	F 27
S 28	18 54 13	13° 9'08	10♊59	28° 8	13° 0	6°50	19°13	3°37	2°42	22°39	23°30	11°15	11° 6	8°55	14°48	S 28
S 29	18 58 9	14° 6'23	25°31	29°57	13°R 2	7°26	19°26	3°45	2°40	22°37	23°30	11° 5	11° 3	9° 2	14°46	S 29
M30	19 2 6	15♋ 3'38	9♋56	1♌45	13♌ 2	8♈ 1	19♋40	3♋53	2♒38	22♐36	23♓29	10♎54	11♎ 0	9♏ 9	14♒43	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n56	18n22	4s31	19n45	0s59	21n51	1n52	6s25	2s33	23n 8	0n17	22n54	0s38	20s 2	0s37	22s 7	1n15	17s28	16s15	5s27	4s58	11s37	9s49	6n41
M 2	23 1	18 34	4 57	20 18	0 48	21 36	1 46	6 10	2 34	23 7	0 17	22 54	0 38	20 2	0 37	22 6	1 15	17 28	16 15	5 23	4 57	11 38	9 49	6 41
T 3	23 6	17 34	5 3	20 50	0 37	21 21	1 41	5 55	2 35	23 6	0 17	22 54	0 38	20 3	0 37	22 6	1 15	17 28	16 16	5 19	4 56	11 40	9 49	6 41
W 4	23 10	15 31	4 51	21 21	0 25	21 6	1 35	5 41	2 37	23 5	0 17	22 54	0 37	20 3	0 37	22 6	1 15	17 28	16 16	5 16	4 54	11 41	9 49	6 42
T 5	23 14	12 41	4 23	21 51	0 14	20 50	1 29	5 26	2 38	23 3	0 18	22 54	0 37	20 4	0 37	22 6	1 15	17 29	16 16	5 13	4 53	11 42	9 49	6 42
F 6	23 18	9 17	3 42	22 19	0 3	20 34	1 23	5 12	2 39	23 2	0 18	22 54	0 37	20 4	0 37	22 6	1 15	17 29	16 17	5 11	4 52	11 44	9 49	6 43
S 7	23 21	5 33	2 50	22 45	0n 8	20 18	1 16	4 57	2 40	23 1	0 18	22 54	0 37	20 4	0 37	22 6	1 15	17 29	16 17	5 10	4 51	11 45	9 49	6 43
S 8	23 24	1 41	1 52	23 10	0 19	20 2	1 9	4 43	2 41	22 59	0 18	22 54	0 37	20 5	0 37	22 6	1 15	17 29	16 18	5 10	4 49	11 47	9 49	6 43
M 9	23 26	2s10	0 51	23 32	0 29	19 46	1 2	4 28	2 43	22 58	0 18	22 54	0 37	20 5	0 37	22 6	1 15	17 30	16 18	5 10	4 48	11 48	9 49	6 43
T 10	23 28	5 53	0n13	23 52	0 39	19 30	0 55	4 14	2 44	22 57	0 18	22 54	0 37	20 6	0 37	22 6	1 15	17 30	16 18	5 10	4 47	11 49	9 50	6 44
W11	23 29	9 21	1 15	24 9	0 49	19 14	0 47	4 0	2 45	22 55	0 18	22 54	0 37	20 6	0 37	22 6	1 15	17 30	16 19	5 9	4 46	11 51	9 50	6 44
T 12	23 30	12 27	2 13	24 24	0 58	18 58	0 39	3 45	2 46	22 54	0 18	22 54	0 37	20 6	0 37	22 6	1 15	17 30	16 19	5 8	4 44	11 52	9 50	6 44
F 13	23 31	15 2	3 7	24 36	1 6	18 42	0 31	3 31	2 47	22 52	0 18	22 54	0 37	20 7	0 37	22 6	1 15	17 31	16 19	5 6	4 43	11 54	9 50	6 45
S 14	23 31	17 1	3 52	24 45	1 14	18 25	0 22	3 17	2 49	22 51	0 18	22 54	0 37	20 7	0 37	22 6	1 15	17 31	16 20	5 3	4 42	11 55	9 50	6 45
S 15	23 31	18 15	4 27	24 52	1 21	18 9	0 13	3 3	2 50	22 49	0 18	22 54	0 36	20 8	0 38	22 6	1 15	17 31	16 20	4 59	4 41	11 56	9 51	6 45
M16	23 31	18 39	4 51	24 55	1 27	17 53	0 4	2 49	2 51	22 48	0 18	22 54	0 36	20 8	0 38	22 5	1 15	17 32	16 21	4 55	4 39	11 58	9 51	6 46
T 17	23 30	18 9	5 0	24 56	1 33	17 37	0s 5	2 35	2 52	22 46	0 18	22 54	0 36	20 9	0 38	22 5	1 15	17 32	16 21	4 50	4 38	11 59	9 51	6 46
W18	23 28	16 45	4 56	24 54	1 38	17 21	0 15	2 21	2 53	22 45	0 19	22 54	0 36	20 9	0 38	22 5	1 15	17 32	16 21	4 45	4 37	12 1	9 52	6 46
T 19	23 27	14 28	4 35	24 49	1 42	17 6	0 25	2 7	2 54	22 43	0 19	22 54	0 36	20 10	0 38	22 5	1 15	17 33	16 22	4 40	4 36	12 2	9 52	6 46
F 20	23 25	11 25	4 0	24 41	1 45	16 50	0 36	1 53	2 55	22 41	0 19	22 54	0 36	20 10	0 38	22 5	1 15	17 33	16 22	4 37	4 34	12 3	9 52	6 47
S 21	23 22	7 44	3 12	24 31	1 48	16 35	0 46	1 39	2 57	22 40	0 19	22 54	0 36	20 11	0 38	22 5	1 15	17 34	16 22	4 35	4 33	12 5	9 53	6 47
S 22	23 19	3 37	2 12	24 19	1 50	16 19	0 57	1 26	2 58	22 38	0 19	22 54	0 36	20 11	0 38	22 5	1 15	17 34	16 23	4 34	4 32	12 6	9 53	6 47
M23	23 15	0n46	1 3	24 4	1 51	16 4	1 9	1 12	2 59	22 36	0 19	22 54	0 36	20 12	0 38	22 5	1 15	17 34	16 23	4 33	4 31	12 8	9 54	6 47
T 24	23 12	5 10	0s11	23 48	1 52	15 50	1 20	0 59	3 0	22 35	0 19	22 54	0 36	20 12	0 38	22 5	1 15	17 35	16 24	4 33	4 29	12 9	9 54	6 48
W25	23 7	9 21	1 24	23 29	1 52	15 35	1 32	0 45	3 1	22 33	0 19	22 53	0 36	20 13	0 38	22 5	1 15	17 35	16 24	4 33	4 28	12 10	9 54	6 48
T 26	23 3	13 2	2 34	23 8	1 51	15 21	1 44	0 32	3 2	22 31	0 19	22 53	0 36	20 13	0 38	22 5	1 15	17 36	16 24	4 32	4 27	12 12	9 55	6 48
F 27	22 58	15 57	3 34	22 46	1 49	15 8	1 57	0 19	3 3	22 30	0 19	22 53	0 35	20 14	0 38	22 5	1 15	17 36	16 25	4 31	4 26	12 13	9 55	6 48
S 28	22 52	17 52	4 20	22 22	1 47	14 54	2 9	0 6	3 4	22 28	0 19	22 53	0 35	20 14	0 38	22 5	1 15	17 36	16 25	4 28	4 24	12 15	9 56	6 49
S 29	22 46	18 37	4 50	21 56	1 45	14 41	2 22	0n 7	3 5	22 26	0 19	22 53	0 35	20 15	0 38	22 5	1 15	17 37	16 25	4 24	4 23	12 16	9 56	6 49
M30	22n40	18n 9	5s 1	21n29	1n41	14n29	2s36	0n20	3s 6	22n24	0n20	22n53	0s35	20s15	0s38	22s 5	1n15	17s37	16s26	4s20	4s22	12s17	9s57	6n49

Julian Day Number = 2205530.5, Delta T = 09m44s
Ecliptic obliquity = 23°31'27, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°20'44, Lahiri = 14°27'44 Julian Calendar 1 June 1326 == Greg. Calendar 9 June 1326

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ASTRODIENST EPHEMERIS for the year 1326
geocentric

JULY 1326 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	19 6 2	16♋ 0'53	24♋ 7	3♌32	12°R59	8♈36	19♋53	4♋ 0	2°R35	22°R35	23°R29	10°R42	10♎57	9♏15	14°R41	T 1
W 2	19 9 59	16°58'09	7♌57	5°16	12♌54	9°10	20° 6	4° 8	2♒33	22♐33	23♓29	10♎32	10°53	9°22	14♒38	W 2
T 3	19 13 55	17°55'25	21°25	6°58	12°47	9°45	20°20	4°16	2°31	22°32	23°28	10°23	10°50	9°29	14°35	T 3
F 4	19 17 52	18°52'42	4♍28	8°39	12°37	10°19	20°33	4°24	2°29	22°30	23°28	10°16	10°47	9°35	14°33	F 4
S 5	19 21 48	19°49'59	17° 8	10°18	12°25	10°53	20°46	4°31	2°26	22°29	23°27	10°12	10°44	9°42	14°30	S 5
S 6	19 25 45	20°47'16	29°29	11°55	12°10	11°26	21° 0	4°39	2°24	22°27	23°27	10°10	10°41	9°49	14°27	S 6
M 7	19 29 42	21°44'34	11♎34	13°30	11°54	12° 0	21°13	4°46	2°22	22°26	23°27	10°D10	10°38	9°55	14°24	M 7
T 8	19 33 38	22°41'52	23°29	15° 3	11°34	12°33	21°26	4°54	2°19	22°25	23°26	10°R10	10°34	10° 2	14°21	T 8
W 9	19 37 35	23°39'11	5♏18	16°34	11°13	13° 6	21°40	5° 2	2°17	22°23	23°26	10° 9	10°31	10° 9	14°18	W 9
T 10	19 41 31	24°36'30	17° 8	18° 4	10°49	13°38	21°53	5° 9	2°14	22°22	23°25	10° 7	10°28	10°15	14°16	T 10
F 11	19 45 28	25°33'50	29° 3	19°32	10°24	14°10	22° 6	5°17	2°12	22°21	23°25	10° 3	10°25	10°22	14°13	F 11
S 12	19 49 24	26°31'10	11♐ 8	20°57	9°56	14°42	22°20	5°24	2°10	22°20	23°24	9°56	10°22	10°29	14°10	S 12
S 13	19 53 21	27°28'31	23°26	22°21	9°27	15°14	22°33	5°32	2° 7	22°18	23°23	9°47	10°19	10°35	14° 7	S 13
M14	19 57 17	28°25'53	6♑ 0	23°43	8°55	15°45	22°46	5°39	2° 5	22°17	23°23	9°36	10°15	10°42	14° 4	M14
T 15	20 1 14	29°23'16	18°49	25° 3	8°23	16°16	23° 0	5°47	2° 3	22°16	23°22	9°24	10°12	10°49	14° 1	T 15
W16	20 5 11	0♌20'39	1♒55	26°21	7°49	16°47	23°13	5°54	2° 0	22°15	23°22	9°13	10° 9	10°55	13°58	W16
T 17	20 9 7	1°18'03	15°15	27°37	7°14	17°17	23°26	6° 1	1°58	22°13	23°21	9° 3	10° 6	11° 2	13°55	T 17
F 18	20 13 4	2°15'29	28°47	28°50	6°38	17°47	23°39	6° 9	1°55	22°12	23°20	8°55	10° 3	11° 9	13°52	F 18
S 19	20 17 0	3°12'55	12♓30	0♍ 2	6° 1	18°16	23°53	6°16	1°53	22°11	23°20	8°50	9°59	11°15	13°49	S 19
S 20	20 20 57	4°10'23	26°22	1°11	5°24	18°46	24° 6	6°23	1°51	22°10	23°19	8°48	9°56	11°22	13°46	S 20
M21	20 24 53	5° 7'52	10♈19	2°18	4°46	19°14	24°19	6°30	1°48	22° 9	23°18	8°D47	9°53	11°29	13°42	M21
T 22	20 28 50	6° 5'22	24°22	3°22	4° 9	19°43	24°32	6°38	1°46	22° 8	23°17	8°48	9°50	11°35	13°39	T 22
W23	20 32 46	7° 2'54	8♉29	4°24	3°32	20°11	24°45	6°45	1°43	22° 7	23°17	8°R48	9°47	11°42	13°36	W23
T 24	20 36 43	8° 0'28	22°40	5°23	2°55	20°39	24°59	6°52	1°41	22° 6	23°16	8°47	9°44	11°49	13°33	T 24
F 25	20 40 40	8°58'02	6♊52	6°19	2°20	21° 6	25°12	6°59	1°39	22° 5	23°15	8°44	9°40	11°55	13°30	F 25
S 26	20 44 36	9°55'39	21° 3	7°12	1°45	21°33	25°25	7° 6	1°36	22° 4	23°14	8°39	9°37	12° 2	13°27	S 26
S 27	20 48 33	10°53'17	5♋10	8° 3	1°11	21°59	25°38	7°13	1°34	22° 3	23°14	8°31	9°34	12° 9	13°24	S 27
M28	20 52 29	11°50'56	19° 9	8°50	0°39	22°25	25°51	7°20	1°32	22° 2	23°13	8°23	9°31	12°15	13°21	M28
T 29	20 56 26	12°48'37	2♌55	9°33	0° 8	22°50	26° 4	7°27	1°29	22° 1	23°12	8°13	9°28	12°22	13°17	T 29
W30	21 0 22	13°46'19	16°26	10°13	29♋39	23°15	26°17	7°34	1°27	22° 0	23°11	8° 5	9°25	12°29	13°14	W30
T 31	21 4 19	14♌44'02	29♌39	10♍50	29♋12	23♈40	26♋30	7♋40	1♒25	21♐59	23♓10	7♎58	9♎21	12♏35	13♒11	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n34	16n34	4s53	21n 1	1n38	14n17	2s49	0n33	3s 7	22n22	0n20	22n53	0s35	20s16	0s38	22s 5	1n14	17s38	16s26	4s15	4s21	12s19	9s57	6n49
W 2	22 27	14 2	4 27	20 32	1 33	14 5	3 2	0 46	3 8	22 20	0 20	22 52	0 35	20 16	0 38	22 4	1 14	17 38	16 26	4 11	4 20	12 20	9 58	6 49
T 3	22 19	10 49	3 48	20 1	1 29	13 54	3 16	0 58	3 9	22 18	0 20	22 52	0 35	20 17	0 38	22 4	1 14	17 39	16 27	4 7	4 18	12 21	9 59	6 50
F 4	22 11	7 9	2 57	19 30	1 23	13 43	3 30	1 11	3 10	22 16	0 20	22 52	0 35	20 17	0 38	22 4	1 14	17 39	16 27	4 5	4 17	12 23	9 59	6 50
S 5	22 3	3 16	1 59	18 58	1 18	13 33	3 44	1 23	3 11	22 15	0 20	22 52	0 35	20 18	0 38	22 4	1 14	17 40	16 27	4 3	4 16	12 24	10 0	6 50
S 6	21 55	0s39	0 56	18 26	1 12	13 24	3 58	1 36	3 12	22 13	0 20	22 52	0 35	20 19	0 38	22 4	1 14	17 40	16 28	4 2	4 15	12 25	10 0	6 50
M 7	21 46	4 29	0n 7	17 52	1 5	13 15	4 12	1 48	3 13	22 11	0 20	22 52	0 35	20 19	0 38	22 4	1 14	17 41	16 28	4 2	4 13	12 27	10 1	6 50
T 8	21 36	8 4	1 10	17 18	0 58	13 7	4 26	2 0	3 14	22 9	0 20	22 51	0 35	20 20	0 38	22 4	1 14	17 41	16 28	4 2	4 12	12 28	10 2	6 50
W 9	21 27	11 18	2 9	16 44	0 51	12 59	4 40	2 12	3 15	22 7	0 20	22 51	0 35	20 20	0 38	22 4	1 14	17 42	16 29	4 2	4 11	12 30	10 2	6 51
T 10	21 17	14 5	3 3	16 9	0 43	12 52	4 53	2 23	3 16	22 5	0 20	22 51	0 35	20 21	0 38	22 4	1 14	17 42	16 29	4 1	4 10	12 31	10 3	6 51
F 11	21 6	16 18	3 49	15 34	0 35	12 46	5 7	2 35	3 17	22 3	0 21	22 51	0 34	20 21	0 38	22 4	1 14	17 43	16 29	4 0	4 8	12 32	10 4	6 51
S 12	20 55	17 49	4 25	14 59	0 27	12 40	5 20	2 46	3 18	22 0	0 21	22 50	0 34	20 22	0 38	22 4	1 14	17 43	16 30	3 57	4 7	12 34	10 5	6 51
S 13	20 44	18 32	4 50	14 24	0 18	12 36	5 33	2 58	3 19	21 58	0 21	22 50	0 34	20 22	0 38	22 4	1 14	17 44	16 30	3 53	4 6	12 35	10 5	6 51
M14	20 33	18 22	5 2	13 48	0 9	12 31	5 46	3 9	3 20	21 56	0 21	22 50	0 34	20 23	0 38	22 4	1 14	17 44	16 30	3 49	4 5	12 36	10 6	6 51
T 15	20 21	17 17	4 58	13 13	0s 0	12 28	5 58	3 20	3 20	21 54	0 21	22 50	0 34	20 24	0 38	22 4	1 14	17 45	16 31	3 44	4 3	12 38	10 7	6 51
W16	20 9	15 16	4 39	12 38	0 10	12 25	6 10	3 31	3 21	21 52	0 21	22 49	0 34	20 24	0 38	22 4	1 14	17 45	16 31	3 40	4 2	12 39	10 8	6 51
T 17	19 56	12 25	4 5	12 2	0 19	12 23	6 21	3 42	3 22	21 50	0 21	22 49	0 34	20 25	0 38	22 4	1 14	17 46	16 31	3 36	4 1	12 40	10 8	6 51
F 18	19 44	8 52	3 16	11 28	0 29	12 21	6 32	3 53	3 23	21 48	0 21	22 49	0 34	20 25	0 38	22 4	1 14	17 46	16 32	3 33	4 0	12 42	10 9	6 51
S 19	19 30	4 48	2 15	10 53	0 40	12 21	6 42	4 3	3 24	21 45	0 21	22 49	0 34	20 26	0 38	22 4	1 14	17 47	16 32	3 31	3 58	12 43	10 10	6 51
S 20	19 17	0 27	1 6	10 19	0 50	12 20	6 51	4 13	3 24	21 43	0 21	22 48	0 34	20 26	0 38	22 4	1 14	17 47	16 32	3 30	3 57	12 44	10 11	6 52
M21	19 3	3n59	0s 8	9 45	1 1	12 21	7 0	4 24	3 25	21 41	0 22	22 48	0 34	20 27	0 38	22 4	1 14	17 48	16 33	3 30	3 56	12 46	10 12	6 52
T 22	18 49	8 12	1 22	9 12	1 11	12 22	7 7	4 34	3 26	21 39	0 22	22 48	0 34	20 27	0 38	22 4	1 14	17 49	16 33	3 30	3 54	12 47	10 12	6 52
W23	18 35	11 59	2 32	8 40	1 22	12 23	7 14	4 43	3 27	21 36	0 22	22 47	0 34	20 28	0 38	22 4	1 14	17 49	16 33	3 30	3 53	12 48	10 13	6 52
T 24	18 20	15 5	3 32	8 8	1 33	12 25	7 21	4 53	3 27	21 34	0 22	22 47	0 34	20 28	0 38	22 4	1 14	17 50	16 33	3 30	3 52	12 50	10 14	6 52
F 25	18 5	17 16	4 20	7 37	1 44	12 28	7 26	5 3	3 28	21 32	0 22	22 47	0 34	20 29	0 38	22 4	1 14	17 50	16 34	3 28	3 51	12 51	10 15	6 52
S 26	17 49	18 23	4 51	7 7	1 55	12 31	7 30	5 12	3 29	21 30	0 22	22 46	0 34	20 29	0 38	22 4	1 14	17 51	16 34	3 26	3 49	12 52	10 16	6 52
S 27	17 34	18 21	5 5	6 38	2 6	12 34	7 34	5 21	3 30	21 27	0 22	22 46	0 34	20 30	0 38	22 4	1 14	17 51	16 34	3 24	3 48	12 53	10 17	6 52
M28	17 18	17 12	5 0	6 10	2 17	12 38	7 37	5 30	3 30	21 25	0 22	22 46	0 33	20 31	0 38	22 4	1 14	17 52	16 34	3 20	3 47	12 55	10 18	6 52
T 29	17 2	15 4	4 38	5 43	2 28	12 43	7 39	5 39	3 31	21 23	0 22	22 45	0 33	20 31	0 38	22 4	1 14	17 52	16 35	3 16	3 46	12 56	10 18	6 52
W30	16 45	12 9	4 0	5 18	2 39	12 47	7 40	5 48	3 31	21 20	0 23	22 45	0 33	20 32	0 38	22 4	1 13	17 53	16 35	3 13	3 44	12 57	10 19	6 52
T 31	16n28	8n40	3s10	4n54	2s50	12n52	7s41	5n56	3s32	21n18	0n23	22n45	0s33	20s32	0s38	22s 4	1n13	17s54	16s35	3s10	3s43	12s59	10s20	6n52

Julian Day Number = 2205560.5, Delta T = 09m44s
Ecliptic obliquity = 23°31'27, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°20'48, Lahiri = 14°27'48 Julian Calendar 1 July 1326 == Greg. Calendar 9 July 1326

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ASTRODIENST EPHEMERIS for the year 1326
geocentric

AUGUST 1326 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	21 8 15	15♌41'47	12♍32	11♍22	28°R47	24♈ 4	26♋43	7♋47	1°R22	21°R59	23°R 9	7°R52	9♎18	12♏42	13°R 8	F 1
S 2	21 12 12	16°39'33	25° 6	11°49	28♋24	24°27	26°56	7°54	1♒20	21♐58	23♓ 8	7♎50	9°15	12°49	13♒ 5	S 2
S 3	21 16 9	17°37'20	7♎24	12°13	28° 3	24°50	27° 9	8° 1	1°18	21°57	23° 7	7°D49	9°12	12°55	13° 2	S 3
M 4	21 20 5	18°35'08	19°27	12°31	27°44	25°13	27°22	8° 7	1°15	21°56	23° 6	7°49	9° 9	13° 2	12°59	M 4
T 5	21 24 2	19°32'58	1♏22	12°45	27°28	25°35	27°34	8°14	1°13	21°56	23° 5	7°50	9° 5	13° 9	12°56	T 5
W 6	21 27 58	20°30'49	13°12	12°53	27°14	25°56	27°47	8°20	1°11	21°55	23° 5	7°52	9° 2	13°15	12°52	W 6
T 7	21 31 55	21°28'41	25° 3	12°R56	27° 2	26°17	28° 0	8°27	1° 9	21°54	23° 4	7°R52	8°59	13°22	12°49	T 7
F 8	21 35 51	22°26'34	6♐59	12°53	26°53	26°37	28°13	8°33	1° 7	21°54	23° 3	7°50	8°56	13°29	12°46	F 8
S 9	21 39 48	23°24'29	19° 6	12°44	26°46	26°57	28°25	8°39	1° 4	21°53	23° 2	7°47	8°53	13°35	12°43	S 9
S 10	21 43 44	24°22'25	1♑28	12°30	26°42	27°16	28°38	8°46	1° 2	21°53	23° 1	7°43	8°50	13°42	12°40	S 10
M11	21 47 41	25°20'23	14° 8	12° 9	26°D40	27°34	28°51	8°52	1° 0	21°52	22°59	7°36	8°46	13°49	12°37	M11
T 12	21 51 38	26°18'22	27° 8	11°42	26°40	27°52	29° 3	8°58	0°58	21°52	22°58	7°30	8°43	13°55	12°34	T 12
W13	21 55 34	27°16'22	10♒29	11° 9	26°42	28° 9	29°16	9° 4	0°56	21°51	22°57	7°23	8°40	14° 2	12°31	W13
T 14	21 59 31	28°14'24	24° 9	10°31	26°47	28°26	29°28	9°10	0°54	21°51	22°56	7°17	8°37	14° 9	12°28	T 14
F 15	22 3 27	29°12'28	8♓ 5	9°47	26°54	28°42	29°40	9°16	0°52	21°50	22°55	7°12	8°34	14°15	12°25	F 15
S 16	22 7 24	0♍10'33	22°14	8°58	27° 3	28°57	29°53	9°22	0°50	21°50	22°54	7°10	8°31	14°22	12°22	S 16
S 17	22 11 20	1° 8'40	6♈30	8° 6	27°15	29°11	0♌ 5	9°28	0°48	21°50	22°53	7°D 9	8°27	14°29	12°19	S 17
M18	22 15 17	2° 6'49	20°51	7°10	27°28	29°25	0°17	9°34	0°46	21°49	22°52	7°10	8°24	14°35	12°16	M18
T 19	22 19 13	3° 5'00	5♉12	6°12	27°44	29°38	0°30	9°39	0°44	21°49	22°51	7°11	8°21	14°42	12°14	T 19
W20	22 23 10	4° 3'14	19°29	5°13	28° 1	29°51	0°42	9°45	0°42	21°49	22°50	7°12	8°18	14°49	12°11	W20
T 21	22 27 6	5° 1'29	3♊40	4°14	28°21	0♉ 3	0°54	9°51	0°40	21°49	22°49	7°R13	8°15	14°55	12° 8	T 21
F 22	22 31 3	5°59'46	17°45	3°16	28°42	0°13	1° 6	9°56	0°38	21°49	22°48	7°12	8°11	15° 2	12° 5	F 22
S 23	22 35 0	6°58'06	1♋40	2°22	29° 5	0°24	1°18	10° 2	0°37	21°48	22°46	7°10	8° 8	15° 9	12° 2	S 23
S 24	22 38 56	7°56'28	15°25	1°32	29°30	0°33	1°30	10° 7	0°35	21°48	22°45	7° 7	8° 5	15°15	12° 0	S 24
M25	22 42 53	8°54'52	28°58	0°47	29°56	0°42	1°42	10°12	0°33	21°48	22°44	7° 3	8° 2	15°22	11°57	M25
T 26	22 46 49	9°53'18	12♌19	0° 9	0♌24	0°49	1°53	10°18	0°31	21°48	22°43	6°59	7°59	15°29	11°54	T 26
W27	22 50 46	10°51'46	25°25	29♌38	0°54	0°56	2° 5	10°23	0°30	21°D48	22°42	6°55	7°56	15°35	11°52	W27
T 28	22 54 42	11°50'16	8♍17	29°16	1°25	1° 2	2°17	10°28	0°28	21°48	22°41	6°52	7°52	15°42	11°49	T 28
F 29	22 58 39	12°48'47	20°55	29° 2	1°57	1° 7	2°28	10°33	0°27	21°48	22°39	6°49	7°49	15°49	11°47	F 29
S 30	23 2 35	13°47'21	3♎18	28°D58	2°31	1°12	2°40	10°38	0°25	21°48	22°38	6°D49	7°46	15°55	11°44	S 30
S 31	23 6 32	14♍45'56	15♎28	29♌ 3	3♌ 6	1♉15	2♌51	10♋43	0♒24	21♐49	22♓37	6♎49	7♎43	16♏ 2	11♒42	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	16n11	4n51	2s12	4n32	3s 1	12n57	7s41	6n 4	3s33	21n16	0n23	22n44	0s33	20s33	0s38	22s 4	1n13	17s54	16s35	3s 8	3s42	13s 0	10s21	6n51
S 2	15 54	0 55	1 8	4 12	3 11	13 3	7 40	6 12	3 33	21 13	0 23	22 44	0 33	20 33	0 38	22 4	1 13	17 55	16 36	3 7	3 41	13 1	10 22	6 51
S 3	15 36	2s59	0 2	3 54	3 22	13 8	7 38	6 20	3 34	21 11	0 23	22 44	0 33	20 34	0 38	22 4	1 13	17 55	16 36	3 7	3 39	13 3	10 23	6 51
M 4	15 19	6 41	1n 3	3 38	3 32	13 14	7 36	6 28	3 34	21 8	0 23	22 43	0 33	20 34	0 38	22 4	1 13	17 56	16 36	3 7	3 38	13 4	10 24	6 51
T 5	15 0	10 3	2 4	3 24	3 41	13 20	7 33	6 35	3 35	21 6	0 23	22 43	0 33	20 35	0 38	22 4	1 13	17 57	16 36	3 7	3 37	13 5	10 25	6 51
W 6	14 42	13 0	3 0	3 12	3 50	13 26	7 30	6 43	3 35	21 3	0 23	22 43	0 33	20 35	0 38	22 4	1 13	17 57	16 37	3 8	3 36	13 6	10 26	6 51
T 7	14 24	15 25	3 48	3 4	3 58	13 32	7 26	6 50	3 35	21 1	0 23	22 42	0 33	20 36	0 38	22 4	1 13	17 58	16 37	3 8	3 34	13 8	10 27	6 51
F 8	14 5	17 11	4 26	2 58	4 6	13 38	7 22	6 57	3 36	20 59	0 24	22 42	0 33	20 36	0 38	22 4	1 13	17 58	16 37	3 7	3 33	13 9	10 28	6 51
S 9	13 46	18 12	4 53	2 55	4 12	13 44	7 17	7 4	3 36	20 56	0 24	22 42	0 33	20 36	0 38	22 4	1 13	17 59	16 37	3 6	3 32	13 10	10 29	6 51
S 10	13 27	18 23	5 8	2 55	4 18	13 50	7 11	7 10	3 36	20 54	0 24	22 41	0 33	20 37	0 38	22 4	1 13	17 59	16 37	3 4	3 31	13 12	10 30	6 51
M11	13 7	17 40	5 8	2 59	4 23	13 56	7 6	7 16	3 37	20 51	0 24	22 41	0 33	20 37	0 38	22 4	1 13	18 0	16 38	3 2	3 29	13 13	10 31	6 50
T 12	12 48	16 2	4 52	3 6	4 26	14 2	7 0	7 22	3 37	20 49	0 24	22 41	0 33	20 38	0 38	22 4	1 13	18 1	16 38	2 59	3 28	13 14	10 32	6 50
W13	12 28	13 30	4 20	3 17	4 28	14 7	6 53	7 28	3 37	20 46	0 24	22 40	0 33	20 38	0 38	22 4	1 13	18 1	16 38	2 56	3 27	13 15	10 33	6 50
T 14	12 8	10 11	3 33	3 31	4 28	14 13	6 47	7 34	3 37	20 44	0 24	22 40	0 33	20 39	0 38	22 4	1 13	18 2	16 38	2 54	3 26	13 17	10 33	6 50
F 15	11 47	6 13	2 32	3 49	4 27	14 18	6 40	7 39	3 38	20 41	0 24	22 39	0 33	20 39	0 38	22 4	1 13	18 2	16 38	2 52	3 24	13 18	10 34	6 50
S 16	11 27	1 52	1 21	4 10	4 24	14 24	6 33	7 45	3 38	20 39	0 24	22 39	0 32	20 40	0 38	22 4	1 13	18 3	16 39	2 51	3 23	13 19	10 35	6 50
S 17	11 6	2n39	0 4	4 34	4 19	14 29	6 25	7 50	3 38	20 36	0 25	22 39	0 32	20 40	0 38	22 4	1 13	18 4	16 39	2 51	3 22	13 21	10 36	6 49
M18	10 46	7 1	1s14	5 1	4 12	14 34	6 18	7 55	3 38	20 34	0 25	22 38	0 32	20 40	0 38	22 4	1 13	18 4	16 39	2 51	3 21	13 22	10 37	6 49
T 19	10 25	10 59	2 27	5 31	4 3	14 38	6 10	7 59	3 38	20 31	0 25	22 38	0 32	20 41	0 38	22 4	1 13	18 5	16 39	2 52	3 19	13 23	10 38	6 49
W20	10 3	14 17	3 31	6 2	3 52	14 43	6 2	8 4	3 38	20 29	0 25	22 38	0 32	20 41	0 38	22 4	1 13	18 5	16 39	2 52	3 18	13 24	10 39	6 49
T 21	9 42	16 41	4 21	6 35	3 39	14 47	5 54	8 8	3 38	20 26	0 25	22 37	0 32	20 42	0 38	22 4	1 12	18 6	16 39	2 52	3 17	13 26	10 40	6 49
F 22	9 21	18 3	4 55	7 10	3 25	14 50	5 46	8 12	3 38	20 24	0 25	22 37	0 32	20 42	0 38	22 4	1 12	18 6	16 39	2 52	3 16	13 27	10 41	6 48
S 23	8 59	18 19	5 12	7 44	3 9	14 54	5 38	8 15	3 37	20 21	0 25	22 37	0 32	20 42	0 38	22 4	1 12	18 7	16 39	2 51	3 14	13 28	10 42	6 48
S 24	8 37	17 30	5 10	8 18	2 52	14 57	5 30	8 19	3 37	20 19	0 25	22 36	0 32	20 43	0 38	22 4	1 12	18 7	16 40	2 50	3 13	13 29	10 43	6 48
M25	8 15	15 42	4 51	8 51	2 34	14 59	5 22	8 22	3 37	20 16	0 26	22 36	0 32	20 43	0 38	22 4	1 12	18 8	16 40	2 49	3 12	13 31	10 44	6 48
T 26	7 53	13 4	4 16	9 22	2 15	15 2	5 13	8 25	3 37	20 14	0 26	22 35	0 32	20 43	0 38	22 4	1 12	18 9	16 40	2 47	3 11	13 32	10 45	6 47
W27	7 31	9 49	3 28	9 51	1 55	15 4	5 5	8 28	3 36	20 11	0 26	22 35	0 32	20 44	0 38	22 4	1 12	18 9	16 40	2 45	3 9	13 33	10 46	6 47
T 28	7 9	6 10	2 31	10 17	1 36	15 5	4 57	8 30	3 36	20 9	0 26	22 35	0 32	20 44	0 38	22 4	1 12	18 10	16 40	2 44	3 8	13 34	10 47	6 47
F 29	6 46	2 17	1 26	10 40	1 16	15 7	4 48	8 33	3 35	20 6	0 26	22 34	0 32	20 44	0 38	22 4	1 12	18 10	16 40	2 43	3 7	13 36	10 48	6 47
S 30	6 24	1s37	0 19	10 59	0 57	15 7	4 40	8 35	3 35	20 4	0 26	22 34	0 32	20 45	0 38	22 4	1 12	18 11	16 40	2 43	3 6	13 37	10 49	6 46
S 31	6n 1	5s23	0n48	11n15	0s38	15n 8	4s32	8n36	3s34	20n 1	0n26	22n34	0s32	20s45	0s38	22s 4	1n12	18s11	16s40	2s43	3s 4	13s38	10s50	6n46

Julian Day Number = 2205591.5, Delta T = 09m44s
Ecliptic obliquity = 23°31'27, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°20'52, Lahiri = 14°27'53 Julian Calendar 1 Aug. 1326 == Greg. Calendar 9 Aug. 1326

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ASTRODIENST EPHEMERIS for the year 1326
geocentric

SEPTEMBER 1326 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	23 10 29	15♍44'34	27♎28	29♌18	3♌43	1♉18	3♌ 3	10♋47	0°R22	21♐49	22°R36	6♎50	7♎40	16♏ 9	11°R39	M 1
T 2	23 14 25	16°43'13	9♏21	29°43	4°20	1°20	3°14	10°52	0♒21	21°49	22♓35	6°51	7°36	16°15	11♒37	T 2
W 3	23 18 22	17°41'54	21°11	0♍16	4°59	1°21	3°25	10°57	0°19	21°49	22°33	6°53	7°33	16°22	11°34	W 3
T 4	23 22 18	18°40'37	3♐ 1	0°59	5°39	1°R21	3°36	11° 1	0°18	21°49	22°32	6°54	7°30	16°29	11°32	T 4
F 5	23 26 15	19°39'21	14°56	1°49	6°20	1°20	3°47	11° 5	0°17	21°50	22°31	6°R55	7°27	16°35	11°30	F 5
S 6	23 30 11	20°38'07	27° 2	2°48	7° 2	1°18	3°58	11°10	0°15	21°50	22°30	6°55	7°24	16°42	11°28	S 6
S 7	23 34 8	21°36'56	9♑23	3°54	7°46	1°16	4° 9	11°14	0°14	21°50	22°29	6°54	7°21	16°49	11°26	S 7
M 8	23 38 4	22°35'45	22° 3	5° 6	8°30	1°12	4°20	11°18	0°13	21°51	22°28	6°53	7°17	16°55	11°24	M 8
T 9	23 42 1	23°34'37	5♒ 5	6°24	9°15	1° 8	4°31	11°22	0°12	21°51	22°26	6°51	7°14	17° 2	11°21	T 9
W10	23 45 58	24°33'30	18°31	7°47	10° 1	1° 2	4°42	11°26	0°11	21°52	22°25	6°49	7°11	17° 9	11°19	W10
T 11	23 49 54	25°32'25	2♓21	9°15	10°48	0°56	4°52	11°30	0°10	21°52	22°24	6°48	7° 8	17°16	11°18	T 11
F 12	23 53 51	26°31'22	16°34	10°47	11°36	0°49	5° 3	11°34	0° 9	21°53	22°23	6°47	7° 5	17°22	11°16	F 12
S 13	23 57 47	27°30'21	1♈ 4	12°22	12°25	0°41	5°13	11°38	0° 8	21°53	22°22	6°D46	7° 2	17°29	11°14	S 13
S 14	0 1 44	28°29'23	15°46	14° 0	13°14	0°33	5°23	11°41	0° 7	21°54	22°20	6°46	6°58	17°36	11°12	S 14
M15	0 5 40	29°28'26	0♉34	15°40	14° 4	0°23	5°33	11°45	0° 6	21°54	22°19	6°47	6°55	17°42	11°10	M15
T 16	0 9 37	0♎27'32	15°20	17°21	14°56	0°13	5°44	11°48	0° 5	21°55	22°18	6°47	6°52	17°49	11° 9	T 16
W17	0 13 33	1°26'40	29°57	19° 5	15°47	0° 1	5°54	11°51	0° 4	21°56	22°17	6°48	6°49	17°56	11° 7	W17
T 18	0 17 30	2°25'50	14♊22	20°49	16°40	29♈49	6° 3	11°55	0° 4	21°57	22°16	6°48	6°46	18° 2	11° 5	T 18
F 19	0 21 26	3°25'03	28°30	22°34	17°33	29°37	6°13	11°58	0° 3	21°57	22°14	6°R49	6°42	18° 9	11° 4	F 19
S 20	0 25 23	4°24'18	12♋20	24°20	18°27	29°23	6°23	12° 1	0° 2	21°58	22°13	6°49	6°39	18°16	11° 2	S 20
S 21	0 29 20	5°23'35	25°53	26° 6	19°21	29° 9	6°33	12° 4	0° 2	21°59	22°12	6°48	6°36	18°22	11° 1	S 21
M22	0 33 16	6°22'55	9♌ 8	27°52	20°16	28°54	6°42	12° 7	0° 1	22° 0	22°11	6°D48	6°33	18°29	11° 0	M22
T 23	0 37 13	7°22'17	22° 7	29°37	21°12	28°38	6°51	12° 9	0° 1	22° 1	22°10	6°48	6°30	18°36	10°58	T 23
W24	0 41 9	8°21'41	4♍51	1♎23	22° 8	28°22	7° 1	12°12	0° 0	22° 1	22° 9	6°48	6°27	18°42	10°57	W24
T 25	0 45 6	9°21'08	17°23	3° 9	23° 5	28° 5	7°10	12°14	29♑59	22° 2	22° 8	6°49	6°23	18°49	10°56	T 25
F 26	0 49 2	10°20'37	29°43	4°54	24° 2	27°47	7°19	12°17	29°59	22° 3	22° 6	6°49	6°20	18°56	10°55	F 26
S 27	0 52 59	11°20'07	11♎53	6°38	25° 0	27°29	7°28	12°19	29°59	22° 4	22° 5	6°R49	6°17	19° 2	10°54	S 27
S 28	0 56 55	12°19'40	23°54	8°22	25°58	27°11	7°37	12°21	29°59	22° 5	22° 4	6°49	6°14	19° 9	10°53	S 28
M29	1 0 52	13°19'15	5♏49	10° 6	26°57	26°52	7°45	12°23	29°59	22° 6	22° 3	6°48	6°11	19°16	10°52	M29
T 30	1 4 49	14♎18'52	17♏40	11♎49	27♌56	26♈33	7♌54	12♋25	29♑59	22♐ 8	22♓ 2	6♎47	6♎ 7	19♏22	10♒51	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	5n38	8s52	1n52	11n26	0s20	15n 7	4s23	8n38	3s33	19n59	0n27	22n33	0s32	20s45	0s38	22s 4	1n12	18s12	16s40	2s43	3s 3	13s39	10s51	6n46
T 2	5 16	11 58	2 50	11 34	0 3	15 7	4 15	8 39	3 33	19 56	0 27	22 33	0 32	20 46	0 38	22 4	1 12	18 12	16 40	2 44	3 2	13 41	10 52	6 46
W 3	4 53	14 33	3 41	11 37	0n13	15 6	4 7	8 40	3 32	19 54	0 27	22 33	0 32	20 46	0 38	22 5	1 12	18 13	16 40	2 44	3 0	13 42	10 53	6 45
T 4	4 30	16 32	4 23	11 36	0 28	15 4	3 58	8 41	3 31	19 51	0 27	22 32	0 32	20 46	0 38	22 5	1 12	18 13	16 40	2 45	2 59	13 43	10 53	6 45
F 5	4 7	17 48	4 54	11 30	0 41	15 3	3 50	8 42	3 30	19 49	0 27	22 32	0 32	20 47	0 38	22 5	1 12	18 14	16 40	2 45	2 58	13 44	10 54	6 45
S 6	3 43	18 18	5 12	11 21	0 54	15 0	3 42	8 42	3 29	19 46	0 27	22 32	0 32	20 47	0 38	22 5	1 12	18 14	16 40	2 45	2 57	13 45	10 55	6 44
S 7	3 20	17 56	5 16	11 8	1 5	14 57	3 33	8 42	3 28	19 44	0 27	22 31	0 32	20 47	0 38	22 5	1 12	18 15	16 40	2 45	2 55	13 47	10 56	6 44
M 8	2 57	16 41	5 6	10 51	1 15	14 54	3 25	8 42	3 27	19 41	0 28	22 31	0 31	20 47	0 38	22 5	1 12	18 15	16 40	2 44	2 54	13 48	10 57	6 44
T 9	2 34	14 33	4 39	10 30	1 24	14 50	3 17	8 42	3 25	19 39	0 28	22 31	0 31	20 47	0 38	22 5	1 12	18 16	16 40	2 44	2 53	13 49	10 58	6 43
W10	2 10	11 35	3 57	10 6	1 32	14 46	3 9	8 41	3 24	19 37	0 28	22 30	0 31	20 48	0 37	22 5	1 12	18 16	16 40	2 43	2 52	13 50	10 59	6 43
T 11	1 47	7 53	3 0	9 39	1 38	14 41	3 1	8 40	3 23	19 34	0 28	22 30	0 31	20 48	0 37	22 5	1 11	18 17	16 40	2 42	2 50	13 52	11 0	6 43
F 12	1 23	3 38	1 50	9 9	1 43	14 35	2 53	8 39	3 21	19 32	0 28	22 30	0 31	20 48	0 37	22 5	1 11	18 17	16 40	2 42	2 49	13 53	11 1	6 42
S 13	1 0	0n55	0 32	8 36	1 48	14 29	2 46	8 38	3 20	19 29	0 28	22 30	0 31	20 48	0 37	22 5	1 11	18 18	16 40	2 42	2 48	13 54	11 1	6 42
S 14	0 36	5 28	0s50	8 1	1 51	14 23	2 38	8 37	3 18	19 27	0 29	22 29	0 31	20 48	0 37	22 5	1 11	18 18	16 40	2 42	2 47	13 55	11 2	6 42
M15	0 13	9 42	2 8	7 24	1 53	14 16	2 30	8 35	3 16	19 25	0 29	22 29	0 31	20 49	0 37	22 5	1 11	18 19	16 40	2 42	2 45	13 56	11 3	6 41
T 16	0s11	13 20	3 18	6 46	1 54	14 9	2 22	8 33	3 14	19 22	0 29	22 29	0 31	20 49	0 37	22 6	1 11	18 19	16 40	2 42	2 44	13 58	11 4	6 41
W17	0 35	16 4	4 14	6 6	1 55	14 1	2 15	8 31	3 12	19 20	0 29	22 29	0 31	20 49	0 37	22 6	1 11	18 20	16 40	2 43	2 43	13 59	11 5	6 40
T 18	0 58	17 44	4 54	5 24	1 54	13 52	2 7	8 29	3 10	19 18	0 29	22 28	0 31	20 49	0 37	22 6	1 11	18 20	16 40	2 43	2 42	14 0	11 5	6 40
F 19	1 22	18 17	5 14	4 42	1 53	13 43	2 0	8 26	3 8	19 15	0 29	22 28	0 31	20 49	0 37	22 6	1 11	18 20	16 40	2 43	2 40	14 1	11 6	6 40
S 20	1 45	17 42	5 16	3 58	1 52	13 34	1 53	8 24	3 6	19 13	0 29	22 28	0 31	20 49	0 37	22 6	1 11	18 21	16 40	2 43	2 39	14 2	11 7	6 39
S 21	2 9	16 8	5 0	3 14	1 49	13 24	1 46	8 21	3 4	19 11	0 30	22 28	0 31	20 49	0 37	22 6	1 11	18 21	16 40	2 43	2 38	14 3	11 8	6 39
M22	2 33	13 43	4 29	2 29	1 47	13 13	1 38	8 18	3 1	19 9	0 30	22 27	0 31	20 49	0 37	22 6	1 11	18 22	16 40	2 43	2 37	14 5	11 8	6 38
T 23	2 56	10 39	3 44	1 44	1 43	13 2	1 31	8 15	2 59	19 6	0 30	22 27	0 31	20 50	0 37	22 6	1 11	18 22	16 40	2 43	2 35	14 6	11 9	6 38
W24	3 20	7 9	2 48	0 58	1 40	12 51	1 24	8 11	2 56	19 4	0 30	22 27	0 31	20 50	0 37	22 6	1 11	18 22	16 40	2 43	2 34	14 7	11 10	6 38
T 25	3 43	3 23	1 46	0 12	1 35	12 39	1 18	8 8	2 54	19 2	0 30	22 27	0 31	20 50	0 37	22 6	1 11	18 23	16 40	2 43	2 33	14 8	11 11	6 37
F 26	4 7	0s29	0 39	0s34	1 31	12 27	1 11	8 4	2 51	19 0	0 31	22 27	0 31	20 50	0 37	22 6	1 11	18 23	16 40	2 43	2 31	14 9	11 11	6 37
S 27	4 30	4 17	0n28	1 20	1 26	12 14	1 4	8 0	2 48	18 58	0 31	22 26	0 31	20 50	0 37	22 7	1 11	18 23	16 40	2 43	2 30	14 11	11 12	6 36
S 28	4 53	7 52	1 34	2 5	1 21	12 0	0 58	7 56	2 45	18 56	0 31	22 26	0 31	20 50	0 37	22 7	1 11	18 24	16 39	2 43	2 29	14 12	11 13	6 36
M29	5 17	11 5	2 34	2 51	1 16	11 46	0 51	7 52	2 42	18 54	0 31	22 26	0 31	20 50	0 37	22 7	1 11	18 24	16 39	2 43	2 28	14 13	11 13	6 36
T 30	5s40	13s50	3n28	3s37	1n10	11n32	0s45	7n48	2s39	18n52	0n31	22n26	0s31	20s50	0s37	22s 7	1n11	18s24	16s39	2s42	2s26	14s14	11s14	6n35

Julian Day Number = 2205622.5, Delta T = 09m44s
Ecliptic obliquity = 23°31'27, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°20'56, Lahiri = 14°27'57 Julian Calendar 1 Sept. 1326 == Greg. Calendar 9 Sept. 1326

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ASTRODIENST EPHEMERIS for the year 1326
geocentric

OCTOBER 1326 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	1 8 45	15♎18'31	29♏29	13♎31	28♌56	26°R13	8♌ 2	12♋27	29°R59	22♐ 9	22°R 1	6°R46	6♎ 4	19♏29	10°R50	W 1
T 2	1 12 42	16°18'12	11♐19	15°13	29°56	25♈53	8°11	12°29	29°D59	22°10	22♓ 0	6♎45	6° 1	19°36	10♒49	T 2
F 3	1 16 38	17°17'54	23°14	16°54	0♍57	25°33	8°19	12°31	29♑59	22°11	21°59	6°43	5°58	19°42	10°49	F 3
S 4	1 20 35	18°17'38	5♑17	18°35	1°58	25°13	8°27	12°32	29°59	22°12	21°58	6°43	5°55	19°49	10°48	S 4
S 5	1 24 31	19°17'24	17°34	20°15	2°59	24°52	8°35	12°34	29°59	22°13	21°57	6°D42	5°52	19°56	10°47	S 5
M 6	1 28 28	20°17'12	0♒ 9	21°54	4° 1	24°32	8°43	12°35	29°59	22°15	21°56	6°42	5°48	20° 3	10°47	M 6
T 7	1 32 24	21°17'02	13° 5	23°33	5° 3	24°11	8°50	12°36	29°59	22°16	21°55	6°43	5°45	20° 9	10°47	T 7
W 8	1 36 21	22°16'53	26°26	25°11	6° 6	23°51	8°58	12°37	29°59	22°17	21°54	6°44	5°42	20°16	10°46	W 8
T 9	1 40 18	23°16'46	10♓14	26°49	7° 8	23°30	9° 5	12°38	29°59	22°19	21°53	6°46	5°39	20°23	10°46	T 9
F 10	1 44 14	24°16'40	24°29	28°26	8°12	23°10	9°13	12°39	0♒ 0	22°20	21°52	6°47	5°36	20°29	10°46	F 10
S 11	1 48 11	25°16'37	9♈ 8	0♏ 2	9°15	22°50	9°20	12°40	0° 1	22°22	21°51	6°R47	5°33	20°36	10°46	S 11
S 12	1 52 7	26°16'35	24° 6	1°38	10°19	22°30	9°27	12°41	0° 1	22°23	21°50	6°46	5°29	20°43	10°45	S 12
M13	1 56 4	27°16'35	9♉15	3°14	11°23	22°10	9°34	12°41	0° 2	22°24	21°49	6°45	5°26	20°49	10°D45	M13
T 14	2 0 0	28°16'37	24°24	4°49	12°28	21°51	9°40	12°42	0° 2	22°26	21°48	6°42	5°23	20°56	10°45	T 14
W15	2 3 57	29°16'41	9♊25	6°24	13°32	21°32	9°47	12°42	0° 3	22°27	21°47	6°39	5°20	21° 3	10°46	W15
T 16	2 7 53	0♏16'48	24°10	7°58	14°38	21°13	9°53	12°42	0° 3	22°29	21°46	6°36	5°17	21° 9	10°46	T 16
F 17	2 11 50	1°16'56	8♋32	9°32	15°43	20°55	9°59	12°R42	0° 4	22°31	21°45	6°33	5°13	21°16	10°46	F 17
S 18	2 15 47	2°17'07	22°29	11° 5	16°49	20°37	10° 5	12°42	0° 5	22°32	21°44	6°32	5°10	21°23	10°46	S 18
S 19	2 19 43	3°17'20	6♌ 1	12°38	17°55	20°20	10°11	12°42	0° 6	22°34	21°43	6°D32	5° 7	21°29	10°47	S 19
M20	2 23 40	4°17'35	19° 8	14°11	19° 1	20° 3	10°17	12°42	0° 7	22°35	21°42	6°32	5° 4	21°36	10°47	M20
T 21	2 27 36	5°17'51	1♍56	15°43	20° 7	19°47	10°23	12°41	0° 8	22°37	21°42	6°34	5° 1	21°43	10°47	T 21
W22	2 31 33	6°18'10	14°25	17°15	21°14	19°32	10°28	12°41	0° 9	22°39	21°41	6°36	4°58	21°49	10°48	W22
T 23	2 35 29	7°18'31	26°42	18°47	22°21	19°17	10°34	12°40	0°10	22°40	21°40	6°37	4°54	21°56	10°49	T 23
F 24	2 39 26	8°18'54	8♎48	20°18	23°28	19° 3	10°39	12°40	0°11	22°42	21°39	6°R37	4°51	22° 3	10°49	F 24
S 25	2 43 22	9°19'18	20°46	21°49	24°35	18°49	10°44	12°39	0°12	22°44	21°39	6°36	4°48	22°10	10°50	S 25
S 26	2 47 19	10°19'45	2♏40	23°20	25°43	18°37	10°48	12°38	0°13	22°46	21°38	6°34	4°45	22°16	10°51	S 26
M27	2 51 15	11°20'13	14°31	24°50	26°51	18°25	10°53	12°37	0°14	22°47	21°37	6°29	4°42	22°23	10°52	M27
T 28	2 55 12	12°20'42	26°20	26°19	27°59	18°14	10°57	12°36	0°16	22°49	21°36	6°23	4°38	22°30	10°53	T 28
W29	2 59 9	13°21'14	8♐11	27°49	29° 7	18° 3	11° 2	12°35	0°17	22°51	21°36	6°16	4°35	22°36	10°54	W29
T 30	3 3 5	14°21'47	20° 4	29°18	0♎16	17°54	11° 6	12°33	0°18	22°53	21°35	6° 8	4°32	22°43	10°55	T 30
F 31	3 7 2	15♏22'21	2♑ 1	0♐47	1♎24	17♈45	11♌10	12♋32	0♒20	22♐55	21♓34	6♎ 1	4♎29	22♏50	10♒56	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	6s 3	16s 0	4n12	4s22	1n 4	11n17	0s39	7n44	2s36	18n50	0n31	22n26	0s31	20s50	0s37	22s 7	1n11	18s25	16s39	2s42	2s25	14s15	11s15	6n35
T 2	6 26	17 29	4 46	5 7	0 58	11 2	0 32	7 40	2 32	18 48	0 32	22 26	0 31	20 50	0 37	22 7	1 10	18 25	16 39	2 41	2 24	14 16	11 15	6 34
F 3	6 49	18 13	5 8	5 52	0 52	10 46	0 26	7 36	2 29	18 46	0 32	22 26	0 30	20 50	0 37	22 7	1 10	18 25	16 39	2 41	2 23	14 18	11 16	6 34
S 4	7 12	18 9	5 17	6 36	0 46	10 30	0 20	7 32	2 26	18 44	0 32	22 26	0 30	20 50	0 37	22 7	1 10	18 26	16 39	2 40	2 21	14 19	11 16	6 33
S 5	7 35	17 13	5 11	7 20	0 39	10 13	0 15	7 27	2 22	18 42	0 32	22 25	0 30	20 50	0 37	22 7	1 10	18 26	16 38	2 40	2 20	14 20	11 17	6 33
M 6	7 57	15 27	4 51	8 3	0 33	9 56	0 9	7 23	2 19	18 40	0 32	22 25	0 30	20 50	0 37	22 8	1 10	18 26	16 38	2 40	2 19	14 21	11 17	6 33
T 7	8 20	12 52	4 15	8 46	0 26	9 39	0 3	7 19	2 15	18 38	0 32	22 25	0 30	20 49	0 37	22 8	1 10	18 26	16 38	2 41	2 18	14 22	11 18	6 32
W 8	8 42	9 32	3 25	9 28	0 20	9 21	0n 2	7 15	2 12	18 36	0 33	22 25	0 30	20 49	0 37	22 8	1 10	18 27	16 38	2 41	2 16	14 23	11 19	6 32
T 9	9 5	5 34	2 22	10 10	0 13	9 2	0 8	7 11	2 8	18 35	0 33	22 25	0 30	20 49	0 37	22 8	1 10	18 27	16 38	2 42	2 15	14 25	11 19	6 31
F 10	9 27	1 10	1 7	10 51	0 6	8 44	0 13	7 6	2 4	18 33	0 33	22 25	0 30	20 49	0 37	22 8	1 10	18 27	16 38	2 42	2 14	14 26	11 20	6 31
S 11	9 49	3n26	0s13	11 32	0s 0	8 25	0 18	7 2	2 1	18 31	0 33	22 25	0 30	20 49	0 37	22 8	1 10	18 27	16 37	2 42	2 13	14 27	11 20	6 30
S 12	10 11	7 55	1 34	12 12	0 7	8 5	0 23	6 59	1 57	18 29	0 33	22 25	0 30	20 49	0 37	22 8	1 10	18 27	16 37	2 42	2 11	14 28	11 20	6 30
M13	10 32	11 57	2 50	12 51	0 14	7 45	0 28	6 55	1 53	18 28	0 34	22 25	0 30	20 49	0 37	22 8	1 10	18 28	16 37	2 41	2 10	14 29	11 21	6 29
T 14	10 54	15 10	3 53	13 30	0 20	7 25	0 33	6 51	1 49	18 26	0 34	22 25	0 30	20 49	0 37	22 9	1 10	18 28	16 37	2 40	2 9	14 30	11 21	6 29
W15	11 15	17 20	4 40	14 8	0 27	7 4	0 38	6 48	1 45	18 25	0 34	22 25	0 30	20 49	0 37	22 9	1 10	18 28	16 36	2 39	2 7	14 31	11 22	6 28
T 16	11 37	18 17	5 7	14 45	0 34	6 43	0 42	6 44	1 42	18 23	0 34	22 25	0 30	20 48	0 37	22 9	1 10	18 28	16 36	2 38	2 6	14 32	11 22	6 28
F 17	11 58	18 1	5 15	15 21	0 40	6 22	0 47	6 41	1 38	18 22	0 34	22 25	0 30	20 48	0 37	22 9	1 10	18 28	16 36	2 37	2 5	14 34	11 22	6 28
S 18	12 19	16 40	5 3	15 57	0 47	6 1	0 51	6 38	1 34	18 20	0 35	22 25	0 30	20 48	0 37	22 9	1 10	18 28	16 36	2 36	2 4	14 35	11 23	6 27
S 19	12 39	14 24	4 34	16 32	0 53	5 39	0 55	6 35	1 30	18 19	0 35	22 25	0 30	20 48	0 37	22 9	1 10	18 29	16 36	2 36	2 2	14 36	11 23	6 27
M20	13 0	11 28	3 52	17 6	0 59	5 17	1 0	6 32	1 26	18 17	0 35	22 25	0 30	20 48	0 36	22 9	1 10	18 29	16 35	2 36	2 1	14 37	11 24	6 26
T 21	13 20	8 2	2 59	17 39	1 6	4 54	1 4	6 30	1 23	18 16	0 35	22 25	0 30	20 47	0 36	22 9	1 10	18 29	16 35	2 37	2 0	14 38	11 24	6 26
W22	13 40	4 19	1 59	18 11	1 12	4 31	1 7	6 27	1 19	18 15	0 35	22 25	0 30	20 47	0 36	22 10	1 10	18 29	16 35	2 38	1 59	14 39	11 24	6 25
T 23	14 0	0 29	0 54	18 43	1 18	4 8	1 11	6 25	1 15	18 13	0 36	22 26	0 30	20 47	0 36	22 10	1 10	18 29	16 35	2 38	1 57	14 40	11 24	6 25
F 24	14 20	3s19	0n12	19 14	1 24	3 45	1 15	6 23	1 11	18 12	0 36	22 26	0 30	20 47	0 36	22 10	1 10	18 29	16 34	2 38	1 56	14 41	11 25	6 24
S 25	14 39	6 57	1 17	19 43	1 29	3 21	1 18	6 21	1 8	18 11	0 36	22 26	0 30	20 46	0 36	22 10	1 10	18 29	16 34	2 38	1 55	14 43	11 25	6 24
S 26	14 58	10 17	2 18	20 12	1 35	2 58	1 22	6 20	1 4	18 10	0 36	22 26	0 29	20 46	0 36	22 10	1 10	18 29	16 34	2 37	1 54	14 44	11 25	6 24
M27	15 17	13 11	3 12	20 40	1 40	2 34	1 25	6 19	1 0	18 9	0 37	22 26	0 29	20 46	0 36	22 10	1 9	18 29	16 34	2 35	1 52	14 45	11 25	6 23
T 28	15 36	15 33	3 58	21 6	1 45	2 9	1 28	6 18	0 57	18 8	0 37	22 26	0 29	20 45	0 36	22 10	1 9	18 29	16 33	2 33	1 51	14 46	11 25	6 23
W29	15 54	17 14	4 34	21 32	1 50	1 45	1 31	6 17	0 53	18 7	0 37	22 26	0 29	20 45	0 36	22 10	1 9	18 29	16 33	2 30	1 50	14 47	11 26	6 22
T 30	16 12	18 12	4 58	21 56	1 55	1 20	1 34	6 17	0 50	18 6	0 37	22 27	0 29	20 45	0 36	22 11	1 9	18 29	16 33	2 27	1 49	14 48	11 26	6 22
F 31	16s30	18s21	5n 9	22s20	1s59	0n56	1n37	6n17	0s46	18n 5	0n37	22n27	0s29	20s44	0s36	22s11	1n 9	18s29	16s32	2s24	1s47	14s49	11s26	6n21

Julian Day Number = 2205652.5, Delta T = 09m43s
Ecliptic obliquity = 23°31'27, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°21'00, Lahiri = 14°28'01 Julian Calendar 1 Oct. 1326 == Greg. Calendar 9 Oct. 1326

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ASTRODIENST EPHEMERIS for the year 1326
geocentric

NOVEMBER 1326 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	3 10 58	16♏22'57	14♉ 7	2♐15	2♎33	17°R37	11♌13	12°R30	0♒21	22♐57	21°R34	5°R55	4♎26	22♏56	10♒57	S 1
S 2	3 14 55	17°23'33	26°23	3°42	3°42	17♈30	11°17	12♋28	0°23	22°59	21♓33	5♎51	4°23	23° 3	10°58	S 2
M 3	3 18 51	18°24'12	8♒53	5°10	4°51	17°23	11°20	12°27	0°24	23° 1	21°33	5°49	4°19	23°10	11° 0	M 3
T 4	3 22 48	19°24'51	21°42	6°36	6° 1	17°18	11°24	12°25	0°26	23° 3	21°32	5°D48	4°16	23°16	11° 1	T 4
W 5	3 26 44	20°25'31	4♓53	8° 2	7°10	17°13	11°27	12°23	0°28	23° 5	21°32	5°49	4°13	23°23	11° 3	W 5
T 6	3 30 41	21°26'13	18°30	9°27	8°20	17° 9	11°29	12°21	0°29	23° 7	21°31	5°51	4°10	23°30	11° 4	T 6
F 7	3 34 38	22°26'55	2♈34	10°52	9°29	17° 6	11°32	12°18	0°31	23° 9	21°31	5°R51	4° 7	23°36	11° 6	F 7
S 8	3 38 34	23°27'39	17° 6	12°15	10°39	17° 4	11°35	12°16	0°33	23°11	21°30	5°51	4° 4	23°43	11° 7	S 8
S 9	3 42 31	24°28'24	2♉ 1	13°38	11°50	17° 2	11°37	12°14	0°35	23°13	21°30	5°48	4° 0	23°50	11° 9	S 9
M10	3 46 27	25°29'10	17°14	14°59	13° 0	17°D 2	11°39	12°11	0°37	23°15	21°29	5°44	3°57	23°57	11°11	M10
T 11	3 50 24	26°29'57	2♊34	16°19	14°10	17° 2	11°41	12° 9	0°39	23°17	21°29	5°37	3°54	24° 3	11°13	T 11
W12	3 54 20	27°30'46	17°50	17°37	15°21	17° 3	11°42	12° 6	0°40	23°19	21°28	5°29	3°51	24°10	11°15	W12
T 13	3 58 17	28°31'36	2♋51	18°54	16°31	17° 5	11°44	12° 3	0°43	23°21	21°28	5°20	3°48	24°17	11°16	T 13
F 14	4 2 13	29°32'28	17°30	20° 8	17°42	17° 7	11°45	12° 0	0°45	23°23	21°28	5°13	3°44	24°23	11°18	F 14
S 15	4 6 10	0♐33'20	1♌40	21°20	18°53	17°10	11°46	11°57	0°47	23°25	21°27	5° 7	3°41	24°30	11°21	S 15
S 16	4 10 7	1°34'14	15°20	22°29	20° 4	17°14	11°47	11°54	0°49	23°27	21°27	5° 4	3°38	24°37	11°23	S 16
M17	4 14 3	2°35'10	28°31	23°36	21°15	17°19	11°48	11°51	0°51	23°29	21°27	5°D 2	3°35	24°43	11°25	M17
T 18	4 18 0	3°36'06	11♍17	24°38	22°27	17°25	11°49	11°48	0°53	23°32	21°27	5° 2	3°32	24°50	11°27	T 18
W19	4 21 56	4°37'04	23°42	25°36	23°38	17°31	11°49	11°44	0°55	23°34	21°26	5° 3	3°29	24°57	11°29	W19
T 20	4 25 53	5°38'04	5♎51	26°30	24°50	17°38	11°R49	11°41	0°58	23°36	21°26	5°R 4	3°25	25° 3	11°32	T 20
F 21	4 29 49	6°39'04	17°50	27°18	26° 1	17°45	11°49	11°37	1° 0	23°38	21°26	5° 3	3°22	25°10	11°34	F 21
S 22	4 33 46	7°40'06	29°42	28° 0	27°13	17°54	11°49	11°34	1° 3	23°40	21°26	4°59	3°19	25°17	11°36	S 22
S 23	4 37 42	8°41'08	11♏31	28°35	28°25	18° 3	11°48	11°30	1° 5	23°42	21°26	4°53	3°16	25°24	11°39	S 23
M24	4 41 39	9°42'12	23°20	29° 2	29°37	18°12	11°48	11°26	1° 7	23°45	21°26	4°45	3°13	25°30	11°42	M24
T 25	4 45 36	10°43'16	5♐11	29°20	0♏49	18°23	11°47	11°22	1°10	23°47	21°25	4°33	3°10	25°37	11°44	T 25
W26	4 49 32	11°44'22	17° 6	29°R29	2° 1	18°34	11°46	11°18	1°12	23°49	21°25	4°20	3° 6	25°44	11°47	W26
T 27	4 53 29	12°45'28	29° 6	29°27	3°13	18°45	11°45	11°14	1°15	23°51	21°25	4° 7	3° 3	25°50	11°49	T 27
F 28	4 57 25	13°46'34	11♑12	29°14	4°25	18°57	11°43	11°10	1°18	23°54	21°D25	3°53	3° 0	25°57	11°52	F 28
S 29	5 1 22	14°47'42	23°25	28°50	5°38	19°10	11°42	11° 6	1°20	23°56	21°25	3°42	2°57	26° 4	11°55	S 29
S 30	5 5 18	15♐48'49	5♒48	28♐14	6♏50	19♈24	11♌40	11♋ 2	1♒23	23♐58	21♓25	3♎33	2♎54	26♏10	11♒58	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	16s48	17s41	5n 7	22s42	2s 4	0n31	1n40	6n17	0s43	18n 4	0n38	22n27	0s29	20s44	0s36	22s11	1n 9	18s29	16s32	2s22	1s46	14s50	11s26	6n21
S 2	17 5	16 12	4 50	23 3	2 8	0 5	1 43	6 17	0 39	18 4	0 38	22 27	0 29	20 44	0 36	22 11	1 9	18 29	16 32	2 20	1 45	14 51	11 26	6 20
M 3	17 22	13 55	4 20	23 23	2 11	0s20	1 45	6 18	0 36	18 3	0 38	22 27	0 29	20 43	0 36	22 11	1 9	18 29	16 32	2 19	1 43	14 52	11 26	6 20
T 4	17 39	10 55	3 36	23 42	2 15	0 45	1 47	6 19	0 33	18 2	0 38	22 28	0 29	20 43	0 36	22 11	1 9	18 29	16 31	2 19	1 42	14 54	11 26	6 20
W 5	17 55	7 16	2 40	23 59	2 18	1 11	1 50	6 20	0 30	18 2	0 39	22 28	0 29	20 43	0 36	22 11	1 9	18 29	16 31	2 19	1 41	14 55	11 26	6 19
T 6	18 11	3 9	1 33	24 15	2 20	1 36	1 52	6 21	0 26	18 1	0 39	22 28	0 29	20 42	0 36	22 12	1 9	18 29	16 31	2 20	1 40	14 56	11 26	6 19
F 7	18 27	1n18	0 18	24 30	2 23	2 2	1 54	6 23	0 23	18 0	0 39	22 28	0 29	20 42	0 36	22 12	1 9	18 29	16 30	2 20	1 38	14 57	11 26	6 18
S 8	18 42	5 49	1s 0	24 44	2 24	2 28	1 56	6 25	0 20	18 0	0 39	22 29	0 29	20 41	0 36	22 12	1 9	18 29	16 30	2 20	1 37	14 58	11 26	6 18
S 9	18 57	10 5	2 16	24 56	2 26	2 53	1 57	6 27	0 17	18 0	0 39	22 29	0 29	20 41	0 36	22 12	1 9	18 29	16 30	2 19	1 36	14 59	11 26	6 17
M10	19 12	13 46	3 24	25 6	2 27	3 19	1 59	6 30	0 14	17 59	0 40	22 29	0 29	20 41	0 36	22 12	1 9	18 29	16 29	2 17	1 35	15 0	11 26	6 17
T 11	19 26	16 32	4 17	25 15	2 27	3 45	2 1	6 32	0 12	17 59	0 40	22 30	0 29	20 40	0 36	22 12	1 9	18 28	16 29	2 14	1 33	15 1	11 26	6 17
W12	19 40	18 7	4 52	25 23	2 27	4 11	2 2	6 35	0 9	17 59	0 40	22 30	0 28	20 40	0 36	22 12	1 9	18 28	16 29	2 11	1 32	15 2	11 26	6 16
T 13	19 54	18 24	5 6	25 29	2 26	4 37	2 3	6 38	0 6	17 58	0 40	22 30	0 28	20 39	0 36	22 12	1 9	18 28	16 28	2 8	1 31	15 3	11 26	6 16
F 14	20 7	17 26	4 59	25 34	2 25	5 3	2 5	6 42	0 3	17 58	0 41	22 31	0 28	20 39	0 36	22 13	1 9	18 28	16 28	2 5	1 30	15 4	11 26	6 15
S 15	20 20	15 24	4 34	25 37	2 23	5 29	2 6	6 46	0 1	17 58	0 41	22 31	0 28	20 38	0 36	22 13	1 9	18 28	16 28	2 2	1 28	15 5	11 25	6 15
S 16	20 33	12 34	3 54	25 38	2 20	5 55	2 7	6 49	0n 2	17 58	0 41	22 31	0 28	20 38	0 36	22 13	1 9	18 28	16 27	2 1	1 27	15 6	11 25	6 15
M17	20 45	9 10	3 3	25 38	2 16	6 21	2 7	6 54	0 4	17 58	0 41	22 32	0 28	20 37	0 36	22 13	1 9	18 27	16 27	2 0	1 26	15 7	11 25	6 14
T 18	20 57	5 27	2 4	25 36	2 11	6 47	2 8	6 58	0 7	17 58	0 41	22 32	0 28	20 37	0 36	22 13	1 9	18 27	16 27	2 1	1 24	15 8	11 25	6 14
W19	21 8	1 35	1 1	25 33	2 6	7 13	2 9	7 3	0 9	17 58	0 42	22 32	0 28	20 36	0 36	22 13	1 9	18 27	16 26	2 1	1 23	15 10	11 25	6 13
T 20	21 19	2s16	0n 4	25 28	1 59	7 38	2 9	7 7	0 12	17 59	0 42	22 33	0 28	20 36	0 36	22 13	1 9	18 27	16 26	2 1	1 22	15 11	11 24	6 13
F 21	21 30	5 59	1 8	25 21	1 51	8 4	2 10	7 12	0 14	17 59	0 42	22 33	0 28	20 35	0 36	22 13	1 9	18 26	16 26	2 1	1 21	15 12	11 24	6 13
S 22	21 40	9 25	2 8	25 13	1 42	8 30	2 10	7 18	0 16	17 59	0 42	22 33	0 28	20 35	0 36	22 14	1 9	18 26	16 25	1 59	1 19	15 13	11 24	6 12
S 23	21 50	12 28	3 2	25 3	1 32	8 55	2 10	7 23	0 18	17 59	0 43	22 34	0 28	20 34	0 36	22 14	1 9	18 26	16 25	1 57	1 18	15 14	11 24	6 12
M24	21 59	15 0	3 47	24 52	1 21	9 20	2 11	7 29	0 21	18 0	0 43	22 34	0 28	20 34	0 36	22 14	1 9	18 26	16 25	1 53	1 17	15 15	11 23	6 11
T 25	22 8	16 55	4 24	24 39	1 8	9 46	2 11	7 35	0 23	18 0	0 43	22 35	0 28	20 33	0 36	22 14	1 9	18 25	16 24	1 49	1 16	15 16	11 23	6 11
W26	22 16	18 7	4 48	24 25	0 54	10 11	2 10	7 41	0 25	18 1	0 43	22 35	0 27	20 32	0 36	22 14	1 9	18 25	16 24	1 44	1 14	15 17	11 23	6 11
T 27	22 24	18 31	5 0	24 9	0 38	10 35	2 10	7 47	0 27	18 1	0 44	22 36	0 27	20 32	0 36	22 14	1 9	18 25	16 24	1 38	1 13	15 18	11 22	6 10
F 28	22 32	18 5	4 59	23 53	0 21	11 0	2 10	7 53	0 29	18 2	0 44	22 36	0 27	20 31	0 36	22 14	1 9	18 24	16 23	1 33	1 12	15 19	11 22	6 10
S 29	22 39	16 49	4 44	23 34	0 3	11 24	2 10	8 0	0 30	18 3	0 44	22 36	0 27	20 31	0 36	22 14	1 9	18 24	16 23	1 28	1 11	15 20	11 21	6 10
S 30	22s46	14s45	4n16	23s15	0n16	11s49	2n 9	8n 7	0n32	18n 3	0n44	22n37	0s27	20s30	0s36	22s15	1n 9	18s24	16s22	1s25	1s 9	15s21	11s21	6n 9

Julian Day Number = 2205683.5, Delta T = 09m43s
Ecliptic obliquity = 23°31'27, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°21'05, Lahiri = 14°28'05 Julian Calendar 1 Nov. 1326 == Greg. Calendar 9 Nov. 1326

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ASTRODIENST EPHEMERIS for the year 1326
geocentric

DECEMBER 1326 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	5 9 15	16♐49'57	18♒22	27°R27	8♏ 3	19♈37	11°R38	10°R58	1♒26	24♐ 0	21♓25	3°R27	2♎50	26♏17	12♒ 1	M 1
T 2	5 13 12	17°51'06	1♓10	26♐29	9°15	19°52	11♎35	10♋54	1°28	24° 3	21°26	3♎23	2°47	26°24	12° 4	T 2
W 3	5 17 8	18°52'14	14°16	25°22	10°28	20° 7	11°33	10°49	1°31	24° 5	21°26	3°D22	2°44	26°31	12° 7	W 3
T 4	5 21 5	19°53'23	27°43	24° 7	11°41	20°23	11°30	10°45	1°34	24° 7	21°26	3°R22	2°41	26°37	12°10	T 4
F 5	5 25 1	20°54'31	11♈33	22°47	12°53	20°39	11°28	10°40	1°37	24° 9	21°26	3°22	2°38	26°44	12°13	F 5
S 6	5 28 58	21°55'40	25°47	21°25	14° 6	20°55	11°25	10°36	1°40	24°12	21°26	3°20	2°35	26°51	12°16	S 6
S 7	5 32 54	22°56'49	10♉25	20° 3	15°19	21°13	11°22	10°31	1°43	24°14	21°26	3°16	2°31	26°57	12°19	S 7
M 8	5 36 51	23°57'58	25°23	18°44	16°32	21°30	11°18	10°27	1°45	24°16	21°27	3°10	2°28	27° 4	12°22	M 8
T 9	5 40 47	24°59'08	10♊33	17°30	17°45	21°48	11°15	10°22	1°48	24°18	21°27	3° 0	2°25	27°11	12°26	T 9
W10	5 44 44	26° 0'17	25°45	16°24	18°58	22° 7	11°11	10°17	1°51	24°21	21°27	2°49	2°22	27°17	12°29	W10
T 11	5 48 41	27° 1'27	10♋49	15°26	20°11	22°26	11° 7	10°12	1°54	24°23	21°27	2°37	2°19	27°24	12°32	T 11
F 12	5 52 37	28° 2'37	25°34	14°39	21°25	22°45	11° 3	10° 8	1°57	24°25	21°28	2°26	2°16	27°31	12°36	F 12
S 13	5 56 34	29° 3'47	9♌52	14° 2	22°38	23° 5	10°59	10° 3	2° 0	24°28	21°28	2°17	2°12	27°38	12°39	S 13
S 14	6 0 30	0♍ 4'57	23°41	13°35	23°51	23°25	10°54	9°58	2° 4	24°30	21°28	2°10	2° 9	27°44	12°43	S 14
M15	6 4 27	1° 6'08	7♍ 0	13°19	25° 4	23°46	10°50	9°53	2° 7	24°32	21°29	2° 6	2° 6	27°51	12°46	M15
T 16	6 8 23	2° 7'19	19°52	13°D12	26°18	24° 7	10°45	9°48	2°10	24°34	21°29	2° 5	2° 3	27°58	12°50	T 16
W17	6 12 20	3° 8'30	2♎20	13°15	27°31	24°29	10°40	9°43	2°13	24°37	21°30	2° 5	2° 0	28° 4	12°53	W17
T 18	6 16 16	4° 9'42	14°31	13°26	28°45	24°50	10°35	9°39	2°16	24°39	21°30	2° 5	1°56	28°11	12°57	T 18
F 19	6 20 13	5°10'53	26°28	13°45	29°58	25°13	10°30	9°34	2°19	24°41	21°31	2° 3	1°53	28°18	13° 1	F 19
S 20	6 24 10	6°12'05	8♏19	14°11	1♐12	25°35	10°24	9°29	2°23	24°43	21°31	2° 0	1°50	28°24	13° 4	S 20
S 21	6 28 6	7°13'17	20° 7	14°44	2°26	25°58	10°19	9°24	2°26	24°46	21°32	1°53	1°47	28°31	13° 8	S 21
M22	6 32 3	8°14'29	1♐57	15°23	3°39	26°21	10°13	9°19	2°29	24°48	21°32	1°44	1°44	28°38	13°12	M22
T 23	6 35 59	9°15'40	13°51	16° 6	4°53	26°45	10° 7	9°14	2°32	24°50	21°33	1°32	1°41	28°45	13°16	T 23
W24	6 39 56	10°16'52	25°53	16°55	6° 7	27° 9	10° 1	9° 9	2°36	24°52	21°33	1°18	1°37	28°51	13°19	W24
T 25	6 43 52	11°18'03	8♑ 2	17°47	7°20	27°33	9°55	9° 4	2°39	24°54	21°34	1° 3	1°34	28°58	13°23	T 25
F 26	6 47 49	12°19'14	20°21	18°43	8°34	27°57	9°49	8°59	2°42	24°57	21°35	0°49	1°31	29° 5	13°27	F 26
S 27	6 51 45	13°20'24	2♒49	19°43	9°48	28°22	9°42	8°54	2°46	24°59	21°35	0°36	1°28	29°11	13°31	S 27
S 28	6 55 42	14°21'34	15°27	20°45	11° 2	28°47	9°36	8°49	2°49	25° 1	21°36	0°26	1°25	29°18	13°35	S 28
M29	6 59 39	15°22'44	28°15	21°51	12°16	29°13	9°29	8°44	2°52	25° 3	21°37	0°19	1°22	29°25	13°39	M29
T 30	7 3 35	16°23'52	11♓14	22°58	13°30	29°39	9°22	8°39	2°56	25° 5	21°38	0°15	1°18	29°31	13°43	T 30
W31	7 7 32	17♑25'00	24♓27	24♐ 8	14♐44	0♉ 5	9♌15	8♋34	2♒59	25♐ 7	21♓38	0°D14	1♎15	29♏38	13♒47	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	22s52	11s58	3n35	22s54	0n36	12s13	2n 9	8n14	0n34	18n 4	0n45	22n37	0s27	20s29	0s36	22s15	1n 9	18s23	16s22	1s22	1s 8	15s22	11s20	6n 9
T 2	22 58	8 35	2 42	22 33	0 56	12 36	2 8	8 21	0 36	18 5	0 45	22 38	0 27	20 29	0 36	22 15	1 9	18 23	16 22	1 21	1 7	15 23	11 20	6 9
W 3	23 3	4 41	1 39	22 11	1 16	13 0	2 7	8 28	0 37	18 6	0 45	22 38	0 27	20 28	0 36	22 15	1 9	18 23	16 21	1 21	1 5	15 24	11 19	6 8
T 4	23 8	0 27	0 30	21 48	1 35	13 23	2 6	8 36	0 39	18 7	0 45	22 39	0 27	20 28	0 36	22 15	1 9	18 22	16 21	1 21	1 4	15 25	11 19	6 8
F 5	23 13	3n55	0s43	21 26	1 54	13 46	2 5	8 43	0 41	18 8	0 45	22 39	0 27	20 27	0 36	22 15	1 9	18 22	16 21	1 21	1 3	15 26	11 18	6 8
S 6	23 17	8 12	1 56	21 4	2 11	14 9	2 4	8 51	0 42	18 9	0 46	22 39	0 27	20 26	0 35	22 15	1 9	18 22	16 20	1 20	1 2	15 27	11 18	6 7
S 7	23 20	12 7	3 2	20 43	2 26	14 31	2 3	8 59	0 44	18 10	0 46	22 40	0 27	20 26	0 35	22 15	1 9	18 21	16 20	1 18	1 0	15 28	11 17	6 7
M 8	23 23	15 19	3 58	20 24	2 39	14 53	2 2	9 7	0 45	18 11	0 46	22 40	0 26	20 25	0 35	22 15	1 9	18 21	16 20	1 16	0 59	15 29	11 17	6 7
T 9	23 26	17 31	4 38	20 7	2 49	15 15	2 1	9 15	0 47	18 12	0 46	22 41	0 26	20 24	0 35	22 16	1 9	18 20	16 19	1 12	0 58	15 30	11 16	6 6
W10	23 28	18 29	4 58	19 53	2 58	15 36	2 0	9 23	0 48	18 14	0 47	22 41	0 26	20 24	0 35	22 16	1 9	18 20	16 19	1 7	0 57	15 31	11 16	6 6
T 11	23 29	18 9	4 57	19 41	3 3	15 57	1 58	9 32	0 50	18 15	0 47	22 42	0 26	20 23	0 35	22 16	1 9	18 19	16 19	1 3	0 55	15 32	11 15	6 6
F 12	23 31	16 34	4 37	19 33	3 7	16 18	1 57	9 40	0 51	18 16	0 47	22 42	0 26	20 22	0 35	22 16	1 9	18 19	16 18	0 58	0 54	15 33	11 14	6 5
S 13	23 31	14 0	3 59	19 27	3 8	16 38	1 55	9 49	0 52	18 18	0 47	22 43	0 26	20 21	0 35	22 16	1 9	18 19	16 18	0 54	0 53	15 34	11 14	6 5
S 14	23 31	10 43	3 8	19 24	3 8	16 58	1 53	9 57	0 53	18 19	0 48	22 43	0 26	20 21	0 35	22 16	1 9	18 18	16 18	0 52	0 52	15 35	11 13	6 5
M15	23 31	6 59	2 8	19 25	3 5	17 18	1 52	10 6	0 55	18 21	0 48	22 44	0 26	20 20	0 35	22 16	1 9	18 18	16 17	0 50	0 50	15 36	11 12	6 5
T 16	23 30	3 3	1 4	19 27	3 2	17 37	1 50	10 15	0 56	18 22	0 48	22 44	0 26	20 19	0 35	22 16	1 9	18 17	16 17	0 50	0 49	15 37	11 12	6 4
W17	23 29	0s55	0n 1	19 32	2 57	17 55	1 48	10 24	0 57	18 24	0 48	22 45	0 26	20 19	0 35	22 16	1 9	18 17	16 17	0 50	0 48	15 38	11 11	6 4
T 18	23 27	4 44	1 5	19 40	2 51	18 13	1 46	10 33	0 58	18 25	0 48	22 45	0 25	20 18	0 35	22 16	1 9	18 16	16 16	0 50	0 46	15 39	11 10	6 4
F 19	23 25	8 18	2 5	19 48	2 45	18 31	1 44	10 42	0 59	18 27	0 49	22 45	0 25	20 17	0 35	22 17	1 9	18 16	16 16	0 49	0 45	15 40	11 9	6 3
S 20	23 23	11 30	2 59	19 59	2 37	18 48	1 42	10 52	1 0	18 29	0 49	22 46	0 25	20 16	0 35	22 17	1 9	18 15	16 15	0 48	0 44	15 41	11 9	6 3
S 21	23 20	14 13	3 45	20 10	2 30	19 5	1 40	11 1	1 1	18 30	0 49	22 46	0 25	20 16	0 35	22 17	1 9	18 15	16 15	0 45	0 43	15 42	11 8	6 3
M22	23 16	16 22	4 21	20 23	2 21	19 21	1 38	11 10	1 2	18 32	0 49	22 47	0 25	20 15	0 35	22 17	1 9	18 14	16 15	0 41	0 41	15 43	11 7	6 3
T 23	23 12	17 49	4 46	20 36	2 13	19 37	1 36	11 20	1 3	18 34	0 49	22 47	0 25	20 14	0 35	22 17	1 9	18 14	16 14	0 37	0 40	15 44	11 6	6 2
W24	23 7	18 29	4 58	20 49	2 4	19 52	1 34	11 30	1 4	18 36	0 50	22 48	0 25	20 13	0 35	22 17	1 9	18 13	16 14	0 31	0 39	15 45	11 5	6 2
T 25	23 2	18 20	4 58	21 3	1 55	20 7	1 31	11 39	1 5	18 38	0 50	22 48	0 25	20 13	0 35	22 17	1 9	18 12	16 14	0 25	0 38	15 46	11 4	6 2
F 26	22 57	17 19	4 43	21 17	1 46	20 21	1 29	11 49	1 6	18 40	0 50	22 49	0 25	20 12	0 35	22 17	1 9	18 12	16 13	0 19	0 36	15 47	11 4	6 2
S 27	22 51	15 28	4 15	21 31	1 37	20 34	1 26	11 59	1 7	18 41	0 50	22 49	0 24	20 11	0 35	22 17	1 9	18 11	16 13	0 14	0 35	15 48	11 3	6 2
S 28	22 45	12 52	3 33	21 45	1 27	20 47	1 24	12 8	1 8	18 43	0 50	22 49	0 24	20 10	0 35	22 17	1 9	18 11	16 13	0 10	0 34	15 49	11 2	6 1
M29	22 38	9 37	2 41	21 58	1 18	21 0	1 22	12 18	1 9	18 45	0 51	22 50	0 24	20 10	0 35	22 17	1 9	18 10	16 13	0 8	0 33	15 50	11 1	6 1
T 30	22 31	5 51	1 39	22 11	1 9	21 12	1 19	12 28	1 10	18 47	0 51	22 50	0 24	20 9	0 35	22 17	1 9	18 10	16 12	0 6	0 31	15 51	11 0	6 1
W31	22s23	1s45	0n31	22s24	1n 0	21s23	1n16	12n38	1n10	18n49	0n51	22n51	0s24	20s 8	0s35	22s18	1n 9	18s 9	16s12	0s 6	0s30	15s52	10s59	6n 1

Julian Day Number = 2205713.5, Delta T = 09m43s
Ecliptic obliquity = 23°31'26, Nutation = 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°21'09, Lahiri = 14°28'09 Julian Calendar 1 Dec. 1326 == Greg. Calendar 9 Dec. 1326

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ASTRODIENST EPHEMERIS for the year 1327
geocentric

JANUARY 1327 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	7 11 28	18♉26'06	7♈54	25♐20	15♐58	0♉31	9°R 8	8°R29	3♒ 3	25♐10	21♓39	0♎14	1♎12	29♏45	13♒51	T 1
F 2	7 15 25	19°27'12	21°37	26°34	17°11	0°57	9♌ 1	8♋25	3° 6	25°12	21°40	0°R14	1° 9	29°52	13°55	F 2
S 3	7 19 21	20°28'17	5♉39	27°49	18°25	1°24	8°54	8°20	3° 9	25°14	21°41	0°13	1° 6	29°58	13°59	S 3
S 4	7 23 18	21°29'21	19°58	29° 6	19°39	1°51	8°47	8°15	3°13	25°16	21°41	0°10	1° 2	0♐ 5	14° 3	S 4
M 5	7 27 14	22°30'24	4♊33	0♉24	20°53	2°18	8°39	8°10	3°16	25°18	21°42	0° 4	0°59	0°12	14° 7	M 5
T 6	7 31 11	23°31'26	19°18	1°43	22° 8	2°46	8°32	8° 6	3°20	25°20	21°43	29♏56	0°56	0°18	14°11	T 6
W 7	7 35 8	24°32'26	4♋ 8	3° 4	23°22	3°14	8°25	8° 1	3°23	25°22	21°44	29°46	0°53	0°25	14°16	W 7
T 8	7 39 4	25°33'26	18°54	4°26	24°36	3°41	8°17	7°56	3°27	25°24	21°45	29°36	0°50	0°32	14°20	T 8
F 9	7 43 1	26°34'25	3♌26	5°49	25°50	4°10	8° 9	7°52	3°30	25°26	21°46	29°26	0°47	0°38	14°24	F 9
S 10	7 46 57	27°35'23	17°39	7°12	27° 4	4°38	8° 2	7°47	3°34	25°28	21°47	29°18	0°43	0°45	14°28	S 10
S 11	7 50 54	28°36'20	1♍28	8°37	28°18	5° 6	7°54	7°43	3°37	25°30	21°48	29°12	0°40	0°52	14°32	S 11
M12	7 54 50	29°37'17	14°50	10° 3	29°32	5°35	7°46	7°38	3°41	25°32	21°49	29° 8	0°37	0°59	14°37	M12
T 13	7 58 47	0♒38'12	27°46	11°30	0♉46	6° 4	7°38	7°34	3°44	25°34	21°50	29°D 7	0°34	1° 5	14°41	T 13
W14	8 2 43	1°39'07	10♎20	12°57	2° 0	6°33	7°30	7°30	3°48	25°36	21°51	29° 8	0°31	1°12	14°45	W14
T 15	8 6 40	2°40'01	22°35	14°25	3°15	7° 2	7°22	7°25	3°51	25°38	21°52	29° 9	0°28	1°19	14°49	T 15
F 16	8 10 37	3°40'53	4♏36	15°54	4°29	7°32	7°14	7°21	3°55	25°40	21°53	29°R 9	0°24	1°25	14°54	F 16
S 17	8 14 33	4°41'46	16°29	17°24	5°43	8° 2	7° 6	7°17	3°58	25°42	21°54	29° 8	0°21	1°32	14°58	S 17
S 18	8 18 30	5°42'37	28°19	18°55	6°57	8°31	6°58	7°13	4° 2	25°44	21°55	29° 5	0°18	1°39	15° 2	S 18
M19	8 22 26	6°43'27	10♐10	20°27	8°12	9° 1	6°50	7° 9	4° 5	25°45	21°56	29° 0	0°15	1°46	15° 6	M19
T 20	8 26 23	7°44'16	22° 8	21°59	9°26	9°31	6°43	7° 5	4° 9	25°47	21°57	28°53	0°12	1°52	15°11	T 20
W21	8 30 19	8°45'04	4♑15	23°32	10°40	10° 2	6°35	7° 1	4°12	25°49	21°59	28°44	0° 8	1°59	15°15	W21
T 22	8 34 16	9°45'51	16°33	25° 6	11°54	10°32	6°27	6°58	4°16	25°51	22° 0	28°34	0° 5	2° 6	15°19	T 22
F 23	8 38 12	10°46'37	29° 4	26°41	13° 9	11° 3	6°19	6°54	4°19	25°53	22° 1	28°25	0° 2	2°12	15°24	F 23
S 24	8 42 9	11°47'21	11♒49	28°16	14°23	11°34	6°11	6°50	4°23	25°54	22° 2	28°17	29♏59	2°19	15°28	S 24
S 25	8 46 6	12°48'04	24°47	29°53	15°37	12° 4	6° 3	6°47	4°26	25°56	22° 3	28°10	29°56	2°26	15°32	S 25
M26	8 50 2	13°48'46	7♓57	1♒30	16°52	12°36	5°55	6°43	4°29	25°58	22° 4	28° 6	29°53	2°32	15°37	M26
T 27	8 53 59	14°49'26	21°18	3° 8	18° 6	13° 7	5°47	6°40	4°33	25°59	22° 6	28° 4	29°49	2°39	15°41	T 27
W28	8 57 55	15°50'04	4♈50	4°47	19°20	13°38	5°39	6°37	4°36	26° 1	22° 7	28°D 4	29°46	2°46	15°45	W28
T 29	9 1 52	16°50'40	18°32	6°26	20°34	14° 9	5°32	6°33	4°40	26° 3	22° 8	28° 5	29°43	2°53	15°50	T 29
F 30	9 5 48	17°51'15	2♉24	8° 7	21°49	14°41	5°24	6°30	4°43	26° 4	22° 9	28° 7	29°40	2°59	15°54	F 30
S 31	9 9 45	18♒51'48	16♉25	9♒48	23♑ 3	15♉13	5♌16	6♋27	4♒47	26♐ 6	22♓11	28°R 7	29♏37	3♐ 6	15♒58	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	22s15	2n31	0s41	22s36	0n51	21s33	1n14	12n48	1n11	18n51	0n51	22n51	0s24	20s 7	0s35	22s18	1n 9	18s 8	16s12	0s 6	0s29	15s52	10s58	6n 1	
F 2	22 6	6 44	1 51	22 47	0 42	21 43	1 11	12 58	1 12	18 53	0 51	22 52	0 24	20 6	0 35	22 18	1 9	18 8	16 11	0 6	0 27	15 53	10 57	6 0	
S 3	21 57	10 41	2 56	22 57	0 33	21 53	1 9	13 8	1 13	18 56	0 52	22 52	0 24	20 6	0 35	22 18	1 9	18 7	16 11	0 5	0 26	15 54	10 56	6 0	
S 4	21 48	14 4	3 52	23 7	0 24	22 1	1 6	13 18	1 13	18 58	0 52	22 52	0 24	20 5	0 35	22 18	1 9	18 7	16 11	0 4	0 25	15 55	10 55	6 0	
M 5	21 38	16 38	4 34	23 16	0 16	22 10	1 3	13 28	1 14	19 0	0 52	22 53	0 23	20 4	0 35	22 18	1 9	18 6	16 10	0 2	0 24	15 56	10 54	6 0	
T 6	21 28	18 9	4 58	23 23	0 7	22 17	1 0	13 38	1 15	19 2	0 52	22 53	0 23	20 3	0 35	22 18	1 9	18 5	16 10	0n 1	0 22	15 57	10 53	6 0	
W 7	21 17	18 26	5 2	23 30	0s 1	22 24	0 58	13 49	1 15	19 4	0 52	22 54	0 23	20 2	0 35	22 18	1 9	18 5	16 10	0 5	0 21	15 58	10 52	6 0	
T 8	21 6	17 28	4 46	23 36	0 9	22 30	0 55	13 59	1 16	19 6	0 52	22 54	0 23	20 2	0 35	22 18	1 9	18 4	16 9	0 10	0 20	15 59	10 51	5 59	
F 9	20 55	15 22	4 12	23 40	0 16	22 35	0 52	14 9	1 16	19 8	0 53	22 55	0 23	20 1	0 35	22 18	1 9	18 4	16 9	0 14	0 19	16 0	10 50	5 59	
S 10	20 43	12 23	3 22	23 44	0 24	22 40	0 49	14 19	1 17	19 10	0 53	22 55	0 23	20 0	0 35	22 18	1 9	18 3	16 9	0 17	0 17	16 1	10 49	5 59	
S 11	20 31	8 47	2 22	23 46	0 31	22 44	0 46	14 29	1 18	19 13	0 53	22 55	0 23	19 59	0 35	22 18	1 9	18 2	16 9	0 19	0 16	16 2	10 48	5 59	
M12	20 18	4 50	1 16	23 47	0 39	22 48	0 43	14 39	1 18	19 15	0 53	22 56	0 23	19 58	0 35	22 18	1 9	18 2	16 8	0 21	0 15	16 3	10 47	5 59	
T 13	20 5	0 47	0 7	23 47	0 46	22 51	0 41	14 50	1 19	19 17	0 53	22 56	0 22	19 57	0 35	22 18	1 9	18 1	16 8	0 21	0 14	16 4	10 46	5 59	
W14	19 52	3s11	1n 0	23 45	0 52	22 53	0 38	15 0	1 19	19 19	0 53	22 56	0 22	19 57	0 35	22 18	1 9	18 0	16 8	0 21	0 12	16 5	10 45	5 59	
T 15	19 38	6 55	2 2	23 43	0 59	22 54	0 35	15 10	1 20	19 21	0 53	22 57	0 22	19 56	0 35	22 18	1 9	18 0	16 8	0 20	0 11	16 5	10 44	5 58	
F 16	19 24	10 18	2 58	23 39	1 5	22 55	0 32	15 20	1 20	19 23	0 54	22 57	0 22	19 55	0 35	22 18	1 9	17 59	16 7	0 20	0 10	16 6	10 43	5 58	
S 17	19 9	13 13	3 46	23 34	1 11	22 55	0 29	15 30	1 21	19 26	0 54	22 58	0 22	19 54	0 35	22 19	1 9	17 58	16 7	0 21	0 8	16 7	10 41	5 58	
S 18	18 55	15 34	4 24	23 27	1 17	22 54	0 26	15 40	1 21	19 28	0 54	22 58	0 22	19 53	0 35	22 19	1 9	17 58	16 7	0 22	0 7	16 8	10 40	5 58	
M19	18 39	17 16	4 50	23 19	1 22	22 53	0 23	15 51	1 22	19 30	0 54	22 58	0 22	19 52	0 35	22 19	1 9	17 57	16 7	0 24	0 6	16 9	10 39	5 58	
T 20	18 24	18 14	5 4	23 9	1 27	22 51	0 20	16 1	1 22	19 32	0 54	22 59	0 22	19 52	0 35	22 19	1 9	17 56	16 6	0 27	0 5	16 10	10 38	5 58	
W21	18 8	18 22	5 5	22 59	1 32	22 48	0 18	16 11	1 22	19 34	0 54	22 59	0 21	19 51	0 35	22 19	1 9	17 56	16 6	0 30	0 3	16 11	10 37	5 58	
T 22	17 52	17 40	4 52	22 46	1 37	22 45	0 15	16 21	1 23	19 36	0 54	22 59	0 21	19 50	0 35	22 19	1 9	17 55	16 6	0 34	0 2	16 12	10 36	5 58	
F 23	17 36	16 6	4 24	22 33	1 41	22 41	0 12	16 31	1 23	19 38	0 54	23 0	0 21	19 49	0 35	22 19	1 9	17 54	16 6	0 38	0 1	16 13	10 34	5 58	
S 24	17 19	13 44	3 43	22 18	1 45	22 36	0 9	16 41	1 24	19 40	0 54	23 0	0 21	19 48	0 35	22 19	1 9	17 54	16 5	0 41	0n 0	16 14	10 33	5 58	
S 25	17 2	10 38	2 50	22 1	1 49	22 30	0 6	16 51	1 24	19 42	0 55	23 0	0 21	19 48	0 35	22 19	1 9	17 53	16 5	0 44	0 2	16 14	10 32	5 58	
M26	16 44	6 58	1 47	21 43	1 52	22 24	0 3	17 1	1 24	19 45	0 55	23 0	0 21	19 47	0 35	22 19	1 9	17 52	16 5	0 45	0 3	16 15	10 31	5 58	
T 27	16 27	2 54	0 37	21 23	1 55	22 17	0 0	17 10	1 25	19 47	0 55	23 1	0 21	19 46	0 35	22 19	1 9	17 52	16 5	0 46	0 4	16 16	10 30	5 58	
W28	16 9	1n22	0s37	21 2	1 58	22 10	0s 2	17 20	1 25	19 49	0 55	23 1	0 20	19 45	0 35	22 19	1 9	17 51	16 5	0 46	0 6	16 17	10 28	5 58	
T 29	15 51	5 37	1 49	20 40	2 0	22 2	0 5	17 30	1 25	19 51	0 55	23 1	0 20	19 44	0 35	22 19	1 9	17 50	16 4	0 46	0 7	16 18	10 27	5 58	
F 30	15 32	9 36	2 55	20 16	2 2	21 53	0 8	17 40	1 26	19 52	0 55	23 2	0 20	19 43	0 35	22 19	1 9	17 50	16 4	0 45	0 8	16 19	10 26	5 58	
S 31	15s13	13n 5	3s52	19s50	2s 3	21s43	0s11	17n49	1n26	19n54	0n55	23n 2	0s20	19s43	0s35	22s19	1n 9	17s49	16s 4	0n45	0n 9	16s20	10s25	5n58	

Julian Day Number = 2205744.5, Delta T = 09m43s
Ecliptic obliquity = 23°31'26, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°21'13, Lahiri = 14°28'14 Julian Calendar 1 Jan. 1327 == Greg. Calendar 9 Jan. 1327

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1327
geocentric

FEBRUARY 1327 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	9 13 41	19♒52'19	0♊35	11♒31	24♉17	15♉45	5°R 9	6°R24	4♒50	26♐ 7	22♓12	28°R 7	29♍34	3♐13	16♒ 3	S 1
M 2	9 17 38	20°52'48	14°51	13°14	25°32	16°17	5♌ 1	6♋22	4°54	26° 9	22°13	28♍ 5	29°30	3°19	16° 7	M 2
T 3	9 21 35	21°53'15	29°12	14°58	26°46	16°49	4°54	6°19	4°57	26°10	22°15	28° 1	29°27	3°26	16°11	T 3
W 4	9 25 31	22°53'40	13♋33	16°43	28° 0	17°21	4°47	6°16	5° 0	26°12	22°16	27°56	29°24	3°33	16°16	W 4
T 5	9 29 28	23°54'03	27°49	18°30	29°15	17°53	4°40	6°14	5° 4	26°13	22°17	27°51	29°21	3°40	16°20	T 5
F 6	9 33 24	24°54'25	11♌56	20°17	0♒29	18°25	4°32	6°11	5° 7	26°15	22°19	27°45	29°18	3°46	16°24	F 6
S 7	9 37 21	25°54'44	25°48	22° 5	1°43	18°58	4°25	6° 9	5°10	26°16	22°20	27°41	29°14	3°53	16°29	S 7
S 8	9 41 17	26°55'02	9♍21	23°54	2°58	19°30	4°19	6° 7	5°14	26°17	22°21	27°38	29°11	4° 0	16°33	S 8
M 9	9 45 14	27°55'18	22°35	25°44	4°12	20° 3	4°12	6° 5	5°17	26°19	22°23	27°D37	29° 8	4° 6	16°37	M 9
T 10	9 49 10	28°55'33	5♎28	27°35	5°26	20°36	4° 5	6° 3	5°20	26°20	22°24	27°37	29° 5	4°13	16°42	T 10
W11	9 53 7	29°55'46	18° 2	29°26	6°40	21° 9	3°59	6° 1	5°24	26°21	22°26	27°38	29° 2	4°20	16°46	W11
T 12	9 57 4	0♓55'57	0♏19	1♓19	7°55	21°42	3°52	5°59	5°27	26°22	22°27	27°40	28°59	4°26	16°50	T 12
F 13	10 1 0	1°56'07	12°23	3°13	9° 9	22°15	3°46	5°57	5°30	26°24	22°28	27°42	28°55	4°33	16°54	F 13
S 14	10 4 57	2°56'15	24°19	5° 7	10°23	22°48	3°40	5°56	5°33	26°25	22°30	27°43	28°52	4°40	16°58	S 14
S 15	10 8 53	3°56'21	6♐11	7° 3	11°38	23°21	3°34	5°54	5°36	26°26	22°31	27°R43	28°49	4°47	17° 3	S 15
M16	10 12 50	4°56'26	18° 4	8°58	12°52	23°54	3°28	5°53	5°40	26°27	22°33	27°42	28°46	4°53	17° 7	M16
T 17	10 16 46	5°56'29	0♑ 3	10°55	14° 6	24°27	3°22	5°51	5°43	26°28	22°34	27°41	28°43	5° 0	17°11	T 17
W18	10 20 43	6°56'31	12°12	12°51	15°21	25° 1	3°16	5°50	5°46	26°29	22°36	27°38	28°39	5° 7	17°15	W18
T 19	10 24 39	7°56'31	24°35	14°49	16°35	25°34	3°11	5°49	5°49	26°30	22°37	27°35	28°36	5°13	17°19	T 19
F 20	10 28 36	8°56'29	7♒15	16°46	17°49	26° 8	3° 5	5°48	5°52	26°31	22°39	27°32	28°33	5°20	17°23	F 20
S 21	10 32 33	9°56'25	20°12	18°42	19° 4	26°42	3° 0	5°47	5°55	26°32	22°40	27°29	28°30	5°27	17°27	S 21
S 22	10 36 29	10°56'19	3♓28	20°39	20°18	27°15	2°55	5°47	5°58	26°33	22°41	27°27	28°27	5°34	17°32	S 22
M23	10 40 26	11°56'12	17° 0	22°35	21°32	27°49	2°50	5°46	6° 1	26°34	22°43	27°26	28°24	5°40	17°36	M23
T 24	10 44 22	12°56'02	0♈48	24°29	22°47	28°23	2°46	5°46	6° 4	26°35	22°44	27°D26	28°20	5°47	17°40	T 24
W25	10 48 19	13°55'50	14°47	26°22	24° 1	28°57	2°41	5°45	6° 7	26°36	22°46	27°27	28°17	5°54	17°44	W25
T 26	10 52 15	14°55'36	28°55	28°14	25°15	29°31	2°37	5°45	6°10	26°36	22°47	27°27	28°14	6° 0	17°48	T 26
F 27	10 56 12	15°55'20	13♉ 8	0♈ 3	26°29	0♊ 5	2°33	5°45	6°13	26°37	22°49	27°28	28°11	6° 7	17°52	F 27
S 28	11 0 8	16♓55'02	27♉24	1♈49	27♒44	0♊39	2♌29	5°D45	6♒16	26♐38	22♓50	27♍29	28♍ 8	6♐14	17♒55	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14s54	15n51	4s36	19s23	2s 4	21s33	0s13	17n59	1n26	19n56	0n55	23n 2	0s20	19s42	0s35	22s19	1n 9	17s48	16s 4	0n45	0n11	16s21	10s23	5n58
M 2	14 35	17 39	5 3	18 54	2 5	21 22	0 16	18 9	1 26	19 58	0 55	23 2	0 20	19 41	0 35	22 19	1 9	17 48	16 4	0 46	0 12	16 21	10 22	5 58
T 3	14 16	18 20	5 11	18 24	2 6	21 11	0 19	18 18	1 27	20 0	0 55	23 3	0 20	19 40	0 35	22 19	1 9	17 47	16 3	0 47	0 13	16 22	10 21	5 58
W 4	13 56	17 52	5 0	17 52	2 5	20 59	0 21	18 28	1 27	20 2	0 55	23 3	0 20	19 39	0 35	22 19	1 9	17 46	16 3	0 49	0 14	16 23	10 20	5 58
T 5	13 36	16 16	4 30	17 19	2 5	20 46	0 24	18 37	1 27	20 4	0 55	23 3	0 19	19 39	0 35	22 19	1 9	17 45	16 3	0 52	0 16	16 24	10 18	5 58
F 6	13 16	13 41	3 44	16 44	2 4	20 33	0 27	18 46	1 27	20 5	0 55	23 4	0 19	19 38	0 35	22 19	1 9	17 45	16 3	0 54	0 17	16 25	10 17	5 58
S 7	12 56	10 22	2 45	16 8	2 2	20 19	0 29	18 55	1 28	20 7	0 55	23 4	0 19	19 37	0 36	22 19	1 9	17 44	16 3	0 55	0 18	16 26	10 16	5 58
S 8	12 35	6 34	1 38	15 30	2 0	20 5	0 32	19 5	1 28	20 9	0 55	23 4	0 19	19 36	0 36	22 19	1 9	17 43	16 3	0 57	0 19	16 27	10 15	5 58
M 9	12 14	2 32	0 28	14 50	1 58	19 50	0 34	19 14	1 28	20 10	0 55	23 4	0 19	19 35	0 36	22 19	1 9	17 43	16 3	0 57	0 21	16 27	10 13	5 58
T 10	11 53	1s31	0n43	14 9	1 55	19 34	0 36	19 23	1 28	20 12	0 56	23 4	0 19	19 35	0 36	22 19	1 9	17 42	16 2	0 57	0 22	16 28	10 12	5 58
W11	11 32	5 24	1 50	13 27	1 51	19 18	0 39	19 32	1 28	20 14	0 56	23 5	0 19	19 34	0 36	22 19	1 9	17 41	16 2	0 57	0 23	16 29	10 11	5 58
T 12	11 11	8 58	2 50	12 43	1 47	19 1	0 41	19 41	1 29	20 15	0 56	23 5	0 18	19 33	0 36	22 19	1 9	17 41	16 2	0 56	0 25	16 30	10 9	5 58
F 13	10 49	12 5	3 42	11 57	1 43	18 44	0 43	19 49	1 29	20 17	0 56	23 5	0 18	19 32	0 36	22 19	1 9	17 40	16 2	0 55	0 26	16 31	10 8	5 58
S 14	10 28	14 40	4 23	11 11	1 37	18 26	0 46	19 58	1 29	20 18	0 56	23 5	0 18	19 31	0 36	22 19	1 9	17 39	16 2	0 55	0 27	16 32	10 7	5 58
S 15	10 6	16 36	4 53	10 22	1 32	18 7	0 48	20 7	1 29	20 20	0 56	23 6	0 18	19 31	0 36	22 19	1 9	17 39	16 2	0 55	0 28	16 33	10 5	5 58
M16	9 44	17 50	5 10	9 33	1 25	17 49	0 50	20 15	1 29	20 21	0 56	23 6	0 18	19 30	0 36	22 19	1 9	17 38	16 2	0 55	0 30	16 33	10 4	5 58
T 17	9 22	18 17	5 14	8 42	1 18	17 29	0 52	20 24	1 29	20 22	0 56	23 6	0 18	19 29	0 36	22 19	1 9	17 37	16 2	0 56	0 31	16 34	10 3	5 58
W18	9 0	17 54	5 5	7 51	1 11	17 9	0 54	20 32	1 29	20 24	0 56	23 6	0 18	19 28	0 36	22 19	1 9	17 37	16 2	0 57	0 32	16 35	10 2	5 58
T 19	8 37	16 41	4 41	6 58	1 3	16 49	0 56	20 40	1 30	20 25	0 56	23 6	0 18	19 28	0 36	22 19	1 9	17 36	16 1	0 58	0 33	16 36	10 0	5 58
F 20	8 15	14 37	4 3	6 4	0 54	16 28	0 58	20 48	1 30	20 26	0 56	23 6	0 17	19 27	0 36	22 19	1 10	17 35	16 1	0 59	0 35	16 37	9 59	5 58
S 21	7 52	11 47	3 11	5 10	0 44	16 7	1 0	20 56	1 30	20 27	0 56	23 7	0 17	19 26	0 36	22 19	1 10	17 35	16 1	1 0	0 36	16 37	9 58	5 59
S 22	7 29	8 16	2 9	4 15	0 34	15 45	1 2	21 4	1 30	20 29	0 56	23 7	0 17	19 25	0 36	22 19	1 10	17 34	16 1	1 1	0 37	16 38	9 56	5 59
M23	7 7	4 16	0 57	3 19	0 24	15 23	1 4	21 12	1 30	20 30	0 56	23 7	0 17	19 25	0 36	22 19	1 10	17 33	16 1	1 1	0 38	16 39	9 55	5 59
T 24	6 44	0n 2	0s19	2 24	0 13	15 0	1 5	21 20	1 30	20 31	0 56	23 7	0 17	19 24	0 36	22 19	1 10	17 33	16 1	1 1	0 40	16 40	9 54	5 59
W25	6 21	4 24	1 35	1 28	0 2	14 37	1 7	21 28	1 30	20 32	0 56	23 7	0 17	19 23	0 36	22 19	1 10	17 32	16 1	1 1	0 41	16 41	9 52	5 59
T 26	5 57	8 33	2 46	0 33	0n10	14 14	1 9	21 35	1 30	20 33	0 56	23 7	0 17	19 23	0 36	22 19	1 10	17 32	16 1	1 1	0 42	16 42	9 51	5 59
F 27	5 34	12 14	3 47	0n22	0 22	13 50	1 10	21 43	1 30	20 34	0 55	23 8	0 16	19 22	0 36	22 19	1 10	17 31	16 1	1 0	0 44	16 42	9 50	5 59
S 28	5s11	15n12	4s34	1n15	0n35	13s26	1s12	21n50	1n30	20n35	0n55	23n 8	0s16	19s21	0s36	22s19	1n10	17s30	16s 1	1n 0	0n45	16s43	9s48	5n59

Julian Day Number = 2205775.5, Delta T = 09m43s
Ecliptic obliquity = 23°31'27, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°21'17, Lahiri = 14°28'18 Julian Calendar 1 Feb. 1327 == Greg. Calendar 9 Feb. 1327

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ASTRODIENST EPHEMERIS for the year 1327
geocentric

MARCH 1327 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	11 4 5	17♓54'41	11♊38	3♈32	28♒58	1♊13	2°R25	5♋45	6♒19	26♐39	22♓52	27°R30	28♍ 5	6♐21	17♒59	S 1
M 2	11 8 1	18°54'18	25°49	5°12	0♓12	1°48	2♌21	5°45	6°21	26°39	22°53	27♍30	28° 1	6°27	18° 3	M 2
T 3	11 11 58	19°53'53	9♋55	6°47	1°26	2°22	2°18	5°45	6°24	26°40	22°55	27°29	27°58	6°34	18° 7	T 3
W 4	11 15 55	20°53'25	23°53	8°17	2°41	2°56	2°14	5°46	6°27	26°41	22°56	27°29	27°55	6°41	18°11	W 4
T 5	11 19 51	21°52'55	7♌41	9°43	3°55	3°31	2°11	5°46	6°30	26°41	22°58	27°28	27°52	6°47	18°15	T 5
F 6	11 23 48	22°52'22	21°18	11° 3	5° 9	4° 5	2° 8	5°47	6°32	26°42	22°59	27°27	27°49	6°54	18°18	F 6
S 7	11 27 44	23°51'48	4♍43	12°18	6°23	4°40	2° 6	5°48	6°35	26°42	23° 1	27°27	27°45	7° 1	18°22	S 7
S 8	11 31 41	24°51'11	17°53	13°26	7°37	5°14	2° 3	5°48	6°38	26°43	23° 2	27°27	27°42	7° 8	18°26	S 8
M 9	11 35 37	25°50'32	0♎49	14°28	8°52	5°49	2° 1	5°49	6°40	26°43	23° 4	27°D27	27°39	7°14	18°29	M 9
T 10	11 39 34	26°49'51	13°30	15°23	10° 6	6°23	1°59	5°50	6°43	26°43	23° 5	27°27	27°36	7°21	18°33	T 10
W11	11 43 30	27°49'08	25°56	16°11	11°20	6°58	1°57	5°52	6°45	26°44	23° 7	27°R27	27°33	7°28	18°37	W11
T 12	11 47 27	28°48'23	8♏10	16°52	12°34	7°33	1°55	5°53	6°48	26°44	23° 8	27°27	27°30	7°34	18°40	T 12
F 13	11 51 24	29°47'36	20°14	17°26	13°48	8° 8	1°53	5°54	6°50	26°45	23°10	27°26	27°26	7°41	18°44	F 13
S 14	11 55 20	0♈46'47	2♐10	17°53	15° 3	8°43	1°52	5°56	6°52	26°45	23°11	27°26	27°23	7°48	18°47	S 14
S 15	11 59 17	1°45'57	14° 3	18°12	16°17	9°17	1°50	5°57	6°55	26°45	23°13	27°26	27°20	7°55	18°51	S 15
M16	12 3 13	2°45'04	25°56	18°24	17°31	9°52	1°49	5°59	6°57	26°45	23°14	27°26	27°17	8° 1	18°54	M16
T 17	12 7 10	3°44'10	7♑55	18°R29	18°45	10°27	1°49	6° 1	6°59	26°45	23°16	27°D25	27°14	8° 8	18°57	T 17
W18	12 11 6	4°43'14	20° 3	18°27	19°59	11° 2	1°48	6° 3	7° 2	26°46	23°17	27°26	27°10	8°15	19° 1	W18
T 19	12 15 3	5°42'16	2♒26	18°18	21°13	11°37	1°47	6° 5	7° 4	26°46	23°19	27°26	27° 7	8°21	19° 4	T 19
F 20	12 18 59	6°41'17	15° 7	18° 2	22°27	12°12	1°47	6° 7	7° 6	26°46	23°20	27°27	27° 4	8°28	19° 7	F 20
S 21	12 22 56	7°40'15	28° 9	17°41	23°42	12°48	1°D47	6° 9	7° 8	26°46	23°22	27°28	27° 1	8°35	19°10	S 21
S 22	12 26 53	8°39'12	11♓34	17°15	24°56	13°23	1°47	6°12	7°10	26°R46	23°23	27°29	26°58	8°42	19°14	S 22
M23	12 30 49	9°38'06	25°22	16°43	26°10	13°58	1°47	6°14	7°12	26°46	23°25	27°R29	26°55	8°48	19°17	M23
T 24	12 34 46	10°36'59	9♈31	16° 8	27°24	14°33	1°48	6°17	7°14	26°46	23°26	27°29	26°51	8°55	19°20	T 24
W25	12 38 42	11°35'50	23°56	15°29	28°38	15° 8	1°48	6°19	7°16	26°46	23°28	27°28	26°48	9° 2	19°23	W25
T 26	12 42 39	12°34'38	8♉33	14°47	29°52	15°44	1°49	6°22	7°18	26°45	23°29	27°27	26°45	9° 8	19°26	T 26
F 27	12 46 35	13°33'25	23°14	14° 3	1♈ 6	16°19	1°50	6°25	7°20	26°45	23°30	27°25	26°42	9°15	19°29	F 27
S 28	12 50 32	14°32'09	7♊53	13°19	2°20	16°54	1°52	6°28	7°22	26°45	23°32	27°22	26°39	9°22	19°32	S 28
S 29	12 54 28	15°30'51	22°24	12°35	3°34	17°30	1°53	6°31	7°24	26°45	23°33	27°21	26°36	9°29	19°35	S 29
M30	12 58 25	16°29'31	6♋42	11°51	4°48	18° 5	1°54	6°34	7°26	26°45	23°35	27°20	26°32	9°35	19°37	M30
T 31	13 2 21	17♈28'09	20♋45	11♈ 9	6♈ 2	18♊41	1♌56	6♋37	7♒27	26♐44	23♓36	27°D19	26♍29	9♐42	19♒40	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	4s48	17n13	5s 5	2n 8	0n47	13s 1	1s13	21n57	1n30	20n35	0n55	23n 8	0s16	19s21	0s36	22s19	1n10	17s30	16s 1	1n 0	0n46	16s44	9s47	6n 0
M 2	4 24	18 11	5 17	2 59	1 0	12 36	1 15	22 4	1 30	20 36	0 55	23 8	0 16	19 20	0 36	22 19	1 10	17 29	16 1	1 0	0 47	16 45	9 46	6 0
T 3	4 1	18 1	5 9	3 49	1 13	12 11	1 16	22 11	1 31	20 37	0 55	23 8	0 16	19 19	0 36	22 19	1 10	17 28	16 1	1 0	0 49	16 46	9 44	6 0
W 4	3 37	16 45	4 44	4 37	1 26	11 45	1 17	22 18	1 31	20 38	0 55	23 8	0 16	19 19	0 36	22 19	1 10	17 28	16 1	1 0	0 50	16 46	9 43	6 0
T 5	3 14	14 31	4 2	5 22	1 38	11 19	1 18	22 25	1 31	20 38	0 55	23 8	0 16	19 18	0 36	22 19	1 10	17 27	16 1	1 1	0 51	16 47	9 42	6 0
F 6	2 50	11 29	3 7	6 5	1 51	10 53	1 19	22 31	1 31	20 39	0 55	23 8	0 16	19 17	0 36	22 19	1 10	17 27	16 1	1 1	0 52	16 48	9 41	6 0
S 7	2 27	7 55	2 3	6 45	2 3	10 27	1 21	22 38	1 31	20 40	0 55	23 8	0 15	19 17	0 36	22 19	1 10	17 26	16 1	1 1	0 54	16 49	9 39	6 1
S 8	2 3	4 0	0 53	7 23	2 14	10 0	1 22	22 44	1 31	20 40	0 55	23 9	0 15	19 16	0 36	22 19	1 10	17 26	16 1	1 1	0 55	16 49	9 38	6 1
M 9	1 40	0s 2	0n19	7 57	2 25	9 33	1 22	22 50	1 31	20 41	0 55	23 9	0 15	19 15	0 36	22 19	1 10	17 25	16 1	1 1	0 56	16 50	9 37	6 1
T 10	1 16	4 0	1 28	8 28	2 35	9 6	1 23	22 56	1 31	20 41	0 55	23 9	0 15	19 15	0 36	22 19	1 10	17 24	16 1	1 1	0 57	16 51	9 35	6 1
W11	0 52	7 42	2 32	8 55	2 45	8 38	1 24	23 2	1 31	20 41	0 55	23 9	0 15	19 14	0 36	22 19	1 10	17 24	16 1	1 1	0 59	16 52	9 34	6 1
T 12	0 29	11 1	3 27	9 19	2 53	8 10	1 25	23 8	1 31	20 42	0 55	23 9	0 15	19 13	0 36	22 19	1 10	17 23	16 1	1 1	1 0	16 53	9 33	6 2
F 13	0 5	13 48	4 13	9 39	3 1	7 42	1 26	23 14	1 31	20 42	0 55	23 9	0 15	19 13	0 36	22 19	1 10	17 23	16 1	1 1	1 1	16 53	9 32	6 2
S 14	0n19	15 59	4 47	9 55	3 7	7 14	1 26	23 20	1 31	20 42	0 55	23 9	0 15	19 12	0 36	22 19	1 10	17 22	16 1	1 1	1 3	16 54	9 30	6 2
S 15	0 42	17 28	5 9	10 7	3 12	6 46	1 27	23 25	1 31	20 43	0 55	23 9	0 14	19 12	0 36	22 19	1 10	17 22	16 1	1 2	1 4	16 55	9 29	6 2
M16	1 6	18 11	5 17	10 15	3 16	6 17	1 27	23 30	1 31	20 43	0 55	23 9	0 14	19 11	0 36	22 19	1 10	17 21	16 1	1 2	1 5	16 56	9 28	6 2
T 17	1 29	18 6	5 12	10 20	3 19	5 49	1 28	23 35	1 31	20 43	0 55	23 9	0 14	19 11	0 36	22 19	1 10	17 21	16 1	1 2	1 6	16 56	9 27	6 3
W18	1 53	17 12	4 53	10 20	3 20	5 20	1 28	23 40	1 31	20 43	0 55	23 9	0 14	19 10	0 36	22 19	1 10	17 20	16 1	1 2	1 8	16 57	9 25	6 3
T 19	2 16	15 28	4 20	10 16	3 19	4 51	1 28	23 45	1 31	20 43	0 55	23 9	0 14	19 10	0 36	22 19	1 10	17 19	16 2	1 1	1 9	16 58	9 24	6 3
F 20	2 40	12 57	3 34	10 8	3 18	4 21	1 28	23 50	1 31	20 43	0 54	23 9	0 14	19 9	0 36	22 19	1 10	17 19	16 2	1 1	1 10	16 59	9 23	6 3
S 21	3 3	9 44	2 35	9 57	3 14	3 52	1 29	23 54	1 30	20 43	0 54	23 9	0 14	19 9	0 37	22 19	1 10	17 18	16 2	1 1	1 11	16 59	9 22	6 4
S 22	3 27	5 55	1 27	9 42	3 9	3 23	1 29	23 59	1 30	20 43	0 54	23 9	0 14	19 8	0 37	22 19	1 10	17 18	16 2	1 0	1 13	17 0	9 21	6 4
M23	3 50	1 40	0 12	9 24	3 2	2 53	1 29	24 3	1 30	20 43	0 54	23 9	0 13	19 8	0 37	22 19	1 10	17 17	16 2	1 0	1 14	17 1	9 19	6 4
T 24	4 13	2n46	1s 6	9 2	2 54	2 24	1 29	24 7	1 30	20 43	0 54	23 9	0 13	19 7	0 37	22 19	1 10	17 17	16 2	1 0	1 15	17 2	9 18	6 4
W25	4 36	7 8	2 21	8 38	2 44	1 54	1 29	24 11	1 30	20 42	0 54	23 9	0 13	19 7	0 37	22 19	1 11	17 17	16 2	1 1	1 17	17 2	9 17	6 5
T 26	4 59	11 7	3 28	8 11	2 33	1 24	1 28	24 15	1 30	20 42	0 54	23 9	0 13	19 6	0 37	22 19	1 11	17 16	16 2	1 1	1 18	17 3	9 16	6 5
F 27	5 22	14 26	4 21	7 43	2 20	0 54	1 28	24 19	1 30	20 42	0 54	23 9	0 13	19 6	0 37	22 19	1 11	17 16	16 2	1 2	1 19	17 4	9 15	6 5
S 28	5 45	16 48	4 58	7 13	2 7	0 25	1 28	24 22	1 30	20 42	0 54	23 9	0 13	19 5	0 37	22 18	1 11	17 15	16 2	1 3	1 20	17 4	9 14	6 5
S 29	6 8	18 4	5 14	6 42	1 52	0n 5	1 27	24 26	1 30	20 41	0 54	23 9	0 13	19 5	0 37	22 18	1 11	17 15	16 3	1 4	1 22	17 5	9 12	6 6
M30	6 30	18 10	5 11	6 11	1 37	0 35	1 27	24 29	1 30	20 41	0 54	23 9	0 13	19 4	0 37	22 18	1 11	17 14	16 3	1 4	1 23	17 6	9 11	6 6
T 31	6n53	17n 9	4s50	5n40	1n21	1n 5	1s27	24n32	1n30	20n40	0n54	23n 9	0s12	19s 4	0s37	22s18	1n11	17s14	16s 3	1n 4	1n24	17s 7	9s10	6n 6

Julian Day Number = 2205803.5, Delta T = 09m43s
Ecliptic obliquity = 23°31'27, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°21'21, Lahiri = 14°28'22 Julian Calendar 1 March 1327 == Greg. Calendar 9 March 1327

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ASTRODIENST EPHEMERIS for the year 1327
geocentric

APRIL 1327 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	13 6 18	18♈26'44	4♌32	10°R29	7♈16	19♊16	1♌58	6♋41	7♒29	26°R44	23♓37	27♍20	26♍26	9♐49	19♒43	W 1
T 2	13 10 15	19°25'17	18° 2	9♈51	8°30	19°52	2° 0	6°44	7°31	26♐44	23°39	27°21	26°23	9°55	19°45	T 2
F 3	13 14 11	20°23'48	1♍17	9°17	9°44	20°27	2° 3	6°48	7°32	26°43	23°40	27°23	26°20	10° 2	19°48	F 3
S 4	13 18 8	21°22'16	14°18	8°47	10°58	21° 3	2° 5	6°51	7°34	26°43	23°42	27°24	26°16	10° 9	19°51	S 4
S 5	13 22 4	22°20'43	27° 5	8°22	12°12	21°39	2° 8	6°55	7°35	26°42	23°43	27°R25	26°13	10°16	19°53	S 5
M 6	13 26 1	23°19'07	9♎41	8° 1	13°26	22°14	2°11	6°59	7°37	26°42	23°44	27°24	26°10	10°22	19°56	M 6
T 7	13 29 57	24°17'30	22° 5	7°44	14°40	22°50	2°14	7° 3	7°38	26°41	23°46	27°22	26° 7	10°29	19°58	T 7
W 8	13 33 54	25°15'50	4♏20	7°32	15°54	23°26	2°17	7° 7	7°39	26°41	23°47	27°19	26° 4	10°36	20° 0	W 8
T 9	13 37 50	26°14'09	16°27	7°26	17° 8	24° 1	2°20	7°11	7°41	26°40	23°48	27°14	26° 1	10°42	20° 3	T 9
F 10	13 41 47	27°12'26	28°27	7°D24	18°22	24°37	2°24	7°15	7°42	26°40	23°50	27° 9	25°57	10°49	20° 5	F 10
S 11	13 45 44	28°10'42	10♐21	7°27	19°36	25°13	2°27	7°19	7°43	26°39	23°51	27° 4	25°54	10°56	20° 7	S 11
S 12	13 49 40	29° 8'55	22°14	7°35	20°50	25°48	2°31	7°23	7°44	26°38	23°52	26°59	25°51	11° 3	20° 9	S 12
M13	13 53 37	0♑ 7'08	4♑ 7	7°48	22° 4	26°24	2°35	7°28	7°45	26°38	23°53	26°55	25°48	11° 9	20°11	M13
T 14	13 57 33	1° 5'18	16° 4	8° 6	23°18	27° 0	2°40	7°32	7°46	26°37	23°55	26°52	25°45	11°16	20°13	T 14
W15	14 1 30	2° 3'27	28°11	8°28	24°32	27°36	2°44	7°37	7°47	26°36	23°56	26°D51	25°42	11°23	20°15	W15
T 16	14 5 26	3° 1'35	10♒30	8°54	25°46	28°12	2°48	7°42	7°48	26°36	23°57	26°51	25°38	11°30	20°17	T 16
F 17	14 9 23	3°59'41	23° 8	9°25	26°59	28°48	2°53	7°46	7°49	26°35	23°58	26°52	25°35	11°36	20°19	F 17
S 18	14 13 19	4°57'46	6♓ 8	9°59	28°13	29°24	2°58	7°51	7°50	26°34	23°59	26°54	25°32	11°43	20°21	S 18
S 19	14 17 16	5°55'49	19°33	10°38	29°27	29°59	3° 3	7°56	7°51	26°33	24° 1	26°55	25°29	11°50	20°23	S 19
M20	14 21 13	6°53'51	3♈25	11°20	0♉41	0♋36	3° 8	8° 1	7°52	26°32	24° 2	26°R55	25°26	11°56	20°25	M20
T 21	14 25 9	7°51'52	17°44	12° 6	1°55	1°12	3°13	8° 6	7°53	26°31	24° 3	26°53	25°22	12° 3	20°26	T 21
W22	14 29 6	8°49'50	2♉25	12°55	3° 9	1°48	3°19	8°11	7°53	26°30	24° 4	26°50	25°19	12°10	20°28	W22
T 23	14 33 2	9°47'48	17°22	13°48	4°23	2°24	3°25	8°17	7°54	26°29	24° 5	26°45	25°16	12°17	20°29	T 23
F 24	14 36 59	10°45'44	2♊28	14°44	5°36	3° 0	3°30	8°22	7°54	26°28	24° 6	26°38	25°13	12°23	20°31	F 24
S 25	14 40 55	11°43'38	17°31	15°43	6°50	3°36	3°36	8°27	7°55	26°27	24° 7	26°32	25°10	12°30	20°32	S 25
S 26	14 44 52	12°41'30	2♋22	16°45	8° 4	4°12	3°42	8°33	7°55	26°26	24° 9	26°26	25° 7	12°37	20°34	S 26
M27	14 48 48	13°39'21	16°56	17°50	9°18	4°48	3°49	8°38	7°56	26°25	24°10	26°21	25° 3	12°43	20°35	M27
T 28	14 52 45	14°37'10	1♌ 7	18°58	10°32	5°24	3°55	8°44	7°56	26°24	24°11	26°19	25° 0	12°50	20°36	T 28
W29	14 56 42	15°34'57	14°54	20° 9	11°46	6° 0	4° 1	8°49	7°57	26°23	24°12	26°D18	24°57	12°57	20°37	W29
T 30	15 0 38	16♉32'43	28♌17	21♈22	12♉59	6♋37	4♌ 8	8♋55	7♒57	26♐22	24♓13	26♍18	24♍54	13♐ 4	20♒38	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	7n15	15n 7	4s12	5n 9	1n 5	1n35	1s26	24n35	1n30	20n40	0n54	23n 9	0s12	19s 4	0s37	22s18	1n11	17s13	16s 3	1n 4	1n25	17s 7	9s 9	6n 6
T 2	7 38	12 18	3 20	4 39	0 48	2 5	1 25	24 38	1 30	20 39	0 54	23 9	0 12	19 3	0 37	22 18	1 11	17 13	16 3	1 3	1 27	17 8	9 8	6 7
F 3	8 0	8 53	2 19	4 10	0 31	2 34	1 25	24 40	1 30	20 39	0 54	23 9	0 12	19 3	0 37	22 18	1 11	17 13	16 3	1 3	1 28	17 9	9 7	6 7
S 4	8 22	5 6	1 12	3 43	0 15	3 4	1 24	24 43	1 29	20 38	0 53	23 9	0 12	19 2	0 37	22 18	1 11	17 12	16 4	1 2	1 29	17 9	9 6	6 7
S 5	8 44	1 8	0 2	3 18	0s 2	3 34	1 23	24 45	1 29	20 37	0 53	23 9	0 12	19 2	0 37	22 18	1 11	17 12	16 4	1 2	1 30	17 10	9 5	6 8
M 6	9 5	2s49	1n 7	2 55	0 18	4 4	1 22	24 47	1 29	20 37	0 53	23 9	0 12	19 2	0 37	22 18	1 11	17 12	16 4	1 2	1 32	17 11	9 4	6 8
T 7	9 27	6 36	2 11	2 34	0 34	4 33	1 21	24 49	1 29	20 36	0 53	23 9	0 12	19 1	0 37	22 18	1 11	17 11	16 4	1 3	1 33	17 12	9 3	6 8
W 8	9 48	10 3	3 9	2 15	0 49	5 3	1 20	24 51	1 29	20 35	0 53	23 8	0 11	19 1	0 37	22 18	1 11	17 11	16 4	1 4	1 34	17 12	9 2	6 9
T 9	10 10	13 2	3 57	2 0	1 3	5 32	1 19	24 52	1 29	20 34	0 53	23 8	0 11	19 1	0 37	22 18	1 11	17 10	16 4	1 6	1 36	17 13	9 1	6 9
F 10	10 31	15 26	4 34	1 46	1 17	6 1	1 18	24 54	1 29	20 33	0 53	23 8	0 11	19 1	0 37	22 18	1 11	17 10	16 5	1 8	1 37	17 14	9 0	6 9
S 11	10 52	17 9	4 59	1 36	1 30	6 30	1 17	24 55	1 29	20 32	0 53	23 8	0 11	19 0	0 37	22 18	1 11	17 10	16 5	1 10	1 38	17 14	8 59	6 10
S 12	11 13	18 7	5 11	1 27	1 42	6 59	1 16	24 56	1 29	20 31	0 53	23 8	0 11	19 0	0 37	22 18	1 11	17 9	16 5	1 12	1 39	17 15	8 58	6 10
M13	11 33	18 18	5 9	1 22	1 54	7 28	1 15	24 57	1 28	20 30	0 53	23 8	0 11	19 0	0 37	22 18	1 11	17 9	16 5	1 14	1 41	17 16	8 57	6 10
T 14	11 54	17 41	4 55	1 19	2 4	7 57	1 13	24 58	1 28	20 29	0 53	23 8	0 11	18 59	0 37	22 18	1 11	17 9	16 6	1 15	1 42	17 16	8 56	6 11
W15	12 14	16 15	4 27	1 19	2 14	8 25	1 12	24 58	1 28	20 28	0 53	23 8	0 11	18 59	0 37	22 18	1 11	17 9	16 6	1 15	1 43	17 17	8 55	6 11
T 16	12 34	14 2	3 46	1 21	2 23	8 54	1 10	24 59	1 28	20 27	0 53	23 7	0 11	18 59	0 37	22 18	1 11	17 8	16 6	1 15	1 44	17 18	8 54	6 11
F 17	12 54	11 7	2 53	1 26	2 31	9 22	1 9	24 59	1 28	20 26	0 53	23 7	0 10	18 59	0 37	22 18	1 11	17 8	16 6	1 15	1 46	17 18	8 53	6 12
S 18	13 13	7 35	1 51	1 32	2 38	9 50	1 7	24 59	1 28	20 25	0 52	23 7	0 10	18 59	0 37	22 18	1 11	17 8	16 6	1 14	1 47	17 19	8 52	6 12
S 19	13 33	3 32	0 40	1 42	2 45	10 17	1 6	24 59	1 28	20 24	0 52	23 7	0 10	18 58	0 38	22 18	1 11	17 8	16 7	1 14	1 48	17 20	8 51	6 12
M20	13 52	0n49	0s35	1 53	2 51	10 45	1 4	24 59	1 28	20 22	0 52	23 7	0 10	18 58	0 38	22 18	1 11	17 7	16 7	1 14	1 49	17 20	8 50	6 13
T 21	14 11	5 17	1 51	2 6	2 56	11 12	1 3	24 59	1 27	20 21	0 52	23 6	0 10	18 58	0 38	22 17	1 11	17 7	16 7	1 14	1 51	17 21	8 50	6 13
W22	14 30	9 32	3 0	2 22	3 0	11 39	1 1	24 58	1 27	20 20	0 52	23 6	0 10	18 58	0 38	22 17	1 11	17 7	16 7	1 16	1 52	17 22	8 49	6 13
T 23	14 48	13 15	3 59	2 39	3 3	12 6	0 59	24 57	1 27	20 18	0 52	23 6	0 10	18 58	0 38	22 17	1 11	17 7	16 8	1 18	1 53	17 22	8 48	6 14
F 24	15 6	16 7	4 42	2 58	3 6	12 32	0 57	24 56	1 27	20 17	0 52	23 6	0 10	18 58	0 38	22 17	1 11	17 6	16 8	1 20	1 54	17 23	8 47	6 14
S 25	15 24	17 53	5 5	3 19	3 8	12 58	0 56	24 55	1 27	20 15	0 52	23 6	0 10	18 58	0 38	22 17	1 11	17 6	16 8	1 23	1 56	17 24	8 46	6 14
S 26	15 42	18 24	5 7	3 42	3 9	13 24	0 54	24 54	1 27	20 14	0 52	23 5	0 10	18 58	0 38	22 17	1 11	17 6	16 9	1 25	1 57	17 24	8 46	6 15
M27	16 0	17 40	4 49	4 6	3 9	13 50	0 52	24 53	1 26	20 12	0 52	23 5	0 9	18 58	0 38	22 17	1 11	17 6	16 9	1 27	1 58	17 25	8 45	6 15
T 28	16 17	15 51	4 14	4 32	3 9	14 15	0 50	24 51	1 26	20 11	0 52	23 5	0 9	18 57	0 38	22 17	1 11	17 6	16 9	1 28	2 0	17 26	8 44	6 15
W29	16 34	13 10	3 24	5 0	3 8	14 39	0 48	24 49	1 26	20 9	0 52	23 5	0 9	18 57	0 38	22 17	1 11	17 6	16 9	1 29	2 1	17 26	8 44	6 16
T 30	16n51	9n50	2s25	5n28	3s 7	15n 4	0s46	24n47	1n26	20n 8	0n52	23n 4	0s 9	18s57	0s38	22s17	1n11	17s 5	16s10	1n28	2n 2	17s27	8s43	6n16

Julian Day Number = 2205834.5, Delta T = 09m43s
Ecliptic obliquity = 23°31'27, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°21'25, Lahiri = 14°28'26 Julian Calendar 1 Apr. 1327 == Greg. Calendar 9 Apr. 1327

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ASTRODIENST EPHEMERIS for the year 1327
geocentric

MAY 1327 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	15 4 35	17♉30'26	11♍21	22♈38	14♉13	7♋13	4♌15	9♋ 1	7♒57	26°R21	24♓14	26♍19	24♍51	13♐10	20♒39	F 1
S 2	15 8 31	18°28'08	24° 6	23°56	15°27	7°49	4°22	9° 7	7°57	26♐20	24°15	26°R20	24°47	13°17	20°40	S 2
S 3	15 12 28	19°25'49	6♎37	25°17	16°41	8°25	4°29	9°13	7°57	26°18	24°16	26°20	24°44	13°24	20°41	S 3
M 4	15 16 24	20°23'27	18°57	26°41	17°54	9° 2	4°36	9°19	7°57	26°17	24°17	26°17	24°41	13°30	20°42	M 4
T 5	15 20 21	21°21'05	1♏ 8	28° 7	19° 8	9°38	4°43	9°25	7°R58	26°16	24°17	26°12	24°38	13°37	20°43	T 5
W 6	15 24 17	22°18'41	13°12	29°35	20°22	10°14	4°51	9°31	7°58	26°15	24°18	26° 5	24°35	13°44	20°44	W 6
T 7	15 28 14	23°16'16	25°10	1♑ 6	21°36	10°50	4°58	9°37	7°57	26°14	24°19	25°56	24°32	13°51	20°45	T 7
F 8	15 32 10	24°13'49	7♐ 6	2°39	22°49	11°27	5° 6	9°43	7°57	26°12	24°20	25°45	24°28	13°57	20°45	F 8
S 9	15 36 7	25°11'22	18°58	4°14	24° 3	12° 3	5°14	9°49	7°57	26°11	24°21	25°34	24°25	14° 4	20°46	S 9
S 10	15 40 4	26° 8'53	0♑51	5°52	25°17	12°39	5°22	9°56	7°57	26°10	24°22	25°23	24°22	14°11	20°46	S 10
M11	15 44 0	27° 6'24	12°45	7°32	26°31	13°16	5°30	10° 2	7°57	26° 8	24°23	25°14	24°19	14°18	20°47	M11
T 12	15 47 57	28° 3'53	24°43	9°15	27°44	13°52	5°38	10° 9	7°56	26° 7	24°23	25° 7	24°16	14°24	20°47	T 12
W13	15 51 53	29° 1'22	6♒49	10°59	28°58	14°29	5°46	10°15	7°56	26° 5	24°24	25° 2	24°13	14°31	20°47	W13
T 14	15 55 50	29°58'50	19° 7	12°47	0♊12	15° 5	5°55	10°22	7°56	26° 4	24°25	25° 0	24° 9	14°38	20°48	T 14
F 15	15 59 46	0♊56'17	1♓42	14°36	1°26	15°42	6° 3	10°28	7°55	26° 3	24°26	24°D59	24° 6	14°44	20°48	F 15
S 16	16 3 43	1°53'43	14°36	16°28	2°39	16°18	6°12	10°35	7°55	26° 1	24°26	25° 0	24° 3	14°51	20°48	S 16
S 17	16 7 39	2°51'09	27°56	18°22	3°53	16°55	6°20	10°41	7°54	26° 0	24°27	25°R 0	24° 0	14°58	20°48	S 17
M18	16 11 36	3°48'33	11♈44	20°18	5° 7	17°31	6°29	10°48	7°54	25°58	24°28	24°59	23°57	15° 5	20°R48	M18
T 19	16 15 33	4°45'58	26° 0	22°17	6°20	18° 8	6°38	10°55	7°53	25°57	24°28	24°56	23°53	15°11	20°48	T 19
W20	16 19 29	5°43'21	10♉43	24°17	7°34	18°44	6°47	11° 2	7°52	25°55	24°29	24°50	23°50	15°18	20°48	W20
T 21	16 23 26	6°40'44	25°47	26°20	8°48	19°21	6°57	11° 9	7°52	25°54	24°30	24°42	23°47	15°25	20°48	T 21
F 22	16 27 22	7°38'06	11♊ 3	28°24	10° 2	19°57	7° 6	11°16	7°51	25°52	24°30	24°32	23°44	15°31	20°48	F 22
S 23	16 31 19	8°35'28	26°21	0♊30	11°15	20°34	7°15	11°23	7°50	25°51	24°31	24°22	23°41	15°38	20°47	S 23
S 24	16 35 15	9°32'48	11♋28	2°38	12°29	21°11	7°25	11°30	7°49	25°49	24°31	24°13	23°38	15°45	20°47	S 24
M25	16 39 12	10°30'08	26°16	4°47	13°43	21°47	7°34	11°37	7°48	25°48	24°32	24° 5	23°34	15°52	20°46	M25
T 26	16 43 9	11°27'27	10♌38	6°57	14°56	22°24	7°44	11°44	7°47	25°46	24°32	23°59	23°31	15°58	20°46	T 26
W27	16 47 5	12°24'44	24°32	9° 8	16°10	23° 1	7°54	11°51	7°46	25°45	24°33	23°57	23°28	16° 5	20°45	W27
T 28	16 51 2	13°22'01	7♍59	11°19	17°24	23°37	8° 4	11°58	7°45	25°43	24°33	23°56	23°25	16°12	20°45	T 28
F 29	16 54 58	14°19'17	21° 0	13°31	18°38	24°14	8°14	12° 5	7°44	25°42	24°34	23°56	23°22	16°19	20°44	F 29
S 30	16 58 55	15°16'32	3♎40	15°43	19°51	24°51	8°24	12°12	7°43	25°40	24°34	23°55	23°19	16°25	20°43	S 30
S 31	17 2 51	16♊13'46	16♎ 3	17♊54	21♊ 5	25♋28	8♌34	12♋20	7♒42	25♐38	24♓35	23♍54	23♍15	16♐32	20♒43	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	17n 7	6n 6	1s20	5n59	3s 5	15n28	0s44	24n45	1n26	20n 6	0n52	23n 4	0s 9	18s57	0s38	22s17	1n11	17s 5	16s10	1n28	2n 3	17s28	8s42	6n16
S 2	17 23	2 10	0 12	6 30	3 2	15 52	0 42	24 43	1 26	20 4	0 52	23 4	0 9	18 57	0 38	22 17	1 11	17 5	16 10	1 28	2 5	17 28	8 42	6 17
S 3	17 39	1s48	0n55	7 3	2 59	16 15	0 40	24 41	1 25	20 3	0 51	23 3	0 9	18 57	0 38	22 17	1 11	17 5	16 11	1 28	2 6	17 29	8 41	6 17
M 4	17 55	5 37	1 58	7 37	2 55	16 38	0 37	24 38	1 25	20 1	0 51	23 3	0 9	18 57	0 38	22 17	1 11	17 5	16 11	1 29	2 7	17 29	8 40	6 18
T 5	18 10	9 10	2 55	8 12	2 50	17 0	0 35	24 35	1 25	19 59	0 51	23 3	0 9	18 57	0 38	22 17	1 11	17 5	16 11	1 31	2 8	17 30	8 40	6 18
W 6	18 25	12 18	3 44	8 47	2 45	17 22	0 33	24 32	1 25	19 57	0 51	23 2	0 8	18 57	0 38	22 17	1 12	17 5	16 11	1 34	2 10	17 31	8 39	6 18
T 7	18 39	14 53	4 22	9 24	2 39	17 44	0 31	24 29	1 25	19 55	0 51	23 2	0 8	18 57	0 38	22 17	1 12	17 5	16 12	1 37	2 11	17 31	8 38	6 19
F 8	18 54	16 50	4 48	10 2	2 33	18 5	0 29	24 26	1 25	19 53	0 51	23 2	0 8	18 58	0 38	22 17	1 12	17 5	16 12	1 42	2 12	17 32	8 38	6 19
S 9	19 8	18 3	5 2	10 41	2 26	18 26	0 26	24 22	1 24	19 51	0 51	23 1	0 8	18 58	0 38	22 17	1 12	17 5	16 12	1 46	2 13	17 33	8 37	6 19
S 10	19 22	18 29	5 2	11 20	2 19	18 46	0 24	24 19	1 24	19 49	0 51	23 1	0 8	18 58	0 38	22 17	1 12	17 5	16 13	1 50	2 15	17 33	8 37	6 20
M11	19 35	18 6	4 50	12 0	2 11	19 5	0 22	24 15	1 24	19 47	0 51	23 1	0 8	18 58	0 38	22 16	1 12	17 5	16 13	1 54	2 16	17 34	8 36	6 20
T 12	19 48	16 55	4 25	12 41	2 3	19 25	0 20	24 11	1 24	19 45	0 51	23 0	0 8	18 58	0 38	22 16	1 12	17 5	16 13	1 57	2 17	17 34	8 36	6 21
W13	20 1	14 58	3 47	13 22	1 55	19 43	0 17	24 7	1 24	19 43	0 51	23 0	0 8	18 58	0 38	22 16	1 12	17 5	16 14	1 59	2 18	17 35	8 36	6 21
T 14	20 13	12 19	2 59	14 3	1 46	20 1	0 15	24 3	1 23	19 41	0 51	22 59	0 8	18 58	0 38	22 16	1 12	17 5	16 14	2 0	2 20	17 36	8 35	6 21
F 15	20 25	9 2	2 1	14 45	1 36	20 19	0 13	23 58	1 23	19 39	0 51	22 59	0 8	18 58	0 38	22 16	1 12	17 5	16 14	2 0	2 21	17 36	8 35	6 22
S 16	20 37	5 14	0 55	15 26	1 26	20 36	0 10	23 54	1 23	19 37	0 51	22 59	0 7	18 58	0 39	22 16	1 12	17 5	16 15	2 0	2 22	17 37	8 34	6 22
S 17	20 48	1 4	0s16	16 8	1 16	20 52	0 8	23 49	1 23	19 34	0 51	22 58	0 7	18 59	0 39	22 16	1 12	17 5	16 15	2 0	2 24	17 37	8 34	6 22
M18	20 59	3n18	1 28	16 50	1 6	21 8	0 5	23 44	1 22	19 32	0 51	22 58	0 7	18 59	0 39	22 16	1 12	17 5	16 15	2 0	2 25	17 38	8 34	6 23
T 19	21 10	7 39	2 37	17 31	0 55	21 24	0 3	23 39	1 22	19 30	0 51	22 57	0 7	18 59	0 39	22 16	1 12	17 5	16 16	2 1	2 26	17 38	8 33	6 23
W20	21 20	11 39	3 37	18 11	0 45	21 38	0 1	23 34	1 22	19 27	0 51	22 57	0 7	18 59	0 39	22 16	1 12	17 5	16 16	2 4	2 27	17 39	8 33	6 23
T 21	21 30	14 59	4 24	18 51	0 34	21 52	0n 2	23 28	1 22	19 25	0 51	22 56	0 7	18 59	0 39	22 16	1 12	17 5	16 16	2 7	2 29	17 40	8 33	6 24
F 22	21 40	17 20	4 53	19 30	0 23	22 6	0 4	23 23	1 22	19 23	0 50	22 56	0 7	19 0	0 39	22 16	1 12	17 5	16 17	2 11	2 30	17 40	8 32	6 24
S 23	21 49	18 27	5 1	20 8	0 12	22 19	0 6	23 17	1 21	19 20	0 50	22 55	0 7	19 0	0 39	22 16	1 12	17 5	16 17	2 15	2 31	17 41	8 32	6 25
S 24	21 58	18 14	4 48	20 44	0 1	22 31	0 9	23 11	1 21	19 18	0 50	22 55	0 7	19 0	0 39	22 16	1 12	17 5	16 18	2 18	2 32	17 41	8 32	6 25
M25	22 6	16 47	4 16	21 19	0n 9	22 43	0 11	23 5	1 21	19 15	0 50	22 54	0 7	19 0	0 39	22 16	1 12	17 5	16 18	2 22	2 34	17 42	8 32	6 25
T 26	22 14	14 18	3 28	21 52	0 20	22 54	0 14	22 59	1 21	19 13	0 50	22 54	0 7	19 1	0 39	22 16	1 12	17 5	16 18	2 24	2 35	17 43	8 31	6 26
W27	22 22	11 3	2 29	22 24	0 30	23 4	0 16	22 53	1 20	19 10	0 50	22 53	0 6	19 1	0 39	22 16	1 12	17 6	16 19	2 25	2 36	17 43	8 31	6 26
T 28	22 29	7 19	1 23	22 53	0 40	23 14	0 18	22 46	1 20	19 7	0 50	22 53	0 6	19 1	0 39	22 16	1 12	17 6	16 19	2 25	2 37	17 44	8 31	6 26
F 29	22 36	3 21	0 16	23 19	0 50	23 23	0 21	22 39	1 20	19 5	0 50	22 52	0 6	19 2	0 39	22 16	1 12	17 6	16 19	2 25	2 39	17 44	8 31	6 27
S 30	22 42	0s41	0n51	23 44	0 59	23 31	0 23	22 33	1 20	19 2	0 50	22 52	0 6	19 2	0 39	22 16	1 12	17 6	16 20	2 25	2 40	17 45	8 31	6 27
S 31	22n49	4s35	1n54	24n 5	1n 7	23n39	0n25	22n26	1n20	19n 0	0n50	22n51	0s 6	19s 2	0s39	22s15	1n12	17s 6	16s20	2n26	2n41	17s45	8s31	6n27

Julian Day Number = 2205864.5, Delta T = 09m43s
Ecliptic obliquity = 23°31'27, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°21'30, Lahiri = 14°28'30 Julian Calendar 1 May 1327 == Greg. Calendar 9 May 1327

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ASTRODIENST EPHEMERIS for the year 1327
geocentric

JUNE 1327 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	17 6 48	17♊10'59	28♎14	20♊ 5	22♊19	26♋ 4	8♌44	12♋27	7°R41	25°R37	24♓35	23°R50	23♍12	16♐39	20°R42	M 1
T 2	17 10 44	18° 8'12	10♏17	22°16	23°32	26°41	8°54	12°34	7♒39	25♐35	24°35	23♍44	23° 9	16°45	20♒41	T 2
W 3	17 14 41	19° 5'24	22°13	24°25	24°46	27°18	9° 5	12°42	7°38	25°34	24°36	23°34	23° 6	16°52	20°40	W 3
T 4	17 18 38	20° 2'36	4♐ 7	26°33	26° 0	27°55	9°15	12°49	7°37	25°32	24°36	23°23	23° 3	16°59	20°39	T 4
F 5	17 22 34	20°59'47	15°59	28°40	27°13	28°32	9°26	12°56	7°35	25°30	24°36	23° 9	22°59	17° 6	20°38	F 5
S 6	17 26 31	21°56'58	27°52	0♋45	28°27	29° 8	9°36	13° 4	7°34	25°29	24°36	22°56	22°56	17°12	20°37	S 6
S 7	17 30 27	22°54'08	9♑47	2°49	29°41	29°45	9°47	13°11	7°32	25°27	24°37	22°42	22°53	17°19	20°36	S 7
M 8	17 34 24	23°51'18	21°45	4°51	0♋54	0♌22	9°58	13°19	7°31	25°25	24°37	22°31	22°50	17°26	20°34	M 8
T 9	17 38 20	24°48'29	3♒49	6°51	2° 8	0°59	10° 9	13°26	7°29	25°24	24°37	22°21	22°47	17°33	20°33	T 9
W10	17 42 17	25°45'39	15°59	8°49	3°22	1°36	10°20	13°34	7°28	25°22	24°37	22°15	22°44	17°39	20°32	W10
T 11	17 46 13	26°42'49	28°21	10°45	4°35	2°13	10°31	13°41	7°26	25°21	24°37	22°11	22°40	17°46	20°30	T 11
F 12	17 50 10	27°39'59	10♓56	12°39	5°49	2°50	10°42	13°49	7°25	25°19	24°38	22° 9	22°37	17°53	20°29	F 12
S 13	17 54 7	28°37'09	23°49	14°31	7° 3	3°27	10°53	13°57	7°23	25°17	24°38	22° 9	22°34	17°59	20°27	S 13
S 14	17 58 3	29°34'20	7♈ 4	16°21	8°16	4° 4	11° 4	14° 4	7°21	25°16	24°38	22° 9	22°31	18° 6	20°26	S 14
M15	18 2 0	0♋31'30	20°44	18° 9	9°30	4°41	11°15	14°12	7°19	25°14	24°38	22° 8	22°28	18°13	20°24	M15
T 16	18 5 56	1°28'41	4♉52	19°55	10°44	5°18	11°27	14°19	7°18	25°13	24°38	22° 5	22°25	18°20	20°23	T 16
W17	18 9 53	2°25'53	19°25	21°38	11°58	5°55	11°38	14°27	7°16	25°11	24°R38	21°59	22°21	18°26	20°21	W17
T 18	18 13 49	3°23'04	4♊21	23°20	13°11	6°32	11°50	14°35	7°14	25° 9	24°38	21°51	22°18	18°33	20°19	T 18
F 19	18 17 46	4°20'16	19°32	25° 0	14°25	7° 9	12° 1	14°42	7°12	25° 8	24°38	21°42	22°15	18°40	20°17	F 19
S 20	18 21 42	5°17'28	4♋48	26°37	15°39	7°46	12°13	14°50	7°10	25° 6	24°38	21°31	22°12	18°46	20°15	S 20
S 21	18 25 39	6°14'41	19°58	28°12	16°52	8°24	12°24	14°58	7° 8	25° 5	24°38	21°21	22° 9	18°53	20°13	S 21
M22	18 29 36	7°11'53	4♌52	29°46	18° 6	9° 1	12°36	15° 6	7° 6	25° 3	24°38	21°13	22° 5	19° 0	20°12	M22
T 23	18 33 32	8° 9'05	19°21	1♌17	19°20	9°38	12°48	15°13	7° 4	25° 1	24°37	21° 7	22° 2	19° 7	20° 9	T 23
W24	18 37 29	9° 6'17	3♍23	2°46	20°33	10°15	13° 0	15°21	7° 2	25° 0	24°37	21° 4	21°59	19°13	20° 7	W24
T 25	18 41 25	10° 3'30	16°55	4°12	21°47	10°52	13°12	15°29	7° 0	24°58	24°37	21°D 3	21°56	19°20	20° 5	T 25
F 26	18 45 22	11° 0'42	29°59	5°37	23° 1	11°30	13°24	15°37	6°58	24°57	24°37	21° 3	21°53	19°27	20° 3	F 26
S 27	18 49 18	11°57'54	12♎41	6°59	24°15	12° 7	13°36	15°44	6°56	24°55	24°37	21°R 3	21°50	19°34	20° 1	S 27
S 28	18 53 15	12°55'07	25° 4	8°20	25°28	12°44	13°48	15°52	6°54	24°54	24°37	21° 3	21°46	19°40	19°59	S 28
M29	18 57 11	13°52'19	7♏13	9°37	26°42	13°22	14° 0	16° 0	6°52	24°52	24°36	21° 0	21°43	19°47	19°56	M29
T 30	19 1 8	14♋49'32	19♏12	10♌53	27♋56	13♌59	14♌12	16♋ 8	6♒50	24♐51	24♓36	20♍55	21♍40	19♐54	19♒54	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	22n54	8s14	2n51	24n24	1n15	23n45	0n28	22n18	1n19	18n57	0n50	22n50	0s 6	19s 3	0s39	22s15	1n12	17s 6	16s20	2n27	2n42	17s46	8s31	6n28
T 2	23 0	11 29	3 39	24 40	1 22	23 52	0 30	22 11	1 19	18 54	0 50	22 50	0 6	19 3	0 39	22 15	1 12	17 7	16 21	2 30	2 44	17 46	8 31	6 28
W 3	23 4	14 15	4 17	24 53	1 29	23 57	0 32	22 4	1 19	18 51	0 50	22 49	0 6	19 3	0 39	22 15	1 12	17 7	16 21	2 34	2 45	17 47	8 31	6 28
T 4	23 9	16 24	4 43	25 4	1 35	24 2	0 34	21 56	1 19	18 48	0 50	22 49	0 6	19 4	0 39	22 15	1 12	17 7	16 22	2 38	2 46	17 47	8 31	6 29
F 5	23 13	17 51	4 57	25 11	1 40	24 6	0 36	21 48	1 18	18 46	0 50	22 48	0 6	19 4	0 39	22 15	1 12	17 7	16 22	2 44	2 47	17 48	8 31	6 29
S 6	23 17	18 32	4 58	25 16	1 45	24 10	0 39	21 41	1 18	18 43	0 50	22 47	0 5	19 5	0 39	22 15	1 12	17 7	16 22	2 49	2 49	17 49	8 31	6 29
S 7	23 20	18 24	4 47	25 18	1 48	24 12	0 41	21 33	1 18	18 40	0 50	22 47	0 5	19 5	0 39	22 15	1 12	17 8	16 23	2 54	2 50	17 49	8 31	6 30
M 8	23 23	17 27	4 22	25 17	1 51	24 14	0 43	21 24	1 18	18 37	0 50	22 46	0 5	19 5	0 39	22 15	1 12	17 8	16 23	2 59	2 51	17 50	8 31	6 30
T 9	23 25	15 43	3 46	25 14	1 54	24 15	0 45	21 16	1 17	18 34	0 50	22 45	0 5	19 6	0 39	22 15	1 12	17 8	16 23	3 3	2 53	17 50	8 31	6 30
W10	23 27	13 15	2 59	25 9	1 55	24 16	0 47	21 8	1 17	18 31	0 50	22 45	0 5	19 6	0 39	22 15	1 12	17 8	16 24	3 5	2 54	17 51	8 31	6 31
T 11	23 29	10 11	2 2	25 1	1 56	24 16	0 49	20 59	1 17	18 28	0 50	22 44	0 5	19 7	0 39	22 15	1 12	17 9	16 24	3 7	2 55	17 51	8 31	6 31
F 12	23 30	6 35	0 59	24 51	1 56	24 15	0 51	20 50	1 17	18 25	0 50	22 43	0 5	19 7	0 39	22 15	1 12	17 9	16 25	3 7	2 56	17 52	8 31	6 31
S 13	23 31	2 36	0s 9	24 39	1 56	24 13	0 53	20 41	1 16	18 22	0 50	22 43	0 5	19 8	0 39	22 15	1 12	17 9	16 25	3 7	2 58	17 52	8 32	6 32
S 14	23 31	1n37	1 18	24 25	1 55	24 11	0 55	20 32	1 16	18 19	0 50	22 42	0 5	19 8	0 39	22 15	1 12	17 10	16 25	3 8	2 59	17 53	8 32	6 32
M15	23 31	5 53	2 25	24 9	1 53	24 8	0 57	20 23	1 16	18 16	0 50	22 41	0 5	19 8	0 39	22 15	1 12	17 10	16 26	3 8	3 0	17 53	8 32	6 32
T 16	23 31	9 58	3 25	23 51	1 50	24 4	0 59	20 14	1 15	18 12	0 50	22 41	0 5	19 9	0 39	22 15	1 12	17 10	16 26	3 9	3 1	17 54	8 32	6 32
W17	23 30	13 34	4 14	23 32	1 47	23 59	1 1	20 4	1 15	18 9	0 50	22 40	0 4	19 9	0 39	22 15	1 12	17 11	16 26	3 11	3 3	17 54	8 32	6 33
T 18	23 29	16 23	4 47	23 12	1 43	23 54	1 2	19 55	1 15	18 6	0 50	22 39	0 4	19 10	0 40	22 15	1 12	17 11	16 27	3 15	3 4	17 55	8 33	6 33
F 19	23 27	18 7	5 1	22 50	1 39	23 48	1 4	19 45	1 15	18 3	0 50	22 38	0 4	19 10	0 40	22 15	1 11	17 11	16 27	3 18	3 5	17 55	8 33	6 33
S 20	23 25	18 33	4 53	22 27	1 34	23 42	1 6	19 35	1 14	17 59	0 50	22 38	0 4	19 11	0 40	22 15	1 11	17 12	16 28	3 23	3 6	17 56	8 33	6 34
S 21	23 23	17 40	4 25	22 3	1 29	23 34	1 7	19 25	1 14	17 56	0 50	22 37	0 4	19 11	0 40	22 14	1 11	17 12	16 28	3 26	3 8	17 56	8 34	6 34
M22	23 20	15 34	3 39	21 37	1 23	23 26	1 9	19 15	1 14	17 53	0 50	22 36	0 4	19 12	0 40	22 14	1 11	17 12	16 28	3 30	3 9	17 57	8 34	6 34
T 23	23 16	12 32	2 40	21 11	1 16	23 17	1 11	19 5	1 14	17 49	0 50	22 35	0 4	19 12	0 40	22 14	1 11	17 13	16 29	3 32	3 10	17 57	8 34	6 34
W24	23 13	8 52	1 32	20 44	1 10	23 8	1 12	18 55	1 13	17 46	0 50	22 34	0 4	19 13	0 40	22 14	1 11	17 13	16 29	3 33	3 11	17 58	8 35	6 35
T 25	23 8	4 51	0 22	20 17	1 2	22 58	1 13	18 44	1 13	17 43	0 50	22 34	0 4	19 14	0 40	22 14	1 11	17 14	16 29	3 34	3 13	17 58	8 35	6 35
F 26	23 4	0 44	0n47	19 49	0 54	22 47	1 15	18 33	1 13	17 39	0 50	22 33	0 4	19 14	0 40	22 14	1 11	17 14	16 30	3 34	3 14	17 59	8 36	6 35
S 27	22 59	3s18	1 52	19 20	0 46	22 36	1 16	18 23	1 12	17 36	0 50	22 32	0 4	19 15	0 40	22 14	1 11	17 14	16 30	3 33	3 15	17 59	8 36	6 35
S 28	22 54	7 6	2 50	18 51	0 37	22 23	1 18	18 12	1 12	17 32	0 50	22 31	0 3	19 15	0 40	22 14	1 11	17 15	16 30	3 34	3 16	18 0	8 37	6 36
M29	22 48	10 30	3 40	18 21	0 28	22 11	1 19	18 1	1 12	17 29	0 50	22 30	0 3	19 16	0 40	22 14	1 11	17 15	16 31	3 35	3 18	18 0	8 37	6 36
T 30	22n42	13s27	4n18	17n52	0n19	21n57	1n20	17n50	1n12	17n25	0n50	22n29	0s 3	19s16	0s40	22s14	1n11	17s16	16s31	3n37	3n19	18s 1	8s38	6n36

Julian Day Number = 2205895.5, Delta T = 09m42s
Ecliptic obliquity = 23°31'26, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°21'34, Lahiri = 14°28'34 Julian Calendar 1 June 1327 == Greg. Calendar 9 June 1327

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ASTRODIENST EPHEMERIS for the year 1327
geocentric

JULY 1327 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	19 5 5	15♋46'45	1♐ 6	12♌ 6	29♋ 9	14♌36	14♌24	16♋16	6°R48	24°R49	24°R36	20°R48	21♍37	20♐ 0	19°R52	W 1
T 2	19 9 1	16°43'58	12°58	13°16	0♌23	15°14	14°36	16°23	6♒46	24♐48	24♓35	20♍39	21°34	20° 7	19♒49	T 2
F 3	19 12 58	17°41'12	24°51	14°24	1°37	15°51	14°49	16°31	6°43	24°46	24°35	20°28	21°31	20°14	19°47	F 3
S 4	19 16 54	18°38'26	6♑46	15°30	2°50	16°29	15° 1	16°39	6°41	24°45	24°35	20°16	21°27	20°21	19°44	S 4
S 5	19 20 51	19°35'41	18°46	16°32	4° 4	17° 6	15°13	16°47	6°39	24°43	24°34	20° 5	21°24	20°27	19°42	S 5
M 6	19 24 47	20°32'57	0♒53	17°32	5°18	17°43	15°26	16°55	6°37	24°42	24°34	19°55	21°21	20°34	19°39	M 6
T 7	19 28 44	21°30'13	13° 6	18°29	6°31	18°21	15°38	17° 2	6°34	24°40	24°34	19°48	21°18	20°41	19°37	T 7
W 8	19 32 40	22°27'30	25°27	19°23	7°45	18°58	15°51	17°10	6°32	24°39	24°33	19°43	21°15	20°48	19°34	W 8
T 9	19 36 37	23°24'47	7♓59	20°14	8°59	19°36	16° 3	17°18	6°30	24°38	24°33	19°40	21°11	20°54	19°32	T 9
F 10	19 40 34	24°22'06	20°43	21° 1	10°12	20°14	16°16	17°26	6°27	24°36	24°32	19°D39	21° 8	21° 1	19°29	F 10
S 11	19 44 30	25°19'25	3♈43	21°45	11°26	20°51	16°28	17°33	6°25	24°35	24°32	19°40	21° 5	21° 8	19°26	S 11
S 12	19 48 27	26°16'46	17° 0	22°25	12°40	21°29	16°41	17°41	6°23	24°34	24°31	19°41	21° 2	21°14	19°23	S 12
M13	19 52 23	27°14'08	0♉37	23° 2	13°53	22° 6	16°54	17°49	6°20	24°32	24°31	19°R41	20°59	21°21	19°21	M13
T 14	19 56 20	28°11'31	14°35	23°34	15° 7	22°44	17° 6	17°57	6°18	24°31	24°30	19°40	20°56	21°28	19°18	T 14
W15	20 0 16	29° 8'55	28°56	24° 2	16°21	23°22	17°19	18° 4	6°16	24°30	24°29	19°37	20°52	21°35	19°15	W15
T 16	20 4 13	0♌ 6'20	13♊35	24°26	17°34	23°59	17°32	18°12	6°13	24°29	24°29	19°32	20°49	21°41	19°12	T 16
F 17	20 8 9	1° 3'47	28°28	24°46	18°48	24°37	17°44	18°20	6°11	24°27	24°28	19°25	20°46	21°48	19° 9	F 17
S 18	20 12 6	2° 1'15	13♋28	25° 0	20° 1	25°15	17°57	18°27	6° 8	24°26	24°28	19°18	20°43	21°55	19° 7	S 18
S 19	20 16 3	2°58'44	28°25	25°10	21°15	25°53	18°10	18°35	6° 6	24°25	24°27	19°11	20°40	22° 1	19° 4	S 19
M20	20 19 59	3°56'14	13♌10	25°R15	22°29	26°31	18°23	18°43	6° 4	24°24	24°26	19° 6	20°36	22° 8	19° 1	M20
T 21	20 23 56	4°53'45	27°35	25°14	23°42	27° 8	18°36	18°50	6° 1	24°23	24°26	19° 2	20°33	22°15	18°58	T 21
W22	20 27 52	5°51'17	11♍37	25° 9	24°56	27°46	18°49	18°58	5°59	24°22	24°25	19° 0	20°30	22°22	18°55	W22
T 23	20 31 49	6°48'50	25°12	24°58	26°10	28°24	19° 2	19° 5	5°56	24°20	24°24	19°D 0	20°27	22°28	18°52	T 23
F 24	20 35 45	7°46'23	8♎21	24°41	27°23	29° 2	19°14	19°13	5°54	24°19	24°23	19° 1	20°24	22°35	18°49	F 24
S 25	20 39 42	8°43'58	21° 6	24°19	28°37	29°40	19°27	19°20	5°52	24°18	24°23	19° 3	20°21	22°42	18°46	S 25
S 26	20 43 38	9°41'34	3♏32	23°52	29°50	0♍18	19°40	19°28	5°49	24°17	24°22	19° 4	20°17	22°49	18°43	S 26
M27	20 47 35	10°39'10	15°42	23°19	1♍ 4	0°56	19°53	19°35	5°47	24°16	24°21	19°R 4	20°14	22°55	18°40	M27
T 28	20 51 32	11°36'48	27°42	22°43	2°18	1°34	20° 6	19°43	5°44	24°15	24°20	19° 2	20°11	23° 2	18°37	T 28
W29	20 55 28	12°34'27	9♐36	22° 1	3°31	2°12	20°19	19°50	5°42	24°14	24°19	18°59	20° 8	23° 9	18°34	W29
T 30	20 59 25	13°32'07	21°28	21°16	4°45	2°50	20°32	19°57	5°40	24°13	24°19	18°55	20° 5	23°15	18°31	T 30
F 31	21 3 21	14♌29'48	3♑23	20♌28	5♍58	3♍28	20♌45	20♋ 5	5♒37	24♐13	24♓18	18♍49	20♍ 2	23♐22	18♒28	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	22n35	15s48	4n45	17n22	0n 9	21n43	1n21	17n39	1n11	17n22	0n50	22n29	0s 3	19s17	0s40	22s14	1n11	17s16	16s32	3n40	3n20	18s 1	8s38	6n36
T 2	22 28	17 28	5 0	16 52	0s 2	21 29	1 22	17 27	1 11	17 18	0 50	22 28	0 3	19 17	0 40	22 14	1 11	17 17	16 32	3 43	3 21	18 1	8 39	6 36
F 3	22 21	18 24	5 2	16 22	0 12	21 13	1 23	17 16	1 11	17 14	0 50	22 27	0 3	19 18	0 40	22 14	1 11	17 17	16 32	3 48	3 23	18 2	8 39	6 37
S 4	22 13	18 31	4 51	15 53	0 23	20 57	1 24	17 4	1 10	17 11	0 50	22 26	0 3	19 19	0 40	22 14	1 11	17 17	16 33	3 52	3 24	18 2	8 40	6 37
S 5	22 5	17 48	4 26	15 23	0 34	20 41	1 25	16 53	1 10	17 7	0 50	22 25	0 3	19 19	0 40	22 14	1 11	17 18	16 33	3 56	3 25	18 3	8 40	6 37
M 6	21 57	16 17	3 50	14 54	0 46	20 24	1 26	16 41	1 10	17 4	0 50	22 24	0 3	19 20	0 40	22 14	1 11	17 18	16 33	4 0	3 26	18 3	8 41	6 37
T 7	21 48	14 2	3 2	14 26	0 57	20 6	1 26	16 29	1 9	17 0	0 50	22 23	0 3	19 20	0 40	22 14	1 11	17 19	16 34	4 3	3 28	18 4	8 42	6 37
W 8	21 39	11 6	2 6	13 58	1 9	19 48	1 27	16 17	1 9	16 56	0 50	22 22	0 3	19 21	0 40	22 14	1 11	17 19	16 34	4 5	3 29	18 4	8 42	6 37
T 9	21 29	7 39	1 2	13 30	1 22	19 29	1 28	16 5	1 9	16 52	0 50	22 22	0 3	19 22	0 40	22 14	1 11	17 20	16 34	4 6	3 30	18 5	8 43	6 38
F 10	21 19	3 47	0s 6	13 4	1 34	19 10	1 28	15 53	1 8	16 49	0 50	22 21	0 2	19 22	0 40	22 14	1 11	17 20	16 35	4 7	3 32	18 5	8 44	6 38
S 11	21 9	0n20	1 15	12 38	1 46	18 50	1 29	15 40	1 8	16 45	0 50	22 20	0 2	19 23	0 40	22 14	1 11	17 21	16 35	4 6	3 33	18 5	8 44	6 38
S 12	20 58	4 31	2 21	12 13	1 59	18 30	1 29	15 28	1 8	16 41	0 50	22 19	0 2	19 23	0 40	22 14	1 11	17 21	16 35	4 6	3 34	18 6	8 45	6 38
M13	20 47	8 34	3 22	11 49	2 12	18 9	1 30	15 15	1 8	16 37	0 50	22 18	0 2	19 24	0 40	22 14	1 11	17 22	16 36	4 6	3 35	18 6	8 46	6 38
T 14	20 36	12 16	4 12	11 26	2 24	17 47	1 30	15 3	1 7	16 33	0 50	22 17	0 2	19 25	0 40	22 14	1 11	17 22	16 36	4 6	3 37	18 7	8 46	6 38
W15	20 24	15 19	4 48	11 5	2 37	17 26	1 30	14 50	1 7	16 30	0 50	22 16	0 2	19 25	0 40	22 14	1 11	17 23	16 36	4 8	3 38	18 7	8 47	6 38
T 16	20 12	17 27	5 6	10 45	2 50	17 3	1 30	14 37	1 7	16 26	0 50	22 15	0 2	19 26	0 40	22 14	1 11	17 23	16 37	4 10	3 39	18 8	8 48	6 39
F 17	20 0	18 27	5 3	10 27	3 2	16 40	1 30	14 24	1 6	16 22	0 50	22 14	0 2	19 26	0 40	22 14	1 11	17 24	16 37	4 12	3 40	18 8	8 49	6 39
S 18	19 47	18 11	4 41	10 11	3 14	16 17	1 30	14 11	1 6	16 18	0 50	22 13	0 2	19 27	0 40	22 14	1 11	17 24	16 37	4 15	3 42	18 8	8 50	6 39
S 19	19 34	16 39	3 59	9 56	3 26	15 53	1 30	13 58	1 6	16 14	0 50	22 12	0 2	19 28	0 40	22 14	1 11	17 25	16 38	4 18	3 43	18 9	8 50	6 39
M20	19 20	14 2	3 1	9 44	3 38	15 29	1 30	13 45	1 5	16 10	0 50	22 11	0 2	19 28	0 40	22 14	1 11	17 26	16 38	4 20	3 44	18 9	8 51	6 39
T 21	19 7	10 35	1 53	9 34	3 49	15 5	1 30	13 31	1 5	16 6	0 50	22 10	0 1	19 29	0 40	22 14	1 11	17 26	16 38	4 21	3 45	18 10	8 52	6 39
W22	18 52	6 37	0 40	9 26	3 59	14 40	1 30	13 18	1 5	16 2	0 50	22 9	0 1	19 29	0 40	22 14	1 11	17 27	16 38	4 22	3 47	18 10	8 53	6 39
T 23	18 38	2 26	0n34	9 20	4 9	14 15	1 29	13 4	1 4	15 58	0 50	22 8	0 1	19 30	0 40	22 14	1 11	17 27	16 39	4 22	3 48	18 11	8 54	6 39
F 24	18 23	1s45	1 43	9 17	4 18	13 49	1 29	12 51	1 4	15 54	0 50	22 7	0 1	19 31	0 40	22 14	1 11	17 28	16 39	4 22	3 49	18 11	8 54	6 39
S 25	18 8	5 42	2 45	9 17	4 25	13 23	1 29	12 37	1 4	15 50	0 50	22 6	0 1	19 31	0 40	22 14	1 11	17 28	16 39	4 21	3 50	18 11	8 55	6 39
S 26	17 53	9 19	3 38	9 20	4 32	12 56	1 28	12 23	1 3	15 46	0 50	22 5	0 1	19 32	0 40	22 14	1 10	17 29	16 40	4 21	3 52	18 12	8 56	6 39
M27	17 38	12 27	4 20	9 25	4 38	12 30	1 27	12 10	1 3	15 42	0 50	22 4	0 1	19 32	0 40	22 14	1 10	17 29	16 40	4 21	3 53	18 12	8 57	6 39
T 28	17 22	15 1	4 50	9 33	4 42	12 3	1 27	11 56	1 2	15 38	0 50	22 3	0 1	19 33	0 40	22 14	1 10	17 30	16 40	4 21	3 54	18 12	8 58	6 39
W29	17 6	16 55	5 7	9 44	4 44	11 35	1 26	11 42	1 2	15 34	0 50	22 2	0 1	19 34	0 40	22 14	1 10	17 31	16 40	4 22	3 55	18 13	8 59	6 39
T 30	16 49	18 5	5 11	9 58	4 45	11 7	1 25	11 28	1 2	15 30	0 51	22 1	0 1	19 34	0 40	22 14	1 10	17 31	16 41	4 24	3 57	18 13	9 0	6 39
F 31	16n32	18s28	5n 1	10n14	4s44	10n39	1n24	11n13	1n 1	15n25	0n51	22n 0	0s 1	19s35	0s40	22s14	1n10	17s32	16s41	4n26	3n58	18s14	9s 1	6n39

Julian Day Number = 2205925.5, Delta T = 09m42s
Ecliptic obliquity = 23°31'26, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°21'38, Lahiri = 14°28'38 Julian Calendar 1 July 1327 == Greg. Calendar 9 July 1327

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ASTRODIENST EPHEMERIS for the year 1327
geocentric

AUGUST 1327 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	21 7 18	15♌27'30	15♉23	19°R38	7♍12	4♍ 6	20♌58	20♋12	5°R35	24°R12	24°R17	18°R44	19♍58	23♐29	18°R24	S 1
S 2	21 11 14	16°25'13	27°30	18♌46	8°25	4°44	21°11	20°19	5♒33	24♐11	24♓16	18♍38	19°55	23°36	18♒21	S 2
M 3	21 15 11	17°22'58	9♒46	17°53	9°39	5°23	21°25	20°27	5°30	24°10	24°15	18°33	19°52	23°42	18°18	M 3
T 4	21 19 7	18°20'44	22°13	17° 2	10°52	6° 1	21°38	20°34	5°28	24° 9	24°14	18°29	19°49	23°49	18°15	T 4
W 5	21 23 4	19°18'32	4♓51	16°12	12° 6	6°39	21°51	20°41	5°26	24° 8	24°13	18°27	19°46	23°56	18°12	W 5
T 6	21 27 1	20°16'21	17°40	15°24	13°19	7°17	22° 4	20°48	5°23	24° 8	24°12	18°D26	19°42	24° 3	18° 9	T 6
F 7	21 30 57	21°14'11	0♈43	14°41	14°33	7°56	22°17	20°55	5°21	24° 7	24°11	18°27	19°39	24° 9	18° 6	F 7
S 8	21 34 54	22°12'04	13°58	14° 2	15°46	8°34	22°30	21° 2	5°19	24° 6	24°10	18°28	19°36	24°16	18° 3	S 8
S 9	21 38 50	23° 9'58	27°27	13°28	17° 0	9°12	22°43	21° 9	5°17	24° 6	24° 9	18°30	19°33	24°23	18° 0	S 9
M10	21 42 47	24° 7'54	11♉10	13° 2	18°13	9°51	22°56	21°16	5°14	24° 5	24° 8	18°31	19°30	24°29	17°57	M10
T 11	21 46 43	25° 5'52	25° 8	12°42	19°26	10°29	23° 9	21°23	5°12	24° 4	24° 7	18°R31	19°27	24°36	17°54	T 11
W12	21 50 40	26° 3'52	9♊19	12°29	20°40	11° 7	23°22	21°30	5°10	24° 4	24° 6	18°31	19°23	24°43	17°51	W12
T 13	21 54 36	27° 1'54	23°41	12°D25	21°53	11°46	23°35	21°37	5° 8	24° 3	24° 5	18°29	19°20	24°50	17°48	T 13
F 14	21 58 33	27°59'58	8♋12	12°29	23° 7	12°24	23°48	21°44	5° 6	24° 3	24° 4	18°27	19°17	24°56	17°45	F 14
S 15	22 2 30	28°58'04	22°46	12°41	24°20	13° 3	24° 1	21°51	5° 3	24° 2	24° 3	18°24	19°14	25° 3	17°42	S 15
S 16	22 6 26	29°56'12	7♌18	13° 2	25°33	13°42	24°14	21°57	5° 1	24° 2	24° 2	18°22	19°11	25°10	17°39	S 16
M17	22 10 23	0♍54'21	21°42	13°31	26°47	14°20	24°27	22° 4	4°59	24° 2	24° 1	18°20	19° 8	25°16	17°36	M17
T 18	22 14 19	1°52'33	5♍51	14° 9	28° 0	14°59	24°40	22°11	4°57	24° 1	24° 0	18°19	19° 4	25°23	17°33	T 18
W19	22 18 16	2°50'46	19°41	14°54	29°13	15°37	24°53	22°17	4°55	24° 1	23°59	18°D19	19° 1	25°30	17°30	W19
T 20	22 22 12	3°49'00	3♎11	15°48	0♎27	16°16	25° 6	22°24	4°53	24° 1	23°58	18°19	18°58	25°37	17°27	T 20
F 21	22 26 9	4°47'17	16°18	16°48	1°40	16°55	25°19	22°30	4°51	24° 0	23°57	18°20	18°55	25°43	17°24	F 21
S 22	22 30 5	5°45'35	29° 5	17°56	2°53	17°34	25°32	22°37	4°49	24° 0	23°56	18°21	18°52	25°50	17°21	S 22
S 23	22 34 2	6°43'54	11♏33	19°10	4° 6	18°12	25°45	22°43	4°47	24° 0	23°54	18°22	18°48	25°57	17°19	S 23
M24	22 37 58	7°42'16	23°45	20°30	5°20	18°51	25°58	22°49	4°45	24° 0	23°53	18°23	18°45	26° 4	17°16	M24
T 25	22 41 55	8°40'39	5♐47	21°55	6°33	19°30	26°11	22°56	4°44	23°59	23°52	18°R23	18°42	26°10	17°13	T 25
W26	22 45 52	9°39'03	17°42	23°25	7°46	20° 9	26°24	23° 2	4°42	23°59	23°51	18°23	18°39	26°17	17°10	W26
T 27	22 49 48	10°37'29	29°35	25° 0	8°59	20°48	26°37	23° 8	4°40	23°59	23°50	18°23	18°36	26°24	17° 7	T 27
F 28	22 53 45	11°35'57	11♑31	26°38	10°12	21°27	26°50	23°14	4°38	23°59	23°49	18°22	18°33	26°30	17° 5	F 28
S 29	22 57 41	12°34'26	23°33	28°19	11°26	22° 6	27° 3	23°20	4°36	23°D59	23°48	18°21	18°29	26°37	17° 2	S 29
S 30	23 1 38	13°32'58	5♒45	0♍ 3	12°39	22°45	27°15	23°26	4°35	23°59	23°46	18°20	18°26	26°44	16°59	S 30
M31	23 5 34	14♍31'31	18♒11	1♍49	13♎52	23♍24	27♌28	23♋32	4♒33	23♐59	23♓45	18♍20	18♍23	26♐51	16♒57	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	16n15	18s 2	4n38	10n32	4s41	10n11	1n23	10n59	1n 1	15n21	0n51	21n59	0s 1	19s35	0s40	22s14	1n10	17s32	16s41	4n29	3n59	18s14	9s 2	6n39
S 2	15 58	16 46	4 3	10 52	4 36	9 43	1 22	10 45	1 1	15 17	0 51	21 58	0 0	19 36	0 40	22 14	1 10	17 33	16 41	4 31	4 0	18 14	9 3	6 39
M 3	15 41	14 43	3 16	11 15	4 30	9 14	1 21	10 30	1 0	15 13	0 51	21 57	0 0	19 36	0 40	22 14	1 10	17 33	16 42	4 33	4 2	18 15	9 4	6 39
T 4	15 23	11 58	2 19	11 38	4 21	8 45	1 20	10 16	1 0	15 9	0 51	21 56	0 0	19 37	0 40	22 14	1 10	17 34	16 42	4 34	4 3	18 15	9 5	6 39
W 5	15 5	8 37	1 14	12 3	4 11	8 16	1 19	10 1	1 0	15 5	0 51	21 55	0 0	19 38	0 40	22 14	1 10	17 35	16 42	4 35	4 4	18 15	9 6	6 39
T 6	14 47	4 49	0 4	12 28	3 59	7 46	1 17	9 47	0 59	15 0	0 51	21 54	0 0	19 38	0 40	22 14	1 10	17 35	16 42	4 35	4 5	18 16	9 6	6 39
F 7	14 28	0 44	1s 7	12 54	3 45	7 17	1 16	9 32	0 59	14 56	0 51	21 53	0n 0	19 39	0 40	22 14	1 10	17 36	16 43	4 35	4 7	18 16	9 7	6 39
S 8	14 10	3n27	2 16	13 19	3 30	6 47	1 15	9 17	0 59	14 52	0 51	21 52	0 0	19 39	0 40	22 14	1 10	17 36	16 43	4 35	4 8	18 17	9 8	6 39
S 9	13 51	7 31	3 18	13 44	3 14	6 17	1 13	9 3	0 58	14 48	0 51	21 51	0 0	19 40	0 40	22 14	1 10	17 37	16 43	4 34	4 9	18 17	9 9	6 39
M10	13 31	11 16	4 10	14 8	2 57	5 46	1 12	8 48	0 58	14 44	0 51	21 50	0 0	19 40	0 40	22 14	1 10	17 38	16 43	4 34	4 10	18 17	9 10	6 39
T 11	13 12	14 26	4 49	14 30	2 40	5 16	1 10	8 33	0 57	14 39	0 51	21 49	0 0	19 41	0 40	22 14	1 10	17 38	16 43	4 33	4 12	18 18	9 11	6 39
W12	12 52	16 48	5 11	14 51	2 21	4 46	1 8	8 18	0 57	14 35	0 51	21 48	0 0	19 41	0 40	22 14	1 10	17 39	16 44	4 34	4 13	18 18	9 12	6 39
T 13	12 33	18 9	5 13	15 10	2 3	4 15	1 7	8 3	0 57	14 31	0 51	21 47	0 1	19 42	0 40	22 14	1 10	17 39	16 44	4 34	4 14	18 18	9 13	6 38
F 14	12 13	18 20	4 56	15 27	1 44	3 44	1 5	7 48	0 56	14 26	0 51	21 46	0 1	19 42	0 40	22 14	1 10	17 40	16 44	4 35	4 15	18 19	9 14	6 38
S 15	11 52	17 19	4 20	15 41	1 26	3 13	1 3	7 33	0 56	14 22	0 51	21 45	0 1	19 43	0 40	22 14	1 10	17 40	16 44	4 36	4 17	18 19	9 15	6 38
S 16	11 32	15 10	3 27	15 53	1 8	2 42	1 1	7 17	0 56	14 18	0 52	21 44	0 1	19 43	0 40	22 14	1 10	17 41	16 44	4 37	4 18	18 19	9 16	6 38
M17	11 11	12 5	2 22	16 1	0 50	2 11	0 59	7 2	0 55	14 14	0 52	21 43	0 1	19 44	0 40	22 14	1 10	17 42	16 44	4 38	4 19	18 20	9 17	6 38
T 18	10 51	8 20	1 8	16 7	0 33	1 40	0 57	6 47	0 55	14 9	0 52	21 42	0 1	19 44	0 40	22 14	1 10	17 42	16 45	4 38	4 20	18 20	9 18	6 38
W19	10 30	4 13	0n 8	16 9	0 17	1 9	0 55	6 31	0 54	14 5	0 52	21 41	0 1	19 45	0 40	22 14	1 9	17 43	16 45	4 38	4 22	18 20	9 19	6 38
T 20	10 9	0s 2	1 21	16 8	0 1	0 38	0 53	6 16	0 54	14 1	0 52	21 41	0 1	19 45	0 40	22 14	1 9	17 43	16 45	4 38	4 23	18 21	9 21	6 37
F 21	9 47	4 9	2 29	16 4	0n13	0 6	0 50	6 0	0 54	13 56	0 52	21 40	0 1	19 46	0 40	22 14	1 9	17 44	16 45	4 38	4 24	18 21	9 22	6 37
S 22	9 26	7 58	3 27	15 57	0 27	0s25	0 48	5 45	0 53	13 52	0 52	21 39	0 1	19 46	0 40	22 14	1 9	17 44	16 45	4 37	4 25	18 21	9 23	6 37
S 23	9 4	11 19	4 14	15 46	0 40	0 56	0 46	5 29	0 53	13 48	0 52	21 38	0 1	19 47	0 40	22 14	1 9	17 45	16 45	4 37	4 27	18 22	9 24	6 37
M24	8 43	14 7	4 48	15 31	0 52	1 28	0 43	5 14	0 52	13 43	0 52	21 37	0 2	19 47	0 40	22 14	1 9	17 46	16 45	4 37	4 28	18 22	9 25	6 37
T 25	8 21	16 16	5 9	15 14	1 2	1 59	0 41	4 58	0 52	13 39	0 52	21 36	0 2	19 48	0 40	22 14	1 9	17 46	16 46	4 37	4 29	18 22	9 26	6 37
W26	7 59	17 42	5 17	14 53	1 12	2 30	0 38	4 42	0 52	13 35	0 52	21 35	0 2	19 48	0 40	22 14	1 9	17 47	16 46	4 37	4 30	18 22	9 27	6 36
T 27	7 37	18 21	5 11	14 29	1 20	3 1	0 36	4 27	0 51	13 31	0 52	21 34	0 2	19 49	0 40	22 14	1 9	17 47	16 46	4 37	4 32	18 23	9 28	6 36
F 28	7 14	18 11	4 51	14 3	1 27	3 33	0 33	4 11	0 51	13 26	0 53	21 33	0 2	19 49	0 40	22 14	1 9	17 48	16 46	4 37	4 33	18 23	9 29	6 36
S 29	6 52	17 12	4 19	13 34	1 33	4 4	0 31	3 55	0 50	13 22	0 53	21 32	0 2	19 49	0 40	22 14	1 9	17 48	16 46	4 37	4 34	18 23	9 30	6 36
S 30	6 29	15 26	3 35	13 2	1 39	4 35	0 28	3 39	0 50	13 18	0 53	21 31	0 2	19 50	0 40	22 14	1 9	17 49	16 46	4 38	4 35	18 24	9 31	6 35
M31	6n 7	12s54	2n40	12n28	1n43	5s 6	0n25	3n23	0n50	13n13	0n53	21n30	0n 2	19s50	0s40	22s14	1n 9	17s49	16s46	4n38	4n37	18s24	9s32	6n35

Julian Day Number = 2205956.5, Delta T = 09m42s
Ecliptic obliquity = 23°31'27, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°21'42, Lahiri = 14°28'43 Julian Calendar 1 Aug. 1327 == Greg. Calendar 9 Aug. 1327

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ASTRODIENST EPHEMERIS for the year 1327
geocentric

SEPTEMBER 1327 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	23 9 31	15♍30'05	0♓51	3♍36	15♎ 5	24♍ 3	27♌41	23♋38	4°R31	23♐59	23°R44	18°R20	18♍20	26♐57	16°R54	T 1
W 2	23 13 27	16°28'42	13°47	5°25	16°18	24°42	27°54	23°43	4♒30	23°59	23♓43	18°D20	18°17	27° 4	16♒52	W 2
T 3	23 17 24	17°27'20	26°59	7°15	17°31	25°21	28° 6	23°49	4°28	24° 0	23°42	18♍20	18°13	27°11	16°49	T 3
F 4	23 21 21	18°26'01	10♈26	9° 6	18°44	26° 0	28°19	23°55	4°27	24° 0	23°40	18°R20	18°10	27°17	16°47	F 4
S 5	23 25 17	19°24'44	24° 6	10°57	19°57	26°39	28°32	24° 0	4°25	24° 0	23°39	18°20	18° 7	27°24	16°44	S 5
S 6	23 29 14	20°23'29	7♉57	12°48	21°10	27°19	28°44	24° 6	4°24	24° 0	23°38	18°19	18° 4	27°31	16°42	S 6
M 7	23 33 10	21°22'16	21°58	14°38	22°23	27°58	28°57	24°11	4°22	24° 0	23°37	18°19	18° 1	27°38	16°40	M 7
T 8	23 37 7	22°21'05	6♊ 5	16°29	23°36	28°37	29° 9	24°16	4°21	24° 1	23°36	18°19	17°58	27°44	16°37	T 8
W 9	23 41 3	23°19'57	20°17	18°20	24°49	29°17	29°22	24°22	4°20	24° 1	23°35	18°D19	17°54	27°51	16°35	W 9
T 10	23 45 0	24°18'51	4♋30	20° 9	26° 2	29°56	29°34	24°27	4°18	24° 2	23°33	18°19	17°51	27°58	16°33	T 10
F 11	23 48 56	25°17'48	18°43	21°59	27°15	0♎35	29°47	24°32	4°17	24° 2	23°32	18°19	17°48	28° 5	16°31	F 11
S 12	23 52 53	26°16'47	2♌53	23°47	28°27	1°15	29°59	24°37	4°16	24° 2	23°31	18°20	17°45	28°11	16°28	S 12
S 13	23 56 50	27°15'48	16°56	25°35	29°40	1°54	0♍11	24°42	4°15	24° 3	23°30	18°21	17°42	28°18	16°26	S 13
M14	0 0 46	28°14'52	0♍52	27°22	0♏53	2°34	0°24	24°47	4°14	24° 3	23°29	18°21	17°39	28°25	16°24	M14
T 15	0 4 43	29°13'57	14°35	29° 9	2° 6	3°13	0°36	24°51	4°13	24° 4	23°27	18°R22	17°35	28°31	16°22	T 15
W16	0 8 39	0♎13'05	28° 6	0♎54	3°19	3°53	0°48	24°56	4°12	24° 4	23°26	18°21	17°32	28°38	16°20	W16
T 17	0 12 36	1°12'15	11♎20	2°39	4°31	4°33	1° 0	25° 1	4°11	24° 5	23°25	18°21	17°29	28°45	16°18	T 17
F 18	0 16 32	2°11'26	24°18	4°23	5°44	5°12	1°12	25° 5	4°10	24° 6	23°24	18°19	17°26	28°52	16°17	F 18
S 19	0 20 29	3°10'40	7♏ 0	6° 6	6°57	5°52	1°24	25°10	4° 9	24° 6	23°23	18°17	17°23	28°58	16°15	S 19
S 20	0 24 25	4° 9'56	19°25	7°49	8°10	6°32	1°36	25°14	4° 8	24° 7	23°21	18°15	17°19	29° 5	16°13	S 20
M21	0 28 22	5° 9'14	1♐38	9°30	9°22	7°12	1°48	25°18	4° 7	24° 8	23°20	18°12	17°16	29°12	16°11	M21
T 22	0 32 18	6° 8'33	13°39	11°11	10°35	7°51	2° 0	25°23	4° 6	24° 9	23°19	18°10	17°13	29°18	16°10	T 22
W23	0 36 15	7° 7'55	25°34	12°51	11°47	8°31	2°12	25°27	4° 6	24° 9	23°18	18° 9	17°10	29°25	16° 8	W23
T 24	0 40 12	8° 7'18	7♑26	14°30	13° 0	9°11	2°24	25°31	4° 5	24°10	23°17	18°D 9	17° 7	29°32	16° 7	T 24
F 25	0 44 8	9° 6'43	19°21	16° 9	14°12	9°51	2°35	25°35	4° 5	24°11	23°16	18° 9	17° 4	29°39	16° 5	F 25
S 26	0 48 5	10° 6'10	1♒23	17°47	15°25	10°31	2°47	25°38	4° 4	24°12	23°15	18°10	17° 0	29°45	16° 4	S 26
S 27	0 52 1	11° 5'38	13°37	19°24	16°37	11°11	2°58	25°42	4° 3	24°13	23°13	18°12	16°57	29°52	16° 2	S 27
M28	0 55 58	12° 5'09	26° 6	21° 0	17°50	11°51	3°10	25°46	4° 3	24°14	23°12	18°13	16°54	29°59	16° 1	M28
T 29	0 59 54	13° 4'41	8♓54	22°36	19° 2	12°31	3°21	25°49	4° 3	24°15	23°11	18°15	16°51	0♑ 5	16° 0	T 29
W30	1 3 51	14♎ 4'15	22♓ 4	24♎11	20♏15	13♎11	3♍33	25♋53	4♒ 2	24♐16	23♓10	18°R15	16♍48	0♑12	15♒59	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	5n44	9s43	1n35	11n52	1n46	5s37	0n23	3n 7	0n49	13n 9	0n53	21n29	0n 2	19s51	0s40	22s14	1n 9	17s50	16s46	4n38	4n38	18s24	9s33	6n35
W 2	5 21	6 1	0 25	11 14	1 48	6 8	0 20	2 51	0 49	13 5	0 53	21 28	0 2	19 51	0 40	22 15	1 9	17 51	16 46	4 38	4 39	18 24	9 34	6 35
T 3	4 58	1 56	0s48	10 35	1 50	6 38	0 17	2 36	0 48	13 0	0 53	21 27	0 3	19 51	0 40	22 15	1 9	17 51	16 46	4 38	4 40	18 25	9 35	6 34
F 4	4 35	2n19	2 0	9 54	1 50	7 9	0 14	2 20	0 48	12 56	0 53	21 27	0 3	19 52	0 40	22 15	1 9	17 52	16 46	4 38	4 42	18 25	9 36	6 34
S 5	4 12	6 30	3 6	9 11	1 50	7 39	0 11	2 4	0 47	12 52	0 53	21 26	0 3	19 52	0 40	22 15	1 9	17 52	16 46	4 38	4 43	18 25	9 37	6 34
S 6	3 49	10 24	4 2	8 28	1 50	8 9	0 8	1 47	0 47	12 47	0 53	21 25	0 3	19 52	0 40	22 15	1 9	17 53	16 46	4 38	4 44	18 26	9 38	6 34
M 7	3 26	13 45	4 44	7 44	1 48	8 39	0 5	1 31	0 47	12 43	0 54	21 24	0 3	19 53	0 40	22 15	1 9	17 53	16 46	4 38	4 45	18 26	9 38	6 33
T 8	3 3	16 19	5 10	6 59	1 46	9 9	0 3	1 15	0 46	12 39	0 54	21 23	0 3	19 53	0 40	22 15	1 9	17 54	16 46	4 38	4 47	18 26	9 39	6 33
W 9	2 39	17 54	5 17	6 13	1 44	9 39	0s 0	0 59	0 46	12 35	0 54	21 22	0 3	19 53	0 40	22 15	1 8	17 54	16 46	4 38	4 48	18 26	9 40	6 33
T 10	2 16	18 23	5 4	5 27	1 41	10 9	0 4	0 43	0 45	12 30	0 54	21 22	0 3	19 53	0 40	22 15	1 8	17 55	16 46	4 38	4 49	18 27	9 41	6 32
F 11	1 53	17 42	4 34	4 41	1 37	10 38	0 7	0 27	0 45	12 26	0 54	21 21	0 3	19 54	0 40	22 15	1 8	17 55	16 46	4 38	4 50	18 27	9 42	6 32
S 12	1 29	15 55	3 46	3 54	1 33	11 7	0 10	0 11	0 44	12 22	0 54	21 20	0 3	19 54	0 40	22 15	1 8	17 55	16 46	4 38	4 52	18 27	9 43	6 32
S 13	1 6	13 11	2 45	3 7	1 29	11 36	0 13	0s 5	0 44	12 17	0 54	21 19	0 3	19 54	0 39	22 15	1 8	17 56	16 46	4 38	4 53	18 27	9 44	6 31
M14	0 42	9 43	1 35	2 21	1 25	12 4	0 16	0 21	0 44	12 13	0 54	21 18	0 4	19 54	0 39	22 15	1 8	17 56	16 46	4 37	4 54	18 28	9 45	6 31
T 15	0 18	5 46	0 21	1 34	1 20	12 32	0 19	0 38	0 43	12 9	0 55	21 18	0 4	19 55	0 39	22 15	1 8	17 57	16 46	4 37	4 55	18 28	9 46	6 31
W16	0s 5	1 35	0n54	0 47	1 14	13 0	0 22	0 54	0 43	12 5	0 55	21 17	0 4	19 55	0 39	22 15	1 8	17 57	16 46	4 37	4 57	18 28	9 47	6 30
T 17	0 29	2s36	2 4	0s 0	1 9	13 28	0 25	1 10	0 42	12 1	0 55	21 16	0 4	19 55	0 39	22 15	1 8	17 58	16 46	4 38	4 58	18 28	9 48	6 30
F 18	0 52	6 34	3 6	0 47	1 3	13 56	0 28	1 26	0 42	11 56	0 55	21 15	0 4	19 55	0 39	22 16	1 8	17 58	16 46	4 38	4 59	18 29	9 49	6 30
S 19	1 16	10 9	3 57	1 33	0 57	14 23	0 32	1 42	0 41	11 52	0 55	21 15	0 4	19 56	0 39	22 16	1 8	17 59	16 46	4 39	5 0	18 29	9 49	6 29
S 20	1 40	13 13	4 37	2 19	0 51	14 49	0 35	1 59	0 41	11 48	0 55	21 14	0 4	19 56	0 39	22 16	1 8	17 59	16 46	4 40	5 1	18 29	9 50	6 29
M21	2 3	15 37	5 2	3 5	0 45	15 16	0 38	2 15	0 40	11 44	0 55	21 13	0 4	19 56	0 39	22 16	1 8	17 59	16 46	4 41	5 3	18 29	9 51	6 29
T 22	2 27	17 19	5 14	3 51	0 39	15 42	0 41	2 31	0 40	11 40	0 55	21 13	0 4	19 56	0 39	22 16	1 8	18 0	16 46	4 42	5 4	18 29	9 52	6 28
W23	2 50	18 14	5 13	4 36	0 32	16 8	0 44	2 47	0 39	11 36	0 56	21 12	0 4	19 56	0 39	22 16	1 8	18 0	16 46	4 42	5 5	18 30	9 53	6 28
T 24	3 14	18 22	4 58	5 20	0 26	16 33	0 47	3 3	0 39	11 32	0 56	21 11	0 5	19 56	0 39	22 16	1 8	18 1	16 46	4 42	5 6	18 30	9 53	6 28
F 25	3 37	17 40	4 30	6 5	0 19	16 58	0 51	3 20	0 39	11 27	0 56	21 11	0 5	19 56	0 39	22 16	1 8	18 1	16 46	4 42	5 8	18 30	9 54	6 27
S 26	4 1	16 11	3 50	6 48	0 12	17 22	0 54	3 36	0 38	11 23	0 56	21 10	0 5	19 57	0 39	22 16	1 8	18 1	16 46	4 42	5 9	18 30	9 55	6 27
S 27	4 24	13 56	2 59	7 32	0 6	17 46	0 57	3 52	0 38	11 19	0 56	21 10	0 5	19 57	0 39	22 16	1 8	18 2	16 46	4 41	5 10	18 30	9 56	6 26
M28	4 48	11 0	1 59	8 15	0s 1	18 10	1 0	4 8	0 37	11 15	0 56	21 9	0 5	19 57	0 39	22 16	1 8	18 2	16 45	4 40	5 11	18 31	9 57	6 26
T 29	5 11	7 28	0 51	8 57	0 8	18 33	1 3	4 24	0 37	11 11	0 56	21 8	0 5	19 57	0 39	22 16	1 8	18 2	16 45	4 40	5 13	18 31	9 57	6 26
W30	5s34	3s29	0s21	9s38	0s15	18s56	1s 6	4s40	0n36	11n 7	0n57	21n 8	0n 5	19s57	0s39	22s17	1n 7	18s 3	16s45	4n40	5n14	18s31	9s58	6n25

Julian Day Number = 2205987.5, Delta T = 09m42s
Ecliptic obliquity = 23°31'27, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°21'46, Lahiri = 14°28'47 Julian Calendar 1 Sept. 1327 == Greg. Calendar 9 Sept. 1327

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ASTRODIENST EPHEMERIS for the year 1327
geocentric

OCTOBER 1327 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	1 7 47	15♎ 3'51	5♈35	25♎45	21♏27	13♎51	3♍44	25♋56	4°R 2	24♐17	23°R 9	18°R14	16♍45	0♉19	15°R58	T 1
F 2	1 11 44	16° 3'29	19°27	27°19	22°39	14°32	3°55	25°59	4♒ 2	24°18	23♓ 8	18♍11	16°41	0°26	15♒56	F 2
S 3	1 15 41	17° 3'09	3♉35	28°52	23°51	15°12	4° 6	26° 2	4° 2	24°19	23° 7	18° 8	16°38	0°32	15°55	S 3
S 4	1 19 37	18° 2'51	17°56	0♏25	25° 4	15°52	4°17	26° 5	4° 1	24°20	23° 6	18° 3	16°35	0°39	15°55	S 4
M 5	1 23 34	19° 2'36	2♊24	1°57	26°16	16°32	4°28	26° 8	4° 1	24°21	23° 5	17°59	16°32	0°46	15°54	M 5
T 6	1 27 30	20° 2'22	16°52	3°29	27°28	17°13	4°39	26°11	4° 1	24°23	23° 4	17°55	16°29	0°52	15°53	T 6
W 7	1 31 27	21° 2'11	1♋17	5° 0	28°40	17°53	4°50	26°14	4°D 1	24°24	23° 3	17°52	16°25	0°59	15°52	W 7
T 8	1 35 23	22° 2'03	15°33	6°30	29°52	18°34	5° 1	26°17	4° 1	24°25	23° 2	17°50	16°22	1° 6	15°51	T 8
F 9	1 39 20	23° 1'56	29°38	8° 0	1♐ 4	19°14	5°12	26°19	4° 1	24°26	23° 1	17°D50	16°19	1°13	15°51	F 9
S 10	1 43 16	24° 1'52	13♌32	9°29	2°16	19°55	5°22	26°22	4° 2	24°28	23° 0	17°51	16°16	1°19	15°50	S 10
S 11	1 47 13	25° 1'50	27°13	10°58	3°28	20°35	5°33	26°24	4° 2	24°29	22°59	17°53	16°13	1°26	15°50	S 11
M12	1 51 10	26° 1'50	10♍43	12°26	4°40	21°16	5°43	26°26	4° 2	24°30	22°58	17°54	16°10	1°33	15°49	M12
T 13	1 55 6	27° 1'52	24° 1	13°53	5°52	21°56	5°54	26°28	4° 2	24°32	22°57	17°R54	16° 6	1°40	15°49	T 13
W14	1 59 3	28° 1'57	7♎ 7	15°20	7° 4	22°37	6° 4	26°30	4° 3	24°33	22°56	17°52	16° 3	1°46	15°48	W14
T 15	2 2 59	29° 2'03	20° 1	16°46	8°15	23°18	6°14	26°32	4° 3	24°35	22°55	17°49	16° 0	1°53	15°48	T 15
F 16	2 6 56	0♏ 2'11	2♏43	18°12	9°27	23°59	6°24	26°34	4° 3	24°36	22°54	17°43	15°57	2° 0	15°48	F 16
S 17	2 10 52	1° 2'21	15°13	19°37	10°39	24°39	6°34	26°36	4° 4	24°38	22°53	17°35	15°54	2° 6	15°48	S 17
S 18	2 14 49	2° 2'33	27°32	21° 1	11°50	25°20	6°44	26°37	4° 5	24°39	22°52	17°27	15°50	2°13	15°48	S 18
M19	2 18 45	3° 2'47	9♐40	22°24	13° 2	26° 1	6°54	26°39	4° 5	24°41	22°51	17°18	15°47	2°20	15°D48	M19
T 20	2 22 42	4° 3'02	21°39	23°47	14°14	26°42	7° 3	26°40	4° 6	24°42	22°50	17°10	15°44	2°27	15°48	T 20
W21	2 26 39	5° 3'19	3♑33	25° 8	15°25	27°23	7°13	26°41	4° 7	24°44	22°49	17° 3	15°41	2°33	15°48	W21
T 22	2 30 35	6° 3'38	15°23	26°29	16°36	28° 4	7°22	26°42	4° 7	24°46	22°49	16°59	15°38	2°40	15°48	T 22
F 23	2 34 32	7° 3'58	27°15	27°48	17°48	28°45	7°32	26°43	4° 8	24°47	22°48	16°56	15°35	2°47	15°48	F 23
S 24	2 38 28	8° 4'19	9♒14	29° 6	18°59	29°26	7°41	26°44	4° 9	24°49	22°47	16°D56	15°31	2°53	15°49	S 24
S 25	2 42 25	9° 4'42	21°24	0♐23	20°10	0♏ 7	7°50	26°45	4°10	24°51	22°46	16°56	15°28	3° 0	15°49	S 25
M26	2 46 21	10° 5'06	3♓50	1°38	21°21	0°48	7°59	26°46	4°11	24°52	22°45	16°57	15°25	3° 7	15°49	M26
T 27	2 50 18	11° 5'32	16°38	2°51	22°33	1°30	8° 8	26°46	4°12	24°54	22°45	16°R58	15°22	3°14	15°50	T 27
W28	2 54 14	12° 5'59	29°52	4° 3	23°44	2°11	8°17	26°47	4°13	24°56	22°44	16°57	15°19	3°20	15°50	W28
T 29	2 58 11	13° 6'28	13♈32	5°12	24°55	2°52	8°25	26°47	4°14	24°58	22°43	16°54	15°16	3°27	15°51	T 29
F 30	3 2 7	14° 6'58	27°39	6°19	26° 5	3°33	8°34	26°47	4°15	24°59	22°43	16°49	15°12	3°34	15°52	F 30
S 31	3 6 4	15♏ 7'29	12♉ 9	7♐23	27♐16	4♏15	8♍42	26♋47	4♒16	25♐ 1	22♓42	16♍41	15♍ 9	3♑40	15♒52	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	5s57	0n48	1s34	10s20	0s22	19s18	1s 9	4s56	0n36	11n 3	0n57	21n 7	0n 5	19s57	0s39	22s17	1n 7	18s 3	16s45	4n40	5n15	18s31	9s59	6n25
F 2	6 20	5 8	2 43	11 0	0 29	19 40	1 12	5 12	0 35	10 59	0 57	21 7	0 5	19 57	0 39	22 17	1 7	18 3	16 45	4 41	5 16	18 31	9 59	6 25
S 3	6 43	9 16	3 43	11 40	0 35	20 1	1 15	5 28	0 35	10 55	0 57	21 6	0 6	19 57	0 39	22 17	1 7	18 4	16 45	4 43	5 18	18 32	10 0	6 24
S 4	7 6	12 55	4 30	12 19	0 42	20 22	1 18	5 44	0 34	10 52	0 57	21 6	0 6	19 57	0 39	22 17	1 7	18 4	16 45	4 44	5 19	18 32	10 1	6 24
M 5	7 29	15 48	5 1	12 58	0 49	20 42	1 21	6 0	0 34	10 48	0 57	21 5	0 6	19 57	0 39	22 17	1 7	18 4	16 45	4 46	5 20	18 32	10 1	6 23
T 6	7 52	17 42	5 12	13 35	0 56	21 2	1 24	6 16	0 33	10 44	0 58	21 5	0 6	19 57	0 39	22 17	1 7	18 5	16 44	4 48	5 21	18 32	10 2	6 23
W 7	8 14	18 28	5 4	14 13	1 2	21 21	1 27	6 32	0 33	10 40	0 58	21 5	0 6	19 57	0 39	22 17	1 7	18 5	16 44	4 49	5 23	18 32	10 3	6 22
T 8	8 37	18 2	4 36	14 49	1 9	21 40	1 30	6 48	0 32	10 36	0 58	21 4	0 6	19 57	0 39	22 17	1 7	18 5	16 44	4 49	5 24	18 33	10 3	6 22
F 9	8 59	16 30	3 53	15 24	1 15	21 58	1 33	7 4	0 32	10 32	0 58	21 4	0 6	19 57	0 39	22 17	1 7	18 5	16 44	4 49	5 25	18 33	10 4	6 22
S 10	9 21	14 0	2 56	15 59	1 21	22 15	1 36	7 20	0 31	10 29	0 58	21 3	0 6	19 57	0 39	22 17	1 7	18 6	16 44	4 49	5 26	18 33	10 4	6 21
S 11	9 43	10 45	1 50	16 33	1 28	22 32	1 39	7 36	0 31	10 25	0 58	21 3	0 6	19 57	0 39	22 18	1 7	18 6	16 43	4 48	5 28	18 33	10 5	6 21
M12	10 5	6 58	0 39	17 6	1 34	22 48	1 41	7 51	0 30	10 21	0 59	21 3	0 7	19 57	0 39	22 18	1 7	18 6	16 43	4 48	5 29	18 33	10 5	6 20
T 13	10 27	2 54	0n33	17 39	1 40	23 4	1 44	8 7	0 30	10 18	0 59	21 3	0 7	19 56	0 39	22 18	1 7	18 6	16 43	4 48	5 30	18 33	10 6	6 20
W14	10 49	1s16	1 42	18 10	1 45	23 19	1 47	8 23	0 29	10 14	0 59	21 2	0 7	19 56	0 39	22 18	1 7	18 6	16 43	4 49	5 31	18 34	10 7	6 20
T 15	11 10	5 18	2 45	18 41	1 51	23 34	1 49	8 38	0 29	10 10	0 59	21 2	0 7	19 56	0 39	22 18	1 7	18 7	16 43	4 50	5 32	18 34	10 7	6 19
F 16	11 31	9 2	3 39	19 10	1 56	23 47	1 52	8 54	0 28	10 7	0 59	21 2	0 7	19 56	0 39	22 18	1 7	18 7	16 42	4 52	5 34	18 34	10 7	6 19
S 17	11 53	12 18	4 20	19 39	2 1	24 1	1 54	9 9	0 28	10 3	1 0	21 2	0 7	19 56	0 39	22 18	1 7	18 7	16 42	4 55	5 35	18 34	10 8	6 18
S 18	12 14	14 59	4 49	20 6	2 6	24 13	1 57	9 25	0 27	10 0	1 0	21 1	0 7	19 56	0 39	22 18	1 7	18 7	16 42	4 59	5 36	18 34	10 8	6 18
M19	12 34	16 57	5 5	20 33	2 11	24 25	1 59	9 40	0 27	9 56	1 0	21 1	0 7	19 56	0 39	22 18	1 7	18 7	16 42	5 2	5 37	18 34	10 9	6 17
T 20	12 55	18 10	5 7	20 58	2 15	24 36	2 2	9 56	0 26	9 53	1 0	21 1	0 7	19 55	0 38	22 18	1 7	18 7	16 42	5 5	5 39	18 34	10 9	6 17
W21	13 15	18 34	4 55	21 22	2 19	24 46	2 4	10 11	0 26	9 50	1 0	21 1	0 8	19 55	0 38	22 19	1 7	18 7	16 41	5 8	5 40	18 35	10 10	6 17
T 22	13 35	18 9	4 31	21 45	2 23	24 56	2 6	10 26	0 25	9 46	1 1	21 1	0 8	19 55	0 38	22 19	1 7	18 8	16 41	5 10	5 41	18 35	10 10	6 16
F 23	13 55	16 56	3 55	22 7	2 27	25 5	2 8	10 41	0 24	9 43	1 1	21 1	0 8	19 55	0 38	22 19	1 7	18 8	16 41	5 11	5 42	18 35	10 10	6 16
S 24	14 15	14 59	3 9	22 28	2 30	25 14	2 10	10 56	0 24	9 40	1 1	21 1	0 8	19 55	0 38	22 19	1 7	18 8	16 41	5 11	5 44	18 35	10 11	6 15
S 25	14 34	12 19	2 13	22 47	2 32	25 21	2 12	11 11	0 23	9 36	1 1	21 1	0 8	19 54	0 38	22 19	1 6	18 8	16 40	5 11	5 45	18 35	10 11	6 15
M26	14 54	9 3	1 10	23 5	2 35	25 28	2 14	11 26	0 23	9 33	1 1	21 1	0 8	19 54	0 38	22 19	1 6	18 8	16 40	5 10	5 46	18 35	10 11	6 14
T 27	15 13	5 16	0 2	23 22	2 36	25 34	2 16	11 41	0 22	9 30	1 2	21 1	0 8	19 54	0 38	22 19	1 6	18 8	16 40	5 10	5 47	18 35	10 11	6 14
W28	15 31	1 6	1s 9	23 37	2 38	25 40	2 18	11 56	0 22	9 27	1 2	21 1	0 8	19 53	0 38	22 19	1 6	18 8	16 40	5 10	5 49	18 35	10 12	6 14
T 29	15 50	3n15	2 17	23 50	2 38	25 45	2 19	12 11	0 21	9 24	1 2	21 1	0 8	19 53	0 38	22 19	1 6	18 8	16 39	5 11	5 50	18 35	10 12	6 13
F 30	16 8	7 34	3 20	24 2	2 38	25 49	2 21	12 25	0 21	9 21	1 2	21 1	0 9	19 53	0 38	22 19	1 6	18 8	16 39	5 13	5 51	18 36	10 12	6 13
S 31	16s26	11n33	4s11	24s13	2s38	25s52	2s22	12s40	0n20	9n18	1n 2	21n 1	0n 9	19s53	0s38	22s20	1n 6	18s 8	16s39	5n16	5n52	18s36	10s12	6n12

Julian Day Number = 2206017.5, Delta T = 09m42s
Ecliptic obliquity = 23°31'27, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°21'51, Lahiri = 14°28'51 Julian Calendar 1 Oct. 1327 == Greg. Calendar 9 Oct. 1327

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ASTRODIENST EPHEMERIS for the year 1327
geocentric

NOVEMBER 1327 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	3 10 1	16♏ 8'02	26♉57	8♐23	28♐27	4♏56	8♍50	26°R47	4♒18	25♐ 3	22°R41	16°R32	15♍ 6	3♑47	15♒53	S 1
M 2	3 13 57	17° 8'37	11♊53	9°21	29°37	5°38	8°59	26♋47	4°19	25° 5	22♓41	16♍22	15° 3	3°54	15°54	M 2
T 3	3 17 54	18° 9'13	26°49	10°14	0♑48	6°19	9° 7	26°47	4°20	25° 7	22°40	16°13	15° 0	4° 1	15°55	T 3
W 4	3 21 50	19° 9'51	11♋36	11° 2	1°58	7° 1	9°15	26°47	4°22	25° 9	22°40	16° 6	14°56	4° 7	15°56	W 4
T 5	3 25 47	20°10'31	26° 7	11°45	3° 9	7°42	9°22	26°46	4°23	25°11	22°39	16° 1	14°53	4°14	15°57	T 5
F 6	3 29 43	21°11'12	10♌19	12°23	4°19	8°24	9°30	26°46	4°25	25°13	22°38	15°59	14°50	4°21	15°58	F 6
S 7	3 33 40	22°11'55	24°10	12°54	5°29	9° 5	9°38	26°45	4°26	25°15	22°38	15°D58	14°47	4°27	15°59	S 7
S 8	3 37 36	23°12'40	7♍42	13°17	6°39	9°47	9°45	26°44	4°28	25°17	22°37	15°59	14°44	4°34	16° 1	S 8
M 9	3 41 33	24°13'26	20°55	13°32	7°49	10°29	9°52	26°43	4°30	25°19	22°37	15°R59	14°41	4°41	16° 2	M 9
T 10	3 45 30	25°14'14	3♎54	13°R39	8°59	11°11	9°59	26°42	4°31	25°21	22°36	15°57	14°37	4°48	16° 3	T 10
W11	3 49 26	26°15'03	16°40	13°35	10° 9	11°53	10° 6	26°41	4°33	25°23	22°36	15°53	14°34	4°54	16° 5	W11
T 12	3 53 23	27°15'54	29°14	13°22	11°19	12°34	10°13	26°40	4°35	25°25	22°36	15°46	14°31	5° 1	16° 6	T 12
F 13	3 57 19	28°16'46	11♏40	12°57	12°28	13°16	10°20	26°39	4°37	25°27	22°35	15°37	14°28	5° 8	16° 8	F 13
S 14	4 1 16	29°17'40	23°56	12°22	13°38	13°58	10°26	26°37	4°38	25°29	22°35	15°24	14°25	5°14	16° 9	S 14
S 15	4 5 12	0♐18'34	6♐ 5	11°35	14°47	14°40	10°33	26°36	4°40	25°31	22°34	15°10	14°22	5°21	16°11	S 15
M16	4 9 9	1°19'30	18° 6	10°38	15°56	15°22	10°39	26°34	4°42	25°33	22°34	14°56	14°18	5°28	16°13	M16
T 17	4 13 5	2°20'27	0♑ 2	9°32	17° 5	16° 4	10°45	26°32	4°44	25°35	22°34	14°42	14°15	5°35	16°15	T 17
W18	4 17 2	3°21'25	11°53	8°18	18°14	16°47	10°51	26°30	4°46	25°37	22°34	14°30	14°12	5°41	16°17	W18
T 19	4 20 59	4°22'23	23°42	6°58	19°23	17°29	10°57	26°28	4°48	25°39	22°33	14°21	14° 9	5°48	16°18	T 19
F 20	4 24 55	5°23'22	5♒33	5°36	20°32	18°11	11° 2	26°26	4°51	25°42	22°33	14°15	14° 6	5°55	16°20	F 20
S 21	4 28 52	6°24'22	17°28	4°13	21°40	18°53	11° 8	26°24	4°53	25°44	22°33	14°11	14° 2	6° 1	16°22	S 21
S 22	4 32 48	7°25'23	29°34	2°53	22°48	19°35	11°13	26°22	4°55	25°46	22°33	14°10	13°59	6° 8	16°24	S 22
M23	4 36 45	8°26'24	11♓55	1°38	23°57	20°18	11°18	26°19	4°57	25°48	22°33	14°10	13°56	6°15	16°27	M23
T 24	4 40 41	9°27'26	24°37	0°30	25° 5	21° 0	11°23	26°17	5° 0	25°50	22°32	14°10	13°53	6°22	16°29	T 24
W25	4 44 38	10°28'28	7♈45	29♏32	26°12	21°43	11°28	26°14	5° 2	25°52	22°32	14° 8	13°50	6°28	16°31	W25
T 26	4 48 34	11°29'31	21°22	28°44	27°20	22°25	11°32	26°12	5° 4	25°55	22°32	14° 5	13°47	6°35	16°33	T 26
F 27	4 52 31	12°30'34	5♉29	28° 7	28°27	23° 7	11°37	26° 9	5° 7	25°57	22°32	13°58	13°43	6°42	16°36	F 27
S 28	4 56 28	13°31'38	20° 5	27°42	29°35	23°50	11°41	26° 6	5° 9	25°59	22°32	13°49	13°40	6°48	16°38	S 28
S 29	5 0 24	14°32'43	5♊ 5	27°27	0♒42	24°33	11°45	26° 3	5°12	26° 1	22°D32	13°38	13°37	6°55	16°41	S 29
M30	5 4 21	15♐33'48	20♊19	27°D23	1♒49	25♏15	11♍49	26♋ 0	5♒14	26♐ 4	22♓32	13♍26	13♍34	7♑ 2	16♒43	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	16s43	14n54	4s46	24s21	2s36	25s55	2s24	12s54	0n20	9n15	1n 3	21n 1	0n 9	19s52	0s38	22s20	1n 6	18s 8	16s38	5n20	5n53	18s36	10s13	6n12
M 2	17 1	17 17	5 3	24 28	2 34	25 56	2 25	13 9	0 19	9 12	1 3	21 1	0 9	19 52	0 38	22 20	1 6	18 8	16 38	5 24	5 55	18 36	10 13	6 11
T 3	17 18	18 31	4 59	24 33	2 31	25 58	2 26	13 23	0 18	9 9	1 3	21 1	0 9	19 52	0 38	22 20	1 6	18 8	16 38	5 27	5 56	18 36	10 13	6 11
W 4	17 35	18 27	4 35	24 37	2 27	25 58	2 27	13 37	0 18	9 7	1 3	21 1	0 9	19 51	0 38	22 20	1 6	18 8	16 37	5 30	5 57	18 36	10 13	6 11
T 5	17 51	17 11	3 53	24 38	2 22	25 58	2 28	13 51	0 17	9 4	1 4	21 2	0 9	19 51	0 38	22 20	1 6	18 8	16 37	5 32	5 58	18 36	10 13	6 10
F 6	18 7	14 52	2 58	24 37	2 16	25 56	2 29	14 5	0 17	9 1	1 4	21 2	0 9	19 50	0 38	22 20	1 6	18 8	16 37	5 33	6 0	18 36	10 13	6 10
S 7	18 23	11 44	1 53	24 34	2 9	25 55	2 30	14 19	0 16	8 59	1 4	21 2	0 9	19 50	0 38	22 20	1 6	18 8	16 37	5 33	6 1	18 36	10 13	6 9
S 8	18 38	8 2	0 44	24 28	2 1	25 52	2 31	14 33	0 16	8 56	1 4	21 2	0 10	19 50	0 38	22 20	1 6	18 8	16 36	5 33	6 2	18 36	10 13	6 9
M 9	18 54	4 1	0n26	24 20	1 51	25 49	2 32	14 47	0 15	8 53	1 5	21 3	0 10	19 49	0 38	22 20	1 6	18 8	16 36	5 33	6 3	18 36	10 13	6 8
T 10	19 8	0s 7	1 34	24 10	1 39	25 45	2 32	15 0	0 14	8 51	1 5	21 3	0 10	19 49	0 38	22 21	1 6	18 7	16 36	5 34	6 5	18 37	10 13	6 8
W11	19 23	4 11	2 35	23 56	1 26	25 40	2 32	15 14	0 14	8 49	1 5	21 3	0 10	19 48	0 38	22 21	1 6	18 7	16 35	5 35	6 6	18 37	10 13	6 8
T 12	19 37	8 0	3 28	23 41	1 12	25 35	2 33	15 27	0 13	8 46	1 5	21 4	0 10	19 48	0 38	22 21	1 6	18 7	16 35	5 38	6 7	18 37	10 13	6 7
F 13	19 51	11 25	4 10	23 22	0 56	25 28	2 33	15 41	0 13	8 44	1 5	21 4	0 10	19 47	0 38	22 21	1 6	18 7	16 35	5 42	6 8	18 37	10 13	6 7
S 14	20 4	14 18	4 40	23 0	0 39	25 22	2 33	15 54	0 12	8 42	1 6	21 4	0 10	19 47	0 38	22 21	1 6	18 7	16 34	5 46	6 9	18 37	10 13	6 6
S 15	20 17	16 32	4 56	22 35	0 20	25 14	2 33	16 7	0 12	8 39	1 6	21 5	0 10	19 46	0 38	22 21	1 6	18 7	16 34	5 52	6 11	18 37	10 13	6 6
M16	20 30	18 1	5 0	22 8	0 1	25 6	2 33	16 20	0 11	8 37	1 6	21 5	0 11	19 46	0 38	22 21	1 6	18 7	16 34	5 57	6 12	18 37	10 13	6 6
T 17	20 42	18 42	4 50	21 38	0n19	24 57	2 33	16 32	0 10	8 35	1 6	21 6	0 11	19 45	0 38	22 21	1 6	18 6	16 33	6 3	6 13	18 37	10 13	6 5
W18	20 54	18 33	4 27	21 7	0 40	24 47	2 32	16 45	0 10	8 33	1 7	21 6	0 11	19 45	0 38	22 21	1 6	18 6	16 33	6 7	6 14	18 37	10 13	6 5
T 19	21 6	17 36	3 53	20 34	1 0	24 37	2 32	16 58	0 9	8 31	1 7	21 7	0 11	19 44	0 38	22 21	1 6	18 6	16 33	6 11	6 16	18 37	10 12	6 4
F 20	21 17	15 54	3 9	20 1	1 20	24 26	2 31	17 10	0 9	8 29	1 7	21 7	0 11	19 44	0 38	22 21	1 6	18 6	16 32	6 13	6 17	18 37	10 12	6 4
S 21	21 27	13 29	2 16	19 28	1 38	24 15	2 30	17 22	0 8	8 27	1 8	21 8	0 11	19 43	0 38	22 22	1 6	18 5	16 32	6 15	6 18	18 37	10 12	6 4
S 22	21 38	10 28	1 16	18 56	1 55	24 3	2 29	17 35	0 7	8 26	1 8	21 8	0 11	19 43	0 38	22 22	1 6	18 5	16 32	6 15	6 19	18 37	10 12	6 3
M23	21 47	6 56	0 12	18 27	2 9	23 50	2 28	17 47	0 7	8 24	1 8	21 9	0 11	19 42	0 38	22 22	1 6	18 5	16 31	6 15	6 20	18 37	10 11	6 3
T 24	21 57	2 59	0s55	18 1	2 22	23 36	2 27	17 58	0 6	8 22	1 8	21 10	0 12	19 42	0 38	22 22	1 6	18 5	16 31	6 15	6 22	18 37	10 11	6 2
W25	22 6	1n14	2 1	17 38	2 32	23 22	2 26	18 10	0 5	8 21	1 9	21 10	0 12	19 41	0 38	22 22	1 6	18 4	16 31	6 16	6 23	18 37	10 11	6 2
T 26	22 14	5 32	3 3	17 20	2 41	23 8	2 25	18 22	0 5	8 19	1 9	21 11	0 12	19 40	0 38	22 22	1 6	18 4	16 30	6 17	6 24	18 37	10 11	6 2
F 27	22 23	9 41	3 56	17 7	2 46	22 52	2 23	18 33	0 4	8 18	1 9	21 11	0 12	19 40	0 38	22 22	1 6	18 4	16 30	6 20	6 25	18 37	10 10	6 1
S 28	22 30	13 24	4 35	16 57	2 50	22 37	2 21	18 44	0 4	8 16	1 9	21 12	0 12	19 39	0 38	22 22	1 6	18 4	16 29	6 23	6 27	18 37	10 10	6 1
S 29	22 38	16 21	4 57	16 52	2 52	22 20	2 19	18 55	0 3	8 15	1 10	21 13	0 12	19 39	0 37	22 22	1 6	18 3	16 29	6 28	6 28	18 37	10 9	6 1
M30	22s44	18n13	4s58	16s51	2n52	22s 4	2s17	19s 6	0n 2	8n14	1n10	21n13	0n12	19s38	0s37	22s22	1n 6	18s 3	16s29	6n32	6n29	18s37	10s 9	6n 0

Julian Day Number = 2206048.5, Delta T = 09m42s
Ecliptic obliquity = 23°31'27, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°21'55, Lahiri = 14°28'55 Julian Calendar 1 Nov. 1327 == Greg. Calendar 9 Nov. 1327

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ASTRODIENST EPHEMERIS for the year 1327
geocentric

DECEMBER 1327 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	5 8 17	16♐34'54	5♋36	27♏28	2♒55	25♏58	11♍53	25°R57	5♒17	26♐ 6	22♓32	13°R14	13♍31	7♑ 9	16♒46	T 1
W 2	5 12 14	17°36'00	20°45	27°43	4° 2	26°40	11°57	25♋54	5°19	26° 8	22°32	13♍ 5	13°28	7°15	16°48	W 2
T 3	5 16 10	18°37'07	5♌37	28° 6	5° 8	27°23	12° 0	25°50	5°22	26°10	22°32	12°58	13°24	7°22	16°51	T 3
F 4	5 20 7	19°38'15	20° 5	28°37	6°14	28° 6	12° 3	25°47	5°25	26°13	22°32	12°55	13°21	7°29	16°53	F 4
S 5	5 24 4	20°39'23	4♍ 7	29°14	7°19	28°49	12° 6	25°43	5°27	26°15	22°32	12°53	13°18	7°35	16°56	S 5
S 6	5 28 0	21°40'32	17°42	29°57	8°25	29°32	12° 9	25°40	5°30	26°17	22°33	12°53	13°15	7°42	16°59	S 6
M 7	5 31 57	22°41'42	0♎54	0♐46	9°30	0♐15	12°12	25°36	5°33	26°19	22°33	12°53	13°12	7°49	17° 2	M 7
T 8	5 35 53	23°42'52	13°45	1°39	10°35	0°58	12°14	25°32	5°35	26°22	22°33	12°52	13° 8	7°56	17° 5	T 8
W 9	5 39 50	24°44'03	26°20	2°37	11°40	1°41	12°17	25°29	5°38	26°24	22°33	12°48	13° 5	8° 2	17° 8	W 9
T 10	5 43 46	25°45'15	8♏42	3°38	12°44	2°24	12°19	25°25	5°41	26°26	22°33	12°41	13° 2	8° 9	17°11	T 10
F 11	5 47 43	26°46'26	20°54	4°42	13°48	3° 7	12°21	25°21	5°44	26°28	22°34	12°31	12°59	8°16	17°14	F 11
S 12	5 51 39	27°47'39	2♐59	5°50	14°52	3°50	12°22	25°17	5°47	26°31	22°34	12°19	12°56	8°22	17°17	S 12
S 13	5 55 36	28°48'51	14°58	7° 0	15°55	4°33	12°24	25°13	5°50	26°33	22°34	12° 5	12°53	8°29	17°20	S 13
M14	5 59 33	29°50'04	26°54	8°12	16°58	5°16	12°25	25° 8	5°53	26°35	22°35	11°51	12°49	8°36	17°23	M14
T 15	6 3 29	0♑51'17	8♑46	9°26	18° 1	5°59	12°27	25° 4	5°56	26°38	22°35	11°37	12°46	8°43	17°26	T 15
W16	6 7 26	1°52'29	20°36	10°42	19° 4	6°43	12°28	25° 0	5°59	26°40	22°35	11°25	12°43	8°49	17°29	W16
T 17	6 11 22	2°53'42	2♒27	11°59	20° 6	7°26	12°28	24°56	6° 2	26°42	22°36	11°16	12°40	8°56	17°33	T 17
F 18	6 15 19	3°54'54	14°19	13°18	21° 7	8° 9	12°29	24°51	6° 5	26°44	22°36	11° 9	12°37	9° 3	17°36	F 18
S 19	6 19 15	4°56'07	26°17	14°38	22° 9	8°53	12°29	24°47	6° 8	26°47	22°37	11° 6	12°33	9° 9	17°39	S 19
S 20	6 23 12	5°57'18	8♓24	16° 0	23°10	9°36	12°30	24°42	6°11	26°49	22°37	11°D 5	12°30	9°16	17°43	S 20
M21	6 27 8	6°58'30	20°44	17°22	24°10	10°20	12°R30	24°38	6°14	26°51	22°38	11° 5	12°27	9°23	17°46	M21
T 22	6 31 5	7°59'40	3♈21	18°45	25°10	11° 3	12°29	24°33	6°17	26°53	22°38	11°R 5	12°24	9°29	17°50	T 22
W23	6 35 2	9° 0'51	16°22	20°10	26°10	11°47	12°29	24°28	6°21	26°56	22°39	11° 5	12°21	9°36	17°53	W23
T 24	6 38 58	10° 2'00	29°49	21°35	27° 9	12°30	12°29	24°24	6°24	26°58	22°39	11° 3	12°18	9°43	17°57	T 24
F 25	6 42 55	11° 3'09	13♉45	23° 0	28° 7	13°14	12°28	24°19	6°27	27° 0	22°40	10°59	12°14	9°50	18° 0	F 25
S 26	6 46 51	12° 4'18	28°11	24°27	29° 5	13°58	12°27	24°14	6°30	27° 2	22°40	10°53	12°11	9°56	18° 4	S 26
S 27	6 50 48	13° 5'26	13♊ 3	25°54	0♓ 3	14°41	12°26	24°10	6°34	27° 4	22°41	10°44	12° 8	10° 3	18° 7	S 27
M28	6 54 44	14° 6'33	28°14	27°22	1° 0	15°25	12°24	24° 5	6°37	27° 7	22°42	10°35	12° 5	10°10	18°11	M28
T 29	6 58 41	15° 7'40	13♋35	28°51	1°56	16° 9	12°23	24° 0	6°40	27° 9	22°42	10°27	12° 2	10°16	18°15	T 29
W30	7 2 37	16° 8'46	28°53	0♑20	2°52	16°53	12°21	23°55	6°43	27°11	22°43	10°19	11°59	10°23	18°18	W30
T 31	7 6 34	17♑ 9'52	13♌58	1♑50	3♓47	17♐36	12♍19	23♋50	6♒47	27♐13	22♓44	10♍14	11♍55	10♑30	18♒22	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22s51	18n47	4s38	16s53	2n51	21s46	2s15	19s17	0n 2	8n13	1n10	21n14	0n12	19s37	0s37	22s22	1n 6	18s 3	16s28	6n37	6n30	18s37	10s 9	6n 0
W 2	22 57	17 59	3 58	16 59	2 48	21 28	2 13	19 28	0 1	8 12	1 10	21 15	0 13	19 37	0 37	22 23	1 6	18 2	16 28	6 40	6 32	18 37	10 8	5 59
T 3	23 2	15 58	3 3	17 8	2 45	21 10	2 11	19 38	0 0	8 10	1 11	21 16	0 13	19 36	0 37	22 23	1 6	18 2	16 28	6 43	6 33	18 37	10 8	5 59
F 4	23 7	12 59	1 57	17 19	2 40	20 51	2 8	19 49	0s 0	8 9	1 11	21 16	0 13	19 35	0 37	22 23	1 6	18 2	16 27	6 44	6 34	18 37	10 7	5 59
S 5	23 12	9 19	0 46	17 32	2 35	20 32	2 5	19 59	0 1	8 9	1 11	21 17	0 13	19 35	0 37	22 23	1 5	18 1	16 27	6 45	6 35	18 37	10 7	5 58
S 6	23 16	5 16	0n25	17 47	2 29	20 12	2 3	20 9	0 1	8 8	1 12	21 18	0 13	19 34	0 37	22 23	1 5	18 1	16 27	6 45	6 36	18 37	10 6	5 58
M 7	23 19	1 4	1 34	18 4	2 22	19 51	2 0	20 18	0 2	8 7	1 12	21 19	0 13	19 33	0 37	22 23	1 5	18 0	16 26	6 45	6 38	18 37	10 6	5 58
T 8	23 22	3s 3	2 35	18 22	2 15	19 31	1 56	20 28	0 3	8 6	1 12	21 20	0 13	19 33	0 37	22 23	1 5	18 0	16 26	6 45	6 39	18 37	10 5	5 57
W 9	23 25	6 58	3 28	18 40	2 8	19 10	1 53	20 37	0 3	8 6	1 12	21 20	0 13	19 32	0 37	22 23	1 5	18 0	16 26	6 47	6 40	18 37	10 5	5 57
T 10	23 27	10 30	4 10	18 59	2 0	18 48	1 50	20 47	0 4	8 5	1 13	21 21	0 14	19 31	0 37	22 23	1 5	17 59	16 25	6 49	6 41	18 37	10 4	5 57
F 11	23 29	13 33	4 40	19 19	1 52	18 26	1 46	20 56	0 5	8 5	1 13	21 22	0 14	19 30	0 37	22 23	1 5	17 59	16 25	6 53	6 43	18 37	10 4	5 56
S 12	23 30	15 59	4 57	19 39	1 44	18 4	1 42	21 5	0 5	8 4	1 13	21 23	0 14	19 30	0 37	22 23	1 5	17 58	16 25	6 58	6 44	18 37	10 3	5 56
S 13	23 31	17 42	5 0	19 59	1 36	17 41	1 38	21 13	0 6	8 4	1 14	21 24	0 14	19 29	0 37	22 23	1 5	17 58	16 24	7 3	6 45	18 37	10 2	5 56
M14	23 31	18 39	4 50	20 19	1 28	17 18	1 34	21 22	0 7	8 4	1 14	21 25	0 14	19 28	0 37	22 23	1 5	17 57	16 24	7 9	6 46	18 37	10 2	5 56
T 15	23 31	18 46	4 28	20 38	1 19	16 55	1 30	21 30	0 7	8 3	1 14	21 26	0 14	19 27	0 37	22 23	1 5	17 57	16 23	7 14	6 47	18 37	10 1	5 55
W16	23 31	18 5	3 54	20 57	1 11	16 31	1 26	21 38	0 8	8 3	1 14	21 26	0 14	19 27	0 37	22 24	1 5	17 56	16 23	7 18	6 49	18 37	10 0	5 55
T 17	23 30	16 36	3 10	21 16	1 3	16 7	1 21	21 46	0 9	8 3	1 15	21 27	0 14	19 26	0 37	22 24	1 5	17 56	16 23	7 22	6 50	18 37	10 0	5 55
F 18	23 28	14 24	2 17	21 35	0 54	15 43	1 16	21 54	0 9	8 3	1 15	21 28	0 14	19 25	0 37	22 24	1 5	17 55	16 22	7 24	6 51	18 37	9 59	5 54
S 19	23 26	11 35	1 18	21 52	0 46	15 18	1 12	22 1	0 10	8 3	1 15	21 29	0 15	19 24	0 37	22 24	1 5	17 55	16 22	7 26	6 52	18 37	9 58	5 54
S 20	23 23	8 14	0 14	22 9	0 38	14 54	1 7	22 9	0 11	8 4	1 16	21 30	0 15	19 24	0 37	22 24	1 5	17 54	16 22	7 26	6 53	18 37	9 57	5 54
M21	23 20	4 28	0s51	22 26	0 30	14 29	1 1	22 16	0 11	8 4	1 16	21 31	0 15	19 23	0 37	22 24	1 5	17 54	16 21	7 26	6 55	18 37	9 57	5 54
T 22	23 17	0 26	1 56	22 41	0 22	14 3	0 56	22 23	0 12	8 4	1 16	21 32	0 15	19 22	0 37	22 24	1 5	17 53	16 21	7 26	6 56	18 37	9 56	5 53
W23	23 13	3n44	2 57	22 56	0 14	13 38	0 50	22 29	0 13	8 5	1 16	21 33	0 15	19 21	0 37	22 24	1 5	17 53	16 21	7 26	6 57	18 37	9 55	5 53
T 24	23 9	7 51	3 50	23 9	0 6	13 12	0 45	22 36	0 13	8 5	1 17	21 34	0 15	19 20	0 37	22 24	1 5	17 52	16 20	7 27	6 58	18 37	9 54	5 53
F 25	23 4	11 42	4 32	23 22	0s 2	12 46	0 39	22 42	0 14	8 6	1 17	21 35	0 15	19 20	0 37	22 24	1 5	17 52	16 20	7 28	7 0	18 36	9 54	5 53
S 26	22 58	14 59	4 58	23 33	0 9	12 21	0 33	22 48	0 15	8 6	1 17	21 36	0 15	19 19	0 37	22 24	1 5	17 51	16 20	7 31	7 1	18 36	9 53	5 52
S 27	22 53	17 24	5 5	23 44	0 16	11 54	0 26	22 54	0 15	8 7	1 18	21 37	0 16	19 18	0 37	22 24	1 5	17 51	16 19	7 34	7 2	18 36	9 52	5 52
M28	22 46	18 40	4 51	23 53	0 24	11 28	0 20	22 59	0 16	8 8	1 18	21 38	0 16	19 17	0 37	22 24	1 5	17 50	16 19	7 37	7 3	18 36	9 51	5 52
T 29	22 40	18 35	4 16	24 2	0 31	11 2	0 14	23 5	0 17	8 8	1 18	21 39	0 16	19 16	0 37	22 24	1 5	17 50	16 19	7 41	7 4	18 36	9 50	5 52
W30	22 33	17 9	3 23	24 9	0 37	10 36	0 7	23 10	0 17	8 9	1 18	21 40	0 16	19 15	0 37	22 24	1 5	17 49	16 18	7 43	7 6	18 36	9 49	5 51
T 31	22s25	14n31	2s16	24s15	0s44	10s 9	0n 0	23s15	0s18	8n10	1n19	21n41	0n16	19s14	0s37	22s24	1n 5	17s48	16s18	7n45	7n 7	18s36	9s48	5n51

Julian Day Number = 2206078.5, Delta T = 09m42s
Ecliptic obliquity = 23°31'26, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°21'59, Lahiri = 14°28'59 Julian Calendar 1 Dec. 1327 == Greg. Calendar 9 Dec. 1327

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ASTRODIENST EPHEMERIS for the year 1328
geocentric

JANUARY 1328 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	7 10 31	18♑10'57	28♌42	3♑20	4♓42	18♐20	12°R17	23°R45	6♒50	27♐15	22♓45	10°R11	11♍52	10♑37	18♒26	F 1
S 2	7 14 27	19°12'02	12♍58	4°51	5°36	19° 4	12♍15	23♋40	6°54	27°18	22°45	10°D11	11°49	10°43	18°30	S 2
S 3	7 18 24	20°13'06	26°46	6°23	6°29	19°48	12°12	23°35	6°57	27°20	22°46	10♍12	11°46	10°50	18°34	S 3
M 4	7 22 20	21°14'10	10♎ 6	7°55	7°21	20°32	12°10	23°31	7° 0	27°22	22°47	10°13	11°43	10°57	18°37	M 4
T 5	7 26 17	22°15'14	23° 2	9°28	8°13	21°16	12° 7	23°26	7° 4	27°24	22°48	10°R13	11°39	11° 3	18°41	T 5
W 6	7 30 13	23°16'17	5♏37	11° 1	9° 4	22° 0	12° 4	23°21	7° 7	27°26	22°49	10°13	11°36	11°10	18°45	W 6
T 7	7 34 10	24°17'19	17°55	12°35	9°54	22°44	12° 1	23°16	7°10	27°28	22°49	10°10	11°33	11°17	18°49	T 7
F 8	7 38 6	25°18'21	0♐ 2	14°10	10°43	23°29	11°57	23°11	7°14	27°30	22°50	10° 5	11°30	11°24	18°53	F 8
S 9	7 42 3	26°19'22	12° 0	15°45	11°32	24°13	11°54	23° 6	7°17	27°32	22°51	9°58	11°27	11°30	18°57	S 9
S 10	7 46 0	27°20'23	23°53	17°21	12°19	24°57	11°50	23° 1	7°21	27°34	22°52	9°50	11°24	11°37	19° 1	S 10
M11	7 49 56	28°21'23	5♑44	18°57	13° 6	25°41	11°46	22°56	7°24	27°36	22°53	9°41	11°20	11°44	19° 5	M11
T 12	7 53 53	29°22'22	17°35	20°34	13°52	26°26	11°42	22°51	7°28	27°38	22°54	9°33	11°17	11°50	19° 9	T 12
W13	7 57 49	0♒23'19	29°27	22°12	14°36	27°10	11°38	22°46	7°31	27°40	22°55	9°26	11°14	11°57	19°13	W13
T 14	8 1 46	1°24'16	11♒22	23°50	15°20	27°54	11°33	22°41	7°35	27°42	22°56	9°21	11°11	12° 4	19°17	T 14
F 15	8 5 42	2°25'12	23°22	25°29	16° 3	28°39	11°29	22°37	7°38	27°44	22°57	9°17	11° 8	12°10	19°21	F 15
S 16	8 9 39	3°26'06	5♓29	27° 9	16°44	29°23	11°24	22°32	7°42	27°46	22°58	9°D16	11° 5	12°17	19°25	S 16
S 17	8 13 35	4°26'59	17°45	28°50	17°24	0♈ 8	11°19	22°27	7°45	27°48	22°59	9°16	11° 1	12°24	19°29	S 17
M18	8 17 32	5°27'51	0♈12	0♒31	18° 3	0°52	11°14	22°22	7°49	27°50	23° 0	9°17	10°58	12°31	19°33	M18
T 19	8 21 29	6°28'41	12°55	2°13	18°41	1°37	11° 9	22°18	7°52	27°52	23° 1	9°19	10°55	12°37	19°38	T 19
W20	8 25 25	7°29'30	25°55	3°56	19°17	2°21	11° 3	22°13	7°56	27°54	23° 2	9°21	10°52	12°44	19°42	W20
T 21	8 29 22	8°30'17	9♉17	5°40	19°52	3° 6	10°58	22° 8	7°59	27°56	23° 4	9°R21	10°49	12°51	19°46	T 21
F 22	8 33 18	9°31'03	23° 2	7°24	20°26	3°50	10°52	22° 4	8° 3	27°57	23° 5	9°20	10°45	12°57	19°50	F 22
S 23	8 37 15	10°31'47	7♊12	9° 9	20°58	4°35	10°46	21°59	8° 6	27°59	23° 6	9°18	10°42	13° 4	19°54	S 23
S 24	8 41 11	11°32'30	21°45	10°55	21°28	5°20	10°40	21°55	8°10	28° 1	23° 7	9°15	10°39	13°11	19°58	S 24
M25	8 45 8	12°33'10	6♋37	12°42	21°57	6° 5	10°34	21°50	8°13	28° 3	23° 8	9°11	10°36	13°17	20° 2	M25
T 26	8 49 4	13°33'50	21°41	14°30	22°24	6°49	10°28	21°46	8°17	28° 5	23° 9	9° 7	10°33	13°24	20° 7	T 26
W27	8 53 1	14°34'27	6♌48	16°18	22°49	7°34	10°22	21°41	8°20	28° 6	23°11	9° 4	10°30	13°31	20°11	W27
T 28	8 56 58	15°35'03	21°49	18° 7	23°13	8°19	10°15	21°37	8°23	28° 8	23°12	9° 2	10°26	13°38	20°15	T 28
F 29	9 0 54	16°35'38	6♍34	19°57	23°35	9° 4	10° 9	21°33	8°27	28°10	23°13	9°D 2	10°23	13°44	20°19	F 29
S 30	9 4 51	17°36'11	20°57	21°47	23°54	9°49	10° 2	21°29	8°30	28°11	23°14	9° 2	10°20	13°51	20°23	S 30
S 31	9 8 47	18♒36'43	4♎54	23♒38	24♓12	10♑34	9♍55	21♋25	8♒34	28♐13	23♓16	9♍ 3	10♍17	13♑58	20♒28	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22s17	11n 1	1s 1	24s19	0s50	9s43	0n 7	23s19	0s19	8n11	1n19	21n41	0n16	19s14	0s37	22s24	1n 5	17s48	16s18	7n46	7n 8	18s36	9s47	5n51
S 2	22 9	6 57	0n15	24 23	0 57	9 16	0 15	23 24	0 20	8 13	1 19	21 42	0 16	19 13	0 37	22 24	1 5	17 47	16 17	7 47	7 9	18 36	9 46	5 51
S 3	22 0	2 38	1 28	24 25	1 3	8 50	0 22	23 28	0 20	8 14	1 20	21 43	0 16	19 12	0 37	22 24	1 5	17 47	16 17	7 46	7 11	18 36	9 45	5 51
M 4	21 50	1s39	2 34	24 26	1 9	8 23	0 30	23 32	0 21	8 15	1 20	21 44	0 16	19 11	0 37	22 24	1 5	17 46	16 17	7 46	7 12	18 36	9 44	5 50
T 5	21 41	5 44	3 30	24 25	1 14	7 56	0 37	23 36	0 22	8 16	1 20	21 45	0 17	19 10	0 37	22 24	1 5	17 46	16 17	7 46	7 13	18 35	9 43	5 50
W 6	21 31	9 26	4 14	24 23	1 19	7 30	0 45	23 39	0 22	8 18	1 20	21 46	0 17	19 9	0 37	22 25	1 5	17 45	16 16	7 46	7 14	18 35	9 42	5 50
T 7	21 20	12 39	4 46	24 20	1 24	7 3	0 54	23 43	0 23	8 19	1 21	21 47	0 17	19 8	0 37	22 25	1 5	17 44	16 16	7 47	7 15	18 35	9 41	5 50
F 8	21 9	15 17	5 4	24 15	1 29	6 37	1 2	23 46	0 24	8 21	1 21	21 48	0 17	19 8	0 37	22 25	1 5	17 44	16 16	7 49	7 17	18 35	9 40	5 50
S 9	20 58	17 13	5 8	24 9	1 34	6 11	1 10	23 48	0 25	8 22	1 21	21 49	0 17	19 7	0 37	22 25	1 5	17 43	16 15	7 52	7 18	18 35	9 39	5 49
S 10	20 46	18 24	4 59	24 1	1 38	5 45	1 19	23 51	0 25	8 24	1 21	21 50	0 17	19 6	0 37	22 25	1 5	17 42	16 15	7 55	7 19	18 35	9 38	5 49
M11	20 34	18 47	4 38	23 52	1 42	5 19	1 28	23 53	0 26	8 26	1 22	21 51	0 17	19 5	0 37	22 25	1 5	17 42	16 15	7 58	7 20	18 35	9 37	5 49
T 12	20 21	18 20	4 4	23 41	1 46	4 53	1 37	23 55	0 27	8 28	1 22	21 52	0 17	19 4	0 37	22 25	1 5	17 41	16 14	8 1	7 21	18 35	9 36	5 49
W13	20 8	17 5	3 19	23 29	1 49	4 27	1 46	23 57	0 27	8 30	1 22	21 53	0 17	19 3	0 37	22 25	1 5	17 40	16 14	8 4	7 23	18 35	9 35	5 49
T 14	19 55	15 5	2 26	23 15	1 52	4 1	1 56	23 59	0 28	8 31	1 22	21 54	0 17	19 2	0 37	22 25	1 5	17 40	16 14	8 6	7 24	18 34	9 34	5 49
F 15	19 41	12 26	1 26	23 0	1 55	3 36	2 5	24 0	0 29	8 33	1 23	21 55	0 18	19 1	0 37	22 25	1 6	17 39	16 14	8 7	7 25	18 34	9 33	5 48
S 16	19 27	9 13	0 21	22 43	1 57	3 11	2 15	24 1	0 30	8 35	1 23	21 55	0 18	19 0	0 37	22 25	1 6	17 39	16 13	8 7	7 26	18 34	9 32	5 48
S 17	19 13	5 34	0s46	22 25	2 0	2 46	2 25	24 2	0 30	8 38	1 23	21 56	0 18	19 0	0 37	22 25	1 6	17 38	16 13	8 7	7 27	18 34	9 31	5 48
M18	18 58	1 38	1 52	22 5	2 1	2 22	2 35	24 2	0 31	8 40	1 23	21 57	0 18	18 59	0 37	22 25	1 6	17 37	16 13	8 7	7 29	18 34	9 29	5 48
T 19	18 43	2n27	2 54	21 43	2 3	1 58	2 45	24 3	0 32	8 42	1 24	21 58	0 18	18 58	0 37	22 25	1 6	17 37	16 13	8 6	7 30	18 34	9 28	5 48
W20	18 28	6 30	3 48	21 20	2 4	1 34	2 55	24 3	0 32	8 44	1 24	21 59	0 18	18 57	0 37	22 25	1 6	17 36	16 12	8 6	7 31	18 34	9 27	5 48
T 21	18 12	10 21	4 32	20 55	2 4	1 11	3 6	24 2	0 33	8 47	1 24	22 0	0 18	18 56	0 37	22 25	1 6	17 35	16 12	8 5	7 32	18 33	9 26	5 48
F 22	17 56	13 44	5 1	20 29	2 4	0 47	3 17	24 2	0 34	8 49	1 24	22 1	0 18	18 55	0 37	22 25	1 6	17 35	16 12	8 6	7 34	18 33	9 25	5 48
S 23	17 40	16 26	5 13	20 1	2 4	0 25	3 28	24 1	0 35	8 51	1 25	22 1	0 18	18 54	0 37	22 25	1 6	17 34	16 12	8 7	7 35	18 33	9 24	5 48
S 24	17 23	18 10	5 6	19 31	2 3	0 3	3 39	24 0	0 35	8 54	1 25	22 2	0 18	18 53	0 37	22 25	1 6	17 33	16 11	8 8	7 36	18 33	9 22	5 47
M25	17 6	18 43	4 39	19 0	2 2	0n19	3 50	23 59	0 36	8 56	1 25	22 3	0 19	18 52	0 37	22 25	1 6	17 33	16 11	8 9	7 37	18 33	9 21	5 47
T 26	16 49	17 58	3 52	18 27	2 0	0 40	4 1	23 58	0 37	8 59	1 25	22 4	0 19	18 51	0 37	22 25	1 6	17 32	16 11	8 11	7 38	18 33	9 20	5 47
W27	16 31	15 56	2 48	17 53	1 58	1 0	4 12	23 56	0 37	9 1	1 25	22 5	0 19	18 51	0 37	22 25	1 6	17 31	16 11	8 12	7 40	18 32	9 19	5 47
T 28	16 13	12 49	1 33	17 17	1 55	1 20	4 24	23 54	0 38	9 4	1 26	22 5	0 19	18 50	0 37	22 25	1 6	17 31	16 11	8 13	7 41	18 32	9 18	5 47
F 29	15 55	8 55	0 14	16 39	1 52	1 39	4 35	23 52	0 39	9 7	1 26	22 6	0 19	18 49	0 37	22 25	1 6	17 30	16 10	8 13	7 42	18 32	9 16	5 47
S 30	15 37	4 36	1n 5	16 0	1 48	1 58	4 47	23 49	0 40	9 9	1 26	22 7	0 19	18 48	0 37	22 25	1 6	17 29	16 10	8 13	7 43	18 32	9 15	5 47
S 31	15s18	0n 9	2n18	15s19	1s43	2n16	4n59	23s46	0s40	9n12	1n26	22n 8	0n19	18s47	0s37	22s25	1n 6	17s28	16s10	8n12	7n44	18s32	9s14	5n47

Julian Day Number = 2206109.5, Delta T = 09m42s
Ecliptic obliquity = 23°31'26, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°22'03, Lahiri = 14°29'04 Julian Calendar 1 Jan. 1328 == Greg. Calendar 9 Jan. 1328

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ASTRODIENST EPHEMERIS for the year 1328
geocentric

FEBRUARY 1328 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	9 12 44	19♒37'13	18♎25	25♒29	24♓28	11♉18	9°R48	21°R20	8♒37	28♐14	23♓17	9♍ 4	10♍14	14♉ 4	20♒32	M 1
T 2	9 16 40	20°37'42	1♏29	27°21	24°41	12° 3	9♍41	21♋16	8°41	28°16	23°18	9° 6	10°11	14°11	20°36	T 2
W 3	9 20 37	21°38'10	14°11	29°13	24°53	12°48	9°34	21°13	8°44	28°18	23°19	9° 7	10° 7	14°18	20°40	W 3
T 4	9 24 33	22°38'36	26°33	1♓ 5	25° 2	13°34	9°27	21° 9	8°48	28°19	23°21	9°R 7	10° 4	14°24	20°44	T 4
F 5	9 28 30	23°39'01	8♐40	2°57	25° 9	14°19	9°20	21° 5	8°51	28°21	23°22	9° 6	10° 1	14°31	20°49	F 5
S 6	9 32 27	24°39'24	20°38	4°49	25°13	15° 4	9°13	21° 1	8°54	28°22	23°23	9° 5	9°58	14°38	20°53	S 6
S 7	9 36 23	25°39'47	2♉29	6°41	25°R15	15°49	9° 5	20°58	8°58	28°24	23°25	9° 3	9°55	14°45	20°57	S 7
M 8	9 40 20	26°40'07	14°19	8°31	25°15	16°34	8°58	20°54	9° 1	28°25	23°26	9° 1	9°51	14°51	21° 1	M 8
T 9	9 44 16	27°40'26	26°10	10°20	25°12	17°19	8°50	20°51	9° 5	28°26	23°27	8°59	9°48	14°58	21° 5	T 9
W10	9 48 13	28°40'43	8♒ 6	12° 8	25° 7	18° 4	8°43	20°47	9° 8	28°28	23°29	8°58	9°45	15° 5	21°10	W10
T 11	9 52 9	29°40'59	20° 8	13°54	24°59	18°50	8°35	20°44	9°11	28°29	23°30	8°57	9°42	15°11	21°14	T 11
F 12	9 56 6	0♓41'13	2♓19	15°37	24°49	19°35	8°27	20°41	9°15	28°30	23°32	8°56	9°39	15°18	21°18	F 12
S 13	10 0 2	1°41'25	14°40	17°18	24°36	20°20	8°20	20°38	9°18	28°32	23°33	8°D56	9°36	15°25	21°22	S 13
S 14	10 3 59	2°41'35	27°13	18°55	24°21	21° 5	8°12	20°35	9°21	28°33	23°34	8°56	9°32	15°31	21°26	S 14
M15	10 7 56	3°41'43	9♈57	20°28	24° 3	21°51	8° 4	20°32	9°24	28°34	23°36	8°57	9°29	15°38	21°30	M15
T 16	10 11 52	4°41'49	22°55	21°56	23°43	22°36	7°56	20°29	9°28	28°35	23°37	8°57	9°26	15°45	21°34	T 16
W17	10 15 49	5°41'52	6♉ 8	23°20	23°21	23°21	7°48	20°26	9°31	28°36	23°39	8°58	9°23	15°52	21°39	W17
T 18	10 19 45	6°41'54	19°37	24°37	22°56	24° 7	7°41	20°24	9°34	28°37	23°40	8°58	9°20	15°58	21°43	T 18
F 19	10 23 42	7°41'54	3♊21	25°49	22°29	24°52	7°33	20°21	9°37	28°39	23°42	8°58	9°16	16° 5	21°47	F 19
S 20	10 27 38	8°41'51	17°22	26°53	22° 0	25°38	7°25	20°19	9°40	28°40	23°43	8°58	9°13	16°12	21°51	S 20
S 21	10 31 35	9°41'46	1♋38	27°51	21°30	26°23	7°17	20°16	9°44	28°41	23°44	8°58	9°10	16°18	21°55	S 21
M22	10 35 31	10°41'39	16° 6	28°41	20°57	27° 8	7° 9	20°14	9°47	28°42	23°46	8°58	9° 7	16°25	21°59	M22
T 23	10 39 28	11°41'30	0♌44	29°23	20°24	27°54	7° 2	20°12	9°50	28°43	23°47	8°59	9° 4	16°32	22° 3	T 23
W24	10 43 25	12°41'18	15°25	29°56	19°48	28°39	6°54	20°10	9°53	28°44	23°49	8°59	9° 1	16°38	22° 7	W24
T 25	10 47 21	13°41'04	0♍ 3	0♈21	19°12	29°25	6°46	20° 8	9°56	28°45	23°50	8°59	8°57	16°45	22°11	T 25
F 26	10 51 18	14°40'48	14°33	0°38	18°35	0♒10	6°38	20° 6	9°59	28°45	23°52	8°R59	8°54	16°52	22°15	F 26
S 27	10 55 14	15°40'30	28°47	0°R46	17°58	0°56	6°31	20° 4	10° 2	28°46	23°53	8°59	8°51	16°58	22°19	S 27
S 28	10 59 11	16°40'10	12♎42	0°46	17°20	1°42	6°23	20° 3	10° 5	28°47	23°55	8°58	8°48	17° 5	22°23	S 28
M29	11 3 7	17♓39'48	26♎14	0♈38	16♓42	2♒27	6♍15	20♋ 1	10♒ 8	28♐48	23♓56	8♍57	8♍45	17♉12	22♒26	M29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	14s59	4s 9	3n21	14s37	1s38	2n33	5n11	23s43	0s41	9n15	1n26	22n 8	0n19	18s46	0s37	22s25	1n 6	17s28	16s10	8n12	7n46	18s31	9s13	5n47
T 2	14 40	8 7	4 11	13 53	1 32	2 49	5 22	23 40	0 42	9 18	1 26	22 9	0 19	18 45	0 37	22 25	1 6	17 27	16 10	8 11	7 47	18 31	9 11	5 47
W 3	14 21	11 35	4 47	13 8	1 26	3 4	5 34	23 37	0 43	9 21	1 27	22 10	0 19	18 44	0 37	22 25	1 6	17 26	16 9	8 11	7 48	18 31	9 10	5 47
T 4	14 1	14 27	5 9	12 21	1 19	3 19	5 46	23 33	0 43	9 23	1 27	22 11	0 19	18 43	0 37	22 25	1 6	17 26	16 9	8 11	7 49	18 31	9 9	5 47
F 5	13 41	16 37	5 16	11 34	1 12	3 32	5 58	23 29	0 44	9 26	1 27	22 11	0 20	18 42	0 37	22 25	1 6	17 25	16 9	8 11	7 50	18 31	9 7	5 47
S 6	13 21	18 2	5 10	10 45	1 3	3 45	6 9	23 25	0 45	9 29	1 27	22 12	0 20	18 42	0 37	22 25	1 6	17 24	16 9	8 12	7 52	18 30	9 6	5 47
S 7	13 1	18 40	4 50	9 56	0 54	3 56	6 21	23 20	0 45	9 32	1 27	22 13	0 20	18 41	0 37	22 25	1 6	17 24	16 9	8 12	7 53	18 30	9 5	5 47
M 8	12 40	18 28	4 18	9 6	0 45	4 6	6 32	23 15	0 46	9 35	1 27	22 13	0 20	18 40	0 37	22 25	1 6	17 23	16 9	8 13	7 54	18 30	9 4	5 47
T 9	12 19	17 28	3 35	8 15	0 35	4 16	6 44	23 10	0 47	9 38	1 27	22 14	0 20	18 39	0 37	22 25	1 6	17 22	16 8	8 14	7 55	18 30	9 2	5 47
W10	11 59	15 41	2 43	7 24	0 24	4 24	6 55	23 5	0 48	9 41	1 28	22 14	0 20	18 38	0 37	22 25	1 6	17 22	16 8	8 14	7 56	18 30	9 1	5 47
T 11	11 37	13 12	1 42	6 33	0 12	4 30	7 5	23 0	0 48	9 44	1 28	22 15	0 20	18 37	0 37	22 25	1 6	17 21	16 8	8 15	7 58	18 29	9 0	5 47
F 12	11 16	10 7	0 37	5 42	0 0	4 36	7 16	22 54	0 49	9 47	1 28	22 15	0 20	18 36	0 37	22 25	1 6	17 20	16 8	8 15	7 59	18 29	8 58	5 47
S 13	10 55	6 33	0s32	4 51	0n12	4 40	7 26	22 48	0 50	9 50	1 28	22 16	0 20	18 35	0 37	22 25	1 6	17 20	16 8	8 15	8 0	18 29	8 57	5 47
S 14	10 33	2 38	1 40	4 1	0 25	4 43	7 36	22 42	0 51	9 53	1 28	22 17	0 20	18 35	0 37	22 25	1 6	17 19	16 8	8 15	8 1	18 29	8 56	5 47
M15	10 11	1n27	2 44	3 12	0 39	4 44	7 45	22 35	0 51	9 56	1 28	22 17	0 20	18 34	0 37	22 25	1 6	17 18	16 8	8 15	8 2	18 28	8 54	5 47
T 16	9 49	5 32	3 41	2 25	0 52	4 45	7 54	22 29	0 52	9 59	1 28	22 18	0 20	18 33	0 37	22 25	1 6	17 18	16 8	8 14	8 4	18 28	8 53	5 47
W17	9 27	9 25	4 27	1 39	1 6	4 43	8 2	22 22	0 53	10 2	1 28	22 18	0 21	18 32	0 37	22 25	1 6	17 17	16 7	8 14	8 5	18 28	8 52	5 47
T 18	9 5	12 53	5 0	0 55	1 20	4 41	8 9	22 14	0 53	10 5	1 28	22 19	0 21	18 31	0 37	22 25	1 6	17 16	16 7	8 14	8 6	18 28	8 50	5 47
F 19	8 43	15 44	5 16	0 14	1 34	4 36	8 16	22 7	0 54	10 8	1 28	22 19	0 21	18 30	0 37	22 25	1 6	17 16	16 7	8 14	8 7	18 27	8 49	5 47
S 20	8 20	17 42	5 14	0n25	1 48	4 31	8 23	21 59	0 55	10 11	1 28	22 19	0 21	18 30	0 37	22 25	1 6	17 15	16 7	8 14	8 8	18 27	8 48	5 47
S 21	7 58	18 38	4 53	1 0	2 2	4 24	8 28	21 52	0 56	10 14	1 28	22 20	0 21	18 29	0 37	22 25	1 6	17 14	16 7	8 14	8 10	18 27	8 46	5 47
M22	7 35	18 21	4 13	1 32	2 15	4 15	8 33	21 43	0 56	10 17	1 29	22 20	0 21	18 28	0 37	22 25	1 6	17 14	16 7	8 14	8 11	18 27	8 45	5 47
T 23	7 12	16 52	3 17	2 1	2 28	4 5	8 36	21 35	0 57	10 20	1 29	22 21	0 21	18 27	0 37	22 25	1 6	17 13	16 7	8 14	8 12	18 26	8 44	5 47
W24	6 49	14 15	2 7	2 25	2 40	3 54	8 39	21 27	0 58	10 23	1 29	22 21	0 21	18 26	0 37	22 25	1 6	17 12	16 7	8 14	8 13	18 26	8 42	5 47
T 25	6 26	10 43	0 49	2 45	2 51	3 42	8 41	21 18	0 58	10 26	1 29	22 21	0 21	18 25	0 38	22 25	1 6	17 12	16 7	8 14	8 14	18 26	8 41	5 48
F 26	6 3	6 35	0n31	3 2	3 1	3 29	8 42	21 9	0 59	10 29	1 29	22 22	0 21	18 25	0 38	22 25	1 6	17 11	16 7	8 14	8 16	18 26	8 40	5 48
S 27	5 40	2 8	1 48	3 13	3 11	3 14	8 42	21 0	1 0	10 32	1 29	22 22	0 21	18 24	0 38	22 25	1 6	17 10	16 7	8 14	8 17	18 25	8 38	5 48
S 28	5 17	2s19	2 56	3 20	3 18	2 58	8 41	20 50	1 0	10 34	1 29	22 22	0 21	18 23	0 38	22 25	1 6	17 10	16 7	8 14	8 18	18 25	8 37	5 48
M29	4s54	6s32	3n53	3n23	3n25	2n42	8n39	20s40	1s 1	10n37	1n29	22n23	0n21	18s22	0s38	22s25	1n 6	17s 9	16s 7	8n15	8n19	18s25	8s36	5n48

Julian Day Number = 2206140.5, Delta T = 09m41s
Ecliptic obliquity = 23°31'27, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°22'07, Lahiri = 14°29'08 Julian Calendar 1 Feb. 1328 == Greg. Calendar 9 Feb. 1328

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ASTRODIENST EPHEMERIS for the year 1328
geocentric

MARCH 1328 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	11 7 4	18♓39'25	9♏23	0°R21	16°R 4	3♒13	6°R 8	20°R 0	10♒11	28♐49	23♓58	8°R56	8♍42	17♉19	22♒30	T 1
W 2	11 11 0	19°38'59	22°10	29♓58	15♓27	3°58	6♍ 0	19♋58	10°14	28°49	23°59	8♍55	8°38	17°25	22°34	W 2
T 3	11 14 57	20°38'32	4♐37	29°27	14°50	4°44	5°53	19°57	10°16	28°50	24° 1	8°54	8°35	17°32	22°38	T 3
F 4	11 18 53	21°38'03	16°48	28°51	14°15	5°30	5°46	19°56	10°19	28°51	24° 2	8°D53	8°32	17°39	22°42	F 4
S 5	11 22 50	22°37'32	28°47	28° 9	13°41	6°15	5°39	19°55	10°22	28°51	24° 4	8°53	8°29	17°45	22°46	S 5
S 6	11 26 47	23°36'59	10♉39	27°23	13° 8	7° 1	5°31	19°54	10°25	28°52	24° 5	8°54	8°26	17°52	22°49	S 6
M 7	11 30 43	24°36'25	22°30	26°34	12°36	7°47	5°24	19°53	10°28	28°52	24° 7	8°55	8°22	17°59	22°53	M 7
T 8	11 34 40	25°35'49	4♒22	25°43	12° 6	8°32	5°17	19°53	10°30	28°53	24° 8	8°56	8°19	18° 5	22°57	T 8
W 9	11 38 36	26°35'10	16°21	24°51	11°39	9°18	5°10	19°52	10°33	28°53	24°10	8°58	8°16	18°12	23° 0	W 9
T 10	11 42 33	27°34'30	28°31	24° 0	11°13	10° 4	5° 4	19°52	10°36	28°54	24°11	8°59	8°13	18°19	23° 4	T 10
F 11	11 46 29	28°33'48	10♓52	23° 9	10°49	10°50	4°57	19°51	10°38	28°54	24°13	8°R59	8°10	18°25	23° 8	F 11
S 12	11 50 26	29°33'04	23°29	22°20	10°28	11°35	4°50	19°51	10°41	28°55	24°14	8°59	8° 7	18°32	23°11	S 12
S 13	11 54 22	0♈32'18	6♈21	21°34	10° 9	12°21	4°44	19°51	10°43	28°55	24°16	8°57	8° 3	18°39	23°15	S 13
M14	11 58 19	1°31'30	19°29	20°52	9°53	13° 7	4°37	19°D51	10°46	28°55	24°17	8°54	8° 0	18°46	23°18	M14
T 15	12 2 16	2°30'39	2♉52	20°14	9°38	13°53	4°31	19°51	10°48	28°56	24°19	8°51	7°57	18°52	23°22	T 15
W16	12 6 12	3°29'47	16°27	19°40	9°27	14°38	4°25	19°51	10°51	28°56	24°20	8°47	7°54	18°59	23°25	W16
T 17	12 10 9	4°28'52	0♊14	19°12	9°17	15°24	4°19	19°52	10°53	28°56	24°22	8°44	7°51	19° 6	23°29	T 17
F 18	12 14 5	5°27'55	14°11	18°49	9°10	16°10	4°13	19°52	10°56	28°56	24°23	8°41	7°48	19°12	23°32	F 18
S 19	12 18 2	6°26'55	28°14	18°31	9° 6	16°56	4° 8	19°53	10°58	28°57	24°25	8°40	7°44	19°19	23°35	S 19
S 20	12 21 58	7°25'54	12♋24	18°19	9°D 4	17°42	4° 2	19°53	11° 0	28°57	24°26	8°D39	7°41	19°26	23°39	S 20
M21	12 25 55	8°24'50	26°37	18°12	9° 4	18°27	3°57	19°54	11° 3	28°57	24°27	8°40	7°38	19°32	23°42	M21
T 22	12 29 51	9°23'43	10♌51	18°D11	9° 7	19°13	3°51	19°55	11° 5	28°57	24°29	8°42	7°35	19°39	23°45	T 22
W23	12 33 48	10°22'34	25° 5	18°15	9°12	19°59	3°46	19°56	11° 7	28°R57	24°30	8°43	7°32	19°46	23°48	W23
T 24	12 37 45	11°21'23	9♍15	18°24	9°19	20°45	3°41	19°57	11° 9	28°57	24°32	8°R44	7°28	19°52	23°51	T 24
F 25	12 41 41	12°20'10	23°18	18°39	9°28	21°30	3°36	19°58	11°11	28°57	24°33	8°43	7°25	19°59	23°54	F 25
S 26	12 45 38	13°18'54	7♎11	18°58	9°40	22°16	3°32	20° 0	11°13	28°57	24°35	8°40	7°22	20° 6	23°57	S 26
S 27	12 49 34	14°17'36	20°49	19°22	9°54	23° 2	3°27	20° 1	11°15	28°57	24°36	8°36	7°19	20°12	24° 0	S 27
M28	12 53 31	15°16'17	4♏11	19°50	10° 9	23°48	3°23	20° 3	11°17	28°56	24°38	8°31	7°16	20°19	24° 3	M28
T 29	12 57 27	16°14'56	17°15	20°22	10°27	24°34	3°19	20° 4	11°19	28°56	24°39	8°24	7°13	20°26	24° 6	T 29
W30	13 1 24	17°13'32	29°59	20°59	10°47	25°19	3°15	20° 6	11°21	28°56	24°40	8°18	7° 9	20°33	24° 9	W30
T 31	13 5 20	18♈12'07	12♐27	21♓39	11♓ 8	26♒ 5	3♍11	20♋ 8	11♒23	28♐56	24♓42	8♍12	7♍ 6	20♉39	24♒12	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	4s30	10s18	4n36	3n21	3n30	2n25	8n36	20s31	1s 2	10n40	1n29	22n23	0n21	18s22	0s38	22s25	1n 6	17s 9	16s 7	8n15	8n20	18s24	8s34	5n48
W 2	4 7	13 29	5 3	3 14	3 33	2 7	8 32	20 21	1 3	10 43	1 29	22 23	0 22	18 21	0 38	22 25	1 7	17 8	16 7	8 15	8 22	18 24	8 33	5 48
T 3	3 43	15 57	5 16	3 4	3 35	1 49	8 27	20 10	1 3	10 45	1 29	22 23	0 22	18 20	0 38	22 25	1 7	17 7	16 7	8 16	8 23	18 24	8 32	5 48
F 4	3 20	17 40	5 14	2 49	3 34	1 30	8 22	20 0	1 4	10 48	1 29	22 24	0 22	18 19	0 38	22 25	1 7	17 7	16 7	8 16	8 24	18 24	8 30	5 48
S 5	2 56	18 33	4 58	2 30	3 32	1 11	8 15	19 49	1 5	10 51	1 29	22 24	0 22	18 19	0 38	22 25	1 7	17 6	16 7	8 16	8 25	18 23	8 29	5 49
S 6	2 33	18 37	4 30	2 8	3 28	0 52	8 8	19 38	1 5	10 53	1 29	22 24	0 22	18 18	0 38	22 25	1 7	17 6	16 7	8 16	8 26	18 23	8 28	5 49
M 7	2 9	17 52	3 50	1 43	3 22	0 32	8 0	19 27	1 6	10 56	1 29	22 24	0 22	18 17	0 38	22 25	1 7	17 5	16 7	8 15	8 28	18 23	8 26	5 49
T 8	1 45	16 19	3 0	1 16	3 15	0 13	7 51	19 16	1 7	10 59	1 28	22 24	0 22	18 16	0 38	22 24	1 7	17 4	16 7	8 15	8 29	18 22	8 25	5 49
W 9	1 22	14 3	2 2	0 47	3 5	0s 6	7 42	19 4	1 7	11 1	1 28	22 25	0 22	18 16	0 38	22 24	1 7	17 4	16 7	8 14	8 30	18 22	8 24	5 49
T 10	0 58	11 8	0 58	0 17	2 55	0 25	7 32	18 53	1 8	11 4	1 28	22 25	0 22	18 15	0 38	22 24	1 7	17 3	16 7	8 14	8 31	18 22	8 22	5 49
F 11	0 34	7 40	0s10	0s14	2 43	0 44	7 21	18 41	1 9	11 6	1 28	22 25	0 22	18 14	0 38	22 24	1 7	17 3	16 7	8 14	8 32	18 21	8 21	5 49
S 12	0 11	3 48	1 19	0 46	2 30	1 2	7 10	18 29	1 9	11 8	1 28	22 25	0 22	18 14	0 38	22 24	1 7	17 2	16 7	8 14	8 33	18 21	8 20	5 50
S 13	0n13	0n19	2 25	1 17	2 16	1 19	6 59	18 16	1 10	11 11	1 28	22 25	0 22	18 13	0 38	22 24	1 7	17 2	16 7	8 15	8 35	18 21	8 18	5 50
M14	0 37	4 29	3 25	1 47	2 1	1 36	6 47	18 4	1 11	11 13	1 28	22 25	0 22	18 12	0 38	22 24	1 7	17 1	16 7	8 16	8 36	18 20	8 17	5 50
T 15	1 0	8 31	4 14	2 16	1 45	1 53	6 35	17 51	1 11	11 15	1 28	22 25	0 22	18 12	0 38	22 24	1 7	17 0	16 7	8 17	8 37	18 20	8 16	5 50
W16	1 24	12 10	4 50	2 44	1 30	2 9	6 23	17 39	1 12	11 17	1 28	22 25	0 22	18 11	0 38	22 24	1 7	17 0	16 7	8 18	8 38	18 20	8 15	5 50
T 17	1 47	15 13	5 10	3 10	1 14	2 24	6 10	17 26	1 13	11 19	1 28	22 25	0 22	18 10	0 38	22 24	1 7	16 59	16 7	8 20	8 39	18 19	8 13	5 51
F 18	2 11	17 25	5 12	3 33	0 58	2 38	5 58	17 13	1 13	11 21	1 28	22 25	0 23	18 10	0 38	22 24	1 7	16 59	16 7	8 21	8 41	18 19	8 12	5 51
S 19	2 34	18 35	4 56	3 55	0 42	2 51	5 45	16 59	1 14	11 23	1 28	22 25	0 23	18 9	0 38	22 24	1 7	16 58	16 7	8 21	8 42	18 19	8 11	5 51
S 20	2 58	18 37	4 21	4 14	0 26	3 4	5 32	16 46	1 15	11 25	1 27	22 25	0 23	18 8	0 38	22 24	1 7	16 58	16 7	8 21	8 43	18 18	8 9	5 51
M21	3 21	17 28	3 31	4 31	0 11	3 16	5 20	16 32	1 15	11 27	1 27	22 25	0 23	18 8	0 38	22 24	1 7	16 57	16 7	8 21	8 44	18 18	8 8	5 51
T 22	3 44	15 13	2 27	4 45	0s 4	3 27	5 7	16 19	1 16	11 29	1 27	22 25	0 23	18 7	0 38	22 24	1 7	16 57	16 7	8 20	8 45	18 18	8 7	5 52
W23	4 7	12 3	1 14	4 56	0 18	3 36	4 54	16 5	1 16	11 31	1 27	22 25	0 23	18 7	0 38	22 24	1 7	16 56	16 8	8 20	8 47	18 17	8 6	5 52
T 24	4 30	8 10	0n 3	5 5	0 32	3 46	4 41	15 51	1 17	11 32	1 27	22 25	0 23	18 6	0 38	22 24	1 7	16 56	16 8	8 20	8 48	18 17	8 5	5 52
F 25	4 54	3 52	1 19	5 12	0 45	3 54	4 29	15 36	1 18	11 34	1 27	22 25	0 23	18 6	0 38	22 24	1 7	16 55	16 8	8 20	8 49	18 17	8 3	5 52
S 26	5 16	0s35	2 29	5 16	0 57	4 1	4 16	15 22	1 18	11 36	1 27	22 24	0 23	18 5	0 38	22 24	1 7	16 55	16 8	8 21	8 50	18 16	8 2	5 52
S 27	5 39	4 55	3 29	5 17	1 9	4 7	4 4	15 8	1 19	11 37	1 27	22 24	0 23	18 5	0 38	22 24	1 7	16 54	16 8	8 22	8 51	18 16	8 1	5 53
M28	6 2	8 56	4 17	5 16	1 21	4 13	3 51	14 53	1 19	11 39	1 26	22 24	0 23	18 4	0 38	22 24	1 7	16 54	16 8	8 24	8 52	18 15	8 0	5 53
T 29	6 25	12 25	4 50	5 13	1 31	4 17	3 39	14 38	1 20	11 40	1 26	22 24	0 23	18 4	0 38	22 24	1 7	16 54	16 8	8 27	8 54	18 15	7 59	5 53
W30	6 47	15 13	5 7	5 8	1 41	4 21	3 27	14 23	1 21	11 41	1 26	22 24	0 23	18 3	0 38	22 24	1 7	16 53	16 8	8 29	8 55	18 15	7 57	5 53
T 31	7n10	17s15	5n 9	5s 1	1s50	4s24	3n16	14s 8	1s21	11n43	1n26	22n24	0n23	18s 3	0s38	22s24	1n 7	16s53	16s 9	8n31	8n56	18s14	7s56	5n54

Julian Day Number = 2206169.5, Delta T = 09m41s
Ecliptic obliquity = 23°31'27, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°22'11, Lahiri = 14°29'12 Julian Calendar 1 March 1328 == Greg. Calendar 9 March 1328

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ASTRODIENST EPHEMERIS for the year 1328
geocentric

APRIL 1328 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	13 9 17	19♈10'41	24♐39	22♓24	11♓31	26♒51	3°R 7	20♋10	11♒25	28°R56	24♓43	8°R 7	7♍ 3	20♉46	24♒15	F 1
S 2	13 13 13	20° 9'13	6♉40	23°11	11°56	27°37	3♍ 4	20°12	11°26	28♐55	24°45	8♍ 5	7° 0	20°53	24°18	S 2
S 3	13 17 10	21° 7'43	18°33	24° 2	12°23	28°22	3° 0	20°14	11°28	28°55	24°46	8°D 3	6°57	20°59	24°20	S 3
M 4	13 21 7	22° 6'11	0♒23	24°56	12°51	29° 8	2°57	20°16	11°30	28°55	24°47	8° 4	6°53	21° 6	24°23	M 4
T 5	13 25 3	23° 4'38	12°17	25°54	13°21	29°54	2°54	20°18	11°32	28°54	24°49	8° 5	6°50	21°13	24°26	T 5
W 6	13 29 0	24° 3'03	24°17	26°54	13°52	0♓40	2°51	20°21	11°33	28°54	24°50	8° 6	6°47	21°19	24°28	W 6
T 7	13 32 56	25° 1'26	6♓31	27°57	14°25	1°25	2°49	20°24	11°35	28°53	24°51	8°R 7	6°44	21°26	24°31	T 7
F 8	13 36 53	25°59'48	19° 0	29° 3	14°59	2°11	2°46	20°26	11°36	28°53	24°53	8° 7	6°41	21°33	24°33	F 8
S 9	13 40 49	26°58'08	1♈49	0♈11	15°34	2°57	2°44	20°29	11°38	28°52	24°54	8° 4	6°38	21°39	24°36	S 9
S 10	13 44 46	27°56'26	14°59	1°22	16°10	3°42	2°42	20°32	11°39	28°52	24°55	7°59	6°34	21°46	24°38	S 10
M11	13 48 42	28°54'42	28°29	2°35	16°48	4°28	2°40	20°35	11°40	28°51	24°56	7°53	6°31	21°53	24°40	M11
T 12	13 52 39	29°52'57	12♉17	3°50	17°27	5°14	2°38	20°38	11°42	28°50	24°58	7°44	6°28	21°59	24°43	T 12
W13	13 56 36	0♉51'10	26°20	5° 8	18° 7	5°59	2°37	20°41	11°43	28°50	24°59	7°36	6°25	22° 6	24°45	W13
T 14	14 0 32	1°49'21	10♊34	6°28	18°48	6°45	2°35	20°44	11°44	28°49	25° 0	7°28	6°22	22°13	24°47	T 14
F 15	14 4 29	2°47'30	24°52	7°51	19°30	7°31	2°34	20°48	11°45	28°48	25° 1	7°21	6°19	22°19	24°49	F 15
S 16	14 8 25	3°45'38	9♋11	9°15	20°13	8°16	2°33	20°51	11°46	28°48	25° 3	7°16	6°15	22°26	24°51	S 16
S 17	14 12 22	4°43'43	23°26	10°42	20°57	9° 2	2°32	20°55	11°48	28°47	25° 4	7°14	6°12	22°33	24°53	S 17
M18	14 16 18	5°41'46	7♌36	12°10	21°41	9°47	2°32	20°58	11°49	28°46	25° 5	7°D13	6° 9	22°40	24°55	M18
T 19	14 20 15	6°39'47	21°38	13°41	22°27	10°33	2°31	21° 2	11°50	28°45	25° 6	7°14	6° 6	22°46	24°57	T 19
W20	14 24 11	7°37'47	5♍32	15°14	23°14	11°18	2°31	21° 6	11°50	28°45	25° 7	7°R14	6° 3	22°53	24°59	W20
T 21	14 28 8	8°35'44	19°19	16°48	24° 1	12° 4	2°D31	21°10	11°51	28°44	25° 9	7°14	5°59	23° 0	25° 1	T 21
F 22	14 32 5	9°33'39	2♎56	18°25	24°49	12°49	2°31	21°14	11°52	28°43	25°10	7°11	5°56	23° 6	25° 3	F 22
S 23	14 36 1	10°31'33	16°23	20° 4	25°38	13°34	2°31	21°18	11°53	28°42	25°11	7° 6	5°53	23°13	25° 4	S 23
S 24	14 39 58	11°29'25	29°39	21°45	26°28	14°20	2°32	21°22	11°54	28°41	25°12	6°58	5°50	23°20	25° 6	S 24
M25	14 43 54	12°27'16	12♏43	23°27	27°18	15° 5	2°32	21°26	11°54	28°40	25°13	6°48	5°47	23°26	25° 8	M25
T 26	14 47 51	13°25'05	25°33	25°12	28° 9	15°50	2°33	21°30	11°55	28°39	25°14	6°37	5°44	23°33	25° 9	T 26
W27	14 51 47	14°22'52	8♐ 8	26°59	29° 0	16°36	2°34	21°35	11°56	28°38	25°15	6°25	5°40	23°40	25°11	W27
T 28	14 55 44	15°20'39	20°29	28°48	29°53	17°21	2°35	21°39	11°56	28°37	25°16	6°14	5°37	23°46	25°12	T 28
F 29	14 59 40	16°18'24	2♉38	0♉39	0♈45	18° 6	2°37	21°44	11°57	28°36	25°17	6° 5	5°34	23°53	25°13	F 29
S 30	15 3 37	17♉16'07	14♉37	2♉32	1♈39	18♓51	2♍38	21♋48	11♒57	28♐35	25♓18	5♍58	5♍31	24♉ 0	25♒15	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	7n32	18s28	4n58	4s51	1s59	4s26	3n 4	13s53	1s22	11n44	1n26	22n23	0n23	18s 2	0s39	22s24	1n 7	16s52	16s 9	8n33	8n57	18s14	7s55	5n54
S 2	7 54	18 49	4 33	4 39	2 7	4 27	2 53	13 38	1 22	11 45	1 26	22 23	0 23	18 2	0 39	22 24	1 7	16 52	16 9	8 34	8 58	18 14	7 54	5 54
S 3	8 16	18 20	3 56	4 26	2 14	4 27	2 42	13 23	1 23	11 46	1 26	22 23	0 23	18 1	0 39	22 24	1 7	16 52	16 9	8 35	9 0	18 13	7 53	5 54
M 4	8 38	17 3	3 10	4 10	2 21	4 26	2 31	13 7	1 23	11 47	1 25	22 23	0 23	18 1	0 39	22 24	1 7	16 51	16 9	8 35	9 1	18 13	7 52	5 55
T 5	9 0	15 1	2 15	3 53	2 26	4 25	2 20	12 51	1 24	11 48	1 25	22 22	0 24	18 0	0 39	22 24	1 7	16 51	16 9	8 34	9 2	18 12	7 51	5 55
W 6	9 22	12 18	1 14	3 33	2 32	4 23	2 9	12 36	1 24	11 49	1 25	22 22	0 24	18 0	0 39	22 24	1 7	16 50	16 9	8 34	9 3	18 12	7 50	5 55
T 7	9 43	9 1	0 9	3 12	2 36	4 20	1 59	12 20	1 25	11 50	1 25	22 22	0 24	18 0	0 39	22 24	1 8	16 50	16 10	8 33	9 4	18 12	7 48	5 55
F 8	10 5	5 16	0s58	2 50	2 40	4 16	1 49	12 4	1 26	11 50	1 25	22 21	0 24	17 59	0 39	22 24	1 8	16 50	16 10	8 33	9 5	18 11	7 47	5 56
S 9	10 26	1 10	2 4	2 26	2 44	4 12	1 39	11 48	1 26	11 51	1 25	22 21	0 24	17 59	0 39	22 24	1 8	16 49	16 10	8 34	9 7	18 11	7 46	5 56
S 10	10 47	3n 4	3 5	2 0	2 46	4 6	1 29	11 32	1 27	11 52	1 24	22 20	0 24	17 58	0 39	22 24	1 8	16 49	16 10	8 36	9 8	18 10	7 45	5 56
M11	11 8	7 17	3 57	1 33	2 48	4 1	1 20	11 15	1 27	11 52	1 24	22 20	0 24	17 58	0 39	22 24	1 8	16 49	16 10	8 39	9 9	18 10	7 44	5 57
T 12	11 28	11 11	4 37	1 4	2 50	3 54	1 10	10 59	1 28	11 53	1 24	22 20	0 24	17 58	0 39	22 24	1 8	16 48	16 11	8 42	9 10	18 9	7 43	5 57
W13	11 49	14 32	5 0	0 34	2 51	3 47	1 1	10 43	1 28	11 53	1 24	22 19	0 24	17 57	0 39	22 23	1 8	16 48	16 11	8 45	9 11	18 9	7 42	5 57
T 14	12 9	17 4	5 5	0 2	2 51	3 39	0 52	10 26	1 29	11 53	1 24	22 19	0 24	17 57	0 39	22 23	1 8	16 48	16 11	8 48	9 13	18 9	7 41	5 57
F 15	12 29	18 34	4 52	0n31	2 51	3 30	0 44	10 10	1 29	11 54	1 23	22 18	0 24	17 57	0 39	22 23	1 8	16 47	16 11	8 51	9 14	18 8	7 40	5 58
S 16	12 49	18 53	4 20	1 5	2 50	3 21	0 35	9 53	1 29	11 54	1 23	22 18	0 24	17 57	0 39	22 23	1 8	16 47	16 12	8 52	9 15	18 8	7 39	5 58
S 17	13 9	18 0	3 32	1 40	2 48	3 11	0 27	9 36	1 30	11 54	1 23	22 17	0 24	17 56	0 39	22 23	1 8	16 47	16 12	8 53	9 16	18 7	7 38	5 58
M18	13 28	15 59	2 32	2 17	2 46	3 1	0 19	9 19	1 30	11 54	1 23	22 17	0 24	17 56	0 39	22 23	1 8	16 47	16 12	8 53	9 17	18 7	7 37	5 59
T 19	13 47	13 2	1 23	2 55	2 43	2 50	0 11	9 2	1 31	11 54	1 23	22 16	0 24	17 56	0 39	22 23	1 8	16 46	16 12	8 53	9 18	18 6	7 36	5 59
W20	14 6	9 22	0 9	3 33	2 40	2 38	0 4	8 45	1 31	11 54	1 22	22 16	0 24	17 56	0 39	22 23	1 8	16 46	16 12	8 53	9 20	18 6	7 36	5 59
T 21	14 25	5 14	1n 4	4 13	2 36	2 26	0s 3	8 28	1 32	11 54	1 22	22 15	0 24	17 55	0 39	22 23	1 8	16 46	16 13	8 53	9 21	18 5	7 35	6 0
F 22	14 44	0 51	2 13	4 54	2 32	2 14	0 11	8 11	1 32	11 53	1 22	22 15	0 24	17 55	0 39	22 23	1 8	16 46	16 13	8 54	9 22	18 5	7 34	6 0
S 23	15 2	3s30	3 13	5 36	2 27	2 1	0 18	7 54	1 33	11 53	1 22	22 14	0 24	17 55	0 39	22 23	1 8	16 45	16 13	8 56	9 23	18 5	7 33	6 0
S 24	15 20	7 37	4 2	6 19	2 22	1 47	0 24	7 37	1 33	11 53	1 22	22 13	0 25	17 55	0 39	22 23	1 8	16 45	16 14	8 59	9 24	18 4	7 32	6 0
M25	15 38	11 19	4 37	7 2	2 16	1 33	0 31	7 20	1 33	11 52	1 21	22 13	0 25	17 55	0 39	22 23	1 8	16 45	16 14	9 3	9 25	18 4	7 31	6 1
T 26	15 55	14 24	4 57	7 47	2 10	1 18	0 37	7 3	1 34	11 52	1 21	22 12	0 25	17 55	0 39	22 23	1 8	16 45	16 14	9 7	9 27	18 3	7 31	6 1
W27	16 13	16 46	5 2	8 32	2 3	1 4	0 43	6 45	1 34	11 51	1 21	22 12	0 25	17 54	0 39	22 23	1 8	16 45	16 14	9 11	9 28	18 3	7 30	6 1
T 28	16 30	18 18	4 53	9 17	1 55	0 48	0 49	6 28	1 35	11 51	1 21	22 11	0 25	17 54	0 40	22 23	1 8	16 45	16 15	9 15	9 29	18 2	7 29	6 2
F 29	16 46	18 59	4 31	10 4	1 48	0 32	0 55	6 10	1 35	11 50	1 21	22 10	0 25	17 54	0 40	22 23	1 8	16 44	16 15	9 19	9 30	18 2	7 28	6 2
S 30	17n 3	18s47	3n57	10n50	1s39	0s16	1s 1	5s53	1s35	11n49	1n20	22n10	0n25	17s54	0s40	22s23	1n 8	16s44	16s15	9n21	9n31	18s 1	7s27	6n 2

Julian Day Number = 2206200.5, Delta T = 09m41s
Ecliptic obliquity = 23°31'27, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°22'16, Lahiri = 14°29'16 Julian Calendar 1 Apr. 1328 == Greg. Calendar 9 Apr. 1328

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ASTRODIENST EPHEMERIS for the year 1328
geocentric

MAY 1328 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	15 7 34	18♉13'50	26♋28	4♉27	2♈33	19♓37	2♍40	21♋53	11♒58	28°R34	25♓19	5°R54	5♍28	24♋ 6	25♒16	S 1
M 2	15 11 30	19°11'32	8♒18	6°23	3°27	20°22	2°42	21°58	11°58	28♐32	25°20	5♍52	5°25	24°13	25°17	M 2
T 3	15 15 27	20° 9'12	20°10	8°22	4°22	21° 7	2°44	22° 3	11°58	28°31	25°21	5°D51	5°21	24°20	25°18	T 3
W 4	15 19 23	21° 6'51	2♓11	10°23	5°18	21°52	2°46	22° 8	11°58	28°30	25°22	5°R51	5°18	24°26	25°19	W 4
T 5	15 23 20	22° 4'29	14°24	12°25	6°14	22°37	2°49	22°13	11°59	28°29	25°23	5°51	5°15	24°33	25°20	T 5
F 6	15 27 16	23° 2'07	26°57	14°29	7°10	23°22	2°51	22°18	11°59	28°28	25°24	5°50	5°12	24°40	25°21	F 6
S 7	15 31 13	23°59'43	9♈51	16°35	8° 7	24° 7	2°54	22°23	11°59	28°26	25°25	5°46	5° 9	24°46	25°22	S 7
S 8	15 35 9	24°57'18	23°11	18°42	9° 4	24°52	2°57	22°28	11°59	28°25	25°26	5°39	5° 5	24°53	25°23	S 8
M 9	15 39 6	25°54'52	6♉56	20°51	10° 2	25°37	3° 0	22°34	11°R59	28°24	25°27	5°31	5° 2	25° 0	25°24	M 9
T 10	15 43 2	26°52'26	21° 5	23° 1	11° 0	26°21	3° 3	22°39	11°59	28°23	25°27	5°20	4°59	25° 6	25°25	T 10
W11	15 46 59	27°49'58	5♊32	25°11	11°59	27° 6	3° 7	22°45	11°59	28°21	25°28	5° 9	4°56	25°13	25°25	W11
T 12	15 50 56	28°47'29	20°11	27°23	12°58	27°51	3°10	22°50	11°59	28°20	25°29	4°58	4°53	25°20	25°26	T 12
F 13	15 54 52	29°44'59	4♋55	29°35	13°57	28°36	3°14	22°56	11°59	28°19	25°30	4°48	4°50	25°26	25°26	F 13
S 14	15 58 49	0♊42'27	19°35	1♊47	14°56	29°20	3°18	23° 1	11°58	28°17	25°31	4°42	4°46	25°33	25°27	S 14
S 15	16 2 45	1°39'55	4♌ 6	3°59	15°56	0♈ 5	3°22	23° 7	11°58	28°16	25°31	4°38	4°43	25°40	25°27	S 15
M16	16 6 42	2°37'21	18°24	6°10	16°56	0°49	3°27	23°13	11°58	28°14	25°32	4°36	4°40	25°47	25°28	M16
T 17	16 10 38	3°34'46	2♍26	8°21	17°57	1°34	3°31	23°19	11°57	28°13	25°33	4°36	4°37	25°53	25°28	T 17
W18	16 14 35	4°32'09	16°13	10°31	18°58	2°18	3°36	23°25	11°57	28°12	25°33	4°36	4°34	26° 0	25°28	W18
T 19	16 18 32	5°29'32	29°46	12°40	19°59	3° 3	3°40	23°31	11°56	28°10	25°34	4°34	4°30	26° 7	25°28	T 19
F 20	16 22 28	6°26'53	13♎ 5	14°47	21° 0	3°47	3°45	23°37	11°56	28° 9	25°35	4°31	4°27	26°13	25°28	F 20
S 21	16 26 25	7°24'13	26°11	16°53	22° 2	4°31	3°50	23°43	11°55	28° 7	25°35	4°25	4°24	26°20	25°R28	S 21
S 22	16 30 21	8°21'32	9♏ 6	18°57	23° 4	5°15	3°55	23°49	11°55	28° 6	25°36	4°16	4°21	26°27	25°28	S 22
M23	16 34 18	9°18'50	21°50	21° 0	24° 6	5°59	4° 1	23°55	11°54	28° 4	25°36	4° 5	4°18	26°33	25°28	M23
T 24	16 38 14	10°16'08	4♐23	23° 0	25° 9	6°43	4° 6	24° 2	11°53	28° 3	25°37	3°52	4°15	26°40	25°28	T 24
W25	16 42 11	11°13'25	16°45	24°58	26°11	7°27	4°12	24° 8	11°52	28° 1	25°38	3°39	4°11	26°47	25°28	W25
T 26	16 46 7	12°10'41	28°56	26°54	27°14	8°11	4°18	24°14	11°52	28° 0	25°38	3°26	4° 8	26°53	25°28	T 26
F 27	16 50 4	13° 7'56	10♑58	28°48	28°17	8°55	4°24	24°21	11°51	27°58	25°39	3°16	4° 5	27° 0	25°28	F 27
S 28	16 54 1	14° 5'11	22°52	0♋39	29°21	9°39	4°30	24°27	11°50	27°56	25°39	3° 7	4° 2	27° 7	25°27	S 28
S 29	16 57 57	15° 2'26	4♒42	2°29	0♉25	10°23	4°36	24°34	11°49	27°55	25°39	3° 2	3°59	27°13	25°27	S 29
M30	17 1 54	15°59'40	16°30	4°15	1°28	11° 7	4°42	24°40	11°48	27°53	25°40	2°59	3°56	27°20	25°26	M30
T 31	17 5 50	16♊56'54	28♒21	6♋ 0	2♉33	11♈50	4♍49	24♋47	11♒47	27♐52	25♓40	2°D58	3♍52	27♋27	25♒26	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17n19	17s46	3n13	11n37	1s31	0n 0	1s 6	5s36	1s36	11n48	1n20	22n 9	0n25	17s54	0s40	22s23	1n 8	16s44	16s15	9n23	9n32	18s 1	7s27	6n 3
M 2	17 35	15 59	2 21	12 25	1 22	0 17	1 11	5 18	1 36	11 48	1 20	22 8	0 25	17 54	0 40	22 23	1 8	16 44	16 16	9 24	9 34	18 0	7 26	6 3
T 3	17 51	13 31	1 22	13 12	1 12	0 35	1 16	5 1	1 36	11 47	1 20	22 7	0 25	17 54	0 40	22 23	1 8	16 44	16 16	9 24	9 35	18 0	7 25	6 3
W 4	18 6	10 26	0 20	14 0	1 2	0 52	1 21	4 43	1 37	11 46	1 20	22 7	0 25	17 54	0 40	22 23	1 8	16 44	16 16	9 24	9 36	17 59	7 25	6 4
T 5	18 21	6 51	0s45	14 47	0 52	1 10	1 26	4 25	1 37	11 45	1 19	22 6	0 25	17 54	0 40	22 23	1 8	16 44	16 17	9 24	9 37	17 59	7 24	6 4
F 6	18 36	2 54	1 49	15 34	0 42	1 28	1 30	4 8	1 37	11 43	1 19	22 5	0 25	17 54	0 40	22 23	1 8	16 44	16 17	9 24	9 38	17 58	7 23	6 4
S 7	18 50	1n19	2 50	16 21	0 32	1 47	1 35	3 50	1 38	11 42	1 19	22 4	0 25	17 54	0 40	22 23	1 8	16 44	16 17	9 26	9 40	17 58	7 23	6 5
S 8	19 4	5 35	3 43	17 7	0 21	2 6	1 39	3 33	1 38	11 41	1 19	22 3	0 25	17 54	0 40	22 23	1 8	16 43	16 18	9 28	9 41	17 57	7 22	6 5
M 9	19 18	9 42	4 25	17 52	0 11	2 25	1 43	3 15	1 38	11 40	1 19	22 3	0 25	17 54	0 40	22 23	1 8	16 43	16 18	9 31	9 42	17 57	7 22	6 5
T 10	19 32	13 24	4 52	18 36	0n 0	2 44	1 47	2 57	1 38	11 38	1 19	22 2	0 25	17 54	0 40	22 23	1 8	16 43	16 18	9 35	9 43	17 56	7 21	6 6
W11	19 45	16 22	5 1	19 18	0 11	3 4	1 50	2 40	1 39	11 37	1 18	22 1	0 25	17 54	0 40	22 23	1 8	16 43	16 19	9 40	9 44	17 56	7 21	6 6
T 12	19 58	18 20	4 50	19 59	0 21	3 23	1 54	2 22	1 39	11 35	1 18	22 0	0 25	17 54	0 40	22 23	1 8	16 43	16 19	9 44	9 45	17 55	7 20	6 6
F 13	20 10	19 5	4 21	20 39	0 31	3 43	1 57	2 5	1 39	11 34	1 18	21 59	0 26	17 54	0 40	22 23	1 8	16 43	16 19	9 47	9 47	17 55	7 20	6 7
S 14	20 22	18 33	3 34	21 16	0 41	4 4	2 0	1 47	1 39	11 32	1 18	21 58	0 26	17 54	0 40	22 23	1 8	16 43	16 20	9 49	9 48	17 54	7 19	6 7
S 15	20 34	16 48	2 34	21 51	0 51	4 24	2 3	1 29	1 40	11 31	1 18	21 57	0 26	17 54	0 40	22 23	1 8	16 43	16 20	9 51	9 49	17 54	7 19	6 7
M16	20 46	14 2	1 25	22 24	1 0	4 44	2 6	1 12	1 40	11 29	1 17	21 56	0 26	17 55	0 40	22 23	1 8	16 43	16 20	9 51	9 50	17 53	7 18	6 8
T 17	20 57	10 28	0 11	22 55	1 9	5 5	2 9	0 54	1 40	11 27	1 17	21 56	0 26	17 55	0 40	22 23	1 8	16 43	16 21	9 52	9 51	17 53	7 18	6 8
W18	21 7	6 24	1n 1	23 23	1 17	5 26	2 11	0 37	1 40	11 25	1 17	21 55	0 26	17 55	0 40	22 22	1 8	16 43	16 21	9 52	9 52	17 52	7 17	6 8
T 19	21 18	2 4	2 9	23 48	1 25	5 47	2 14	0 19	1 40	11 23	1 17	21 54	0 26	17 55	0 40	22 22	1 8	16 43	16 21	9 52	9 53	17 51	7 17	6 9
F 20	21 28	2s17	3 8	24 10	1 32	6 8	2 16	0 2	1 40	11 21	1 17	21 53	0 26	17 55	0 40	22 22	1 8	16 44	16 22	9 53	9 55	17 51	7 17	6 9
S 21	21 37	6 28	3 57	24 30	1 38	6 29	2 18	0n16	1 41	11 19	1 16	21 52	0 26	17 55	0 40	22 22	1 8	16 44	16 22	9 56	9 56	17 50	7 16	6 9
S 22	21 47	10 17	4 32	24 47	1 44	6 50	2 20	0 33	1 41	11 17	1 16	21 51	0 26	17 56	0 40	22 22	1 8	16 44	16 22	9 59	9 57	17 50	7 16	6 10
M23	21 56	13 34	4 54	25 1	1 49	7 11	2 22	0 51	1 41	11 15	1 16	21 50	0 26	17 56	0 40	22 22	1 8	16 44	16 23	10 3	9 58	17 49	7 16	6 10
T 24	22 4	16 10	5 0	25 13	1 53	7 32	2 23	1 8	1 41	11 13	1 16	21 49	0 26	17 56	0 40	22 22	1 8	16 44	16 23	10 8	9 59	17 49	7 15	6 10
W25	22 12	18 0	4 53	25 22	1 56	7 54	2 25	1 25	1 41	11 11	1 16	21 47	0 26	17 56	0 41	22 22	1 8	16 44	16 23	10 12	10 0	17 48	7 15	6 11
T 26	22 20	19 0	4 32	25 28	1 59	8 15	2 26	1 43	1 41	11 8	1 16	21 46	0 26	17 57	0 41	22 22	1 8	16 44	16 24	10 17	10 2	17 47	7 15	6 11
F 27	22 27	19 6	3 59	25 32	2 1	8 36	2 28	2 0	1 41	11 6	1 15	21 45	0 26	17 57	0 41	22 22	1 8	16 44	16 24	10 21	10 3	17 47	7 15	6 11
S 28	22 34	18 22	3 15	25 34	2 2	8 58	2 29	2 17	1 41	11 4	1 15	21 44	0 26	17 57	0 41	22 22	1 8	16 44	16 24	10 24	10 4	17 46	7 14	6 12
S 29	22 41	16 50	2 24	25 33	2 3	9 19	2 30	2 34	1 41	11 1	1 15	21 43	0 26	17 57	0 41	22 22	1 8	16 45	16 25	10 26	10 5	17 46	7 14	6 12
M30	22 47	14 35	1 26	25 30	2 2	9 40	2 31	2 51	1 42	10 59	1 15	21 42	0 26	17 58	0 41	22 22	1 8	16 45	16 25	10 27	10 6	17 45	7 14	6 12
T 31	22n53	11s42	0n24	25n25	2n 1	10n 2	2s31	3n 8	1s42	10n56	1n15	21n41	0n27	17s58	0s41	22s22	1n 8	16s45	16s26	10n27	10n 7	17s45	7s14	6n13

Julian Day Number = 2206230.5, Delta T = 09m41s
Ecliptic obliquity = 23°31'27, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°22'20, Lahiri = 14°29'20 Julian Calendar 1 May 1328 == Greg. Calendar 9 May 1328

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ASTRODIENST EPHEMERIS for the year 1328
geocentric

JUNE 1328 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	17 9 47	17♊54'08	10♓20	7♋42	3♉37	12♈34	4♍55	24♋54	11°R46	27°R50	25♓41	2♍58	3♍49	27♏33	25°R25	W 1
T 2	17 13 43	18°51'21	22°33	9°22	4°41	13°17	5° 2	25° 0	11♒45	27♐49	25°41	2°R58	3°46	27°40	25♒25	T 2
F 3	17 17 40	19°48'35	5♈ 4	10°59	5°46	14° 1	5° 9	25° 7	11°44	27°47	25°41	2°57	3°43	27°47	25°24	F 3
S 4	17 21 36	20°45'48	17°58	12°34	6°51	14°44	5°16	25°14	11°42	27°45	25°42	2°54	3°40	27°53	25°23	S 4
S 5	17 25 33	21°43'01	1♉19	14° 6	7°56	15°27	5°23	25°21	11°41	27°44	25°42	2°49	3°36	28° 0	25°22	S 5
M 6	17 29 30	22°40'14	15° 9	15°36	9° 1	16°11	5°30	25°28	11°40	27°42	25°42	2°42	3°33	28° 7	25°21	M 6
T 7	17 33 26	23°37'27	29°26	17° 3	10° 7	16°54	5°38	25°35	11°39	27°41	25°43	2°32	3°30	28°13	25°20	T 7
W 8	17 37 23	24°34'40	14♊ 7	18°28	11°12	17°37	5°45	25°42	11°37	27°39	25°43	2°22	3°27	28°20	25°19	W 8
T 9	17 41 19	25°31'53	29° 4	19°51	12°18	18°20	5°53	25°49	11°36	27°37	25°43	2°13	3°24	28°27	25°18	T 9
F 10	17 45 16	26°29'05	14♋ 8	21°10	13°24	19° 3	6° 1	25°56	11°34	27°36	25°43	2° 5	3°21	28°33	25°17	F 10
S 11	17 49 12	27°26'17	29° 9	22°28	14°30	19°45	6° 9	26° 3	11°33	27°34	25°43	1°59	3°17	28°40	25°16	S 11
S 12	17 53 9	28°23'29	13♌59	23°42	15°36	20°28	6°17	26°10	11°31	27°32	25°43	1°55	3°14	28°47	25°15	S 12
M13	17 57 5	29°20'41	28°31	24°54	16°43	21°11	6°25	26°17	11°30	27°31	25°44	1°D54	3°11	28°53	25°14	M13
T 14	18 1 2	0♍17'52	12♍43	26° 3	17°49	21°53	6°33	26°24	11°28	27°29	25°44	1°54	3° 8	29° 0	25°12	T 14
W15	18 4 59	1°15'03	26°34	27° 9	18°56	22°36	6°41	26°32	11°27	27°28	25°44	1°R55	3° 5	29° 7	25°11	W15
T 16	18 8 55	2°12'13	10♎ 3	28°12	20° 2	23°18	6°50	26°39	11°25	27°26	25°44	1°55	3° 2	29°13	25° 9	T 16
F 17	18 12 52	3° 9'23	23°14	29°12	21° 9	24° 0	6°59	26°46	11°23	27°24	25°44	1°53	2°58	29°20	25° 8	F 17
S 18	18 16 48	4° 6'34	6♏ 8	0♌ 9	22°16	24°42	7° 7	26°53	11°22	27°23	25°R44	1°49	2°55	29°27	25° 6	S 18
S 19	18 20 45	5° 3'43	18°48	1° 3	23°24	25°24	7°16	27° 1	11°20	27°21	25°44	1°42	2°52	29°33	25° 5	S 19
M20	18 24 41	6° 0'53	1♐16	1°53	24°31	26° 6	7°25	27° 8	11°18	27°20	25°44	1°34	2°49	29°40	25° 3	M20
T 21	18 28 38	6°58'03	13°34	2°40	25°38	26°48	7°34	27°16	11°16	27°18	25°44	1°25	2°46	29°47	25° 1	T 21
W22	18 32 34	7°55'13	25°43	3°24	26°46	27°30	7°43	27°23	11°14	27°16	25°44	1°15	2°42	29°53	25° 0	W22
T 23	18 36 31	8°52'23	7♑44	4° 3	27°54	28°12	7°52	27°30	11°13	27°15	25°43	1° 5	2°39	0♒ 0	24°58	T 23
F 24	18 40 28	9°49'34	19°39	4°39	29° 1	28°53	8° 2	27°38	11°11	27°13	25°43	0°57	2°36	0° 7	24°56	F 24
S 25	18 44 24	10°46'45	1♒29	5°11	0♊ 9	29°35	8°11	27°45	11° 9	27°12	25°43	0°51	2°33	0°13	24°54	S 25
S 26	18 48 21	11°43'56	13°17	5°38	1°17	0♉16	8°21	27°53	11° 7	27°10	25°43	0°48	2°30	0°20	24°52	S 26
M27	18 52 17	12°41'07	25° 6	6° 1	2°25	0°57	8°30	28° 1	11° 5	27° 9	25°43	0°D46	2°27	0°27	24°50	M27
T 28	18 56 14	13°38'20	6♓58	6°20	3°34	1°39	8°40	28° 8	11° 3	27° 7	25°43	0°46	2°23	0°33	24°48	T 28
W29	19 0 10	14°35'32	18°58	6°34	4°42	2°20	8°50	28°16	11° 1	27° 5	25°42	0°47	2°20	0°40	24°46	W29
T 30	19 4 7	15♋32'46	1♈11	6♌44	5♊51	3♉ 1	8♍59	28♋23	10♒59	27♐ 4	25♓42	0♍48	2♍17	0♒47	24♒44	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	22n58	8s19	0s39	25n18	2n 0	10n23	2s32	3n25	1s42	10n54	1n14	21n40	0n27	17s58	0s41	22s22	1n 8	16s45	16s26	10n27	10n 9	17s44	7s14	6n13
T 2	23 3	4 32	1 42	25 9	1 57	10 44	2 32	3 42	1 42	10 51	1 14	21 39	0 27	17 59	0 41	22 22	1 8	16 45	16 26	10 27	10 10	17 43	7 14	6 13
F 3	23 8	0 27	2 42	24 58	1 54	11 5	2 33	3 59	1 42	10 48	1 14	21 37	0 27	17 59	0 41	22 22	1 8	16 45	16 27	10 28	10 11	17 43	7 14	6 14
S 4	23 12	3n45	3 35	24 46	1 51	11 26	2 33	4 16	1 42	10 46	1 14	21 36	0 27	17 59	0 41	22 22	1 8	16 46	16 27	10 29	10 12	17 42	7 14	6 14
S 5	23 16	7 56	4 19	24 32	1 46	11 47	2 33	4 33	1 42	10 43	1 14	21 35	0 27	18 0	0 41	22 22	1 8	16 46	16 27	10 30	10 13	17 42	7 14	6 14
M 6	23 19	11 50	4 49	24 17	1 41	12 8	2 33	4 49	1 42	10 40	1 14	21 34	0 27	18 0	0 41	22 22	1 8	16 46	16 28	10 33	10 14	17 41	7 14	6 15
T 7	23 22	15 11	5 2	24 1	1 36	12 29	2 33	5 6	1 42	10 37	1 13	21 33	0 27	18 1	0 41	22 22	1 8	16 46	16 28	10 36	10 15	17 40	7 14	6 15
W 8	23 25	17 40	4 57	23 43	1 30	12 49	2 33	5 22	1 42	10 34	1 13	21 31	0 27	18 1	0 41	22 22	1 8	16 47	16 29	10 40	10 17	17 40	7 14	6 15
T 9	23 27	19 1	4 31	23 25	1 23	13 10	2 33	5 39	1 42	10 31	1 13	21 30	0 27	18 1	0 41	22 22	1 8	16 47	16 29	10 43	10 18	17 39	7 14	6 16
F 10	23 29	19 2	3 46	23 5	1 15	13 30	2 32	5 55	1 42	10 28	1 13	21 29	0 27	18 2	0 41	22 22	1 8	16 47	16 29	10 46	10 19	17 39	7 14	6 16
S 11	23 30	17 42	2 45	22 45	1 7	13 50	2 32	6 11	1 41	10 25	1 13	21 28	0 27	18 2	0 41	22 22	1 8	16 47	16 30	10 48	10 20	17 38	7 14	6 16
S 12	23 31	15 11	1 34	22 24	0 59	14 10	2 31	6 28	1 41	10 22	1 13	21 26	0 27	18 3	0 41	22 22	1 8	16 48	16 30	10 50	10 21	17 37	7 14	6 17
M13	23 31	11 45	0 18	22 2	0 50	14 29	2 30	6 44	1 41	10 19	1 13	21 25	0 27	18 3	0 41	22 22	1 8	16 48	16 30	10 50	10 22	17 37	7 14	6 17
T 14	23 31	7 42	0n58	21 40	0 40	14 49	2 29	7 0	1 41	10 16	1 12	21 24	0 27	18 4	0 41	22 22	1 8	16 48	16 31	10 50	10 24	17 36	7 14	6 17
W15	23 31	3 20	2 8	21 18	0 30	15 8	2 29	7 15	1 41	10 12	1 12	21 22	0 28	18 4	0 41	22 22	1 8	16 49	16 31	10 50	10 25	17 35	7 15	6 17
T 16	23 30	1s 6	3 9	20 55	0 19	15 27	2 27	7 31	1 41	10 9	1 12	21 21	0 28	18 5	0 41	22 22	1 8	16 49	16 32	10 50	10 26	17 35	7 15	6 18
F 17	23 29	5 21	3 59	20 32	0 8	15 45	2 26	7 47	1 41	10 6	1 12	21 20	0 28	18 5	0 41	22 22	1 8	16 49	16 32	10 51	10 27	17 34	7 15	6 18
S 18	23 28	9 17	4 36	20 8	0s 3	16 4	2 25	8 3	1 41	10 2	1 12	21 18	0 28	18 6	0 41	22 22	1 8	16 50	16 32	10 52	10 28	17 33	7 15	6 18
S 19	23 26	12 42	4 58	19 45	0 15	16 22	2 24	8 18	1 40	9 59	1 12	21 17	0 28	18 6	0 41	22 22	1 8	16 50	16 33	10 54	10 29	17 33	7 16	6 18
M20	23 23	15 30	5 5	19 22	0 27	16 40	2 22	8 34	1 40	9 55	1 12	21 16	0 28	18 7	0 41	22 22	1 8	16 50	16 33	10 57	10 30	17 32	7 16	6 19
T 21	23 20	17 34	4 59	18 59	0 40	16 57	2 21	8 49	1 40	9 52	1 11	21 14	0 28	18 7	0 41	22 22	1 8	16 51	16 33	11 1	10 32	17 31	7 16	6 19
W22	23 17	18 49	4 38	18 36	0 53	17 14	2 19	9 4	1 40	9 48	1 11	21 13	0 28	18 8	0 41	22 22	1 8	16 51	16 34	11 4	10 33	17 31	7 16	6 19
T 23	23 14	19 12	4 6	18 14	1 7	17 31	2 18	9 19	1 40	9 45	1 11	21 11	0 28	18 8	0 41	22 22	1 8	16 51	16 34	11 8	10 34	17 30	7 17	6 20
F 24	23 10	18 44	3 23	17 52	1 20	17 48	2 16	9 34	1 39	9 41	1 11	21 10	0 28	18 9	0 41	22 22	1 8	16 52	16 34	11 10	10 35	17 30	7 17	6 20
S 25	23 5	17 26	2 31	17 31	1 34	18 4	2 14	9 49	1 39	9 37	1 11	21 9	0 28	18 9	0 41	22 22	1 8	16 52	16 35	11 13	10 36	17 29	7 18	6 20
S 26	23 0	15 24	1 33	17 11	1 48	18 20	2 12	10 4	1 39	9 34	1 11	21 7	0 28	18 10	0 41	22 22	1 8	16 53	16 35	11 14	10 37	17 28	7 18	6 20
M27	22 55	12 43	0 31	16 51	2 3	18 35	2 10	10 18	1 39	9 30	1 11	21 6	0 28	18 10	0 41	22 22	1 8	16 53	16 36	11 14	10 38	17 27	7 18	6 20
T 28	22 49	9 30	0s34	16 33	2 17	18 50	2 8	10 33	1 38	9 26	1 10	21 4	0 28	18 11	0 42	22 22	1 8	16 53	16 36	11 14	10 40	17 27	7 19	6 21
W29	22 43	5 52	1 37	16 15	2 31	19 5	2 6	10 47	1 38	9 23	1 10	21 3	0 28	18 12	0 42	22 22	1 8	16 54	16 36	11 14	10 41	17 26	7 19	6 21
T 30	22n37	1s56	2s37	15n59	2s45	19n19	2s 4	11n 2	1s38	9n19	1n10	21n 1	0n29	18s12	0s42	22s22	1n 8	16s54	16s37	11n14	10n42	17s25	7s20	6n21

Julian Day Number = 2206261.5, Delta T = 09m41s
Ecliptic obliquity = 23°31'27, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°22'24, Lahiri = 14°29'24 Julian Calendar 1 June 1328 == Greg. Calendar 9 June 1328

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ASTRODIENST EPHEMERIS for the year 1328
geocentric

JULY 1328 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	19 8 3	16♋30'00	13♈41	6°R48	6♊59	3♉41	9♍ 9	28♋31	10°R57	27°R 2	25°R42	0°R49	2♍14	0♒53	24°R42	F 1
S 2	19 12 0	17°27'15	26°32	6♌48	8° 8	4°22	9°20	28°39	10♒54	27♐ 1	25♓41	0♍49	2°11	1° 0	24♒40	S 2
S 3	19 15 57	18°24'31	9♉50	6°43	9°17	5° 3	9°30	28°46	10°52	26°59	25°41	0°47	2° 8	1° 7	24°38	S 3
M 4	19 19 53	19°21'47	23°35	6°33	10°26	5°43	9°40	28°54	10°50	26°58	25°41	0°43	2° 4	1°13	24°35	M 4
T 5	19 23 50	20°19'05	7♊49	6°18	11°35	6°23	9°50	29° 1	10°48	26°57	25°40	0°38	2° 1	1°20	24°33	T 5
W 6	19 27 46	21°16'24	22°29	5°58	12°44	7° 4	10° 1	29° 9	10°46	26°55	25°40	0°32	1°58	1°27	24°31	W 6
T 7	19 31 43	22°13'43	7♋29	5°34	13°53	7°44	10°11	29°17	10°43	26°54	25°40	0°27	1°55	1°33	24°28	T 7
F 8	19 35 39	23°11'03	22°40	5° 5	15° 3	8°24	10°22	29°25	10°41	26°52	25°39	0°22	1°52	1°40	24°26	F 8
S 9	19 39 36	24° 8'24	7♌53	4°33	16°12	9° 4	10°32	29°32	10°39	26°51	25°39	0°19	1°48	1°47	24°23	S 9
S 10	19 43 32	25° 5'46	22°57	3°56	17°22	9°43	10°43	29°40	10°37	26°49	25°38	0°17	1°45	1°53	24°21	S 10
M11	19 47 29	26° 3'08	7♍44	3°17	18°31	10°23	10°54	29°48	10°34	26°48	25°38	0°D17	1°42	2° 0	24°18	M11
T 12	19 51 26	27° 0'31	22°10	2°35	19°41	11° 2	11° 5	29°55	10°32	26°47	25°37	0°18	1°39	2° 7	24°16	T 12
W13	19 55 22	27°57'54	6♎10	1°51	20°51	11°42	11°16	0♌ 3	10°30	26°45	25°37	0°20	1°36	2°13	24°13	W13
T 14	19 59 19	28°55'18	19°45	1° 6	22° 0	12°21	11°27	0°11	10°28	26°44	25°36	0°21	1°33	2°20	24°11	T 14
F 15	20 3 15	29°52'42	2♏57	0°20	23°10	13° 0	11°38	0°19	10°25	26°43	25°36	0°R21	1°29	2°27	24° 8	F 15
S 16	20 7 12	0♌50'08	15°47	29♋35	24°20	13°38	11°49	0°26	10°23	26°41	25°35	0°20	1°26	2°33	24° 5	S 16
S 17	20 11 8	1°47'34	28°20	28°52	25°31	14°17	12° 0	0°34	10°20	26°40	25°34	0°18	1°23	2°40	24° 3	S 17
M18	20 15 5	2°45'00	10♐39	28°10	26°41	14°56	12°11	0°42	10°18	26°39	25°34	0°15	1°20	2°47	24° 0	M18
T 19	20 19 1	3°42'28	22°47	27°32	27°51	15°34	12°23	0°50	10°16	26°38	25°33	0°10	1°17	2°53	23°57	T 19
W20	20 22 58	4°39'56	4♑46	26°57	29° 2	16°12	12°34	0°57	10°13	26°37	25°33	0° 6	1°14	3° 0	23°54	W20
T 21	20 26 55	5°37'26	16°40	26°26	0♋12	16°50	12°46	1° 5	10°11	26°35	25°32	0° 2	1°10	3° 7	23°51	T 21
F 22	20 30 51	6°34'56	28°30	26° 1	1°23	17°28	12°57	1°13	10° 9	26°34	25°31	29♌59	1° 7	3°13	23°49	F 22
S 23	20 34 48	7°32'28	10♒19	25°41	2°33	18° 6	13° 9	1°20	10° 6	26°33	25°30	29°56	1° 4	3°20	23°46	S 23
S 24	20 38 44	8°30'01	22° 8	25°28	3°44	18°44	13°20	1°28	10° 4	26°32	25°30	29°55	1° 1	3°27	23°43	S 24
M25	20 42 41	9°27'35	4♓ 1	25°21	4°55	19°21	13°32	1°36	10° 1	26°31	25°29	29°D55	0°58	3°33	23°40	M25
T 26	20 46 37	10°25'10	15°59	25°D21	6° 6	19°58	13°44	1°43	9°59	26°30	25°28	29°56	0°54	3°40	23°37	T 26
W27	20 50 34	11°22'47	28° 5	25°27	7°17	20°36	13°56	1°51	9°57	26°29	25°27	29°57	0°51	3°47	23°34	W27
T 28	20 54 30	12°20'25	10♈23	25°41	8°28	21°12	14° 8	1°59	9°54	26°28	25°27	29°58	0°48	3°53	23°31	T 28
F 29	20 58 27	13°18'04	22°56	26° 3	9°39	21°49	14°19	2° 6	9°52	26°27	25°26	29°59	0°45	4° 0	23°28	F 29
S 30	21 2 24	14°15'46	5♉48	26°31	10°50	22°26	14°31	2°14	9°49	26°26	25°25	0♍ 0	0°42	4° 7	23°25	S 30
S 31	21 6 20	15♌13'29	19♉ 2	27♋ 7	12♋ 1	23♉ 2	14♍43	2♌22	9♒47	26♐25	25♓24	0°R 1	0♍39	4♒13	23♒22	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22n30	2n10	3s32	15n44	3s 0	19n33	2s 2	11n16	1s38	9n15	1n10	21n 0	0n29	18s13	0s42	22s22	1n 8	16s55	16s37	11n13	10n43	17s25	7s20	6n21
S 2	22 23	6 17	4 17	15 31	3 13	19 46	2 0	11 30	1 37	9 11	1 10	20 58	0 29	18 13	0 42	22 22	1 8	16 55	16 37	11 13	10 44	17 24	7 21	6 22
S 3	22 15	10 13	4 50	15 19	3 27	19 59	1 57	11 44	1 37	9 7	1 10	20 57	0 29	18 14	0 42	22 22	1 8	16 56	16 38	11 14	10 45	17 23	7 21	6 22
M 4	22 7	13 46	5 8	15 9	3 40	20 12	1 55	11 57	1 37	9 3	1 10	20 55	0 29	18 15	0 42	22 22	1 8	16 56	16 38	11 15	10 46	17 23	7 22	6 22
T 5	21 59	16 37	5 8	15 1	3 52	20 24	1 52	12 11	1 36	8 59	1 10	20 54	0 29	18 15	0 42	22 22	1 8	16 57	16 38	11 17	10 48	17 22	7 22	6 22
W 6	21 50	18 31	4 48	14 54	4 4	20 35	1 50	12 25	1 36	8 55	1 10	20 52	0 29	18 16	0 42	22 22	1 8	16 57	16 39	11 19	10 49	17 21	7 23	6 22
T 7	21 41	19 11	4 8	14 50	4 15	20 46	1 47	12 38	1 35	8 51	1 9	20 51	0 29	18 17	0 42	22 22	1 8	16 57	16 39	11 21	10 50	17 21	7 24	6 23
F 8	21 31	18 29	3 11	14 47	4 24	20 57	1 45	12 51	1 35	8 47	1 9	20 49	0 29	18 17	0 42	22 22	1 8	16 58	16 39	11 23	10 51	17 20	7 24	6 23
S 9	21 22	16 27	1 59	14 47	4 33	21 7	1 42	13 4	1 35	8 43	1 9	20 48	0 29	18 18	0 42	22 22	1 8	16 58	16 40	11 24	10 52	17 19	7 25	6 23
S 10	21 11	13 17	0 40	14 48	4 40	21 16	1 39	13 17	1 34	8 38	1 9	20 46	0 29	18 18	0 42	22 22	1 8	16 59	16 40	11 25	10 53	17 18	7 26	6 23
M11	21 1	9 20	0n41	14 51	4 46	21 25	1 37	13 30	1 34	8 34	1 9	20 45	0 29	18 19	0 42	22 22	1 8	16 59	16 40	11 25	10 54	17 18	7 26	6 23
T 12	20 50	4 55	1 57	14 57	4 50	21 34	1 34	13 43	1 33	8 30	1 9	20 43	0 30	18 20	0 42	22 22	1 8	17 0	16 41	11 24	10 56	17 17	7 27	6 23
W13	20 39	0 21	3 4	15 4	4 53	21 42	1 31	13 55	1 33	8 26	1 9	20 42	0 30	18 20	0 42	22 21	1 8	17 0	16 41	11 24	10 57	17 16	7 28	6 23
T 14	20 27	4s 4	3 58	15 13	4 53	21 49	1 28	14 8	1 32	8 21	1 9	20 40	0 30	18 21	0 42	22 21	1 8	17 1	16 41	11 23	10 58	17 15	7 28	6 24
F 15	20 15	8 10	4 39	15 23	4 53	21 56	1 25	14 20	1 32	8 17	1 9	20 38	0 30	18 22	0 42	22 21	1 8	17 1	16 42	11 23	10 59	17 15	7 29	6 24
S 16	20 3	11 47	5 4	15 35	4 50	22 2	1 22	14 32	1 31	8 13	1 9	20 37	0 30	18 22	0 42	22 21	1 7	17 2	16 42	11 24	11 0	17 14	7 30	6 24
S 17	19 50	14 46	5 13	15 48	4 45	22 7	1 19	14 44	1 31	8 8	1 8	20 35	0 30	18 23	0 42	22 21	1 7	17 3	16 42	11 24	11 1	17 13	7 31	6 24
M18	19 37	17 2	5 8	16 3	4 39	22 12	1 17	14 56	1 30	8 4	1 8	20 34	0 30	18 24	0 42	22 21	1 7	17 3	16 43	11 26	11 2	17 12	7 31	6 24
T 19	19 24	18 30	4 50	16 18	4 31	22 17	1 13	15 8	1 30	7 59	1 8	20 32	0 30	18 24	0 42	22 21	1 7	17 4	16 43	11 27	11 3	17 12	7 32	6 24
W20	19 10	19 8	4 18	16 34	4 21	22 21	1 10	15 19	1 29	7 55	1 8	20 30	0 30	18 25	0 42	22 21	1 7	17 4	16 43	11 29	11 5	17 11	7 33	6 24
T 21	18 56	18 54	3 36	16 51	4 10	22 24	1 7	15 31	1 29	7 51	1 8	20 29	0 30	18 26	0 42	22 22	1 7	17 5	16 44	11 30	11 6	17 10	7 34	6 24
F 22	18 42	17 51	2 45	17 7	3 58	22 27	1 4	15 42	1 28	7 46	1 8	20 27	0 30	18 26	0 42	22 22	1 7	17 5	16 44	11 31	11 7	17 9	7 35	6 24
S 23	18 27	16 1	1 46	17 24	3 44	22 29	1 1	15 53	1 27	7 41	1 8	20 26	0 30	18 27	0 42	22 22	1 7	17 6	16 44	11 32	11 8	17 9	7 36	6 25
S 24	18 12	13 30	0 43	17 41	3 30	22 30	0 58	16 4	1 27	7 37	1 8	20 24	0 31	18 28	0 42	22 22	1 7	17 6	16 44	11 32	11 9	17 8	7 36	6 25
M25	17 57	10 25	0s23	17 57	3 14	22 31	0 55	16 15	1 26	7 32	1 8	20 22	0 31	18 28	0 42	22 22	1 7	17 7	16 45	11 32	11 10	17 7	7 37	6 25
T 26	17 41	6 54	1 28	18 13	2 58	22 31	0 52	16 25	1 26	7 28	1 8	20 21	0 31	18 29	0 42	22 22	1 7	17 7	16 45	11 32	11 11	17 6	7 38	6 25
W27	17 26	3 3	2 30	18 28	2 42	22 31	0 49	16 36	1 25	7 23	1 8	20 19	0 31	18 29	0 42	22 22	1 7	17 8	16 45	11 32	11 13	17 6	7 39	6 25
T 28	17 10	0n58	3 26	18 42	2 25	22 30	0 46	16 46	1 24	7 18	1 8	20 17	0 31	18 30	0 42	22 22	1 7	17 9	16 46	11 31	11 14	17 5	7 40	6 25
F 29	16 53	5 2	4 13	18 55	2 8	22 28	0 42	16 56	1 24	7 14	1 8	20 16	0 31	18 31	0 42	22 22	1 7	17 9	16 46	11 31	11 15	17 4	7 41	6 25
S 30	16 37	8 57	4 49	19 7	1 51	22 26	0 39	17 6	1 23	7 9	1 8	20 14	0 31	18 31	0 42	22 22	1 7	17 10	16 46	11 31	11 16	17 3	7 42	6 25
S 31	16n20	12n33	5s11	19n16	1s34	22n23	0s36	17n16	1s22	7n 4	1n 7	20n13	0n31	18s32	0s42	22s22	1n 7	17s10	16s46	11n31	11n17	17s 2	7s43	6n25

Julian Day Number = 2206291.5, Delta T = 09m41s
Ecliptic obliquity = 23°31'27, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°22'28, Lahiri = 14°29'29 Julian Calendar 1 July 1328 == Greg. Calendar 9 July 1328

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ASTRODIENST EPHEMERIS for the year 1328
geocentric

AUGUST 1328 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	21 10 17	16♌11'13	2♊40	27♋50	13♋13	23♉38	14♍56	2♌29	9°R45	26°R24	25°R23	0°R 0	0♍35	4♒20	23°R19	M 1
T 2	21 14 13	17° 9'00	16°43	28°41	14°24	24°14	15° 8	2°37	9♒42	26♐23	25♓22	29♌59	0°32	4°27	23♒17	T 2
W 3	21 18 10	18° 6'48	1♋11	29°38	15°36	24°50	15°20	2°44	9°40	26°22	25°21	29°58	0°29	4°33	23°14	W 3
T 4	21 22 6	19° 4'38	16° 0	0♌41	16°47	25°26	15°32	2°52	9°38	26°21	25°21	29°56	0°26	4°40	23°11	T 4
F 5	21 26 3	20° 2'29	1♌ 2	1°51	17°59	26° 1	15°44	2°59	9°35	26°21	25°20	29°55	0°23	4°47	23° 8	F 5
S 6	21 29 59	21° 0'22	16°12	3° 7	19°11	26°36	15°57	3° 7	9°33	26°20	25°19	29°55	0°20	4°53	23° 5	S 6
S 7	21 33 56	21°58'17	1♍17	4°29	20°23	27°11	16° 9	3°14	9°31	26°19	25°18	29°D54	0°16	5° 0	23° 1	S 7
M 8	21 37 53	22°56'13	16°11	5°56	21°35	27°46	16°21	3°22	9°28	26°18	25°17	29°55	0°13	5° 7	22°58	M 8
T 9	21 41 49	23°54'10	0♎46	7°28	22°47	28°21	16°34	3°29	9°26	26°18	25°16	29°55	0°10	5°13	22°55	T 9
W10	21 45 46	24°52'09	14°56	9° 4	23°59	28°55	16°46	3°37	9°24	26°17	25°15	29°56	0° 7	5°20	22°52	W10
T 11	21 49 42	25°50'10	28°40	10°44	25°11	29°29	16°59	3°44	9°21	26°16	25°14	29°56	0° 4	5°27	22°49	T 11
F 12	21 53 39	26°48'11	11♏57	12°28	26°23	0♊ 3	17°11	3°51	9°19	26°16	25°13	29°56	0° 0	5°33	22°46	F 12
S 13	21 57 35	27°46'14	24°50	14°15	27°35	0°36	17°24	3°59	9°17	26°15	25°12	29°R56	29♌57	5°40	22°43	S 13
S 14	22 1 32	28°44'19	7♐23	16° 4	28°47	1°10	17°36	4° 6	9°15	26°15	25°11	29°56	29°54	5°47	22°40	S 14
M15	22 5 28	29°42'25	19°39	17°55	29°59	1°43	17°49	4°13	9°12	26°14	25°10	29°D56	29°51	5°53	22°37	M15
T 16	22 9 25	0♑40'32	1♑42	19°48	1♌12	2°16	18° 2	4°21	9°10	26°14	25° 9	29°56	29°48	6° 0	22°35	T 16
W17	22 13 22	1°38'41	13°36	21°42	2°25	2°49	18°14	4°28	9° 8	26°13	25° 7	29°57	29°45	6° 7	22°32	W17
T 18	22 17 18	2°36'51	25°26	23°37	3°37	3°21	18°27	4°35	9° 6	26°13	25° 6	29°57	29°41	6°13	22°29	T 18
F 19	22 21 15	3°35'04	7♒15	25°32	4°50	3°53	18°40	4°42	9° 4	26°12	25° 5	29°57	29°38	6°20	22°26	F 19
S 20	22 25 11	4°33'17	19° 5	27°28	6° 3	4°25	18°52	4°49	9° 2	26°12	25° 4	29°57	29°35	6°26	22°23	S 20
S 21	22 29 8	5°31'33	0♓59	29°24	7°15	4°56	19° 5	4°56	9° 0	26°12	25° 3	29°R57	29°32	6°33	22°20	S 21
M22	22 33 4	6°29'50	13° 0	1♍20	8°28	5°28	19°18	5° 3	8°58	26°11	25° 2	29°57	29°29	6°40	22°17	M22
T 23	22 37 1	7°28'09	25° 9	3°15	9°41	5°59	19°31	5°10	8°56	26°11	25° 1	29°57	29°25	6°46	22°14	T 23
W24	22 40 57	8°26'30	7♈28	5°10	10°54	6°30	19°44	5°17	8°54	26°11	25° 0	29°56	29°22	6°53	22°11	W24
T 25	22 44 54	9°24'53	19°59	7° 4	12° 7	7° 0	19°56	5°24	8°52	26°11	24°59	29°55	29°19	7° 0	22° 8	T 25
F 26	22 48 50	10°23'18	2♉43	8°57	13°20	7°30	20° 9	5°31	8°50	26°11	24°57	29°53	29°16	7° 6	22° 6	F 26
S 27	22 52 47	11°21'45	15°43	10°50	14°33	8° 0	20°22	5°38	8°48	26°10	24°56	29°52	29°13	7°13	22° 3	S 27
S 28	22 56 44	12°20'14	28°59	12°42	15°47	8°30	20°35	5°44	8°46	26°10	24°55	29°51	29°10	7°20	22° 0	S 28
M29	23 0 40	13°18'46	12♊34	14°33	17° 0	8°59	20°48	5°51	8°44	26°10	24°54	29°D51	29° 6	7°26	21°57	M29
T 30	23 4 37	14°17'20	26°27	16°22	18°13	9°28	21° 1	5°58	8°42	26°10	24°53	29°51	29° 3	7°33	21°55	T 30
W31	23 8 33	15♍15'56	10♋40	18♍11	19♌27	9♊56	21♍14	6♌ 4	8♒40	26°D10	24♓52	29♌52	29♌ 0	7♒40	21♒52	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	16n 2	15n35	5s17	19n25	1s17	22n19	0s33	17n26	1s22	7n 0	1n 7	20n11	0n31	18s33	0s42	22s22	1n 7	17s11	16s47	11n31	11n18	17s 2	7s44	6n25
T 2	15 45	17 49	5 4	19 31	1 0	22 15	0 30	17 36	1 21	6 55	1 7	20 9	0 31	18 33	0 42	22 22	1 7	17 11	16 47	11 31	11 19	17 1	7 45	6 25
W 3	15 27	19 0	4 31	19 35	0 44	22 10	0 27	17 45	1 20	6 50	1 7	20 8	0 32	18 34	0 42	22 22	1 7	17 12	16 47	11 32	11 20	17 0	7 46	6 25
T 4	15 9	18 55	3 40	19 36	0 29	22 4	0 24	17 54	1 19	6 45	1 7	20 6	0 32	18 35	0 42	22 22	1 7	17 13	16 47	11 32	11 22	16 59	7 47	6 25
F 5	14 51	17 30	2 34	19 36	0 14	21 58	0 20	18 3	1 18	6 40	1 7	20 4	0 32	18 35	0 42	22 22	1 7	17 13	16 48	11 32	11 23	16 58	7 48	6 25
S 6	14 33	14 50	1 15	19 32	0n 1	21 52	0 17	18 12	1 18	6 36	1 7	20 3	0 32	18 36	0 42	22 22	1 7	17 14	16 48	11 33	11 24	16 58	7 49	6 25
S 7	14 14	11 10	0n 8	19 26	0 14	21 44	0 14	18 21	1 17	6 31	1 7	20 1	0 32	18 36	0 42	22 22	1 7	17 14	16 48	11 33	11 25	16 57	7 50	6 25
M 8	13 55	6 50	1 29	19 17	0 27	21 36	0 11	18 30	1 16	6 26	1 7	19 59	0 32	18 37	0 42	22 22	1 7	17 15	16 48	11 33	11 26	16 56	7 51	6 25
T 9	13 36	2 11	2 43	19 6	0 39	21 28	0 8	18 38	1 15	6 21	1 7	19 58	0 32	18 38	0 42	22 22	1 7	17 16	16 48	11 32	11 27	16 55	7 52	6 25
W10	13 17	2s27	3 45	18 51	0 50	21 18	0 5	18 47	1 14	6 16	1 7	19 56	0 32	18 38	0 42	22 22	1 7	17 16	16 49	11 32	11 28	16 54	7 53	6 25
T 11	12 57	6 48	4 32	18 34	1 0	21 8	0 2	18 55	1 13	6 11	1 7	19 55	0 32	18 39	0 42	22 22	1 7	17 17	16 49	11 32	11 29	16 54	7 54	6 25
F 12	12 37	10 41	5 2	18 13	1 9	20 58	0n 1	19 3	1 13	6 6	1 7	19 53	0 32	18 40	0 42	22 22	1 6	17 17	16 49	11 32	11 31	16 53	7 55	6 25
S 13	12 17	13 55	5 17	17 50	1 17	20 47	0 4	19 11	1 12	6 1	1 7	19 51	0 33	18 40	0 42	22 22	1 6	17 18	16 49	11 32	11 32	16 52	7 56	6 24
S 14	11 57	16 26	5 15	17 25	1 24	20 35	0 7	19 19	1 11	5 56	1 7	19 50	0 33	18 41	0 42	22 22	1 6	17 18	16 49	11 32	11 33	16 51	7 57	6 24
M15	11 37	18 9	4 59	16 56	1 30	20 23	0 10	19 26	1 10	5 51	1 7	19 48	0 33	18 41	0 42	22 22	1 6	17 19	16 50	11 32	11 34	16 50	7 58	6 24
T 16	11 16	19 0	4 30	16 26	1 35	20 10	0 13	19 34	1 9	5 46	1 7	19 46	0 33	18 42	0 42	22 22	1 6	17 20	16 50	11 32	11 35	16 49	7 59	6 24
W17	10 56	19 1	3 50	15 53	1 39	19 57	0 16	19 41	1 8	5 41	1 7	19 45	0 33	18 42	0 42	22 22	1 6	17 20	16 50	11 32	11 36	16 49	8 0	6 24
T 18	10 35	18 10	3 0	15 19	1 43	19 43	0 18	19 48	1 7	5 36	1 7	19 43	0 33	18 43	0 42	22 22	1 6	17 21	16 50	11 32	11 37	16 48	8 1	6 24
F 19	10 14	16 33	2 3	14 42	1 45	19 28	0 21	19 55	1 6	5 31	1 7	19 42	0 33	18 44	0 42	22 22	1 6	17 21	16 50	11 32	11 38	16 47	8 2	6 24
S 20	9 52	14 12	1 0	14 4	1 47	19 13	0 24	20 2	1 5	5 26	1 7	19 40	0 33	18 44	0 42	22 22	1 6	17 22	16 50	11 32	11 40	16 46	8 3	6 24
S 21	9 31	11 15	0s 6	13 24	1 48	18 57	0 27	20 9	1 4	5 21	1 7	19 38	0 33	18 45	0 42	22 22	1 6	17 22	16 51	11 32	11 41	16 45	8 4	6 24
M22	9 10	7 48	1 12	12 43	1 48	18 41	0 29	20 16	1 3	5 16	1 7	19 37	0 34	18 45	0 42	22 22	1 6	17 23	16 51	11 32	11 42	16 44	8 5	6 23
T 23	8 48	4 0	2 15	12 1	1 47	18 24	0 32	20 22	1 2	5 11	1 7	19 35	0 34	18 46	0 42	22 22	1 6	17 24	16 51	11 32	11 43	16 43	8 6	6 23
W24	8 26	0n 1	3 14	11 18	1 46	18 7	0 35	20 28	1 1	5 6	1 7	19 34	0 34	18 46	0 42	22 22	1 6	17 24	16 51	11 32	11 44	16 43	8 7	6 23
T 25	8 4	4 5	4 3	10 34	1 44	17 49	0 37	20 35	1 0	5 1	1 7	19 32	0 34	18 47	0 42	22 22	1 6	17 25	16 51	11 33	11 45	16 42	8 8	6 23
F 26	7 42	8 2	4 42	9 49	1 42	17 31	0 40	20 41	0 58	4 56	1 7	19 31	0 34	18 47	0 42	22 22	1 6	17 25	16 51	11 33	11 46	16 41	8 9	6 23
S 27	7 20	11 42	5 7	9 4	1 39	17 12	0 42	20 47	0 57	4 51	1 7	19 29	0 34	18 48	0 42	22 22	1 6	17 26	16 51	11 34	11 47	16 40	8 10	6 23
S 28	6 57	14 51	5 17	8 18	1 36	16 52	0 45	20 53	0 56	4 46	1 7	19 27	0 34	18 48	0 42	22 22	1 6	17 26	16 51	11 34	11 48	16 39	8 11	6 22
M29	6 35	17 16	5 9	7 32	1 33	16 32	0 47	20 58	0 55	4 41	1 7	19 26	0 34	18 49	0 42	22 22	1 6	17 27	16 51	11 34	11 50	16 38	8 12	6 22
T 30	6 12	18 45	4 43	6 45	1 28	16 12	0 49	21 4	0 54	4 36	1 7	19 24	0 34	18 49	0 42	22 22	1 6	17 27	16 51	11 34	11 51	16 37	8 13	6 22
W31	5n50	19n 6	4s 0	5n59	1n24	15n51	0n51	21n 9	0s52	4n30	1n 7	19n23	0n35	18s50	0s42	22s23	1n 6	17s28	16s52	11n34	11n52	16s36	8s14	6n22

Julian Day Number = 2206322.5, Delta T = 09m41s
Ecliptic obliquity = 23°31'27, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°22'32, Lahiri = 14°29'33 Julian Calendar 1 Aug. 1328 == Greg. Calendar 9 Aug. 1328

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ASTRODIENST EPHEMERIS for the year 1328
geocentric

SEPTEMBER 1328 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	23 12 30	16♍14'35	25♋ 9	19♍59	20♌40	10♊25	21♍27	6♌11	8°R39	26♐10	24°R51	29♌53	28♌57	7♒46	21°R49	T 1
F 2	23 16 26	17°13'15	9♌52	21°46	21°53	10°53	21°40	6°17	8♒37	26°10	24♓49	29°54	28°54	7°53	21♒47	F 2
S 3	23 20 23	18°11'58	24°43	23°32	23° 7	11°20	21°53	6°24	8°35	26°10	24°48	29°R55	28°51	8° 0	21°44	S 3
S 4	23 24 19	19°10'43	9♍35	25°16	24°21	11°47	22° 6	6°30	8°34	26°11	24°47	29°55	28°47	8° 6	21°41	S 4
M 5	23 28 16	20° 9'30	24°21	27° 0	25°34	12°14	22°19	6°36	8°32	26°11	24°46	29°54	28°44	8°13	21°39	M 5
T 6	23 32 13	21° 8'19	8♎53	28°43	26°48	12°41	22°32	6°43	8°30	26°11	24°45	29°51	28°41	8°20	21°36	T 6
W 7	23 36 9	22° 7'10	23° 5	0♎25	28° 2	13° 7	22°45	6°49	8°29	26°11	24°43	29°48	28°38	8°26	21°34	W 7
T 8	23 40 6	23° 6'02	6♏53	2° 6	29°16	13°32	22°58	6°55	8°27	26°11	24°42	29°45	28°35	8°33	21°32	T 8
F 9	23 44 2	24° 4'57	20°16	3°46	0♏30	13°58	23°11	7° 1	8°26	26°12	24°41	29°42	28°31	8°40	21°29	F 9
S 10	23 47 59	25° 3'53	3♐14	5°25	1°43	14°22	23°24	7° 7	8°25	26°12	24°40	29°39	28°28	8°46	21°27	S 10
S 11	23 51 55	26° 2'51	15°49	7° 3	2°57	14°47	23°37	7°13	8°23	26°12	24°39	29°38	28°25	8°53	21°24	S 11
M12	23 55 52	27° 1'51	28° 6	8°41	4°11	15°11	23°50	7°19	8°22	26°13	24°37	29°D37	28°22	9° 0	21°22	M12
T 13	23 59 48	28° 0'53	10♑ 8	10°17	5°25	15°34	24° 3	7°25	8°21	26°13	24°36	29°38	28°19	9° 6	21°20	T 13
W14	0 3 45	28°59'57	22° 1	11°53	6°40	15°57	24°16	7°31	8°19	26°14	24°35	29°39	28°16	9°13	21°18	W14
T 15	0 7 42	29°59'02	3♒50	13°27	7°54	16°20	24°29	7°37	8°18	26°14	24°34	29°41	28°12	9°19	21°16	T 15
F 16	0 11 38	0♎58'09	15°39	15° 1	9° 8	16°42	24°42	7°42	8°17	26°15	24°33	29°43	28° 9	9°26	21°14	F 16
S 17	0 15 35	1°57'18	27°32	16°35	10°22	17° 4	24°55	7°48	8°16	26°15	24°32	29°R43	28° 6	9°33	21°11	S 17
S 18	0 19 31	2°56'29	9♓33	18° 7	11°36	17°25	25° 8	7°53	8°15	26°16	24°30	29°43	28° 3	9°39	21° 9	S 18
M19	0 23 28	3°55'42	21°44	19°38	12°51	17°46	25°21	7°59	8°14	26°17	24°29	29°41	28° 0	9°46	21° 8	M19
T 20	0 27 24	4°54'57	4♈ 8	21° 9	14° 5	18° 6	25°33	8° 4	8°13	26°17	24°28	29°37	27°56	9°53	21° 6	T 20
W21	0 31 21	5°54'14	16°45	22°39	15°19	18°26	25°46	8° 9	8°12	26°18	24°27	29°32	27°53	9°59	21° 4	W21
T 22	0 35 17	6°53'33	29°36	24° 8	16°34	18°46	25°59	8°15	8°11	26°19	24°26	29°26	27°50	10° 6	21° 2	T 22
F 23	0 39 14	7°52'54	12♉40	25°37	17°48	19° 4	26°12	8°20	8°10	26°19	24°24	29°19	27°47	10°13	21° 0	F 23
S 24	0 43 10	8°52'18	25°57	27° 4	19° 3	19°22	26°25	8°25	8° 9	26°20	24°23	29°13	27°44	10°19	20°58	S 24
S 25	0 47 7	9°51'44	9♊27	28°31	20°17	19°40	26°38	8°30	8° 8	26°21	24°22	29° 8	27°41	10°26	20°57	S 25
M26	0 51 4	10°51'12	23° 8	29°57	21°32	19°57	26°51	8°35	8° 8	26°22	24°21	29° 4	27°37	10°33	20°55	M26
T 27	0 55 0	11°50'43	7♋ 0	1♏22	22°47	20°14	27° 3	8°40	8° 7	26°23	24°20	29°D 3	27°34	10°39	20°54	T 27
W28	0 58 57	12°50'16	21° 2	2°46	24° 1	20°30	27°16	8°44	8° 6	26°24	24°19	29° 3	27°31	10°46	20°52	W28
T 29	1 2 53	13°49'51	5♌14	4°10	25°16	20°45	27°29	8°49	8° 6	26°25	24°18	29° 4	27°28	10°53	20°51	T 29
F 30	1 6 50	14♎49'29	19♌34	5♏32	26♍31	21♊ 0	27♍42	8♌54	8♒ 5	26♐26	24♓17	29♌ 5	27♌25	10♒59	20♒49	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	5n27	18n13	3s 1	5n12	1n19	15n30	0n54	21n15	0s51	4n25	1n 7	19n21	0n35	18s50	0s42	22s23	1n 6	17s28	16s52	11n33	11n53	16s35	8s16	6n22
F 2	5 4	16 6	1 49	4 25	1 14	15 8	0 56	21 20	0 50	4 20	1 7	19 20	0 35	18 50	0 42	22 23	1 6	17 29	16 52	11 33	11 54	16 35	8 17	6 21
S 3	4 41	12 53	0 29	3 38	1 9	14 46	0 58	21 25	0 49	4 15	1 7	19 18	0 35	18 51	0 42	22 23	1 5	17 30	16 52	11 33	11 55	16 34	8 18	6 21
S 4	4 18	8 50	0n53	2 51	1 3	14 24	1 0	21 30	0 47	4 10	1 7	19 17	0 35	18 51	0 42	22 23	1 5	17 30	16 52	11 33	11 56	16 33	8 19	6 21
M 5	3 55	4 15	2 11	2 4	0 57	14 1	1 2	21 35	0 46	4 5	1 7	19 15	0 35	18 52	0 42	22 23	1 5	17 31	16 52	11 33	11 57	16 32	8 20	6 21
T 6	3 32	0s29	3 19	1 18	0 51	13 37	1 4	21 40	0 45	4 0	1 7	19 14	0 35	18 52	0 41	22 23	1 5	17 31	16 52	11 34	11 58	16 31	8 21	6 20
W 7	3 8	5 5	4 13	0 31	0 45	13 14	1 6	21 44	0 43	3 55	1 7	19 12	0 36	18 52	0 41	22 23	1 5	17 32	16 52	11 35	12 0	16 30	8 22	6 20
T 8	2 45	9 17	4 50	0s15	0 39	12 50	1 8	21 49	0 42	3 49	1 7	19 11	0 36	18 53	0 41	22 23	1 5	17 32	16 52	11 36	12 1	16 29	8 23	6 20
F 9	2 22	12 53	5 10	1 1	0 32	12 25	1 9	21 53	0 40	3 44	1 7	19 10	0 36	18 53	0 41	22 23	1 5	17 33	16 52	11 37	12 2	16 28	8 24	6 20
S 10	1 58	15 44	5 14	1 46	0 26	12 0	1 11	21 58	0 39	3 39	1 7	19 8	0 36	18 54	0 41	22 23	1 5	17 33	16 52	11 38	12 3	16 27	8 25	6 19
S 11	1 35	17 45	5 2	2 31	0 19	11 35	1 13	22 2	0 38	3 34	1 7	19 7	0 36	18 54	0 41	22 23	1 5	17 34	16 52	11 39	12 4	16 26	8 26	6 19
M12	1 11	18 54	4 37	3 16	0 12	11 9	1 14	22 6	0 36	3 29	1 7	19 5	0 36	18 54	0 41	22 23	1 5	17 34	16 52	11 39	12 5	16 25	8 27	6 19
T 13	0 48	19 9	4 0	4 1	0 5	10 44	1 16	22 10	0 34	3 24	1 7	19 4	0 36	18 54	0 41	22 23	1 5	17 34	16 52	11 39	12 6	16 24	8 28	6 18
W14	0 24	18 33	3 12	4 45	0s 2	10 17	1 17	22 14	0 33	3 19	1 7	19 3	0 36	18 55	0 41	22 23	1 5	17 35	16 52	11 38	12 7	16 23	8 29	6 18
T 15	0 0	17 8	2 17	5 28	0 9	9 51	1 18	22 18	0 31	3 13	1 7	19 1	0 37	18 55	0 41	22 23	1 5	17 35	16 52	11 37	12 8	16 23	8 30	6 18
F 16	0s23	14 59	1 16	6 11	0 16	9 24	1 20	22 22	0 30	3 8	1 7	19 0	0 37	18 55	0 41	22 23	1 5	17 36	16 52	11 37	12 9	16 22	8 30	6 18
S 17	0 47	12 11	0 12	6 54	0 23	8 57	1 21	22 26	0 28	3 3	1 7	18 59	0 37	18 56	0 41	22 23	1 5	17 36	16 52	11 37	12 11	16 21	8 31	6 17
S 18	1 10	8 51	0s54	7 36	0 31	8 30	1 22	22 29	0 27	2 58	1 7	18 57	0 37	18 56	0 41	22 24	1 5	17 37	16 52	11 37	12 12	16 20	8 32	6 17
M19	1 34	5 5	1 57	8 17	0 38	8 2	1 23	22 33	0 25	2 53	1 7	18 56	0 37	18 56	0 41	22 24	1 5	17 37	16 52	11 37	12 13	16 19	8 33	6 17
T 20	1 58	1 3	2 57	8 58	0 45	7 35	1 24	22 36	0 23	2 48	1 7	18 55	0 37	18 56	0 41	22 24	1 5	17 38	16 52	11 39	12 14	16 18	8 34	6 16
W21	2 21	3n 5	3 48	9 39	0 52	7 7	1 25	22 40	0 21	2 43	1 7	18 54	0 37	18 57	0 41	22 24	1 5	17 38	16 52	11 41	12 15	16 17	8 35	6 16
T 22	2 45	7 10	4 30	10 18	0 59	6 38	1 26	22 43	0 20	2 38	1 7	18 52	0 38	18 57	0 41	22 24	1 5	17 38	16 52	11 43	12 16	16 16	8 36	6 16
F 23	3 8	10 58	4 57	10 57	1 6	6 10	1 27	22 47	0 18	2 33	1 7	18 51	0 38	18 57	0 41	22 24	1 5	17 39	16 52	11 45	12 17	16 15	8 37	6 15
S 24	3 32	14 18	5 10	11 36	1 13	5 41	1 27	22 50	0 16	2 27	1 7	18 50	0 38	18 57	0 41	22 24	1 5	17 39	16 51	11 47	12 18	16 14	8 38	6 15
S 25	3 55	16 55	5 5	12 14	1 20	5 13	1 28	22 53	0 14	2 22	1 7	18 49	0 38	18 57	0 41	22 24	1 4	17 39	16 51	11 49	12 19	16 13	8 39	6 15
M26	4 19	18 38	4 43	12 51	1 26	4 44	1 29	22 56	0 12	2 17	1 7	18 48	0 38	18 58	0 41	22 24	1 4	17 40	16 51	11 50	12 20	16 12	8 39	6 14
T 27	4 42	19 16	4 5	13 27	1 33	4 14	1 29	22 59	0 10	2 12	1 7	18 47	0 38	18 58	0 41	22 24	1 4	17 40	16 51	11 51	12 22	16 11	8 40	6 14
W28	5 5	18 43	3 11	14 2	1 40	3 45	1 30	23 2	0 8	2 7	1 8	18 45	0 38	18 58	0 41	22 24	1 4	17 41	16 51	11 51	12 23	16 10	8 41	6 14
T 29	5 29	17 0	2 6	14 37	1 46	3 16	1 30	23 6	0 7	2 2	1 8	18 44	0 39	18 58	0 41	22 24	1 4	17 41	16 51	11 50	12 24	16 9	8 42	6 13
F 30	5s52	14n11	0s51	15s11	1s52	2n46	1n30	23n 9	0s 5	1n57	1n 8	18n43	0n39	18s58	0s41	22s24	1n 4	17s41	16s51	11n50	12n25	16s 8	8s43	6n13

Julian Day Number = 2206353.5, Delta T = 09m41s
Ecliptic obliquity = 23°31'28, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°22'37, Lahiri = 14°29'37 Julian Calendar 1 Sept. 1328 == Greg. Calendar 9 Sept. 1328

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ASTRODIENST EPHEMERIS for the year 1328
geocentric

OCTOBER 1328 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	1 10 46	15♎49'09	4♍ 0	6♏54	27♍46	21♊14	27♍54	8♌58	8°R 5	26♐27	24°R15	29°R 6	27♌22	11♒ 6	20°R48	S 1
S 2	1 14 43	16°48'51	18°27	8°14	29° 0	21°27	28° 7	9° 3	8♒ 4	26°28	24♓14	29♌ 4	27°18	11°13	20♒47	S 2
M 3	1 18 39	17°48'35	2♎52	9°34	0♎15	21°40	28°20	9° 7	8° 4	26°29	24°13	29° 0	27°15	11°19	20°45	M 3
T 4	1 22 36	18°48'21	17° 7	10°52	1°30	21°52	28°32	9°11	8° 4	26°30	24°12	28°54	27°12	11°26	20°44	T 4
W 5	1 26 33	19°48'10	1♏ 9	12° 9	2°45	22° 3	28°45	9°15	8° 4	26°31	24°11	28°46	27° 9	11°32	20°43	W 5
T 6	1 30 29	20°48'00	14°51	13°24	4° 0	22°14	28°57	9°19	8° 3	26°32	24°10	28°37	27° 6	11°39	20°42	T 6
F 7	1 34 26	21°47'52	28°12	14°38	5°15	22°24	29°10	9°23	8° 3	26°33	24° 9	28°28	27° 2	11°46	20°41	F 7
S 8	1 38 22	22°47'46	11♐10	15°51	6°30	22°33	29°22	9°27	8° 3	26°34	24° 8	28°20	26°59	11°52	20°40	S 8
S 9	1 42 19	23°47'42	23°47	17° 1	7°45	22°41	29°35	9°31	8° 3	26°36	24° 7	28°13	26°56	11°59	20°39	S 9
M10	1 46 15	24°47'40	6♑ 5	18°10	9° 0	22°49	29°47	9°35	8°D 3	26°37	24° 6	28° 9	26°53	12° 6	20°38	M10
T 11	1 50 12	25°47'39	18° 8	19°17	10°15	22°56	29°59	9°38	8° 3	26°38	24° 5	28° 7	26°50	12°12	20°37	T 11
W12	1 54 8	26°47'40	0♒ 1	20°21	11°30	23° 3	0♎12	9°42	8° 3	26°40	24° 4	28°D 7	26°47	12°19	20°37	W12
T 13	1 58 5	27°47'42	11°49	21°23	12°45	23° 8	0°24	9°45	8° 3	26°41	24° 3	28° 8	26°43	12°26	20°36	T 13
F 14	2 2 2	28°47'47	23°39	22°21	14° 0	23°13	0°36	9°49	8° 3	26°42	24° 2	28°R 8	26°40	12°32	20°35	F 14
S 15	2 5 58	29°47'52	5♓34	23°17	15°15	23°17	0°48	9°52	8° 4	26°44	24° 1	28° 8	26°37	12°39	20°35	S 15
S 16	2 9 55	0♏48'00	17°40	24° 8	16°31	23°20	1° 1	9°55	8° 4	26°45	24° 0	28° 6	26°34	12°46	20°34	S 16
M17	2 13 51	1°48'09	29°59	24°56	17°46	23°22	1°13	9°58	8° 4	26°47	23°59	28° 2	26°31	12°52	20°34	M17
T 18	2 17 48	2°48'19	12♈37	25°39	19° 1	23°23	1°25	10° 1	8° 5	26°48	23°58	27°54	26°28	12°59	20°34	T 18
W19	2 21 44	3°48'32	25°33	26°17	20°16	23°R24	1°37	10° 4	8° 5	26°50	23°58	27°45	26°24	13° 6	20°33	W19
T 20	2 25 41	4°48'46	8♉46	26°49	21°31	23°24	1°48	10° 7	8° 6	26°51	23°57	27°34	26°21	13°12	20°33	T 20
F 21	2 29 37	5°49'02	22°16	27°16	22°47	23°23	2° 0	10° 9	8° 6	26°53	23°56	27°22	26°18	13°19	20°33	F 21
S 22	2 33 34	6°49'20	5♊58	27°35	24° 2	23°21	2°12	10°12	8° 7	26°54	23°55	27°11	26°15	13°26	20°33	S 22
S 23	2 37 31	7°49'40	19°51	27°46	25°17	23°18	2°24	10°14	8° 7	26°56	23°54	27° 1	26°12	13°32	20°D33	S 23
M24	2 41 27	8°50'01	3♋50	27°R49	26°32	23°14	2°36	10°16	8° 8	26°58	23°53	26°54	26° 8	13°39	20°33	M24
T 25	2 45 24	9°50'25	17°53	27°43	27°48	23°10	2°47	10°19	8° 9	26°59	23°53	26°50	26° 5	13°45	20°33	T 25
W26	2 49 20	10°50'51	1♌58	27°28	29° 3	23° 4	2°59	10°21	8°10	27° 1	23°52	26°48	26° 2	13°52	20°33	W26
T 27	2 53 17	11°51'18	16° 3	27° 2	0♏18	22°58	3°10	10°23	8°10	27° 3	23°51	26°D48	25°59	13°59	20°33	T 27
F 28	2 57 13	12°51'48	0♍ 8	26°27	1°34	22°51	3°22	10°25	8°11	27° 4	23°50	26°R48	25°56	14° 5	20°34	F 28
S 29	3 1 10	13°52'19	14°12	25°41	2°49	22°43	3°33	10°26	8°12	27° 6	23°50	26°47	25°53	14°12	20°34	S 29
S 30	3 5 6	14°52'52	28°14	24°45	4° 5	22°34	3°44	10°28	8°13	27° 8	23°49	26°44	25°49	14°19	20°34	S 30
M31	3 9 3	15♏53'27	12♎11	23♏40	5♏20	22♊24	3♎55	10♌30	8♒14	27♐10	23♓48	26♌38	25♌46	14♒25	20♒35	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	6s15	10n29	0n26	15s44	1s58	2n17	1n31	23n12	0s 2	1n52	1n 8	18n42	0n39	18s58	0s41	22s24	1n 4	17s42	16s51	11n50	12n26	16s 7	8s43	6n13
S 2	6 38	6 9	1 43	16 16	2 4	1 47	1 31	23 14	0 0	1 47	1 8	18 41	0 39	18 58	0 41	22 24	1 4	17 42	16 51	11 50	12 27	16 6	8 44	6 12
M 3	7 1	1 29	2 52	16 47	2 10	1 17	1 31	23 17	0n 2	1 42	1 8	18 40	0 39	18 58	0 41	22 25	1 4	17 42	16 50	11 52	12 28	16 5	8 45	6 12
T 4	7 24	3s13	3 49	17 17	2 15	0 47	1 31	23 20	0 4	1 37	1 8	18 39	0 39	18 58	0 41	22 25	1 4	17 42	16 50	11 54	12 29	16 4	8 46	6 11
W 5	7 46	7 40	4 32	17 46	2 21	0 17	1 31	23 23	0 6	1 32	1 8	18 38	0 40	18 58	0 41	22 25	1 4	17 43	16 50	11 57	12 30	16 3	8 46	6 11
T 6	8 9	11 36	4 58	18 14	2 25	0s12	1 31	23 26	0 8	1 27	1 8	18 37	0 40	18 58	0 41	22 25	1 4	17 43	16 50	12 0	12 31	16 2	8 47	6 11
F 7	8 31	14 51	5 6	18 40	2 30	0 42	1 31	23 29	0 10	1 23	1 8	18 36	0 40	18 58	0 41	22 25	1 4	17 43	16 50	12 3	12 32	16 1	8 48	6 10
S 8	8 54	17 16	4 59	19 6	2 34	1 12	1 30	23 31	0 13	1 18	1 8	18 36	0 40	18 58	0 41	22 25	1 4	17 44	16 50	12 6	12 34	16 0	8 48	6 10
S 9	9 16	18 46	4 37	19 30	2 38	1 42	1 30	23 34	0 15	1 13	1 8	18 35	0 40	18 58	0 41	22 25	1 4	17 44	16 49	12 8	12 35	15 59	8 49	6 9
M10	9 38	19 21	4 2	19 54	2 42	2 12	1 30	23 37	0 17	1 8	1 8	18 34	0 40	18 58	0 41	22 25	1 4	17 44	16 49	12 9	12 36	15 58	8 50	6 9
T 11	10 0	19 2	3 18	20 15	2 45	2 42	1 29	23 40	0 20	1 3	1 9	18 33	0 40	18 58	0 41	22 25	1 4	17 44	16 49	12 10	12 37	15 57	8 50	6 9
W12	10 22	17 51	2 25	20 35	2 48	3 12	1 29	23 42	0 22	0 58	1 9	18 32	0 41	18 58	0 41	22 25	1 4	17 44	16 49	12 10	12 38	15 56	8 51	6 8
T 13	10 44	15 55	1 26	20 54	2 50	3 42	1 28	23 45	0 24	0 53	1 9	18 31	0 41	18 58	0 41	22 25	1 4	17 45	16 49	12 10	12 39	15 55	8 51	6 8
F 14	11 5	13 18	0 24	21 11	2 51	4 12	1 27	23 48	0 27	0 49	1 9	18 31	0 41	18 58	0 40	22 25	1 4	17 45	16 48	12 10	12 40	15 54	8 52	6 7
S 15	11 26	10 7	0s40	21 26	2 52	4 42	1 27	23 51	0 29	0 44	1 9	18 30	0 41	18 58	0 40	22 25	1 4	17 45	16 48	12 10	12 41	15 53	8 53	6 7
S 16	11 48	6 28	1 42	21 40	2 53	5 11	1 26	23 53	0 32	0 39	1 9	18 29	0 41	18 58	0 40	22 25	1 4	17 45	16 48	12 11	12 42	15 52	8 53	6 7
M17	12 9	2 28	2 41	21 51	2 52	5 41	1 25	23 56	0 35	0 34	1 9	18 29	0 41	18 58	0 40	22 26	1 4	17 45	16 48	12 12	12 43	15 51	8 54	6 6
T 18	12 29	1n43	3 34	22 0	2 51	6 10	1 24	23 59	0 37	0 30	1 9	18 28	0 42	18 58	0 40	22 26	1 4	17 46	16 48	12 15	12 44	15 49	8 54	6 6
W19	12 50	5 56	4 17	22 7	2 49	6 40	1 23	24 1	0 40	0 25	1 9	18 27	0 42	18 58	0 40	22 26	1 3	17 46	16 47	12 18	12 46	15 48	8 55	6 5
T 20	13 10	9 57	4 46	22 12	2 45	7 9	1 22	24 4	0 42	0 20	1 9	18 27	0 42	18 57	0 40	22 26	1 3	17 46	16 47	12 22	12 47	15 47	8 55	6 5
F 21	13 30	13 33	5 1	22 14	2 41	7 38	1 21	24 6	0 45	0 16	1 10	18 26	0 42	18 57	0 40	22 26	1 3	17 46	16 47	12 26	12 48	15 46	8 55	6 5
S 22	13 50	16 28	4 59	22 13	2 36	8 7	1 20	24 9	0 48	0 11	1 10	18 26	0 42	18 57	0 40	22 26	1 3	17 46	16 47	12 30	12 49	15 45	8 56	6 4
S 23	14 10	18 30	4 39	22 9	2 29	8 36	1 19	24 12	0 51	0 7	1 10	18 25	0 42	18 57	0 40	22 26	1 3	17 46	16 46	12 33	12 50	15 44	8 56	6 4
M24	14 30	19 26	4 2	22 1	2 20	9 4	1 18	24 14	0 53	0 2	1 10	18 25	0 43	18 57	0 40	22 26	1 3	17 46	16 46	12 35	12 51	15 43	8 57	6 3
T 25	14 49	19 10	3 11	21 51	2 11	9 33	1 16	24 17	0 56	0s 2	1 10	18 24	0 43	18 56	0 40	22 26	1 3	17 46	16 46	12 37	12 52	15 42	8 57	6 3
W26	15 8	17 43	2 8	21 36	1 59	10 1	1 15	24 19	0 59	0 7	1 10	18 24	0 43	18 56	0 40	22 26	1 3	17 46	16 46	12 37	12 53	15 41	8 57	6 3
T 27	15 27	15 11	0 57	21 17	1 46	10 28	1 13	24 22	1 2	0 11	1 10	18 24	0 43	18 56	0 40	22 26	1 3	17 46	16 45	12 37	12 54	15 40	8 58	6 2
F 28	15 45	11 44	0n18	20 55	1 32	10 56	1 12	24 24	1 5	0 16	1 10	18 23	0 43	18 56	0 40	22 26	1 3	17 46	16 45	12 37	12 55	15 39	8 58	6 2
S 29	16 4	7 38	1 31	20 28	1 15	11 24	1 10	24 27	1 8	0 20	1 11	18 23	0 43	18 55	0 40	22 26	1 3	17 47	16 45	12 38	12 56	15 38	8 58	6 1
S 30	16 22	3 7	2 38	19 57	0 58	11 51	1 9	24 29	1 10	0 25	1 11	18 23	0 44	18 55	0 40	22 26	1 3	17 47	16 45	12 39	12 57	15 37	8 59	6 1
M31	16s39	1s32	3n36	19s23	0s39	12s17	1n 7	24n32	1n13	0s29	1n11	18n22	0n44	18s55	0s40	22s27	1n 3	17s47	16s44	12n41	12n58	15s35	8s59	6n 0

Julian Day Number = 2206383.5, Delta T = 09m40s
Ecliptic obliquity = 23°31'28, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°22'41, Lahiri = 14°29'41 Julian Calendar 1 Oct. 1328 == Greg. Calendar 9 Oct. 1328

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ASTRODIENST EPHEMERIS for the year 1328
geocentric

NOVEMBER 1328 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	3 13 0	16♏54'04	26♎ 1	22°R28	6♏35	22°R13	4♎ 7	10♌31	8♒15	27♐12	23°R48	26°R29	25♌43	14♒32	20♒35	T 1
W 2	3 16 56	17°54'42	9♏41	21♏10	7°51	22♊ 2	4°18	10°32	8°17	27°13	23♓47	26♌17	25°40	14°39	20°36	W 2
T 3	3 20 53	18°55'22	23° 6	19°50	9° 6	21°49	4°29	10°34	8°18	27°15	23°46	26° 4	25°37	14°45	20°37	T 3
F 4	3 24 49	19°56'03	6♐15	18°28	10°22	21°36	4°40	10°35	8°19	27°17	23°46	25°51	25°33	14°52	20°37	F 4
S 5	3 28 46	20°56'46	19° 6	17° 8	11°37	21°22	4°50	10°36	8°20	27°19	23°45	25°38	25°30	14°59	20°38	S 5
S 6	3 32 42	21°57'30	1♑38	15°54	12°53	21° 7	5° 1	10°37	8°22	27°21	23°45	25°28	25°27	15° 5	20°39	S 6
M 7	3 36 39	22°58'15	13°54	14°46	14° 8	20°52	5°12	10°37	8°23	27°23	23°44	25°20	25°24	15°12	20°40	M 7
T 8	3 40 35	23°59'02	25°56	13°47	15°24	20°35	5°22	10°38	8°24	27°25	23°44	25°15	25°21	15°19	20°41	T 8
W 9	3 44 32	24°59'49	7♒48	12°59	16°39	20°18	5°33	10°39	8°26	27°27	23°43	25°13	25°18	15°25	20°42	W 9
T 10	3 48 29	26° 0'37	19°36	12°22	17°55	20° 0	5°43	10°39	8°28	27°29	23°43	25°12	25°14	15°32	20°43	T 10
F 11	3 52 25	27° 1'27	1♓24	11°56	19°10	19°42	5°54	10°39	8°29	27°31	23°42	25°12	25°11	15°38	20°44	F 11
S 12	3 56 22	28° 2'17	13°19	11°43	20°26	19°23	6° 4	10°40	8°31	27°33	23°42	25°11	25° 8	15°45	20°45	S 12
S 13	4 0 18	29° 3'08	25°26	11°D40	21°41	19° 3	6°14	10°R40	8°32	27°35	23°42	25° 9	25° 5	15°52	20°46	S 13
M14	4 4 15	0♐ 4'00	7♈49	11°47	22°57	18°43	6°24	10°40	8°34	27°37	23°41	25° 5	25° 2	15°58	20°48	M14
T 15	4 8 11	1° 4'53	20°34	12° 5	24°12	18°22	6°34	10°40	8°36	27°39	23°41	24°57	24°59	16° 5	20°49	T 15
W16	4 12 8	2° 5'47	3♉41	12°31	25°28	18° 1	6°44	10°39	8°38	27°41	23°40	24°47	24°55	16°12	20°51	W16
T 17	4 16 4	3° 6'41	17°11	13° 5	26°43	17°39	6°53	10°39	8°40	27°43	23°40	24°35	24°52	16°18	20°52	T 17
F 18	4 20 1	4° 7'37	1♊ 3	13°46	27°59	17°17	7° 3	10°39	8°41	27°45	23°40	24°22	24°49	16°25	20°54	F 18
S 19	4 23 58	5° 8'34	15°12	14°34	29°14	16°55	7°13	10°38	8°43	27°47	23°40	24°10	24°46	16°32	20°55	S 19
S 20	4 27 54	6° 9'32	29°33	15°27	0♐30	16°32	7°22	10°37	8°45	27°50	23°39	24° 0	24°43	16°38	20°57	S 20
M21	4 31 51	7°10'31	13♋59	16°25	1°45	16° 9	7°31	10°36	8°47	27°52	23°39	23°52	24°39	16°45	20°59	M21
T 22	4 35 47	8°11'30	28°25	17°27	3° 1	15°46	7°41	10°36	8°50	27°54	23°39	23°47	24°36	16°52	21° 0	T 22
W23	4 39 44	9°12'32	12♌47	18°34	4°16	15°23	7°50	10°35	8°52	27°56	23°39	23°45	24°33	16°58	21° 2	W23
T 24	4 43 40	10°13'34	27° 0	19°43	5°32	14°59	7°59	10°33	8°54	27°58	23°39	23°D45	24°30	17° 5	21° 4	T 24
F 25	4 47 37	11°14'37	11♍ 4	20°55	6°47	14°36	8° 8	10°32	8°56	28° 0	23°39	23°R45	24°27	17°12	21° 6	F 25
S 26	4 51 33	12°15'41	24°59	22°10	8° 3	14°12	8°16	10°31	8°58	28° 3	23°38	23°44	24°24	17°18	21° 8	S 26
S 27	4 55 30	13°16'46	8♎43	23°26	9°18	13°49	8°25	10°29	9° 0	28° 5	23°38	23°42	24°20	17°25	21°10	S 27
M28	4 59 27	14°17'52	22°18	24°45	10°34	13°25	8°33	10°28	9° 3	28° 7	23°38	23°36	24°17	17°31	21°12	M28
T 29	5 3 23	15°18'59	5♏43	26° 5	11°50	13° 2	8°42	10°26	9° 5	28° 9	23°38	23°28	24°14	17°38	21°14	T 29
W30	5 7 20	16♐20'07	18♏57	27♏26	13♐ 5	12♊39	8♎50	10♌24	9♒ 8	28♐12	23°D38	23♌18	24♌11	17♒45	21♒17	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	16s57	6s 3	4n20	18s45	0s19	12s44	1n 6	24n34	1n16	0s33	1n11	18n22	0n44	18s54	0s40	22s27	1n 3	17s47	16s44	12n44	13n 0	15s34	8s59	6n 0
W 2	17 14	10 12	4 48	18 5	0n 2	13 10	1 4	24 36	1 19	0 38	1 11	18 22	0 44	18 54	0 40	22 27	1 3	17 47	16 44	12 48	13 1	15 33	8 59	6 0
T 3	17 31	13 46	5 0	17 24	0 22	13 36	1 2	24 38	1 22	0 42	1 11	18 22	0 44	18 54	0 40	22 27	1 3	17 46	16 43	12 52	13 2	15 32	8 59	5 59
F 4	17 47	16 34	4 56	16 42	0 42	14 2	1 0	24 40	1 25	0 46	1 11	18 22	0 45	18 53	0 40	22 27	1 3	17 46	16 43	12 57	13 3	15 31	9 0	5 59
S 5	18 3	18 29	4 36	16 1	1 2	14 27	0 58	24 42	1 28	0 50	1 12	18 22	0 45	18 53	0 40	22 27	1 3	17 46	16 43	13 1	13 4	15 30	9 0	5 58
S 6	18 19	19 27	4 3	15 23	1 20	14 52	0 57	24 44	1 31	0 54	1 12	18 21	0 45	18 53	0 40	22 27	1 3	17 46	16 42	13 5	13 5	15 29	9 0	5 58
M 7	18 35	19 29	3 20	14 47	1 37	15 16	0 55	24 46	1 34	0 58	1 12	18 21	0 45	18 52	0 40	22 27	1 3	17 46	16 42	13 7	13 6	15 28	9 0	5 58
T 8	18 50	18 36	2 28	14 16	1 51	15 40	0 53	24 48	1 37	1 2	1 12	18 21	0 45	18 52	0 40	22 27	1 3	17 46	16 42	13 9	13 7	15 27	9 0	5 57
W 9	19 5	16 55	1 31	13 49	2 4	16 4	0 51	24 50	1 40	1 6	1 12	18 21	0 45	18 51	0 40	22 27	1 3	17 46	16 42	13 10	13 8	15 25	9 0	5 57
T 10	19 20	14 31	0 30	13 28	2 14	16 27	0 49	24 51	1 43	1 10	1 12	18 21	0 46	18 51	0 40	22 27	1 3	17 46	16 41	13 10	13 9	15 24	9 0	5 56
F 11	19 34	11 31	0s33	13 13	2 23	16 50	0 46	24 53	1 46	1 14	1 12	18 22	0 46	18 51	0 40	22 27	1 3	17 46	16 41	13 10	13 10	15 23	9 0	5 56
S 12	19 48	8 2	1 35	13 2	2 29	17 12	0 44	24 54	1 49	1 18	1 13	18 22	0 46	18 50	0 40	22 27	1 3	17 46	16 41	13 10	13 11	15 22	9 0	5 56
S 13	20 1	4 10	2 33	12 57	2 33	17 34	0 42	24 55	1 51	1 22	1 13	18 22	0 46	18 50	0 40	22 27	1 3	17 46	16 40	13 11	13 12	15 21	9 0	5 55
M14	20 14	0 2	3 25	12 57	2 36	17 56	0 40	24 56	1 54	1 26	1 13	18 22	0 46	18 49	0 40	22 27	1 3	17 45	16 40	13 13	13 13	15 20	9 0	5 55
T 15	20 27	4n13	4 9	13 1	2 37	18 17	0 38	24 57	1 57	1 30	1 13	18 22	0 46	18 49	0 40	22 28	1 3	17 45	16 40	13 15	13 15	15 19	9 0	5 54
W16	20 39	8 23	4 41	13 9	2 37	18 37	0 36	24 58	2 0	1 34	1 13	18 22	0 47	18 48	0 40	22 28	1 3	17 45	16 39	13 18	13 16	15 17	9 0	5 54
T 17	20 51	12 15	4 58	13 21	2 36	18 57	0 33	24 59	2 2	1 37	1 13	18 23	0 47	18 48	0 39	22 28	1 3	17 45	16 39	13 22	13 17	15 16	9 0	5 54
F 18	21 3	15 34	4 59	13 35	2 33	19 16	0 31	24 59	2 5	1 41	1 14	18 23	0 47	18 47	0 39	22 28	1 3	17 45	16 39	13 27	13 18	15 15	9 0	5 53
S 19	21 14	18 3	4 41	13 53	2 30	19 35	0 29	25 0	2 8	1 45	1 14	18 23	0 47	18 47	0 39	22 28	1 3	17 45	16 38	13 31	13 19	15 14	9 0	5 53
S 20	21 25	19 26	4 6	14 12	2 26	19 54	0 27	25 0	2 10	1 48	1 14	18 24	0 47	18 46	0 39	22 28	1 3	17 44	16 38	13 34	13 20	15 13	9 0	5 52
M21	21 35	19 34	3 14	14 33	2 21	20 11	0 24	25 0	2 13	1 52	1 14	18 24	0 48	18 46	0 39	22 28	1 3	17 44	16 38	13 37	13 21	15 12	8 59	5 52
T 22	21 45	18 26	2 10	14 56	2 16	20 29	0 22	25 0	2 15	1 55	1 14	18 25	0 48	18 45	0 39	22 28	1 2	17 44	16 37	13 38	13 22	15 11	8 59	5 52
W23	21 55	16 7	0 58	15 20	2 10	20 45	0 20	25 0	2 18	1 58	1 15	18 25	0 48	18 44	0 39	22 28	1 2	17 44	16 37	13 39	13 23	15 9	8 59	5 51
T 24	22 4	12 50	0n17	15 45	2 3	21 1	0 17	25 0	2 20	2 2	1 15	18 25	0 48	18 44	0 39	22 28	1 2	17 43	16 36	13 39	13 24	15 8	8 59	5 51
F 25	22 12	8 50	1 31	16 10	1 57	21 17	0 15	24 59	2 22	2 5	1 15	18 26	0 48	18 43	0 39	22 28	1 2	17 43	16 36	13 39	13 25	15 7	8 58	5 51
S 26	22 21	4 25	2 38	16 36	1 50	21 31	0 13	24 59	2 25	2 8	1 15	18 26	0 48	18 43	0 39	22 28	1 2	17 43	16 36	13 39	13 26	15 6	8 58	5 50
S 27	22 28	0s11	3 35	17 2	1 43	21 45	0 10	24 58	2 27	2 12	1 15	18 27	0 49	18 42	0 39	22 28	1 2	17 42	16 35	13 40	13 27	15 5	8 58	5 50
M28	22 36	4 42	4 19	17 29	1 36	21 59	0 8	24 57	2 29	2 15	1 16	18 28	0 49	18 41	0 39	22 28	1 2	17 42	16 35	13 42	13 28	15 3	8 58	5 49
T 29	22 43	8 56	4 48	17 55	1 28	22 12	0 5	24 56	2 31	2 18	1 16	18 28	0 49	18 41	0 39	22 28	1 2	17 42	16 35	13 45	13 29	15 2	8 57	5 49
W30	22s49	12s41	5n 2	18s21	1n21	22s24	0n 3	24n55	2n33	2s21	1n16	18n29	0n49	18s40	0s39	22s28	1n 2	17s42	16s34	13n48	13n30	15s 1	8s57	5n49

Julian Day Number = 2206414.5, Delta T = 09m40s
Ecliptic obliquity = 23°31'28, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°22'45, Lahiri = 14°29'45 Julian Calendar 1 Nov. 1328 == Greg. Calendar 9 Nov. 1328

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ASTRODIENST EPHEMERIS for the year 1328
geocentric

DECEMBER 1328 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	5 11 16	17♐21'16	1♐59	28♏49	14♐21	12°R16	8♎58	10°R23	9♒10	28♐14	23♓38	23°R 6	24♌ 8	17♒51	21♒19	T 1
F 2	5 15 13	18°22'25	14°49	0♐13	15°36	11♊53	9° 6	10♌21	9°12	28°16	23°38	22♌54	24° 5	17°58	21°21	F 2
S 3	5 19 9	19°23'35	27°24	1°38	16°52	11°31	9°14	10°18	9°15	28°18	23°38	22°42	24° 1	18° 5	21°24	S 3
S 4	5 23 6	20°24'45	9♑46	3° 4	18° 7	11° 9	9°22	10°16	9°17	28°21	23°39	22°32	23°58	18°11	21°26	S 4
M 5	5 27 2	21°25'55	21°55	4°30	19°23	10°47	9°30	10°14	9°20	28°23	23°39	22°25	23°55	18°18	21°28	M 5
T 6	5 30 59	22°27'06	3♒53	5°57	20°38	10°26	9°37	10°12	9°23	28°25	23°39	22°21	23°52	18°25	21°31	T 6
W 7	5 34 56	23°28'17	15°44	7°25	21°54	10° 5	9°44	10° 9	9°25	28°27	23°39	22°19	23°49	18°31	21°34	W 7
T 8	5 38 52	24°29'28	27°30	8°53	23° 9	9°45	9°52	10° 6	9°28	28°30	23°39	22°D18	23°45	18°38	21°36	T 8
F 9	5 42 49	25°30'38	9♓17	10°22	24°25	9°26	9°59	10° 4	9°31	28°32	23°39	22°19	23°42	18°45	21°39	F 9
S 10	5 46 45	26°31'49	21°10	11°51	25°40	9° 7	10° 6	10° 1	9°33	28°34	23°40	22°R20	23°39	18°51	21°42	S 10
S 11	5 50 42	27°33'00	3♈15	13°21	26°56	8°49	10°12	9°58	9°36	28°36	23°40	22°20	23°36	18°58	21°44	S 11
M12	5 54 38	28°34'10	15°36	14°51	28°11	8°31	10°19	9°55	9°39	28°39	23°40	22°18	23°33	19° 5	21°47	M12
T 13	5 58 35	29°35'21	28°19	16°21	29°27	8°14	10°26	9°52	9°42	28°41	23°40	22°15	23°30	19°11	21°50	T 13
W14	6 2 31	0♑36'31	11♉27	17°52	0♑42	7°58	10°32	9°49	9°45	28°43	23°41	22° 9	23°26	19°18	21°53	W14
T 15	6 6 28	1°37'41	25° 2	19°23	1°58	7°43	10°38	9°46	9°48	28°45	23°41	22° 1	23°23	19°24	21°56	T 15
F 16	6 10 25	2°38'51	9♊ 4	20°55	3°13	7°28	10°44	9°42	9°51	28°48	23°41	21°52	23°20	19°31	21°59	F 16
S 17	6 14 21	3°40'01	23°29	22°27	4°29	7°14	10°50	9°39	9°53	28°50	23°42	21°44	23°17	19°38	22° 2	S 17
S 18	6 18 18	4°41'11	8♋11	23°59	5°44	7° 1	10°56	9°36	9°56	28°52	23°42	21°37	23°14	19°44	22° 5	S 18
M19	6 22 14	5°42'20	23° 3	25°32	7° 0	6°49	11° 1	9°32	9°59	28°55	23°43	21°32	23°11	19°51	22° 8	M19
T 20	6 26 11	6°43'30	7♌56	27° 5	8°15	6°37	11° 7	9°28	10° 3	28°57	23°43	21°29	23° 7	19°58	22°11	T 20
W21	6 30 7	7°44'39	22°43	28°39	9°31	6°26	11°12	9°25	10° 6	28°59	23°44	21°D28	23° 4	20° 4	22°14	W21
T 22	6 34 4	8°45'49	7♍17	0♑13	10°46	6°16	11°17	9°21	10° 9	29° 1	23°44	21°29	23° 1	20°11	22°17	T 22
F 23	6 38 0	9°46'58	21°35	1°47	12° 2	6° 7	11°22	9°17	10°12	29° 4	23°45	21°31	22°58	20°18	22°21	F 23
S 24	6 41 57	10°48'07	5♎35	3°22	13°17	5°59	11°27	9°13	10°15	29° 6	23°45	21°R32	22°55	20°24	22°24	S 24
S 25	6 45 54	11°49'16	19°17	4°57	14°33	5°51	11°32	9° 9	10°18	29° 8	23°46	21°31	22°51	20°31	22°27	S 25
M26	6 49 50	12°50'26	2♏41	6°33	15°48	5°45	11°36	9° 5	10°21	29°10	23°46	21°30	22°48	20°38	22°31	M26
T 27	6 53 47	13°51'35	15°50	8° 9	17° 3	5°39	11°40	9° 1	10°24	29°13	23°47	21°26	22°45	20°44	22°34	T 27
W28	6 57 43	14°52'44	28°44	9°46	18°19	5°33	11°44	8°57	10°28	29°15	23°48	21°21	22°42	20°51	22°37	W28
T 29	7 1 40	15°53'52	11♐26	11°23	19°34	5°29	11°48	8°52	10°31	29°17	23°48	21°14	22°39	20°57	22°41	T 29
F 30	7 5 36	16°55'00	23°55	13° 0	20°50	5°26	11°52	8°48	10°34	29°19	23°49	21° 8	22°36	21° 4	22°44	F 30
S 31	7 9 33	17♑56'08	6♑13	14♑39	22♑ 5	5♊23	11♎56	8♌44	10♒37	29♐21	23♓50	21♌ 2	22♌32	21♒11	22♒48	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22s55	15s45	4n59	18s47	1n13	22s36	0n 1	24n54	2n34	2s24	1n16	18n30	0n49	18s39	0s39	22s28	1n 2	17s41	16s34	13n52	13n32	15s 0	8s57	5n48
F 2	23 1	18 0	4 41	19 12	1 5	22 46	0s 2	24 52	2 36	2 27	1 16	18 30	0 50	18 39	0 39	22 28	1 2	17 41	16 34	13 56	13 33	14 59	8 56	5 48
S 3	23 6	19 20	4 10	19 37	0 58	22 57	0 4	24 51	2 38	2 30	1 17	18 31	0 50	18 38	0 39	22 28	1 2	17 41	16 33	14 0	13 34	14 57	8 56	5 48
S 4	23 11	19 43	3 27	20 2	0 50	23 6	0 7	24 49	2 39	2 33	1 17	18 32	0 50	18 37	0 39	22 29	1 2	17 40	16 33	14 3	13 35	14 56	8 55	5 47
M 5	23 15	19 11	2 35	20 25	0 42	23 15	0 9	24 48	2 41	2 36	1 17	18 33	0 50	18 37	0 39	22 29	1 2	17 40	16 33	14 5	13 36	14 55	8 55	5 47
T 6	23 18	17 47	1 37	20 48	0 35	23 23	0 11	24 46	2 42	2 38	1 17	18 33	0 50	18 36	0 39	22 29	1 2	17 39	16 32	14 7	13 37	14 54	8 54	5 47
W 7	23 22	15 37	0 35	21 11	0 27	23 30	0 14	24 44	2 44	2 41	1 17	18 34	0 50	18 35	0 39	22 29	1 2	17 39	16 32	14 7	13 38	14 53	8 54	5 46
T 8	23 25	12 49	0s28	21 32	0 20	23 37	0 16	24 42	2 45	2 44	1 18	18 35	0 51	18 34	0 39	22 29	1 2	17 39	16 31	14 8	13 39	14 51	8 53	5 46
F 9	23 27	9 30	1 30	21 53	0 12	23 43	0 18	24 41	2 46	2 46	1 18	18 36	0 51	18 34	0 39	22 29	1 2	17 38	16 31	14 7	13 40	14 50	8 53	5 46
S 10	23 29	5 47	2 29	22 13	0 5	23 48	0 21	24 39	2 47	2 49	1 18	18 37	0 51	18 33	0 39	22 29	1 2	17 38	16 31	14 7	13 41	14 49	8 52	5 45
S 11	23 30	1 48	3 22	22 31	0s 2	23 52	0 23	24 37	2 48	2 51	1 18	18 38	0 51	18 32	0 39	22 29	1 2	17 37	16 30	14 7	13 42	14 48	8 52	5 45
M12	23 31	2n22	4 7	22 49	0 10	23 56	0 25	24 35	2 49	2 54	1 19	18 39	0 51	18 31	0 39	22 29	1 2	17 37	16 30	14 8	13 43	14 46	8 51	5 45
T 13	23 31	6 32	4 41	23 6	0 17	23 59	0 28	24 33	2 50	2 56	1 19	18 40	0 51	18 31	0 39	22 29	1 2	17 36	16 30	14 9	13 44	14 45	8 51	5 44
W14	23 31	10 32	5 2	23 21	0 23	24 1	0 30	24 31	2 51	2 58	1 19	18 41	0 52	18 30	0 39	22 29	1 2	17 36	16 29	14 11	13 45	14 44	8 50	5 44
T 15	23 31	14 7	5 7	23 36	0 30	24 3	0 32	24 29	2 51	3 1	1 19	18 42	0 52	18 29	0 39	22 29	1 2	17 36	16 29	14 13	13 46	14 43	8 49	5 44
F 16	23 30	17 3	4 54	23 49	0 37	24 3	0 34	24 28	2 52	3 3	1 20	18 43	0 52	18 28	0 39	22 29	1 2	17 35	16 29	14 16	13 47	14 42	8 49	5 43
S 17	23 28	19 0	4 22	24 2	0 43	24 3	0 37	24 26	2 53	3 5	1 20	18 44	0 52	18 27	0 39	22 29	1 2	17 35	16 28	14 19	13 48	14 40	8 48	5 43
S 18	23 26	19 44	3 32	24 13	0 49	24 3	0 39	24 24	2 53	3 7	1 20	18 45	0 52	18 27	0 39	22 29	1 2	17 34	16 28	14 21	13 49	14 39	8 47	5 43
M19	23 24	19 7	2 28	24 22	0 55	24 1	0 41	24 22	2 53	3 9	1 20	18 46	0 52	18 26	0 39	22 29	1 2	17 34	16 28	14 23	13 50	14 38	8 47	5 43
T 20	23 21	17 11	1 13	24 31	1 1	23 59	0 43	24 21	2 54	3 11	1 20	18 47	0 53	18 25	0 39	22 29	1 2	17 33	16 27	14 23	13 52	14 36	8 46	5 42
W21	23 18	14 6	0n 7	24 38	1 7	23 56	0 45	24 19	2 54	3 13	1 21	18 48	0 53	18 24	0 39	22 29	1 2	17 33	16 27	14 24	13 53	14 35	8 45	5 42
T 22	23 14	10 11	1 25	24 44	1 13	23 52	0 47	24 18	2 54	3 14	1 21	18 50	0 53	18 23	0 39	22 29	1 2	17 32	16 27	14 23	13 54	14 34	8 44	5 42
F 23	23 10	5 44	2 36	24 48	1 18	23 47	0 49	24 16	2 55	3 16	1 21	18 51	0 53	18 22	0 39	22 29	1 2	17 32	16 26	14 23	13 55	14 33	8 44	5 41
S 24	23 5	1 5	3 37	24 52	1 23	23 42	0 51	24 15	2 55	3 18	1 21	18 52	0 53	18 22	0 39	22 29	1 2	17 31	16 26	14 23	13 56	14 31	8 43	5 41
S 25	23 0	3s31	4 23	24 53	1 28	23 36	0 53	24 14	2 55	3 19	1 22	18 53	0 53	18 21	0 39	22 29	1 2	17 31	16 26	14 23	13 57	14 30	8 42	5 41
M26	22 54	7 50	4 55	24 54	1 32	23 29	0 55	24 12	2 55	3 21	1 22	18 54	0 53	18 20	0 39	22 29	1 2	17 30	16 25	14 23	13 58	14 29	8 41	5 41
T 27	22 48	11 42	5 10	24 53	1 37	23 22	0 57	24 11	2 55	3 22	1 22	18 56	0 54	18 19	0 39	22 29	1 2	17 29	16 25	14 25	13 59	14 28	8 40	5 40
W28	22 41	14 56	5 9	24 50	1 41	23 14	0 58	24 10	2 55	3 24	1 22	18 57	0 54	18 18	0 39	22 29	1 2	17 29	16 25	14 26	14 0	14 26	8 39	5 40
T 29	22 34	17 24	4 52	24 46	1 44	23 5	1 0	24 10	2 55	3 25	1 23	18 58	0 54	18 17	0 39	22 29	1 2	17 28	16 24	14 28	14 1	14 25	8 39	5 40
F 30	22 27	19 1	4 22	24 40	1 48	22 55	1 2	24 9	2 55	3 26	1 23	19 0	0 54	18 16	0 39	22 29	1 2	17 28	16 24	14 30	14 2	14 24	8 38	5 40
S 31	22s19	19s43	3n40	24s33	1s51	22s45	1s 4	24n 8	2n54	3s27	1n23	19n 1	0n54	18s15	0s39	22s29	1n 2	17s27	16s24	14n32	14n 3	14s22	8s37	5n40

Julian Day Number = 2206444.5, Delta T = 09m40s
Ecliptic obliquity = 23°31'27, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°22'49, Lahiri = 14°29'50 Julian Calendar 1 Dec. 1328 == Greg. Calendar 9 Dec. 1328

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ASTRODIENST EPHEMERIS for the year 1329
geocentric

JANUARY 1329 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	7 13 30	18♉57'15	18♉21	16♉17	23♉21	5°R21	11♎59	8°R39	10♒41	29♐23	23♓51	20°R57	22♌29	21♒17	22♒51	S 1
M 2	7 17 26	19°58'22	0♒21	17°57	24°36	5♊20	12° 2	8♌35	10°44	29°26	23°51	20♌53	22°26	21°24	22°55	M 2
T 3	7 21 23	20°59'28	12°14	19°37	25°51	5°D20	12° 5	8°30	10°47	29°28	23°52	20°51	22°23	21°31	22°59	T 3
W 4	7 25 19	22° 0'32	24° 2	21°17	27° 7	5°20	12° 8	8°26	10°51	29°30	23°53	20°D51	22°20	21°37	23° 2	W 4
T 5	7 29 16	23° 1'36	5♓48	22°58	28°22	5°21	12°11	8°21	10°54	29°32	23°54	20°52	22°17	21°44	23° 6	T 5
F 6	7 33 12	24° 2'39	17°36	24°40	29°37	5°23	12°13	8°16	10°57	29°34	23°54	20°53	22°13	21°51	23°10	F 6
S 7	7 37 9	25° 3'41	29°29	26°22	0♒53	5°26	12°16	8°12	11° 1	29°36	23°55	20°55	22°10	21°57	23°13	S 7
S 8	7 41 5	26° 4'42	11♈32	28° 5	2° 8	5°30	12°18	8° 7	11° 4	29°38	23°56	20°57	22° 7	22° 4	23°17	S 8
M 9	7 45 2	27° 5'42	23°50	29°48	3°23	5°34	12°20	8° 2	11° 7	29°40	23°57	20°R58	22° 4	22°11	23°21	M 9
T 10	7 48 59	28° 6'40	6♉28	1♒32	4°39	5°39	12°22	7°57	11°11	29°43	23°58	20°57	22° 1	22°17	23°25	T 10
W11	7 52 55	29° 7'37	19°29	3°17	5°54	5°44	12°23	7°53	11°14	29°45	23°59	20°56	21°57	22°24	23°28	W11
T 12	7 56 52	0♒ 8'33	2♊58	5° 2	7° 9	5°50	12°24	7°48	11°18	29°47	24° 0	20°54	21°54	22°31	23°32	T 12
F 13	8 0 48	1° 9'28	16°55	6°48	8°24	5°57	12°26	7°43	11°21	29°49	24° 1	20°51	21°51	22°37	23°36	F 13
S 14	8 4 45	2°10'21	1♋19	8°34	9°40	6° 5	12°27	7°38	11°25	29°51	24° 2	20°48	21°48	22°44	23°40	S 14
S 15	8 8 41	3°11'13	16° 6	10°20	10°55	6°13	12°28	7°33	11°28	29°53	24° 3	20°46	21°45	22°50	23°44	S 15
M16	8 12 38	4°12'04	1♌ 9	12° 7	12°10	6°22	12°28	7°28	11°32	29°55	24° 4	20°45	21°42	22°57	23°48	M16
T 17	8 16 34	5°12'54	16°19	13°54	13°25	6°31	12°29	7°24	11°35	29°57	24° 5	20°D44	21°38	23° 4	23°52	T 17
W18	8 20 31	6°13'42	1♍28	15°41	14°40	6°41	12°29	7°19	11°38	29°58	24° 6	20°44	21°35	23°10	23°56	W18
T 19	8 24 28	7°14'30	16°25	17°28	15°56	6°52	12°R29	7°14	11°42	0♑ 0	24° 7	20°45	21°32	23°17	24° 0	T 19
F 20	8 28 24	8°15'16	1♎ 4	19°15	17°11	7° 3	12°29	7° 9	11°45	0° 2	24° 8	20°46	21°29	23°24	24° 4	F 20
S 21	8 32 21	9°16'01	15°21	21° 1	18°26	7°15	12°29	7° 4	11°49	0° 4	24° 9	20°47	21°26	23°30	24° 7	S 21
S 22	8 36 17	10°16'45	29°12	22°46	19°41	7°27	12°28	6°59	11°52	0° 6	24°10	20°47	21°23	23°37	24°11	S 22
M23	8 40 14	11°17'29	12♏40	24°31	20°56	7°40	12°27	6°54	11°56	0° 8	24°12	20°R48	21°19	23°44	24°15	M23
T 24	8 44 10	12°18'11	25°45	26°14	22°11	7°53	12°26	6°49	11°59	0°10	24°13	20°47	21°16	23°50	24°20	T 24
W25	8 48 7	13°18'52	8♐30	27°56	23°26	8° 7	12°25	6°45	12° 3	0°11	24°14	20°47	21°13	23°57	24°24	W25
T 26	8 52 3	14°19'32	20°59	29°36	24°41	8°21	12°24	6°40	12° 6	0°13	24°15	20°46	21°10	24° 4	24°28	T 26
F 27	8 56 0	15°20'10	3♑14	1♓12	25°56	8°36	12°23	6°35	12°10	0°15	24°16	20°45	21° 7	24°10	24°32	F 27
S 28	8 59 57	16°20'48	15°19	2°46	27°11	8°52	12°21	6°30	12°13	0°17	24°17	20°44	21° 3	24°17	24°36	S 28
S 29	9 3 53	17°21'24	27°16	4°16	28°26	9° 7	12°19	6°25	12°17	0°18	24°19	20°44	21° 0	24°23	24°40	S 29
M30	9 7 50	18°21'58	9♒ 7	5°42	29°41	9°24	12°17	6°21	12°20	0°20	24°20	20°44	20°57	24°30	24°44	M30
T 31	9 11 46	19♒22'31	20♒55	7♓ 3	0♓56	9♊40	12♎15	6♌16	12♒24	0♑22	24♓21	20°D44	20♌54	24♒37	24♒48	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22s11	19s29	2n49	24s25	1s54	22s34	1s 5	24n 8	2n54	3s28	1n24	19n 2	0n54	18s14	0s39	22s29	1n 2	17s27	16s23	14n34	14n 4	14s21	8s36	5n39
M 2	22 2	18 21	1 50	24 14	1 57	22 22	1 7	24 7	2 54	3 29	1 24	19 3	0 54	18 13	0 39	22 29	1 2	17 26	16 23	14 35	14 5	14 20	8 35	5 39
T 3	21 53	16 26	0 47	24 3	1 59	22 10	1 8	24 7	2 54	3 30	1 24	19 5	0 55	18 13	0 39	22 29	1 2	17 25	16 23	14 36	14 6	14 19	8 34	5 39
W 4	21 43	13 50	0s18	23 49	2 1	21 57	1 10	24 7	2 53	3 31	1 24	19 6	0 55	18 12	0 39	22 29	1 2	17 25	16 22	14 36	14 7	14 17	8 33	5 39
T 5	21 33	10 41	1 21	23 34	2 2	21 43	1 11	24 6	2 53	3 32	1 25	19 7	0 55	18 11	0 39	22 29	1 2	17 24	16 22	14 36	14 8	14 16	8 32	5 38
F 6	21 23	7 6	2 22	23 17	2 3	21 29	1 13	24 6	2 53	3 33	1 25	19 9	0 55	18 10	0 39	22 29	1 2	17 24	16 22	14 35	14 9	14 15	8 31	5 38
S 7	21 12	3 13	3 17	22 59	2 4	21 14	1 14	24 6	2 52	3 33	1 25	19 10	0 55	18 9	0 39	22 29	1 2	17 23	16 21	14 34	14 10	14 13	8 30	5 38
S 8	21 1	0n50	4 4	22 39	2 4	20 59	1 15	24 7	2 52	3 34	1 25	19 11	0 55	18 8	0 39	22 29	1 2	17 22	16 21	14 34	14 11	14 12	8 29	5 38
M 9	20 49	4 55	4 41	22 17	2 4	20 42	1 16	24 7	2 51	3 35	1 26	19 13	0 55	18 7	0 39	22 29	1 2	17 22	16 21	14 34	14 12	14 11	8 28	5 38
T 10	20 37	8 54	5 6	21 54	2 4	20 26	1 18	24 7	2 51	3 35	1 26	19 14	0 55	18 6	0 39	22 29	1 2	17 21	16 20	14 34	14 13	14 9	8 27	5 37
W11	20 24	12 36	5 16	21 29	2 3	20 8	1 19	24 8	2 50	3 35	1 26	19 16	0 56	18 5	0 39	22 29	1 2	17 20	16 20	14 34	14 14	14 8	8 26	5 37
T 12	20 12	15 46	5 9	21 2	2 1	19 50	1 20	24 9	2 50	3 36	1 26	19 17	0 56	18 4	0 39	22 29	1 2	17 20	16 20	14 35	14 15	14 7	8 25	5 37
F 13	19 58	18 10	4 44	20 33	1 59	19 32	1 21	24 9	2 49	3 36	1 27	19 18	0 56	18 3	0 39	22 29	1 2	17 19	16 20	14 36	14 16	14 5	8 24	5 37
S 14	19 45	19 30	4 1	20 3	1 56	19 12	1 22	24 10	2 49	3 36	1 27	19 20	0 56	18 2	0 39	22 29	1 2	17 19	16 19	14 37	14 17	14 4	8 23	5 37
S 15	19 31	19 34	3 0	19 32	1 53	18 53	1 23	24 11	2 48	3 36	1 27	19 21	0 56	18 1	0 39	22 29	1 2	17 18	16 19	14 37	14 18	14 3	8 21	5 37
M16	19 17	18 15	1 46	18 58	1 49	18 32	1 23	24 12	2 48	3 36	1 27	19 22	0 56	18 0	0 39	22 29	1 2	17 17	16 19	14 38	14 19	14 1	8 20	5 36
T 17	19 2	15 37	0 24	18 23	1 45	18 12	1 24	24 13	2 47	3 36	1 28	19 24	0 56	17 59	0 39	22 29	1 2	17 17	16 19	14 38	14 21	14 0	8 19	5 36
W18	18 47	11 55	0n59	17 47	1 40	17 50	1 25	24 14	2 46	3 36	1 28	19 25	0 56	17 58	0 39	22 29	1 2	17 16	16 18	14 38	14 22	13 59	8 18	5 36
T 19	18 32	7 30	2 18	17 9	1 34	17 29	1 25	24 15	2 46	3 36	1 28	19 26	0 57	17 57	0 39	22 29	1 2	17 15	16 18	14 38	14 23	13 57	8 17	5 36
F 20	18 16	2 43	3 26	16 30	1 28	17 6	1 26	24 17	2 45	3 35	1 29	19 28	0 57	17 56	0 39	22 29	1 2	17 15	16 18	14 37	14 24	13 56	8 16	5 36
S 21	18 0	2s 5	4 19	15 49	1 21	16 44	1 27	24 18	2 45	3 35	1 29	19 29	0 57	17 55	0 39	22 29	1 2	17 14	16 18	14 37	14 25	13 55	8 15	5 36
S 22	17 44	6 37	4 56	15 8	1 13	16 21	1 27	24 19	2 44	3 35	1 29	19 30	0 57	17 54	0 39	22 29	1 2	17 13	16 17	14 37	14 26	13 53	8 13	5 36
M23	17 27	10 42	5 15	14 25	1 5	15 57	1 27	24 21	2 43	3 34	1 29	19 32	0 57	17 54	0 39	22 29	1 2	17 13	16 17	14 37	14 27	13 52	8 12	5 36
T 24	17 10	14 8	5 17	13 41	0 56	15 33	1 28	24 22	2 43	3 34	1 30	19 33	0 57	17 53	0 39	22 29	1 2	17 12	16 17	14 37	14 28	13 50	8 11	5 35
W25	16 53	16 49	5 3	12 57	0 46	15 8	1 28	24 24	2 42	3 33	1 30	19 34	0 57	17 52	0 39	22 29	1 2	17 11	16 17	14 37	14 29	13 49	8 10	5 35
T 26	16 35	18 39	4 35	12 12	0 35	14 43	1 28	24 26	2 41	3 32	1 30	19 36	0 57	17 51	0 39	22 29	1 2	17 11	16 16	14 37	14 30	13 48	8 9	5 35
F 27	16 18	19 34	3 55	11 27	0 24	14 18	1 28	24 27	2 41	3 31	1 30	19 37	0 57	17 50	0 39	22 29	1 2	17 10	16 16	14 38	14 31	13 46	8 7	5 35
S 28	16 0	19 35	3 5	10 42	0 11	13 52	1 28	24 29	2 40	3 30	1 31	19 38	0 57	17 49	0 39	22 29	1 2	17 9	16 16	14 38	14 32	13 45	8 6	5 35
S 29	15 41	18 42	2 7	9 57	0n 1	13 26	1 28	24 31	2 39	3 30	1 31	19 40	0 57	17 48	0 39	22 29	1 2	17 9	16 16	14 38	14 33	13 44	8 5	5 35
M30	15 23	17 1	1 4	9 13	0 15	13 0	1 28	24 33	2 38	3 28	1 31	19 41	0 57	17 47	0 39	22 29	1 2	17 8	16 16	14 38	14 34	13 42	8 4	5 35
T 31	15s 4	14s35	0s 1	8s30	0n29	12s33	1s28	24n35	2n38	3s27	1n31	19n42	0n58	17s46	0s39	22s29	1n 2	17s 7	16s15	14n38	14n35	13s41	8s 2	5n35

Julian Day Number = 2206475.5, Delta T = 09m40s
Ecliptic obliquity = 23°31'27, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°22'53, Lahiri = 14°29'54 Julian Calendar 1 Jan. 1329 == Greg. Calendar 9 Jan. 1329

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ASTRODIENST EPHEMERIS for the year 1329
geocentric

FEBRUARY 1329 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	9 15 43	20♒23'02	2♓42	8♓18	2♓11	9♊57	12°R13	6°R11	12♒27	0♑23	24♓22	20°R44	20♌51	24♒43	24♒52	W 1
T 2	9 19 39	21°23'32	14°30	9°27	3°26	10°15	12♎10	6♌ 7	12°31	0°25	24°24	20♌44	20°48	24°50	24°56	T 2
F 3	9 23 36	22°24'00	26°22	10°29	4°41	10°33	12° 7	6° 2	12°34	0°27	24°25	20°44	20°44	24°57	25° 0	F 3
S 4	9 27 32	23°24'26	8♈20	11°23	5°56	10°52	12° 4	5°57	12°37	0°28	24°26	20°43	20°41	25° 3	25° 4	S 4
S 5	9 31 29	24°24'50	20°27	12° 9	7°11	11°10	12° 1	5°53	12°41	0°30	24°28	20°43	20°38	25°10	25° 8	S 5
M 6	9 35 25	25°25'12	2♉47	12°46	8°26	11°30	11°58	5°48	12°44	0°31	24°29	20°42	20°35	25°17	25°12	M 6
T 7	9 39 22	26°25'32	15°23	13°14	9°41	11°49	11°54	5°44	12°48	0°33	24°30	20°42	20°32	25°23	25°16	T 7
W 8	9 43 19	27°25'51	28°19	13°33	10°55	12° 9	11°51	5°40	12°51	0°34	24°32	20°D42	20°28	25°30	25°21	W 8
T 9	9 47 15	28°26'07	11♊38	13°R42	12°10	12°29	11°47	5°35	12°55	0°35	24°33	20°42	20°25	25°37	25°25	T 9
F 10	9 51 12	29°26'21	25°22	13°41	13°25	12°50	11°43	5°31	12°58	0°37	24°34	20°43	20°22	25°43	25°29	F 10
S 11	9 55 8	0♓26'33	9♋33	13°30	14°40	13°11	11°39	5°27	13° 1	0°38	24°36	20°44	20°19	25°50	25°33	S 11
S 12	9 59 5	1°26'43	24° 8	13°11	15°54	13°33	11°34	5°23	13° 5	0°40	24°37	20°44	20°16	25°57	25°37	S 12
M13	10 3 1	2°26'51	9♌ 4	12°42	17° 9	13°54	11°30	5°19	13° 8	0°41	24°38	20°45	20°13	26° 3	25°41	M13
T 14	10 6 58	3°26'57	24°14	12° 6	18°24	14°16	11°25	5°14	13°11	0°42	24°40	20°R45	20° 9	26°10	25°45	T 14
W15	10 10 54	4°27'01	9♍28	11°23	19°38	14°39	11°21	5°11	13°15	0°43	24°41	20°45	20° 6	26°16	25°49	W15
T 16	10 14 51	5°27'03	24°37	10°33	20°53	15° 1	11°16	5° 7	13°18	0°45	24°43	20°43	20° 3	26°23	25°53	T 16
F 17	10 18 48	6°27'04	9♎31	9°39	22° 7	15°24	11°11	5° 3	13°21	0°46	24°44	20°42	20° 0	26°30	25°57	F 17
S 18	10 22 44	7°27'02	24° 4	8°42	23°22	15°47	11° 5	4°59	13°24	0°47	24°46	20°39	19°57	26°36	26° 1	S 18
S 19	10 26 41	8°26'59	8♏10	7°42	24°36	16°11	11° 0	4°55	13°28	0°48	24°47	20°37	19°54	26°43	26° 5	S 19
M20	10 30 37	9°26'54	21°48	6°42	25°51	16°34	10°54	4°52	13°31	0°49	24°48	20°36	19°50	26°50	26° 9	M20
T 21	10 34 34	10°26'48	4♐59	5°43	27° 5	16°58	10°49	4°48	13°34	0°50	24°50	20°D35	19°47	26°56	26°13	T 21
W22	10 38 30	11°26'40	17°45	4°46	28°20	17°23	10°43	4°45	13°37	0°51	24°51	20°35	19°44	27° 3	26°17	W22
T 23	10 42 27	12°26'30	0♑10	3°52	29°34	17°47	10°37	4°42	13°40	0°52	24°53	20°36	19°41	27°10	26°21	T 23
F 24	10 46 23	13°26'19	12°20	3° 2	0♈49	18°12	10°31	4°38	13°44	0°53	24°54	20°37	19°38	27°16	26°25	F 24
S 25	10 50 20	14°26'06	24°18	2°17	2° 3	18°37	10°25	4°35	13°47	0°54	24°56	20°39	19°34	27°23	26°29	S 25
S 26	10 54 17	15°25'51	6♒ 8	1°37	3°17	19° 2	10°18	4°32	13°50	0°55	24°57	20°41	19°31	27°30	26°33	S 26
M27	10 58 13	16°25'34	17°54	1° 3	4°32	19°28	10°12	4°29	13°53	0°56	24°59	20°R41	19°28	27°36	26°37	M27
T 28	11 2 10	17♓25'15	29♒41	0♓35	5♈46	19♊54	10♎ 5	4♌26	13♒56	0♑57	25♓ 0	20♌41	19♌25	27♒43	26♒41	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	14s45	11s35	1s 6	7s49	0n43	12s 6	1s28	24n37	2n37	3s26	1n32	19n43	0n58	17s45	0s39	22s29	1n 2	17s 7	16s15	14n38	14n36	13s39	8s 1	5n35
T 2	14 25	8 6	2 9	7 9	0 58	11 38	1 28	24 39	2 36	3 25	1 32	19 45	0 58	17 44	0 39	22 29	1 2	17 6	16 15	14 38	14 37	13 38	8 0	5 35
F 3	14 6	4 17	3 6	6 32	1 13	11 11	1 27	24 40	2 36	3 24	1 32	19 46	0 58	17 43	0 39	22 29	1 2	17 5	16 15	14 38	14 38	13 37	7 58	5 35
S 4	13 46	0 17	3 55	5 57	1 29	10 43	1 27	24 42	2 35	3 22	1 32	19 47	0 58	17 42	0 39	22 29	1 3	17 4	16 15	14 38	14 39	13 35	7 57	5 35
S 5	13 26	3n46	4 35	5 25	1 44	10 14	1 26	24 44	2 34	3 21	1 33	19 48	0 58	17 41	0 39	22 29	1 3	17 4	16 14	14 38	14 40	13 34	7 56	5 35
M 6	13 6	7 44	5 3	4 57	2 0	9 46	1 26	24 46	2 33	3 19	1 33	19 49	0 58	17 40	0 39	22 29	1 3	17 3	16 14	14 38	14 41	13 32	7 55	5 34
T 7	12 45	11 27	5 17	4 32	2 14	9 17	1 25	24 48	2 33	3 18	1 33	19 51	0 58	17 39	0 39	22 29	1 3	17 2	16 14	14 39	14 42	13 31	7 53	5 34
W 8	12 24	14 44	5 15	4 12	2 29	8 48	1 25	24 50	2 32	3 16	1 33	19 52	0 58	17 38	0 39	22 29	1 3	17 2	16 14	14 39	14 43	13 30	7 52	5 34
T 9	12 4	17 21	4 57	3 56	2 43	8 19	1 24	24 52	2 31	3 15	1 33	19 53	0 58	17 37	0 39	22 29	1 3	17 1	16 14	14 39	14 44	13 28	7 51	5 34
F 10	11 43	19 5	4 22	3 44	2 56	7 49	1 23	24 54	2 31	3 13	1 34	19 54	0 58	17 36	0 39	22 29	1 3	17 0	16 14	14 38	14 45	13 27	7 49	5 34
S 11	11 21	19 42	3 30	3 37	3 7	7 19	1 22	24 56	2 30	3 11	1 34	19 55	0 58	17 35	0 39	22 29	1 3	17 0	16 14	14 38	14 46	13 25	7 48	5 34
S 12	11 0	19 1	2 23	3 35	3 18	6 49	1 21	24 58	2 29	3 9	1 34	19 56	0 58	17 34	0 39	22 29	1 3	16 59	16 13	14 38	14 47	13 24	7 47	5 34
M13	10 38	17 1	1 4	3 38	3 27	6 19	1 20	25 0	2 28	3 7	1 34	19 57	0 58	17 33	0 39	22 29	1 3	16 58	16 13	14 38	14 48	13 22	7 45	5 34
T 14	10 17	13 48	0n19	3 45	3 34	5 49	1 19	25 2	2 28	3 5	1 35	19 58	0 58	17 32	0 39	22 29	1 3	16 58	16 13	14 38	14 49	13 21	7 44	5 34
W15	9 55	9 37	1 42	3 57	3 39	5 19	1 18	25 4	2 27	3 3	1 35	19 59	0 58	17 31	0 39	22 29	1 3	16 57	16 13	14 38	14 50	13 19	7 43	5 34
T 16	9 33	4 51	2 57	4 12	3 42	4 48	1 17	25 6	2 26	3 1	1 35	20 0	0 58	17 30	0 39	22 29	1 3	16 56	16 13	14 38	14 51	13 18	7 41	5 34
F 17	9 11	0s 8	3 59	4 31	3 44	4 18	1 16	25 8	2 26	2 59	1 35	20 1	0 59	17 30	0 39	22 29	1 3	16 56	16 13	14 39	14 52	13 17	7 40	5 34
S 18	8 48	4 59	4 43	4 54	3 43	3 47	1 14	25 10	2 25	2 57	1 35	20 2	0 59	17 29	0 39	22 29	1 3	16 55	16 13	14 39	14 53	13 15	7 39	5 34
S 19	8 26	9 24	5 9	5 19	3 40	3 16	1 13	25 12	2 24	2 54	1 35	20 3	0 59	17 28	0 39	22 29	1 3	16 54	16 13	14 40	14 54	13 14	7 37	5 34
M20	8 3	13 11	5 16	5 45	3 35	2 45	1 12	25 13	2 23	2 52	1 36	20 4	0 59	17 27	0 39	22 28	1 3	16 54	16 12	14 41	14 55	13 12	7 36	5 34
T 21	7 41	16 11	5 7	6 13	3 28	2 14	1 10	25 15	2 23	2 50	1 36	20 5	0 59	17 26	0 39	22 28	1 3	16 53	16 12	14 41	14 56	13 11	7 35	5 34
W22	7 18	18 17	4 42	6 42	3 19	1 43	1 9	25 17	2 22	2 47	1 36	20 6	0 59	17 25	0 39	22 28	1 3	16 52	16 12	14 41	14 57	13 9	7 33	5 35
T 23	6 55	19 27	4 4	7 11	3 9	1 12	1 7	25 18	2 21	2 45	1 36	20 7	0 59	17 24	0 39	22 28	1 3	16 52	16 12	14 41	14 58	13 8	7 32	5 35
F 24	6 32	19 42	3 16	7 40	2 58	0 41	1 5	25 20	2 21	2 42	1 36	20 7	0 59	17 23	0 39	22 28	1 3	16 51	16 12	14 40	14 59	13 6	7 30	5 35
S 25	6 9	19 2	2 21	8 8	2 45	0 9	1 4	25 21	2 20	2 40	1 36	20 8	0 59	17 22	0 39	22 28	1 3	16 50	16 12	14 40	15 0	13 5	7 29	5 35
S 26	5 46	17 31	1 19	8 34	2 32	0n22	1 2	25 23	2 19	2 37	1 37	20 9	0 59	17 21	0 39	22 28	1 3	16 50	16 12	14 39	15 1	13 3	7 28	5 35
M27	5 23	15 17	0 15	8 59	2 18	0 53	1 0	25 24	2 18	2 34	1 37	20 10	0 59	17 21	0 39	22 28	1 3	16 49	16 12	14 39	15 2	13 2	7 26	5 35
T 28	4s59	12s24	0s49	9s23	2n 4	1n24	0s58	25n26	2n18	2s32	1n37	20n10	0n59	17s20	0s39	22s28	1n 3	16s49	16s12	14n39	15n 3	13s 1	7s25	5n35

Julian Day Number = 2206506.5, Delta T = 09m40s
Ecliptic obliquity = 23°31'28, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°22'58, Lahiri = 14°29'58 Julian Calendar 1 Feb. 1329 == Greg. Calendar 9 Feb. 1329

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ASTRODIENST EPHEMERIS for the year 1329
geocentric

MARCH 1329 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	11 6 6	18♓24'54	11♓30	0°R14	7♈ 0	20♊20	9°R59	4°R23	13♒59	0♉58	25♓ 2	20°R39	19♌22	27♒49	26♒44	W 1
T 2	11 10 3	19°24'31	23°23	29♒58	8°14	20°46	9♎52	4♌20	14° 2	0°59	25° 3	20♌36	19°19	27°56	26°48	T 2
F 3	11 13 59	20°24'06	5♈23	29°49	9°28	21°12	9°45	4°18	14° 5	0°59	25° 5	20°32	19°15	28° 3	26°52	F 3
S 4	11 17 56	21°23'39	17°31	29°D46	10°42	21°39	9°38	4°15	14° 8	1° 0	25° 6	20°26	19°12	28° 9	26°56	S 4
S 5	11 21 52	22°23'10	29°49	29°49	11°57	22° 6	9°31	4°13	14°11	1° 1	25° 8	20°21	19° 9	28°16	27° 0	S 5
M 6	11 25 49	23°22'38	12♉19	29°57	13°11	22°33	9°24	4°10	14°14	1° 2	25° 9	20°15	19° 6	28°23	27° 3	M 6
T 7	11 29 46	24°22'04	25° 2	0♓11	14°25	23° 0	9°17	4° 8	14°17	1° 2	25°11	20°11	19° 3	28°29	27° 7	T 7
W 8	11 33 42	25°21'28	8♊ 0	0°30	15°39	23°27	9°10	4° 6	14°19	1° 3	25°12	20° 8	19° 0	28°36	27°11	W 8
T 9	11 37 39	26°20'50	21°16	0°53	16°53	23°55	9° 2	4° 4	14°22	1° 3	25°14	20°D 6	18°56	28°43	27°14	T 9
F 10	11 41 35	27°20'10	4♋51	1°22	18° 6	24°23	8°55	4° 2	14°25	1° 4	25°15	20° 6	18°53	28°49	27°18	F 10
S 11	11 45 32	28°19'27	18°48	1°55	19°20	24°51	8°48	4° 0	14°28	1° 4	25°16	20° 8	18°50	28°56	27°22	S 11
S 12	11 49 28	29°18'41	3♌ 5	2°32	20°34	25°19	8°40	3°58	14°30	1° 5	25°18	20° 9	18°47	29° 3	27°25	S 12
M13	11 53 25	0♈17'53	17°42	3°13	21°48	25°47	8°33	3°57	14°33	1° 5	25°19	20°R10	18°44	29° 9	27°29	M13
T 14	11 57 21	1°17'03	2♍35	3°57	23° 2	26°16	8°25	3°55	14°36	1° 6	25°21	20° 9	18°40	29°16	27°33	T 14
W15	12 1 18	2°16'11	17°36	4°45	24°15	26°44	8°17	3°54	14°38	1° 6	25°22	20° 7	18°37	29°23	27°36	W15
T 16	12 5 14	3°15'16	2♎39	5°37	25°29	27°13	8°10	3°52	14°41	1° 6	25°24	20° 2	18°34	29°29	27°40	T 16
F 17	12 9 11	4°14'20	17°32	6°31	26°43	27°42	8° 2	3°51	14°44	1° 7	25°25	19°56	18°31	29°36	27°43	F 17
S 18	12 13 8	5°13'21	2♏ 9	7°29	27°56	28°11	7°54	3°50	14°46	1° 7	25°27	19°49	18°28	29°42	27°46	S 18
S 19	12 17 4	6°12'21	16°23	8°29	29°10	28°40	7°47	3°49	14°48	1° 7	25°28	19°42	18°25	29°49	27°50	S 19
M20	12 21 1	7°11'18	0♐ 8	9°32	0♉23	29°10	7°39	3°48	14°51	1° 7	25°30	19°36	18°21	29°56	27°53	M20
T 21	12 24 57	8°10'14	13°26	10°38	1°37	29°39	7°31	3°47	14°53	1° 8	25°31	19°31	18°18	0♓ 2	27°56	T 21
W22	12 28 54	9° 9'08	26°17	11°46	2°50	0♋ 9	7°24	3°47	14°56	1° 8	25°33	19°28	18°15	0° 9	28° 0	W22
T 23	12 32 50	10° 8'01	8♑45	12°56	4° 4	0°39	7°16	3°46	14°58	1° 8	25°34	19°D27	18°12	0°16	28° 3	T 23
F 24	12 36 47	11° 6'51	20°55	14° 9	5°17	1° 9	7° 8	3°46	15° 0	1° 8	25°36	19°28	18° 9	0°22	28° 6	F 24
S 25	12 40 43	12° 5'40	2♒52	15°24	6°30	1°39	7° 1	3°45	15° 3	1° 8	25°37	19°29	18° 5	0°29	28° 9	S 25
S 26	12 44 40	13° 4'27	14°41	16°41	7°44	2° 9	6°53	3°45	15° 5	1°R 8	25°39	19°R30	18° 2	0°36	28°13	S 26
M27	12 48 37	14° 3'13	26°27	18° 0	8°57	2°39	6°45	3°45	15° 7	1° 8	25°40	19°29	17°59	0°42	28°16	M27
T 28	12 52 33	15° 1'56	8♓15	19°20	10°10	3°10	6°38	3°D45	15° 9	1° 8	25°41	19°27	17°56	0°49	28°19	T 28
W29	12 56 30	16° 0'38	20° 7	20°43	11°23	3°40	6°30	3°45	15°11	1° 8	25°43	19°23	17°53	0°56	28°22	W29
T 30	13 0 26	16°59'17	2♈ 8	22° 8	12°36	4°11	6°23	3°45	15°13	1° 8	25°44	19°16	17°50	1° 2	28°25	T 30
F 31	13 4 23	17♈57'55	14♈19	23♓35	13♉49	4♋42	6♎15	3♌45	15♒15	1♑ 8	25♓46	19♌ 7	17♌46	1♓ 9	28♒28	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	4s36	9s 0	1s52	9s44	1n49	1n56	0s56	25n27	2n17	2s29	1n37	20n11	0n59	17s19	0s39	22s28	1n 3	16s48	16s12	14n40	15n 4	12s59	7s24	5n35
T 2	4 12	5 14	2 50	10 3	1 34	2 27	0 54	25 28	2 16	2 26	1 37	20 12	0 59	17 18	0 39	22 28	1 3	16 47	16 12	14 41	15 5	12 58	7 22	5 35
F 3	3 49	1 14	3 41	10 21	1 19	2 58	0 52	25 29	2 16	2 23	1 37	20 12	0 59	17 17	0 39	22 28	1 3	16 47	16 12	14 42	15 6	12 56	7 21	5 35
S 4	3 25	2n51	4 23	10 35	1 4	3 29	0 50	25 30	2 15	2 20	1 37	20 13	0 59	17 16	0 39	22 28	1 3	16 46	16 12	14 44	15 7	12 55	7 20	5 35
S 5	3 2	6 53	4 53	10 48	0 50	4 0	0 48	25 31	2 14	2 18	1 37	20 14	0 59	17 15	0 39	22 28	1 3	16 46	16 12	14 45	15 8	12 53	7 18	5 35
M 6	2 38	10 41	5 9	10 58	0 36	4 31	0 46	25 32	2 14	2 15	1 38	20 14	0 59	17 15	0 39	22 28	1 3	16 45	16 12	14 47	15 9	12 52	7 17	5 35
T 7	2 15	14 3	5 11	11 7	0 22	5 2	0 44	25 33	2 13	2 12	1 38	20 15	0 59	17 14	0 39	22 28	1 3	16 44	16 12	14 49	15 10	12 50	7 15	5 35
W 8	1 51	16 50	4 57	11 12	0 8	5 32	0 42	25 34	2 12	2 9	1 38	20 15	0 59	17 13	0 39	22 28	1 3	16 44	16 12	14 50	15 11	12 49	7 14	5 36
T 9	1 27	18 47	4 27	11 16	0s 5	6 3	0 39	25 35	2 12	2 6	1 38	20 16	0 59	17 12	0 39	22 28	1 3	16 43	16 12	14 50	15 12	12 47	7 13	5 36
F 10	1 4	19 44	3 42	11 18	0 17	6 33	0 37	25 35	2 11	2 3	1 38	20 16	0 59	17 11	0 39	22 28	1 3	16 43	16 12	14 50	15 13	12 46	7 11	5 36
S 11	0 40	19 31	2 43	11 17	0 29	7 4	0 35	25 36	2 10	2 0	1 38	20 17	0 59	17 11	0 39	22 28	1 3	16 42	16 12	14 50	15 14	12 44	7 10	5 36
S 12	0 16	18 3	1 32	11 15	0 41	7 34	0 32	25 36	2 10	1 57	1 38	20 17	0 59	17 10	0 39	22 28	1 3	16 41	16 12	14 49	15 15	12 43	7 9	5 36
M13	0n 7	15 22	0 13	11 10	0 52	8 4	0 30	25 36	2 9	1 54	1 38	20 17	0 59	17 9	0 39	22 28	1 3	16 41	16 12	14 49	15 16	12 41	7 7	5 36
T 14	0 31	11 38	1n 7	11 4	1 2	8 34	0 27	25 36	2 8	1 51	1 38	20 18	0 59	17 8	0 39	22 28	1 3	16 40	16 12	14 49	15 17	12 39	7 6	5 36
W15	0 54	7 7	2 24	10 55	1 12	9 3	0 25	25 37	2 8	1 48	1 38	20 18	0 59	17 8	0 39	22 28	1 3	16 40	16 12	14 50	15 18	12 38	7 5	5 36
T 16	1 18	2 9	3 30	10 45	1 21	9 33	0 22	25 37	2 7	1 45	1 38	20 19	0 59	17 7	0 39	22 28	1 3	16 39	16 12	14 51	15 19	12 36	7 3	5 37
F 17	1 41	2s53	4 21	10 33	1 30	10 2	0 20	25 37	2 6	1 42	1 38	20 19	0 59	17 6	0 39	22 28	1 3	16 39	16 12	14 53	15 20	12 35	7 2	5 37
S 18	2 5	7 39	4 54	10 19	1 38	10 31	0 17	25 36	2 6	1 39	1 38	20 19	0 59	17 6	0 40	22 28	1 4	16 38	16 12	14 55	15 21	12 33	7 1	5 37
S 19	2 28	11 52	5 8	10 3	1 46	10 59	0 14	25 36	2 5	1 36	1 38	20 19	0 59	17 5	0 40	22 28	1 4	16 38	16 12	14 58	15 22	12 32	7 0	5 37
M20	2 52	15 18	5 4	9 46	1 53	11 28	0 12	25 36	2 4	1 33	1 38	20 20	0 59	17 4	0 40	22 28	1 4	16 37	16 12	15 0	15 23	12 30	6 58	5 37
T 21	3 15	17 49	4 43	9 27	2 0	11 56	0 9	25 35	2 4	1 29	1 38	20 20	0 59	17 3	0 40	22 28	1 4	16 37	16 12	15 1	15 24	12 29	6 57	5 37
W22	3 38	19 21	4 8	9 7	2 6	12 24	0 6	25 34	2 3	1 26	1 38	20 20	0 59	17 3	0 40	22 28	1 4	16 36	16 13	15 2	15 25	12 27	6 56	5 38
T 23	4 2	19 53	3 22	8 45	2 11	12 51	0 4	25 34	2 2	1 23	1 38	20 20	0 59	17 2	0 40	22 28	1 4	16 36	16 13	15 2	15 26	12 26	6 54	5 38
F 24	4 25	19 27	2 28	8 21	2 16	13 19	0 1	25 33	2 2	1 20	1 38	20 20	0 59	17 1	0 40	22 28	1 4	16 35	16 13	15 2	15 27	12 24	6 53	5 38
S 25	4 48	18 9	1 29	7 56	2 21	13 46	0n 2	25 32	2 1	1 17	1 38	20 20	0 59	17 1	0 40	22 27	1 4	16 35	16 13	15 2	15 28	12 23	6 52	5 38
S 26	5 11	16 4	0 26	7 30	2 25	14 12	0 4	25 31	2 0	1 14	1 38	20 20	0 59	17 0	0 40	22 27	1 4	16 34	16 13	15 2	15 29	12 21	6 51	5 38
M27	5 34	13 20	0s37	7 2	2 28	14 39	0 7	25 30	2 0	1 11	1 38	20 20	0 59	17 0	0 40	22 27	1 4	16 34	16 13	15 2	15 30	12 19	6 49	5 39
T 28	5 57	10 2	1 39	6 32	2 31	15 5	0 10	25 28	1 59	1 8	1 38	20 20	0 59	16 59	0 40	22 27	1 4	16 33	16 13	15 2	15 31	12 18	6 48	5 39
W29	6 19	6 20	2 37	6 2	2 33	15 30	0 13	25 27	1 59	1 6	1 38	20 20	0 59	16 58	0 40	22 27	1 4	16 33	16 13	15 4	15 32	12 16	6 47	5 39
T 30	6 42	2 20	3 28	5 30	2 35	15 55	0 16	25 25	1 58	1 3	1 38	20 20	0 59	16 58	0 40	22 27	1 4	16 32	16 13	15 6	15 33	12 15	6 46	5 39
F 31	7n 4	1n49	4s10	4s56	2s36	16n20	0n18	25n24	1n57	1s 0	1n38	20n20	0n59	16s57	0s40	22s27	1n 4	16s32	16s14	15n 9	15n34	12s13	6s45	5n39

Julian Day Number = 2206534.5, Delta T = 09m40s
Ecliptic obliquity = 23°31'29, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°23'01, Lahiri = 14°30'02 Julian Calendar 1 March 1329 == Greg. Calendar 9 March 1329

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ASTRODIENST EPHEMERIS for the year 1329
geocentric

APRIL 1329 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	13 8 19	18♈56'31	26♈42	25♓ 3	15♉ 2	5♋13	6°R 8	3♌46	15♒17	1°R 7	25♓47	18°R57	17♌43	1♓16	28♒31	S 1
S 2	13 12 16	19°55'05	9♉16	26°33	16°15	5°44	6♎ 0	3°46	15°19	1♑ 7	25°48	18♌46	17°40	1°22	28°34	S 2
M 3	13 16 12	20°53'37	22° 3	28° 5	17°28	6°15	5°53	3°47	15°21	1° 7	25°50	18°35	17°37	1°29	28°36	M 3
T 4	13 20 9	21°52'07	5♊ 2	29°39	18°41	6°46	5°46	3°47	15°23	1° 7	25°51	18°26	17°34	1°35	28°39	T 4
W 5	13 24 6	22°50'34	18°12	1♈15	19°54	7°17	5°39	3°48	15°25	1° 6	25°52	18°19	17°31	1°42	28°42	W 5
T 6	13 28 2	23°49'00	1♋36	2°52	21° 7	7°49	5°32	3°49	15°27	1° 6	25°54	18°14	17°27	1°49	28°45	T 6
F 7	13 31 59	24°47'24	15°13	4°31	22°19	8°21	5°25	3°50	15°28	1° 6	25°55	18°12	17°24	1°55	28°47	F 7
S 8	13 35 55	25°45'45	29° 3	6°11	23°32	8°52	5°18	3°51	15°30	1° 5	25°57	18°D12	17°21	2° 2	28°50	S 8
S 9	13 39 52	26°44'04	13♌ 8	7°54	24°45	9°24	5°11	3°52	15°32	1° 5	25°58	18°R12	17°18	2° 9	28°53	S 9
M10	13 43 48	27°42'21	27°27	9°38	25°57	9°56	5° 4	3°54	15°33	1° 4	25°59	18°12	17°15	2°15	28°55	M10
T 11	13 47 45	28°40'36	11♍57	11°24	27°10	10°28	4°58	3°55	15°35	1° 4	26° 0	18°10	17°11	2°22	28°58	T 11
W12	13 51 41	29°38'49	26°36	13°12	28°22	11° 0	4°51	3°57	15°36	1° 3	26° 2	18° 6	17° 8	2°29	29° 0	W12
T 13	13 55 38	0♎37'00	11♎17	15° 1	29°35	11°32	4°45	3°59	15°38	1° 3	26° 3	17°59	17° 5	2°35	29° 2	T 13
F 14	13 59 34	1°35'09	25°54	16°52	0♊47	12° 4	4°39	4° 0	15°39	1° 2	26° 4	17°49	17° 2	2°42	29° 5	F 14
S 15	14 3 31	2°33'16	10♏19	18°45	1°59	12°37	4°33	4° 2	15°41	1° 1	26° 5	17°38	16°59	2°49	29° 7	S 15
S 16	14 7 28	3°31'22	24°25	20°40	3°12	13° 9	4°27	4° 4	15°42	1° 1	26° 7	17°27	16°56	2°55	29° 9	S 16
M17	14 11 24	4°29'26	8♐ 9	22°37	4°24	13°41	4°21	4° 6	15°43	1° 0	26° 8	17°17	16°52	3° 2	29°12	M17
T 18	14 15 21	5°27'28	21°27	24°35	5°36	14°14	4°15	4° 8	15°44	0°59	26° 9	17° 8	16°49	3° 9	29°14	T 18
W19	14 19 17	6°25'29	4♑20	26°35	6°48	14°47	4° 9	4°11	15°46	0°59	26°10	17° 2	16°46	3°15	29°16	W19
T 20	14 23 14	7°23'29	16°50	28°37	8° 0	15°19	4° 4	4°13	15°47	0°58	26°12	16°59	16°43	3°22	29°18	T 20
F 21	14 27 10	8°21'27	29° 2	0♉40	9°12	15°52	3°59	4°15	15°48	0°57	26°13	16°57	16°40	3°29	29°20	F 21
S 22	14 31 7	9°19'24	11♒ 0	2°45	10°24	16°25	3°53	4°18	15°49	0°56	26°14	16°57	16°37	3°35	29°22	S 22
S 23	14 35 3	10°17'20	22°51	4°51	11°36	16°58	3°48	4°21	15°50	0°55	26°15	16°57	16°33	3°42	29°24	S 23
M24	14 39 0	11°15'14	4♓38	6°58	12°48	17°31	3°43	4°23	15°51	0°55	26°16	16°56	16°30	3°48	29°26	M24
T 25	14 42 57	12°13'07	16°28	9° 7	14° 0	18° 4	3°39	4°26	15°52	0°54	26°17	16°53	16°27	3°55	29°27	T 25
W26	14 46 53	13°10'58	28°26	11°17	15°11	18°37	3°34	4°29	15°53	0°53	26°18	16°48	16°24	4° 2	29°29	W26
T 27	14 50 50	14° 8'49	10♈34	13°27	16°23	19°11	3°30	4°32	15°53	0°52	26°19	16°40	16°21	4° 8	29°31	T 27
F 28	14 54 46	15° 6'37	22°56	15°38	17°34	19°44	3°25	4°36	15°54	0°51	26°20	16°29	16°17	4°15	29°32	F 28
S 29	14 58 43	16° 4'25	5♉33	17°49	18°46	20°17	3°21	4°39	15°55	0°50	26°22	16°17	16°14	4°22	29°34	S 29
S 30	15 2 39	17♉ 2'11	18♉26	20♉ 0	19♊57	20♋51	3♎17	4♌42	15♒56	0♑49	26♓23	16♌ 4	16♌11	4♓28	29♒35	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	7n27	5n57	4s42	4s22	2s36	16n45	0n21	25n22	1n57	0s57	1n38	20n20	0n59	16s57	0s40	22s27	1n 4	16s31	16s14	15n12	15n35	12s12	6s43	5n40
S 2	7 49	9 54	5 0	3 46	2 36	17 9	0 24	25 20	1 56	0 54	1 38	20 20	0 59	16 56	0 40	22 27	1 4	16 31	16 14	15 15	15 36	12 10	6 42	5 40
M 3	8 11	13 27	5 3	3 9	2 36	17 32	0 27	25 18	1 55	0 51	1 38	20 20	0 59	16 56	0 40	22 27	1 4	16 31	16 14	15 19	15 37	12 8	6 41	5 40
T 4	8 33	16 26	4 51	2 30	2 35	17 55	0 30	25 16	1 55	0 48	1 37	20 20	0 59	16 55	0 40	22 27	1 4	16 30	16 14	15 22	15 38	12 7	6 40	5 40
W 5	8 55	18 37	4 24	1 51	2 33	18 18	0 32	25 13	1 54	0 46	1 37	20 19	0 59	16 55	0 40	22 27	1 4	16 30	16 14	15 24	15 38	12 5	6 39	5 40
T 6	9 17	19 49	3 42	1 10	2 31	18 40	0 35	25 11	1 54	0 43	1 37	20 19	0 59	16 54	0 40	22 27	1 4	16 29	16 14	15 25	15 39	12 4	6 37	5 41
F 7	9 38	19 54	2 46	0 28	2 29	19 2	0 38	25 8	1 53	0 40	1 37	20 19	0 59	16 54	0 40	22 27	1 4	16 29	16 15	15 26	15 40	12 2	6 36	5 41
S 8	9 59	18 47	1 40	0n14	2 26	19 23	0 41	25 6	1 52	0 38	1 37	20 19	0 59	16 53	0 40	22 27	1 4	16 29	16 15	15 26	15 41	12 0	6 35	5 41
S 9	10 21	16 30	0 27	0 58	2 22	19 44	0 44	25 3	1 52	0 35	1 37	20 18	0 59	16 53	0 40	22 27	1 4	16 28	16 15	15 26	15 42	11 59	6 34	5 41
M10	10 42	13 10	0n49	1 43	2 18	20 4	0 46	25 0	1 51	0 33	1 37	20 18	0 59	16 52	0 40	22 27	1 4	16 28	16 15	15 26	15 43	11 57	6 33	5 42
T 11	11 3	9 0	2 3	2 29	2 13	20 24	0 49	24 57	1 50	0 30	1 37	20 18	0 59	16 52	0 40	22 27	1 4	16 28	16 15	15 26	15 44	11 56	6 32	5 42
W12	11 23	4 15	3 9	3 16	2 8	20 43	0 52	24 54	1 50	0 28	1 36	20 17	0 59	16 51	0 40	22 27	1 4	16 27	16 16	15 28	15 45	11 54	6 31	5 42
T 13	11 44	0s45	4 3	4 4	2 2	21 1	0 55	24 50	1 49	0 25	1 36	20 17	0 59	16 51	0 40	22 27	1 4	16 27	16 16	15 30	15 46	11 52	6 30	5 42
F 14	12 4	5 41	4 40	4 52	1 56	21 19	0 57	24 47	1 49	0 23	1 36	20 16	0 59	16 51	0 40	22 27	1 4	16 27	16 16	15 33	15 47	11 51	6 29	5 43
S 15	12 24	10 14	4 59	5 41	1 49	21 37	1 0	24 43	1 48	0 21	1 36	20 16	0 59	16 50	0 40	22 27	1 4	16 26	16 16	15 36	15 48	11 49	6 28	5 43
S 16	12 44	14 6	5 0	6 31	1 42	21 54	1 3	24 39	1 47	0 18	1 36	20 15	0 59	16 50	0 40	22 27	1 4	16 26	16 16	15 40	15 49	11 48	6 27	5 43
M17	13 4	17 6	4 42	7 22	1 34	22 10	1 5	24 35	1 47	0 16	1 36	20 15	0 59	16 50	0 41	22 27	1 4	16 26	16 17	15 43	15 50	11 46	6 26	5 43
T 18	13 23	19 5	4 10	8 13	1 26	22 26	1 8	24 31	1 46	0 14	1 36	20 14	0 59	16 49	0 41	22 27	1 4	16 26	16 17	15 45	15 51	11 44	6 25	5 44
W19	13 43	20 2	3 26	9 5	1 18	22 41	1 10	24 27	1 46	0 12	1 35	20 14	0 59	16 49	0 41	22 27	1 4	16 25	16 17	15 47	15 52	11 43	6 24	5 44
T 20	14 2	19 56	2 33	9 57	1 9	22 55	1 13	24 23	1 45	0 10	1 35	20 13	0 59	16 49	0 41	22 27	1 4	16 25	16 17	15 48	15 53	11 41	6 23	5 44
F 21	14 20	18 54	1 34	10 49	1 0	23 9	1 15	24 18	1 44	0 8	1 35	20 13	0 58	16 48	0 41	22 27	1 4	16 25	16 18	15 49	15 54	11 39	6 22	5 44
S 22	14 39	17 2	0 32	11 41	0 50	23 22	1 18	24 14	1 44	0 6	1 35	20 12	0 58	16 48	0 41	22 27	1 4	16 25	16 18	15 49	15 55	11 38	6 21	5 45
S 23	14 57	14 27	0s31	12 33	0 40	23 35	1 20	24 9	1 43	0 4	1 35	20 11	0 58	16 48	0 41	22 27	1 4	16 24	16 18	15 49	15 56	11 36	6 20	5 45
M24	15 16	11 17	1 32	13 25	0 30	23 47	1 23	24 4	1 43	0 3	1 34	20 11	0 58	16 47	0 41	22 27	1 4	16 24	16 18	15 49	15 57	11 35	6 19	5 45
T 25	15 33	7 39	2 30	14 16	0 20	23 58	1 25	23 59	1 42	0 1	1 34	20 10	0 58	16 47	0 41	22 27	1 4	16 24	16 19	15 50	15 58	11 33	6 18	5 46
W26	15 51	3 42	3 21	15 7	0 9	24 9	1 27	23 54	1 42	0n 1	1 34	20 9	0 58	16 47	0 41	22 27	1 4	16 24	16 19	15 51	15 59	11 31	6 17	5 46
T 27	16 8	0n28	4 4	15 57	0n 1	24 18	1 29	23 49	1 41	0 2	1 34	20 8	0 58	16 47	0 41	22 27	1 4	16 24	16 19	15 54	16 0	11 30	6 17	5 46
F 28	16 26	4 41	4 36	16 46	0 12	24 28	1 32	23 43	1 40	0 4	1 33	20 8	0 58	16 47	0 41	22 27	1 4	16 23	16 19	15 57	16 1	11 28	6 16	5 46
S 29	16 42	8 47	4 55	17 34	0 22	24 36	1 34	23 38	1 40	0 5	1 33	20 7	0 58	16 46	0 41	22 27	1 4	16 23	16 20	16 1	16 2	11 26	6 15	5 47
S 30	16n59	12n34	5s 0	18n20	0n33	24n44	1n36	23n32	1n39	0n 7	1n33	20n 6	0n58	16s46	0s41	22s27	1n 5	16s23	16s20	16n 5	16n 3	11s25	6s14	5n47

Julian Day Number = 2206565.5, Delta T = 09m40s
Ecliptic obliquity = 23°31'29, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°23'06, Lahiri = 14°30'06 Julian Calendar 1 Apr. 1329 == Greg. Calendar 9 Apr. 1329

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ASTRODIENST EPHEMERIS for the year 1329
geocentric

MAY 1329 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	15 6 36	17♉59'56	1♊33	22♉11	21♊ 9	21♋25	3°R13	4♌46	15♒56	0°R48	26♓24	15°R52	16♌ 8	4♓35	29♒37	M 1
T 2	15 10 32	18°57'40	14°54	24°22	22°20	21°58	3♎10	4°49	15°57	0♑47	26°25	15♌41	16° 5	4°42	29°38	T 2
W 3	15 14 29	19°55'22	28°26	26°31	23°32	22°32	3° 6	4°53	15°57	0°45	26°26	15°32	16° 2	4°48	29°40	W 3
T 4	15 18 26	20°53'03	12♋ 7	28°40	24°43	23° 6	3° 3	4°56	15°58	0°44	26°27	15°26	15°58	4°55	29°41	T 4
F 5	15 22 22	21°50'42	25°56	0♊47	25°54	23°39	3° 0	5° 0	15°58	0°43	26°27	15°24	15°55	5° 2	29°42	F 5
S 6	15 26 19	22°48'19	9♌53	2°53	27° 5	24°13	2°57	5° 4	15°59	0°42	26°28	15°23	15°52	5° 8	29°43	S 6
S 7	15 30 15	23°45'55	23°56	4°56	28°16	24°47	2°54	5° 8	15°59	0°41	26°29	15°23	15°49	5°15	29°45	S 7
M 8	15 34 12	24°43'29	8♍ 5	6°58	29°27	25°21	2°51	5°12	15°59	0°40	26°30	15°22	15°46	5°22	29°46	M 8
T 9	15 38 8	25°41'02	22°19	8°58	0♋38	25°55	2°49	5°16	15°59	0°38	26°31	15°20	15°42	5°28	29°47	T 9
W10	15 42 5	26°38'33	6♎35	10°55	1°49	26°30	2°47	5°20	15°59	0°37	26°32	15°16	15°39	5°35	29°48	W10
T 11	15 46 1	27°36'03	20°51	12°50	2°59	27° 4	2°45	5°25	16° 0	0°36	26°33	15° 9	15°36	5°42	29°49	T 11
F 12	15 49 58	28°33'32	5♏ 2	14°43	4°10	27°38	2°43	5°29	16° 0	0°35	26°34	14°59	15°33	5°48	29°49	F 12
S 13	15 53 55	29°31'00	19° 4	16°33	5°20	28°12	2°41	5°34	16°R 0	0°33	26°34	14°48	15°30	5°55	29°50	S 13
S 14	15 57 51	0♊28'26	2♐51	18°20	6°31	28°47	2°39	5°38	16° 0	0°32	26°35	14°37	15°27	6° 2	29°51	S 14
M15	16 1 48	1°25'52	16°20	20° 4	7°41	29°21	2°38	5°43	16° 0	0°31	26°36	14°26	15°23	6° 8	29°52	M15
T 16	16 5 44	2°23'16	29°28	21°46	8°52	29°56	2°37	5°47	15°59	0°29	26°37	14°18	15°20	6°15	29°52	T 16
W17	16 9 41	3°20'40	12♑16	23°25	10° 2	0♌30	2°36	5°52	15°59	0°28	26°37	14°11	15°17	6°21	29°53	W17
T 18	16 13 37	4°18'03	24°44	25° 1	11°12	1° 5	2°35	5°57	15°59	0°26	26°38	14° 7	15°14	6°28	29°53	T 18
F 19	16 17 34	5°15'25	6♒55	26°35	12°22	1°40	2°34	6° 2	15°59	0°25	26°39	14° 6	15°11	6°35	29°54	F 19
S 20	16 21 30	6°12'47	18°54	28° 5	13°32	2°14	2°34	6° 7	15°59	0°24	26°39	14°D 5	15° 8	6°41	29°54	S 20
S 21	16 25 27	7°10'08	0♓45	29°33	14°42	2°49	2°34	6°12	15°58	0°22	26°40	14° 6	15° 4	6°48	29°54	S 21
M22	16 29 24	8° 7'28	12°34	0♋57	15°52	3°24	2°D34	6°17	15°58	0°21	26°41	14°R 6	15° 1	6°55	29°55	M22
T 23	16 33 20	9° 4'48	24°27	2°19	17° 1	3°59	2°34	6°22	15°57	0°19	26°41	14° 5	14°58	7° 1	29°55	T 23
W24	16 37 17	10° 2'07	6♈27	3°38	18°11	4°34	2°34	6°28	15°57	0°18	26°42	14° 1	14°55	7° 8	29°55	W24
T 25	16 41 13	10°59'26	18°40	4°54	19°21	5° 9	2°34	6°33	15°56	0°16	26°42	13°56	14°52	7°15	29°55	T 25
F 26	16 45 10	11°56'45	1♉10	6° 6	20°30	5°44	2°35	6°39	15°56	0°15	26°43	13°48	14°48	7°21	29°R55	F 26
S 27	16 49 6	12°54'03	13°58	7°16	21°39	6°19	2°36	6°44	15°55	0°13	26°43	13°39	14°45	7°28	29°55	S 27
S 28	16 53 3	13°51'20	27° 5	8°22	22°49	6°54	2°37	6°50	15°54	0°12	26°44	13°29	14°42	7°35	29°55	S 28
M29	16 56 59	14°48'37	10♊32	9°25	23°58	7°29	2°38	6°55	15°54	0°10	26°44	13°19	14°39	7°41	29°55	M29
T 30	17 0 56	15°45'54	24°15	10°25	25° 7	8° 4	2°39	7° 1	15°53	0° 9	26°45	13°11	14°36	7°48	29°55	T 30
W31	17 4 53	16♊43'10	8♋11	11♋21	26♋16	8♌40	2♎41	7♌ 7	15♒52	0♑ 7	26♓45	13♌ 4	14♌33	7♓55	29♒55	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	17n15	15n49	4s49	19n 4	0n43	24n51	1n38	23n26	1n39	0n 8	1n33	20n 5	0n58	16s46	0s41	22s27	1n 5	16s23	16s20	16n 8	16n 3	11s23	6s13	5n47
T 2	17 31	18 19	4 23	19 47	0 53	24 58	1 40	23 20	1 38	0 9	1 33	20 4	0 58	16 46	0 41	22 27	1 5	16 23	16 21	16 12	16 4	11 21	6 13	5 48
W 3	17 47	19 50	3 41	20 27	1 2	25 4	1 42	23 14	1 37	0 10	1 32	20 3	0 58	16 46	0 41	22 27	1 5	16 23	16 21	16 14	16 5	11 20	6 12	5 48
T 4	18 2	20 13	2 46	21 6	1 11	25 9	1 44	23 8	1 37	0 11	1 32	20 2	0 58	16 46	0 41	22 27	1 5	16 22	16 21	16 16	16 6	11 18	6 11	5 48
F 5	18 18	19 23	1 41	21 42	1 20	25 13	1 45	23 1	1 36	0 13	1 32	20 2	0 58	16 46	0 41	22 27	1 5	16 22	16 21	16 17	16 7	11 16	6 10	5 49
S 6	18 32	17 22	0 29	22 15	1 28	25 17	1 47	22 55	1 36	0 13	1 32	20 1	0 58	16 46	0 41	22 27	1 5	16 22	16 22	16 17	16 8	11 15	6 10	5 49
S 7	18 47	14 18	0n45	22 46	1 36	25 20	1 49	22 48	1 35	0 14	1 31	20 0	0 58	16 46	0 41	22 27	1 5	16 22	16 22	16 17	16 9	11 13	6 9	5 49
M 8	19 1	10 23	1 57	23 14	1 42	25 22	1 51	22 42	1 35	0 15	1 31	19 59	0 58	16 46	0 41	22 27	1 5	16 22	16 22	16 17	16 10	11 11	6 8	5 49
T 9	19 15	5 51	3 2	23 40	1 49	25 23	1 52	22 35	1 34	0 16	1 31	19 58	0 58	16 45	0 41	22 27	1 5	16 22	16 23	16 18	16 11	11 10	6 8	5 50
W10	19 28	0 59	3 56	24 3	1 54	25 24	1 54	22 28	1 33	0 17	1 31	19 57	0 58	16 45	0 41	22 27	1 5	16 22	16 23	16 19	16 12	11 8	6 7	5 50
T 11	19 42	3s55	4 35	24 23	1 59	25 24	1 55	22 20	1 33	0 17	1 30	19 55	0 58	16 45	0 41	22 27	1 5	16 22	16 23	16 21	16 13	11 6	6 6	5 50
F 12	19 55	8 35	4 57	24 41	2 3	25 24	1 56	22 13	1 32	0 18	1 30	19 54	0 58	16 46	0 41	22 27	1 5	16 22	16 24	16 24	16 14	11 4	6 6	5 51
S 13	20 7	12 44	5 1	24 56	2 6	25 22	1 57	22 5	1 32	0 18	1 30	19 53	0 58	16 46	0 42	22 27	1 5	16 22	16 24	16 27	16 15	11 3	6 5	5 51
S 14	20 19	16 7	4 47	25 9	2 8	25 20	1 59	21 58	1 31	0 19	1 30	19 52	0 58	16 46	0 42	22 27	1 5	16 22	16 24	16 30	16 16	11 1	6 5	5 51
M15	20 31	18 34	4 17	25 19	2 10	25 18	2 0	21 50	1 31	0 19	1 29	19 51	0 58	16 46	0 42	22 27	1 5	16 22	16 25	16 33	16 17	10 59	6 4	5 52
T 16	20 43	19 58	3 34	25 27	2 11	25 14	2 1	21 42	1 30	0 19	1 29	19 50	0 58	16 46	0 42	22 27	1 5	16 22	16 25	16 36	16 18	10 58	6 4	5 52
W17	20 54	20 17	2 41	25 33	2 11	25 10	2 2	21 34	1 29	0 19	1 29	19 49	0 58	16 46	0 42	22 27	1 5	16 22	16 25	16 38	16 19	10 56	6 3	5 52
T 18	21 5	19 36	1 41	25 36	2 10	25 5	2 3	21 26	1 29	0 19	1 29	19 47	0 58	16 46	0 42	22 27	1 5	16 22	16 26	16 39	16 20	10 54	6 3	5 53
F 19	21 15	18 0	0 38	25 38	2 9	25 0	2 3	21 18	1 28	0 19	1 28	19 46	0 58	16 46	0 42	22 27	1 5	16 22	16 26	16 40	16 20	10 53	6 2	5 53
S 20	21 25	15 37	0s26	25 37	2 7	24 53	2 4	21 9	1 28	0 19	1 28	19 45	0 58	16 46	0 42	22 27	1 5	16 22	16 26	16 40	16 21	10 51	6 2	5 53
S 21	21 35	12 37	1 28	25 35	2 4	24 46	2 5	21 1	1 27	0 19	1 28	19 44	0 58	16 46	0 42	22 27	1 5	16 22	16 27	16 39	16 22	10 49	6 2	5 53
M22	21 44	9 7	2 26	25 31	2 0	24 39	2 5	20 52	1 27	0 19	1 27	19 42	0 58	16 46	0 42	22 27	1 5	16 22	16 27	16 39	16 23	10 47	6 1	5 54
T 23	21 53	5 15	3 18	25 26	1 56	24 31	2 6	20 43	1 26	0 19	1 27	19 41	0 58	16 47	0 42	22 27	1 5	16 22	16 27	16 40	16 24	10 46	6 1	5 54
W24	22 2	1 8	4 2	25 19	1 51	24 22	2 6	20 34	1 26	0 18	1 27	19 40	0 58	16 47	0 42	22 27	1 5	16 22	16 28	16 41	16 25	10 44	6 0	5 54
T 25	22 10	3n 5	4 36	25 11	1 45	24 12	2 6	20 25	1 25	0 18	1 27	19 38	0 58	16 47	0 42	22 27	1 5	16 22	16 28	16 42	16 26	10 42	6 0	5 55
F 26	22 18	7 16	4 57	25 1	1 38	24 2	2 6	20 16	1 24	0 17	1 26	19 37	0 58	16 47	0 42	22 27	1 5	16 23	16 28	16 45	16 27	10 40	6 0	5 55
S 27	22 26	11 14	5 4	24 50	1 31	23 51	2 6	20 7	1 24	0 17	1 26	19 36	0 58	16 47	0 42	22 27	1 5	16 23	16 29	16 47	16 28	10 39	6 0	5 55
S 28	22 33	14 46	4 56	24 38	1 23	23 40	2 6	19 57	1 23	0 16	1 26	19 34	0 58	16 48	0 42	22 27	1 5	16 23	16 29	16 50	16 29	10 37	5 59	5 56
M29	22 39	17 38	4 31	24 25	1 14	23 28	2 6	19 48	1 23	0 16	1 26	19 33	0 58	16 48	0 42	22 27	1 5	16 23	16 30	16 53	16 30	10 35	5 59	5 56
T 30	22 46	19 34	3 50	24 11	1 4	23 15	2 6	19 38	1 22	0 15	1 25	19 31	0 58	16 48	0 42	22 27	1 5	16 23	16 30	16 55	16 31	10 33	5 59	5 56
W31	22n52	20n21	2s55	23n56	0n54	23n 2	2n 5	19n28	1n22	0n14	1n25	19n30	0n58	16s49	0s42	22s27	1n 5	16s23	16s30	16n57	16n32	10s32	5s59	5n57

Julian Day Number = 2206595.5, Delta T = 09m40s
Ecliptic obliquity = 23°31'28, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°23'10, Lahiri = 14°30'10 Julian Calendar 1 May 1329 == Greg. Calendar 9 May 1329

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ASTRODIENST EPHEMERIS for the year 1329
geocentric

JUNE 1329 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	17 8 49	17♊40'25	22♋17	12♋14	27♋25	9♌15	2♎42	7♌13	15°R51	0°R 5	26♓46	13°R 0	14♌29	8♓ 1	29°R54	T 1
F 2	17 12 46	18°37'40	6♌28	13° 3	28°33	9°51	2°44	7°18	15♒50	0♉ 4	26°46	12°D58	14°26	8° 8	29♒54	F 2
S 3	17 16 42	19°34'54	20°42	13°49	29°42	10°26	2°46	7°24	15°49	0° 2	26°46	12♌58	14°23	8°15	29°53	S 3
S 4	17 20 39	20°32'07	4♍55	14°30	0♌51	11° 2	2°48	7°30	15°48	0° 1	26°47	12°59	14°20	8°21	29°53	S 4
M 5	17 24 35	21°29'20	19° 6	15° 8	1°59	11°37	2°51	7°36	15°47	29♐59	26°47	13°R 0	14°17	8°28	29°52	M 5
T 6	17 28 32	22°26'32	3♎13	15°42	3° 7	12°13	2°53	7°43	15°46	29°57	26°47	12°59	14°14	8°35	29°52	T 6
W 7	17 32 29	23°23'43	17°14	16°11	4°15	12°48	2°56	7°49	15°45	29°56	26°48	12°57	14°10	8°41	29°51	W 7
T 8	17 36 25	24°20'54	1♏ 9	16°36	5°23	13°24	2°59	7°55	15°44	29°54	26°48	12°53	14° 7	8°48	29°50	T 8
F 9	17 40 22	25°18'04	14°56	16°57	6°31	14° 0	3° 2	8° 1	15°42	29°53	26°48	12°47	14° 4	8°55	29°50	F 9
S 10	17 44 18	26°15'14	28°31	17°13	7°39	14°36	3° 5	8° 8	15°41	29°51	26°48	12°39	14° 1	9° 1	29°49	S 10
S 11	17 48 15	27°12'24	11♐53	17°25	8°47	15°11	3° 9	8°14	15°40	29°49	26°49	12°32	13°58	9° 8	29°48	S 11
M12	17 52 11	28° 9'33	25° 1	17°32	9°54	15°47	3°12	8°20	15°39	29°48	26°49	12°25	13°54	9°15	29°47	M12
T 13	17 56 8	29° 6'42	7♑52	17°R35	11° 1	16°23	3°16	8°27	15°37	29°46	26°49	12°19	13°51	9°21	29°46	T 13
W14	18 0 4	0♋ 3'52	20°27	17°33	12° 9	16°59	3°20	8°33	15°36	29°45	26°49	12°15	13°48	9°28	29°45	W14
T 15	18 4 1	1° 1'01	2♒47	17°26	13°16	17°35	3°24	8°40	15°34	29°43	26°49	12°13	13°45	9°35	29°44	T 15
F 16	18 7 58	1°58'10	14°54	17°15	14°23	18°11	3°28	8°47	15°33	29°41	26°49	12°D12	13°42	9°41	29°43	F 16
S 17	18 11 54	2°55'20	26°51	16°59	15°29	18°48	3°32	8°53	15°31	29°40	26°49	12°13	13°39	9°48	29°41	S 17
S 18	18 15 51	3°52'30	8♓42	16°39	16°36	19°24	3°37	9° 0	15°30	29°38	26°49	12°15	13°35	9°55	29°40	S 18
M19	18 19 47	4°49'40	20°31	16°16	17°42	20° 0	3°41	9° 7	15°28	29°36	26°R49	12°16	13°32	10° 1	29°39	M19
T 20	18 23 44	5°46'50	2♈24	15°48	18°49	20°36	3°46	9°14	15°26	29°35	26°49	12°R17	13°29	10° 8	29°37	T 20
W21	18 27 40	6°44'01	14°25	15°17	19°55	21°13	3°51	9°20	15°25	29°33	26°49	12°17	13°26	10°15	29°36	W21
T 22	18 31 37	7°41'13	26°39	14°44	21° 1	21°49	3°56	9°27	15°23	29°32	26°49	12°15	13°23	10°21	29°35	T 22
F 23	18 35 33	8°38'24	9♉11	14° 8	22° 6	22°25	4° 2	9°34	15°21	29°30	26°49	12°12	13°20	10°28	29°33	F 23
S 24	18 39 30	9°35'37	22° 3	13°30	23°12	23° 2	4° 7	9°41	15°20	29°28	26°49	12° 8	13°16	10°35	29°31	S 24
S 25	18 43 27	10°32'50	5♊18	12°52	24°17	23°38	4°13	9°48	15°18	29°27	26°49	12° 3	13°13	10°41	29°30	S 25
M26	18 47 23	11°30'03	18°57	12°12	25°22	24°15	4°18	9°55	15°16	29°25	26°49	11°59	13°10	10°48	29°28	M26
T 27	18 51 20	12°27'17	2♋57	11°33	26°28	24°51	4°24	10° 2	15°14	29°24	26°49	11°55	13° 7	10°55	29°26	T 27
W28	18 55 16	13°24'31	17°14	10°55	27°32	25°28	4°30	10° 9	15°12	29°22	26°48	11°52	13° 4	11° 1	29°25	W28
T 29	18 59 13	14°21'46	1♌44	10°18	28°37	26° 5	4°36	10°17	15°10	29°21	26°48	11°50	13° 0	11° 8	29°23	T 29
F 30	19 3 9	15♋19'01	16♌21	9♋44	29♌41	26♌42	4♎43	10♌24	15♒ 8	29♐19	26♓48	11°D50	12♌57	11♓15	29♒21	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n57	19n53	1s49	23n41	0n44	22n48	2n 5	19n18	1n21	0n13	1n25	19n28	0n58	16s49	0s42	22s27	1n 5	16s23	16s31	16n58	16n33	10s30	5s58	5n57
F 2	23 2	18 10	0 35	23 25	0 32	22 33	2 4	19 8	1 21	0 12	1 25	19 27	0 58	16 49	0 42	22 27	1 5	16 24	16 31	16 59	16 34	10 28	5 58	5 57
S 3	23 7	15 18	0n41	23 9	0 20	22 18	2 4	18 58	1 20	0 11	1 24	19 25	0 58	16 49	0 42	22 27	1 5	16 24	16 31	16 59	16 34	10 26	5 58	5 57
S 4	23 11	11 32	1 55	22 52	0 8	22 3	2 3	18 48	1 19	0 10	1 24	19 24	0 58	16 50	0 42	22 27	1 5	16 24	16 32	16 59	16 35	10 25	5 58	5 58
M 5	23 15	7 7	3 2	22 35	0s 5	21 46	2 2	18 37	1 19	0 9	1 24	19 22	0 58	16 50	0 42	22 27	1 5	16 24	16 32	16 58	16 36	10 23	5 58	5 58
T 6	23 18	2 21	3 57	22 17	0 19	21 30	2 1	18 27	1 18	0 7	1 23	19 21	0 58	16 50	0 42	22 27	1 5	16 24	16 32	16 59	16 37	10 21	5 58	5 58
W 7	23 22	2s31	4 38	22 0	0 33	21 12	2 0	18 16	1 18	0 6	1 23	19 19	0 58	16 51	0 42	22 27	1 5	16 25	16 33	16 59	16 38	10 19	5 58	5 59
T 8	23 24	7 12	5 1	21 42	0 47	20 55	1 59	18 5	1 17	0 5	1 23	19 18	0 58	16 51	0 42	22 27	1 5	16 25	16 33	17 0	16 39	10 18	5 58	5 59
F 9	23 26	11 28	5 8	21 25	1 2	20 36	1 58	17 55	1 17	0 3	1 23	19 16	0 58	16 52	0 42	22 27	1 5	16 25	16 34	17 2	16 40	10 16	5 58	5 59
S 10	23 28	15 5	4 56	21 8	1 18	20 18	1 56	17 44	1 16	0 2	1 22	19 14	0 58	16 52	0 43	22 27	1 5	16 25	16 34	17 4	16 41	10 14	5 58	6 0
S 11	23 30	17 51	4 29	20 51	1 33	19 58	1 55	17 32	1 16	0 0	1 22	19 13	0 58	16 52	0 43	22 27	1 5	16 26	16 34	17 6	16 42	10 12	5 58	6 0
M12	23 31	19 38	3 47	20 34	1 49	19 39	1 53	17 21	1 15	0s 2	1 22	19 11	0 58	16 53	0 43	22 27	1 5	16 26	16 35	17 8	16 43	10 10	5 58	6 0
T 13	23 31	20 22	2 55	20 18	2 4	19 19	1 51	17 10	1 14	0 3	1 22	19 9	0 58	16 53	0 43	22 27	1 5	16 26	16 35	17 10	16 44	10 9	5 58	6 0
W14	23 31	20 4	1 55	20 3	2 20	18 58	1 49	16 58	1 14	0 5	1 21	19 8	0 58	16 54	0 43	22 27	1 5	16 27	16 35	17 11	16 45	10 7	5 58	6 1
T 15	23 31	18 47	0 51	19 48	2 36	18 37	1 48	16 47	1 13	0 7	1 21	19 6	0 58	16 54	0 43	22 27	1 5	16 27	16 36	17 12	16 45	10 5	5 58	6 1
F 16	23 31	16 39	0s15	19 34	2 51	18 15	1 45	16 35	1 13	0 9	1 21	19 4	0 58	16 55	0 43	22 27	1 5	16 27	16 36	17 12	16 46	10 3	5 58	6 1
S 17	23 30	13 51	1 19	19 21	3 7	17 54	1 43	16 23	1 12	0 11	1 21	19 2	0 58	16 55	0 43	22 27	1 5	16 27	16 37	17 12	16 47	10 2	5 59	6 1
S 18	23 28	10 29	2 19	19 9	3 21	17 31	1 41	16 11	1 12	0 13	1 20	19 1	0 58	16 56	0 43	22 27	1 5	16 28	16 37	17 11	16 48	10 0	5 59	6 2
M19	23 26	6 44	3 14	18 58	3 35	17 9	1 39	15 59	1 11	0 15	1 20	18 59	0 58	16 56	0 43	22 27	1 5	16 28	16 37	17 11	16 49	9 58	5 59	6 2
T 20	23 24	2 43	4 0	18 48	3 48	16 46	1 36	15 47	1 11	0 17	1 20	18 57	0 59	16 57	0 43	22 27	1 5	16 28	16 38	17 10	16 50	9 56	5 59	6 2
W21	23 21	1n27	4 36	18 40	4 1	16 22	1 33	15 35	1 10	0 19	1 20	18 55	0 59	16 57	0 43	22 27	1 5	16 29	16 38	17 11	16 51	9 54	5 59	6 2
T 22	23 18	5 38	5 1	18 32	4 12	15 58	1 31	15 23	1 9	0 22	1 19	18 53	0 59	16 58	0 43	22 27	1 5	16 29	16 38	17 11	16 52	9 53	6 0	6 3
F 23	23 14	9 40	5 12	18 26	4 22	15 34	1 28	15 10	1 9	0 24	1 19	18 52	0 59	16 58	0 43	22 27	1 5	16 30	16 39	17 12	16 53	9 51	6 0	6 3
S 24	23 11	13 23	5 8	18 21	4 31	15 10	1 25	14 58	1 8	0 26	1 19	18 50	0 59	16 59	0 43	22 27	1 5	16 30	16 39	17 13	16 54	9 49	6 0	6 3
S 25	23 6	16 33	4 47	18 17	4 38	14 45	1 21	14 45	1 8	0 29	1 19	18 48	0 59	16 59	0 43	22 27	1 5	16 30	16 40	17 14	16 55	9 47	6 1	6 3
M26	23 1	18 54	4 10	18 15	4 44	14 20	1 18	14 33	1 7	0 31	1 18	18 46	0 59	17 0	0 43	22 27	1 5	16 31	16 40	17 16	16 56	9 45	6 1	6 4
T 27	22 56	20 12	3 17	18 14	4 48	13 55	1 15	14 20	1 7	0 34	1 18	18 44	0 59	17 1	0 43	22 27	1 5	16 31	16 40	17 17	16 56	9 43	6 1	6 4
W28	22 51	20 15	2 11	18 15	4 50	13 29	1 11	14 7	1 6	0 36	1 18	18 42	0 59	17 1	0 43	22 27	1 4	16 31	16 41	17 18	16 57	9 42	6 2	6 4
T 29	22 45	18 57	0 55	18 17	4 51	13 3	1 8	13 54	1 6	0 39	1 18	18 40	0 59	17 2	0 43	22 27	1 4	16 32	16 41	17 18	16 58	9 40	6 2	6 4
F 30	22n38	16n23	0n25	18n20	4s50	12n37	1n 4	13n41	1n 5	0s42	1n17	18n38	0n59	17s 2	0s43	22s27	1n 4	16s32	16s41	17n18	16n59	9s38	6s 3	6n 5

Julian Day Number = 2206626.5, Delta T = 09m39s
Ecliptic obliquity = 23°31'28, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°23'14, Lahiri = 14°30'15 Julian Calendar 1 June 1329 == Greg. Calendar 9 June 1329

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ASTRODIENST EPHEMERIS for the year 1329
geocentric

JULY 1329 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	19 7 6	16♋16'16	0♍58	9°R12	0♍46	27♌18	4♎49	10♌31	15°R 6	29°R18	26°R48	11♌51	12♌54	11♓21	29°R19	S 1
S 2	19 11 2	17°13'32	15°30	8♋44	1°50	27°55	4°56	10°38	15♒ 4	29♐16	26♓47	11°52	12°51	11°28	29♒17	S 2
M 3	19 14 59	18°10'48	29°53	8°19	2°53	28°32	5° 2	10°45	15° 2	29°14	26°47	11°53	12°48	11°34	29°15	M 3
T 4	19 18 56	19° 8'04	14♎ 5	7°59	3°57	29° 9	5° 9	10°53	15° 0	29°13	26°47	11°R54	12°45	11°41	29°13	T 4
W 5	19 22 52	20° 5'20	28° 2	7°44	5° 0	29°46	5°16	11° 0	14°58	29°11	26°46	11°54	12°41	11°48	29°11	W 5
T 6	19 26 49	21° 2'37	11♏45	7°35	6° 3	0♍23	5°23	11° 7	14°56	29°10	26°46	11°53	12°38	11°54	29° 9	T 6
F 7	19 30 45	21°59'54	25°13	7°D30	7° 6	1° 0	5°31	11°15	14°54	29° 9	26°46	11°51	12°35	12° 1	29° 7	F 7
S 8	19 34 42	22°57'11	8♐27	7°31	8° 8	1°37	5°38	11°22	14°52	29° 7	26°45	11°48	12°32	12° 8	29° 5	S 8
S 9	19 38 38	23°54'29	21°26	7°39	9°11	2°14	5°45	11°30	14°50	29° 6	26°45	11°46	12°29	12°14	29° 2	S 9
M10	19 42 35	24°51'48	4♑11	7°52	10°12	2°51	5°53	11°37	14°47	29° 4	26°44	11°43	12°26	12°21	29° 0	M10
T 11	19 46 31	25°49'08	16°43	8°11	11°14	3°29	6° 1	11°44	14°45	29° 3	26°44	11°41	12°22	12°28	28°58	T 11
W12	19 50 28	26°46'28	29° 3	8°37	12°15	4° 6	6° 9	11°52	14°43	29° 1	26°44	11°40	12°19	12°34	28°55	W12
T 13	19 54 25	27°43'49	11♒12	9° 9	13°16	4°43	6°17	11°59	14°41	29° 0	26°43	11°D40	12°16	12°41	28°53	T 13
F 14	19 58 21	28°41'11	23°12	9°47	14°17	5°21	6°25	12° 7	14°38	28°59	26°43	11°40	12°13	12°48	28°51	F 14
S 15	20 2 18	29°38'34	5♓ 5	10°31	15°18	5°58	6°33	12°14	14°36	28°57	26°42	11°41	12°10	12°54	28°48	S 15
S 16	20 6 14	0♌35'58	16°54	11°21	16°18	6°36	6°41	12°22	14°34	28°56	26°41	11°42	12° 6	13° 1	28°46	S 16
M17	20 10 11	1°33'23	28°43	12°17	17°17	7°13	6°50	12°30	14°32	28°55	26°41	11°43	12° 3	13° 8	28°43	M17
T 18	20 14 7	2°30'49	10♈36	13°19	18°17	7°51	6°58	12°37	14°29	28°53	26°40	11°44	12° 0	13°14	28°41	T 18
W19	20 18 4	3°28'17	22°37	14°27	19°16	8°28	7° 7	12°45	14°27	28°52	26°40	11°44	11°57	13°21	28°38	W19
T 20	20 22 0	4°25'46	4♉50	15°40	20°14	9° 6	7°16	12°52	14°25	28°51	26°39	11°R45	11°54	13°28	28°35	T 20
F 21	20 25 57	5°23'16	17°19	16°58	21°12	9°44	7°25	13° 0	14°22	28°50	26°38	11°44	11°51	13°34	28°33	F 21
S 22	20 29 54	6°20'48	0♊10	18°22	22°10	10°21	7°34	13° 8	14°20	28°48	26°38	11°44	11°47	13°41	28°30	S 22
S 23	20 33 50	7°18'21	13°24	19°51	23° 8	10°59	7°43	13°15	14°17	28°47	26°37	11°44	11°44	13°48	28°27	S 23
M24	20 37 47	8°15'56	27° 4	21°24	24° 5	11°37	7°52	13°23	14°15	28°46	26°36	11°43	11°41	13°54	28°25	M24
T 25	20 41 43	9°13'32	11♋10	23° 2	25° 1	12°15	8° 1	13°30	14°13	28°45	26°36	11°43	11°38	14° 1	28°22	T 25
W26	20 45 40	10°11'09	25°38	24°44	25°57	12°53	8°11	13°38	14°10	28°44	26°35	11°43	11°35	14° 8	28°19	W26
T 27	20 49 36	11° 8'48	10♌25	26°29	26°53	13°31	8°20	13°46	14° 8	28°43	26°34	11°43	11°32	14°14	28°16	T 27
F 28	20 53 33	12° 6'28	25°22	28°17	27°48	14° 9	8°30	13°53	14° 6	28°42	26°33	11°43	11°28	14°21	28°14	F 28
S 29	20 57 29	13° 4'09	10♍22	0♌ 9	28°43	14°47	8°39	14° 1	14° 3	28°41	26°32	11°43	11°25	14°28	28°11	S 29
S 30	21 1 26	14° 1'51	25°17	2° 2	29°37	15°25	8°49	14° 9	14° 1	28°40	26°32	11°42	11°22	14°34	28° 8	S 30
M31	21 5 23	14♌59'35	9♎59	3♌58	0♎31	16♍ 3	8♎59	14♌16	13♒58	28♐39	26♓31	11♌42	11♌19	14♓41	28♒ 5	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	22n32	12n47	1n43	18n25	4s48	12n11	1n 0	13n28	1n 5	0s45	1n17	18n37	0n59	17s 3	0s43	22s27	1n 4	16s33	16s42	17n18	17n 0	9s36	6s 3	6n 5	S 1
S 2	22 25	8 25	2 55	18 31	4 44	11 44	0 56	13 14	1 4	0 47	1 17	18 35	0 59	17 4	0 43	22 27	1 4	16 33	16 42	17 18	17 1	9 34	6 3	6 5	S 2
M 3	22 17	3 38	3 55	18 38	4 38	11 18	0 52	13 1	1 3	0 50	1 17	18 33	0 59	17 4	0 43	22 27	1 4	16 34	16 42	17 17	17 2	9 32	6 4	6 5	M 3
T 4	22 9	1s17	4 39	18 46	4 31	10 51	0 48	12 48	1 3	0 53	1 16	18 31	0 59	17 5	0 43	22 27	1 4	16 34	16 43	17 17	17 3	9 31	6 4	6 5	T 4
W 5	22 1	6 3	5 6	18 56	4 23	10 23	0 44	12 34	1 2	0 56	1 16	18 29	0 59	17 5	0 43	22 27	1 4	16 35	16 43	17 17	17 4	9 29	6 5	6 6	W 5
T 6	21 52	10 25	5 15	19 6	4 13	9 56	0 39	12 20	1 2	0 59	1 16	18 27	0 59	17 6	0 43	22 27	1 4	16 35	16 43	17 17	17 5	9 27	6 6	6 6	T 6
F 7	21 43	14 10	5 7	19 17	4 2	9 28	0 35	12 7	1 1	1 2	1 16	18 25	0 59	17 7	0 43	22 27	1 4	16 35	16 44	17 18	17 5	9 25	6 6	6 6	F 7
S 8	21 34	17 9	4 42	19 28	3 51	9 1	0 30	11 53	1 1	1 5	1 16	18 23	0 59	17 7	0 43	22 27	1 4	16 36	16 44	17 19	17 6	9 23	6 7	6 6	S 8
S 9	21 24	19 12	4 3	19 41	3 38	8 33	0 25	11 39	1 0	1 9	1 15	18 21	0 59	17 8	0 43	22 27	1 4	16 36	16 45	17 19	17 7	9 21	6 7	6 6	S 9
M10	21 14	20 15	3 13	19 53	3 25	8 5	0 20	11 25	1 0	1 12	1 15	18 19	0 59	17 9	0 43	22 27	1 4	16 37	16 45	17 20	17 8	9 19	6 8	6 7	M10
T 11	21 3	20 16	2 14	20 6	3 11	7 37	0 15	11 11	0 59	1 15	1 15	18 17	0 59	17 9	0 43	22 27	1 4	16 37	16 45	17 20	17 9	9 18	6 9	6 7	T 11
W12	20 53	19 18	1 9	20 19	2 56	7 9	0 10	10 57	0 58	1 18	1 15	18 15	0 59	17 10	0 43	22 27	1 4	16 38	16 46	17 21	17 10	9 16	6 9	6 7	W12
T 13	20 41	17 26	0 3	20 32	2 41	6 40	0 5	10 43	0 58	1 22	1 15	18 12	0 59	17 11	0 43	22 27	1 4	16 38	16 46	17 21	17 11	9 14	6 10	6 7	T 13
F 14	20 30	14 50	1s 3	20 44	2 26	6 12	0s 0	10 28	0 57	1 25	1 14	18 10	0 59	17 11	0 43	22 27	1 4	16 39	16 46	17 21	17 12	9 12	6 11	6 7	F 14
S 15	20 18	11 38	2 6	20 56	2 11	5 44	0 6	10 14	0 57	1 29	1 14	18 8	1 0	17 12	0 43	22 27	1 4	16 39	16 47	17 21	17 13	9 10	6 11	6 7	S 15
S 16	20 6	8 0	3 3	21 7	1 55	5 15	0 11	10 0	0 56	1 32	1 14	18 6	1 0	17 13	0 43	22 27	1 4	16 40	16 47	17 20	17 13	9 8	6 12	6 7	S 16
M17	19 53	4 4	3 52	21 18	1 40	4 47	0 17	9 45	0 56	1 36	1 14	18 4	1 0	17 13	0 43	22 27	1 4	16 40	16 47	17 20	17 14	9 6	6 13	6 8	M17
T 18	19 40	0n 3	4 32	21 28	1 24	4 18	0 23	9 31	0 55	1 39	1 13	18 2	1 0	17 14	0 43	22 27	1 4	16 41	16 47	17 20	17 15	9 5	6 13	6 8	T 18
W19	19 27	4 11	5 0	21 36	1 9	3 49	0 29	9 16	0 55	1 43	1 13	18 0	1 0	17 15	0 43	22 27	1 4	16 41	16 48	17 20	17 16	9 3	6 14	6 8	W19
T 20	19 13	8 13	5 15	21 43	0 54	3 21	0 35	9 1	0 54	1 46	1 13	17 58	1 0	17 16	0 43	22 27	1 4	16 42	16 48	17 20	17 17	9 1	6 15	6 8	T 20
F 21	18 59	12 0	5 16	21 48	0 39	2 52	0 41	8 46	0 53	1 50	1 13	17 56	1 0	17 16	0 43	22 27	1 4	16 43	16 48	17 20	17 18	8 59	6 16	6 8	F 21
S 22	18 45	15 21	5 1	21 51	0 25	2 23	0 47	8 32	0 53	1 54	1 13	17 54	1 0	17 17	0 43	22 27	1 4	16 43	16 49	17 20	17 19	8 57	6 17	6 8	S 22
S 23	18 31	18 1	4 30	21 52	0 11	1 55	0 54	8 17	0 52	1 58	1 12	17 52	1 0	17 18	0 43	22 27	1 4	16 44	16 49	17 20	17 20	8 55	6 17	6 8	S 23
M24	18 16	19 46	3 43	21 51	0n 2	1 26	1 0	8 2	0 52	2 1	1 12	17 49	1 0	17 18	0 43	22 27	1 4	16 44	16 49	17 20	17 21	8 53	6 18	6 8	M24
T 25	18 1	20 22	2 42	21 48	0 15	0 58	1 7	7 47	0 51	2 5	1 12	17 47	1 0	17 19	0 43	22 27	1 4	16 45	16 50	17 20	17 21	8 51	6 19	6 8	T 25
W26	17 45	19 39	1 28	21 42	0 27	0 29	1 14	7 32	0 51	2 9	1 12	17 45	1 0	17 20	0 43	22 27	1 4	16 45	16 50	17 20	17 22	8 49	6 20	6 9	W26
T 27	17 29	17 35	0 7	21 33	0 38	0 1	1 20	7 17	0 50	2 13	1 12	17 43	1 0	17 20	0 43	22 27	1 4	16 46	16 50	17 20	17 23	8 48	6 21	6 9	T 27
F 28	17 13	14 17	1n15	21 22	0 48	0s27	1 27	7 1	0 50	2 17	1 12	17 41	1 0	17 21	0 43	22 27	1 4	16 46	16 50	17 20	17 24	8 46	6 22	6 9	F 28
S 29	16 57	10 3	2 33	21 8	0 58	0 56	1 34	6 46	0 49	2 21	1 11	17 39	1 0	17 22	0 43	22 27	1 4	16 47	16 51	17 20	17 25	8 44	6 23	6 9	S 29
S 30	16 41	5 14	3 39	20 51	1 7	1 24	1 41	6 31	0 48	2 25	1 11	17 37	1 1	17 23	0 43	22 27	1 4	16 48	16 51	17 20	17 26	8 42	6 24	6 9	S 30
M31	16n24	0n10	4n30	20n32	1n14	1s52	1s49	6n15	0n48	2s29	1n11	17n34	1n 1	17s23	0s43	22s28	1n 4	16s48	16s51	17n20	17n27	8s40	6s25	6n 9	M31

Julian Day Number = 2206656.5, Delta T = 09m39s
Ecliptic obliquity = 23°31'28, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°23'18, Lahiri = 14°30'19 Julian Calendar 1 July 1329 == Greg. Calendar 9 July 1329

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ASTRODIENST EPHEMERIS for the year 1329
geocentric

AUGUST 1329 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	21 9 19	15♌57'19	24♎23	5♌55	1♎24	16♍41	9♎ 9	14♌24	13°R56	28°R38	26°R30	11°R42	11♌16	14♓48	28°R 2	T 1
W 2	21 13 16	16°55'05	8♏26	7°54	2°16	17°20	9°19	14°32	13♒54	28♐37	26♓29	11♌42	11°12	14°54	27♒59	W 2
T 3	21 17 12	17°52'51	22° 7	9°53	3° 8	17°58	9°29	14°39	13°51	28°36	26°28	11°D42	11° 9	15° 1	27°56	T 3
F 4	21 21 9	18°50'39	5♐26	11°54	3°59	18°36	9°40	14°47	13°49	28°35	26°27	11°42	11° 6	15° 8	27°54	F 4
S 5	21 25 5	19°48'29	18°26	13°54	4°49	19°15	9°50	14°55	13°46	28°34	26°26	11°42	11° 3	15°14	27°51	S 5
S 6	21 29 2	20°46'19	1♑ 9	15°54	5°39	19°53	10° 0	15° 2	13°44	28°33	26°25	11°43	11° 0	15°21	27°48	S 6
M 7	21 32 58	21°44'11	13°36	17°54	6°28	20°32	10°11	15°10	13°42	28°32	26°25	11°44	10°57	15°28	27°45	M 7
T 8	21 36 55	22°42'04	25°52	19°54	7°17	21°10	10°21	15°18	13°39	28°32	26°24	11°45	10°53	15°34	27°42	T 8
W 9	21 40 52	23°39'59	7♒58	21°53	8° 4	21°49	10°32	15°25	13°37	28°31	26°23	11°R45	10°50	15°41	27°39	W 9
T 10	21 44 48	24°37'55	19°57	23°51	8°51	22°27	10°43	15°33	13°35	28°30	26°22	11°45	10°47	15°48	27°36	T 10
F 11	21 48 45	25°35'52	1♓50	25°49	9°37	23° 6	10°54	15°40	13°32	28°29	26°21	11°44	10°44	15°55	27°33	F 11
S 12	21 52 41	26°33'52	13°40	27°45	10°22	23°45	11° 4	15°48	13°30	28°29	26°20	11°43	10°41	16° 1	27°30	S 12
S 13	21 56 38	27°31'53	25°29	29°40	11° 6	24°24	11°15	15°56	13°28	28°28	26°19	11°41	10°37	16° 8	27°27	S 13
M14	22 0 34	28°29'55	7♈20	1♍35	11°50	25° 2	11°26	16° 3	13°25	28°27	26°18	11°38	10°34	16°15	27°24	M14
T 15	22 4 31	29°28'00	19°14	3°28	12°32	25°41	11°38	16°11	13°23	28°27	26°17	11°36	10°31	16°21	27°21	T 15
W16	22 8 27	0♍26'06	1♉16	5°20	13°13	26°20	11°49	16°18	13°21	28°26	26°16	11°33	10°28	16°28	27°18	W16
T 17	22 12 24	1°24'15	13°29	7°11	13°54	26°59	12° 0	16°26	13°19	28°26	26°15	11°31	10°25	16°35	27°15	T 17
F 18	22 16 21	2°22'25	25°56	9° 0	14°33	27°38	12°11	16°33	13°16	28°25	26°13	11°30	10°22	16°41	27°12	F 18
S 19	22 20 17	3°20'38	8♊42	10°49	15°11	28°17	12°23	16°41	13°14	28°25	26°12	11°D30	10°18	16°48	27° 9	S 19
S 20	22 24 14	4°18'53	21°50	12°36	15°48	28°56	12°34	16°48	13°12	28°24	26°11	11°31	10°15	16°55	27° 6	S 20
M21	22 28 10	5°17'10	5♋23	14°22	16°24	29°36	12°46	16°55	13°10	28°24	26°10	11°32	10°12	17° 1	27° 4	M21
T 22	22 32 7	6°15'29	19°22	16° 7	16°58	0♎15	12°57	17° 3	13° 8	28°24	26° 9	11°34	10° 9	17° 8	27° 1	T 22
W23	22 36 3	7°13'50	3♌48	17°51	17°32	0°54	13° 9	17°10	13° 6	28°23	26° 8	11°35	10° 6	17°15	26°58	W23
T 24	22 40 0	8°12'13	18°37	19°33	18° 4	1°33	13°21	17°18	13° 3	28°23	26° 7	11°R35	10° 3	17°21	26°55	T 24
F 25	22 43 56	9°10'38	3♍43	21°15	18°34	2°13	13°33	17°25	13° 1	28°23	26° 6	11°34	9°59	17°28	26°52	F 25
S 26	22 47 53	10° 9'04	18°56	22°55	19° 3	2°52	13°44	17°32	12°59	28°22	26° 5	11°31	9°56	17°35	26°49	S 26
S 27	22 51 49	11° 7'33	4♎ 8	24°35	19°31	3°32	13°56	17°39	12°57	28°22	26° 4	11°27	9°53	17°41	26°46	S 27
M28	22 55 46	12° 6'03	19° 8	26°13	19°57	4°11	14° 8	17°47	12°55	28°22	26° 2	11°23	9°50	17°48	26°43	M28
T 29	22 59 43	13° 4'35	3♏48	27°50	20°21	4°51	14°20	17°54	12°53	28°22	26° 1	11°19	9°47	17°55	26°41	T 29
W30	23 3 39	14° 3'09	18° 2	29°26	20°43	5°30	14°32	18° 1	12°51	28°22	26° 0	11°15	9°43	18° 1	26°38	W30
T 31	23 7 36	15♍ 1'45	1♐49	1♎ 1	21♎ 4	6♎10	14♎44	18♌ 8	12♒49	28♐22	25♓59	11♌13	9♌40	18♓ 8	26♒35	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	16n 7	4s47	5n 3	20n10	1n21	2s20	1s56	6n 0	0n47	2s33	1n11	17n32	1n 1	17s24	0s44	22s28	1n 4	16s49	16s51	17n20	17n28	8s38	6s25	6n 9	T 1
W 2	15 49	9 22	5 17	19 46	1 27	2 47	2 3	5 44	0 47	2 37	1 11	17 30	1 1	17 25	0 44	22 28	1 3	16 49	16 52	17 20	17 28	8 36	6 26	6 9	W 2
T 3	15 32	13 20	5 12	19 19	1 33	3 15	2 11	5 29	0 46	2 42	1 11	17 28	1 1	17 25	0 44	22 28	1 3	16 50	16 52	17 20	17 29	8 34	6 27	6 9	T 3
F 4	15 14	16 31	4 51	18 50	1 37	3 42	2 19	5 13	0 46	2 46	1 10	17 26	1 1	17 26	0 44	22 28	1 3	16 50	16 52	17 20	17 30	8 32	6 28	6 9	F 4
S 5	14 56	18 47	4 15	18 19	1 40	4 10	2 26	4 58	0 45	2 50	1 10	17 24	1 1	17 27	0 44	22 28	1 3	16 51	16 52	17 20	17 31	8 30	6 29	6 9	S 5
S 6	14 37	20 4	3 27	17 46	1 43	4 37	2 34	4 42	0 44	2 54	1 10	17 21	1 1	17 27	0 44	22 28	1 3	16 52	16 53	17 20	17 32	8 28	6 30	6 9	S 6
M 7	14 19	20 20	2 30	17 11	1 45	5 3	2 42	4 26	0 44	2 58	1 10	17 19	1 1	17 28	0 44	22 28	1 3	16 52	16 53	17 20	17 33	8 26	6 31	6 9	M 7
T 8	14 0	19 37	1 27	16 34	1 46	5 30	2 50	4 11	0 43	3 3	1 10	17 17	1 1	17 29	0 44	22 28	1 3	16 53	16 53	17 19	17 34	8 24	6 32	6 9	T 8
W 9	13 41	18 0	0 21	15 56	1 46	5 56	2 58	3 55	0 43	3 7	1 10	17 15	1 1	17 29	0 43	22 28	1 3	16 53	16 53	17 19	17 35	8 23	6 33	6 9	W 9
T 10	13 21	15 36	0s45	15 17	1 46	6 22	3 6	3 39	0 42	3 11	1 9	17 13	1 1	17 30	0 43	22 28	1 3	16 54	16 54	17 19	17 35	8 21	6 34	6 9	T 10
F 11	13 2	12 33	1 49	14 37	1 45	6 48	3 14	3 23	0 42	3 16	1 9	17 10	1 2	17 31	0 43	22 28	1 3	16 54	16 54	17 20	17 36	8 19	6 35	6 9	F 11
S 12	12 42	9 1	2 48	13 55	1 44	7 13	3 23	3 7	0 41	3 20	1 9	17 8	1 2	17 31	0 43	22 28	1 3	16 55	16 54	17 20	17 37	8 17	6 36	6 9	S 12
S 13	12 22	5 9	3 39	13 13	1 42	7 39	3 31	2 51	0 41	3 25	1 9	17 6	1 2	17 32	0 43	22 28	1 3	16 56	16 54	17 21	17 38	8 15	6 37	6 9	S 13
M14	12 2	1 4	4 21	12 30	1 39	8 3	3 39	2 35	0 40	3 29	1 9	17 4	1 2	17 33	0 43	22 28	1 3	16 56	16 54	17 21	17 39	8 13	6 38	6 9	M14
T 15	11 42	3n 3	4 52	11 46	1 36	8 28	3 48	2 19	0 39	3 34	1 9	17 2	1 2	17 33	0 43	22 28	1 3	16 57	16 55	17 22	17 40	8 11	6 40	6 9	T 15
W16	11 21	7 6	5 10	11 2	1 33	8 52	3 56	2 3	0 39	3 38	1 9	17 0	1 2	17 34	0 43	22 28	1 3	16 57	16 55	17 23	17 41	8 9	6 41	6 9	W16
T 17	11 1	10 56	5 15	10 17	1 29	9 16	4 5	1 47	0 38	3 43	1 8	16 57	1 2	17 35	0 43	22 28	1 3	16 58	16 55	17 23	17 42	8 7	6 42	6 8	T 17
F 18	10 40	14 21	5 6	9 31	1 24	9 39	4 14	1 31	0 38	3 47	1 8	16 55	1 2	17 35	0 43	22 28	1 3	16 58	16 55	17 24	17 42	8 5	6 43	6 8	F 18
S 19	10 19	17 12	4 41	8 46	1 20	10 2	4 22	1 15	0 37	3 52	1 8	16 53	1 2	17 36	0 43	22 28	1 3	16 59	16 55	17 24	17 43	8 3	6 44	6 8	S 19
S 20	9 58	19 16	4 1	8 0	1 15	10 24	4 31	0 59	0 37	3 56	1 8	16 51	1 2	17 37	0 43	22 28	1 3	17 0	16 55	17 23	17 44	8 1	6 45	6 8	S 20
M21	9 36	20 19	3 6	7 14	1 9	10 46	4 40	0 43	0 36	4 1	1 8	16 49	1 3	17 37	0 43	22 28	1 3	17 0	16 55	17 23	17 45	7 59	6 46	6 8	M21
T 22	9 15	20 9	1 59	6 28	1 4	11 8	4 49	0 27	0 35	4 6	1 8	16 47	1 3	17 38	0 43	22 28	1 3	17 1	16 56	17 23	17 46	7 57	6 47	6 8	T 22
W23	8 53	18 41	0 43	5 43	0 58	11 29	4 57	0 10	0 35	4 10	1 8	16 45	1 3	17 38	0 43	22 28	1 3	17 1	16 56	17 22	17 47	7 55	6 48	6 8	W23
T 24	8 31	15 55	0n39	4 57	0 52	11 49	5 6	0s 6	0 34	4 15	1 8	16 42	1 3	17 39	0 43	22 28	1 3	17 2	16 56	17 22	17 48	7 53	6 49	6 8	T 24
F 25	8 9	12 1	1 59	4 11	0 46	12 9	5 15	0 22	0 34	4 20	1 7	16 40	1 3	17 40	0 43	22 28	1 3	17 2	16 56	17 23	17 48	7 51	6 50	6 8	F 25
S 26	7 47	7 19	3 11	3 25	0 39	12 28	5 24	0 38	0 33	4 24	1 7	16 38	1 3	17 40	0 43	22 28	1 3	17 3	16 56	17 23	17 49	7 49	6 51	6 7	S 26
S 27	7 25	2 10	4 9	2 39	0 32	12 47	5 33	0 55	0 33	4 29	1 7	16 36	1 3	17 41	0 43	22 28	1 2	17 4	16 56	17 24	17 50	7 47	6 52	6 7	S 27
M28	7 3	3s 3	4 50	1 54	0 26	13 5	5 41	1 11	0 32	4 34	1 7	16 34	1 3	17 41	0 43	22 28	1 2	17 4	16 56	17 26	17 51	7 45	6 54	6 7	M28
T 29	6 40	7 58	5 10	1 9	0 19	13 22	5 50	1 27	0 31	4 39	1 7	16 32	1 4	17 42	0 43	22 29	1 2	17 5	16 56	17 27	17 52	7 43	6 55	6 7	T 29
W30	6 18	12 18	5 11	0 24	0 11	13 39	5 59	1 43	0 31	4 43	1 7	16 30	1 4	17 42	0 43	22 29	1 2	17 5	16 57	17 28	17 53	7 41	6 56	6 7	W30
T 31	5n55	15s49	4n53	0s21	0n 4	13s55	6s 7	2s 0	0n30	4s48	1n 7	16n28	1n 4	17s43	0s43	22s29	1n 2	17s 6	16s57	17n28	17n54	7s39	6s57	6n 7	T 31

Julian Day Number = 2206687.5, Delta T = 09m39s
Ecliptic obliquity = 23°31'29, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°23'23, Lahiri = 14°30'23 Julian Calendar 1 Aug. 1329 == Greg. Calendar 9 Aug. 1329

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ASTRODIENST EPHEMERIS for the year 1329
geocentric

SEPTEMBER 1329 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	23 11 32	16♍ 0'22	15♐ 9	2♎35	21♎23	6♎50	14♎57	18♌15	12°R48	28°R22	25°R58	11°D12	9♌37	18♓15	26°R32	F 1
S 2	23 15 29	16°59'01	28° 5	4° 8	21°40	7°29	15° 9	18°22	12♒46	28°D22	25♓57	11♌13	9°34	18°21	26♒30	S 2
S 3	23 19 25	17°57'42	10♑39	5°40	21°56	8° 9	15°21	18°29	12°44	28♐22	25°55	11°14	9°31	18°28	26°27	S 3
M 4	23 23 22	18°56'24	22°57	7°11	22° 9	8°49	15°33	18°36	12°42	28°22	25°54	11°16	9°28	18°35	26°24	M 4
T 5	23 27 18	19°55'08	5♒ 2	8°41	22°20	9°29	15°46	18°43	12°40	28°22	25°53	11°17	9°24	18°41	26°22	T 5
W 6	23 31 15	20°53'54	16°59	10°10	22°29	10° 9	15°58	18°50	12°39	28°22	25°52	11°R17	9°21	18°48	26°19	W 6
T 7	23 35 12	21°52'42	28°50	11°38	22°36	10°49	16°10	18°57	12°37	28°22	25°51	11°15	9°18	18°55	26°16	T 7
F 8	23 39 8	22°51'32	10♓40	13° 5	22°40	11°29	16°23	19° 4	12°35	28°22	25°49	11°12	9°15	19° 1	26°14	F 8
S 9	23 43 5	23°50'24	22°29	14°31	22°R42	12° 9	16°35	19°11	12°34	28°22	25°48	11° 6	9°12	19° 8	26°11	S 9
S 10	23 47 1	24°49'17	4♈21	15°56	22°42	12°49	16°48	19°17	12°32	28°23	25°47	10°59	9° 8	19°15	26° 9	S 10
M11	23 50 58	25°48'13	16°16	17°20	22°40	13°30	17° 1	19°24	12°30	28°23	25°46	10°50	9° 5	19°21	26° 6	M11
T 12	23 54 54	26°47'11	28°17	18°42	22°35	14°10	17°13	19°31	12°29	28°23	25°45	10°41	9° 2	19°28	26° 4	T 12
W13	23 58 51	27°46'11	10♉24	20° 4	22°28	14°50	17°26	19°37	12°27	28°24	25°44	10°33	8°59	19°35	26° 2	W13
T 14	0 2 47	28°45'13	22°42	21°24	22°18	15°31	17°38	19°44	12°26	28°24	25°42	10°26	8°56	19°41	25°59	T 14
F 15	0 6 44	29°44'18	5♊11	22°43	22° 6	16°11	17°51	19°50	12°25	28°24	25°41	10°21	8°53	19°48	25°57	F 15
S 16	0 10 41	0♎43'25	17°56	24° 1	21°52	16°51	18° 4	19°57	12°23	28°25	25°40	10°18	8°49	19°55	25°55	S 16
S 17	0 14 37	1°42'35	0♋58	25°18	21°35	17°32	18°17	20° 3	12°22	28°25	25°39	10°D17	8°46	20° 1	25°53	S 17
M18	0 18 34	2°41'47	14°22	26°33	21°16	18°13	18°30	20°10	12°21	28°26	25°38	10°18	8°43	20° 8	25°50	M18
T 19	0 22 30	3°41'01	28°10	27°46	20°55	18°53	18°42	20°16	12°20	28°26	25°36	10°19	8°40	20°15	25°48	T 19
W20	0 26 27	4°40'17	12♌23	28°58	20°31	19°34	18°55	20°22	12°18	28°27	25°35	10°R19	8°37	20°21	25°46	W20
T 21	0 30 23	5°39'36	27° 0	0♏ 9	20° 6	20°15	19° 8	20°28	12°17	28°28	25°34	10°18	8°34	20°28	25°44	T 21
F 22	0 34 20	6°38'57	11♍58	1°17	19°39	20°55	19°21	20°34	12°16	28°28	25°33	10°15	8°30	20°35	25°42	F 22
S 23	0 38 16	7°38'21	27° 8	2°24	19° 9	21°36	19°34	20°40	12°15	28°29	25°32	10° 9	8°27	20°42	25°40	S 23
S 24	0 42 13	8°37'46	12♎22	3°28	18°39	22°17	19°47	20°46	12°14	28°30	25°31	10° 1	8°24	20°48	25°38	S 24
M25	0 46 9	9°37'13	27°29	4°30	18° 7	22°58	20° 0	20°52	12°13	28°30	25°29	9°52	8°21	20°55	25°36	M25
T 26	0 50 6	10°36'43	12♏18	5°29	17°33	23°39	20°13	20°58	12°12	28°31	25°28	9°42	8°18	21° 2	25°34	T 26
W27	0 54 3	11°36'14	26°43	6°25	16°58	24°20	20°26	21° 4	12°11	28°32	25°27	9°34	8°14	21° 8	25°33	W27
T 28	0 57 59	12°35'48	10♐39	7°19	16°23	25° 1	20°39	21°10	12°10	28°33	25°26	9°28	8°11	21°15	25°31	T 28
F 29	1 1 56	13°35'23	24° 5	8° 9	15°47	25°42	20°52	21°15	12°10	28°34	25°25	9°24	8° 8	21°22	25°29	F 29
S 30	1 5 52	14♎35'00	7♑ 3	8♏55	15♎10	26♎24	21♎ 5	21♌21	12♒ 9	28♐34	25♓24	9♌22	8♌ 5	21♓28	25♒27	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	5n32	18s24	4n20	1s 5	0s 3	14s10	6s16	2s16	0n30	4s53	1n 7	16n25	1n 4	17s43	0s43	22s29	1n 2	17s 6	16s57	17n29	17n54	7s37	6s58	6n 7
S 2	5 9	19 57	3 34	1 49	0 10	14 24	6 24	2 32	0 29	4 58	1 7	16 23	1 4	17 44	0 43	22 29	1 2	17 7	16 57	17 28	17 55	7 35	6 59	6 6
S 3	4 47	20 27	2 39	2 32	0 18	14 38	6 32	2 49	0 28	5 3	1 6	16 21	1 4	17 44	0 43	22 29	1 2	17 7	16 57	17 28	17 56	7 33	7 0	6 6
M 4	4 23	19 57	1 38	3 15	0 25	14 50	6 40	3 5	0 28	5 7	1 6	16 19	1 4	17 45	0 43	22 29	1 2	17 8	16 57	17 28	17 57	7 31	7 1	6 6
T 5	4 0	18 32	0 34	3 58	0 33	15 1	6 48	3 21	0 27	5 12	1 6	16 17	1 4	17 45	0 43	22 29	1 2	17 8	16 57	17 27	17 58	7 29	7 2	6 6
W 6	3 37	16 18	0s31	4 40	0 41	15 12	6 56	3 37	0 27	5 17	1 6	16 15	1 5	17 46	0 43	22 29	1 2	17 9	16 57	17 27	17 59	7 27	7 3	6 6
T 7	3 14	13 23	1 34	5 21	0 48	15 21	7 3	3 54	0 26	5 22	1 6	16 13	1 5	17 46	0 43	22 29	1 2	17 9	16 57	17 28	17 59	7 25	7 4	6 5
F 8	2 51	9 57	2 33	6 2	0 56	15 30	7 11	4 10	0 26	5 27	1 6	16 11	1 5	17 47	0 43	22 29	1 2	17 10	16 57	17 29	18 0	7 23	7 5	6 5
S 9	2 27	6 7	3 25	6 43	1 3	15 37	7 17	4 26	0 25	5 32	1 6	16 9	1 5	17 47	0 43	22 29	1 2	17 10	16 57	17 30	18 1	7 21	7 6	6 5
S 10	2 4	2 3	4 8	7 23	1 11	15 43	7 24	4 42	0 24	5 37	1 6	16 7	1 5	17 48	0 43	22 29	1 2	17 11	16 57	17 32	18 2	7 19	7 7	6 5
M11	1 40	2n 6	4 40	8 2	1 18	15 48	7 30	4 59	0 24	5 42	1 6	16 5	1 5	17 48	0 43	22 29	1 2	17 11	16 57	17 35	18 3	7 17	7 8	6 4
T 12	1 17	6 13	5 0	8 40	1 26	15 51	7 36	5 15	0 23	5 47	1 6	16 3	1 5	17 48	0 43	22 29	1 2	17 12	16 57	17 37	18 4	7 15	7 10	6 4
W13	0 53	10 7	5 8	9 18	1 33	15 53	7 41	5 31	0 23	5 51	1 6	16 1	1 6	17 49	0 43	22 29	1 2	17 12	16 57	17 39	18 5	7 13	7 11	6 4
T 14	0 30	13 40	5 1	9 55	1 40	15 54	7 46	5 47	0 22	5 56	1 5	15 59	1 6	17 49	0 43	22 29	1 2	17 13	16 57	17 41	18 5	7 11	7 12	6 4
F 15	0 6	16 39	4 39	10 32	1 47	15 54	7 51	6 3	0 21	6 1	1 5	15 57	1 6	17 50	0 43	22 29	1 2	17 13	16 57	17 43	18 6	7 9	7 13	6 3
S 16	0s17	18 55	4 4	11 7	1 54	15 52	7 54	6 20	0 21	6 6	1 5	15 56	1 6	17 50	0 43	22 29	1 2	17 14	16 57	17 43	18 7	7 7	7 14	6 3
S 17	0 41	20 16	3 15	11 42	2 1	15 48	7 57	6 36	0 20	6 11	1 5	15 54	1 6	17 50	0 43	22 29	1 2	17 14	16 57	17 44	18 8	7 5	7 15	6 3
M18	1 5	20 31	2 15	12 16	2 8	15 43	8 0	6 52	0 20	6 16	1 5	15 52	1 6	17 51	0 43	22 29	1 1	17 15	16 57	17 43	18 9	7 3	7 16	6 3
T 19	1 28	19 33	1 5	12 49	2 15	15 37	8 2	7 8	0 19	6 21	1 5	15 50	1 6	17 51	0 43	22 29	1 1	17 15	16 57	17 43	18 10	7 1	7 17	6 2
W20	1 52	17 19	0n11	13 21	2 21	15 29	8 3	7 24	0 18	6 26	1 5	15 48	1 7	17 51	0 43	22 30	1 1	17 15	16 57	17 43	18 10	6 59	7 17	6 2
T 21	2 15	13 56	1 28	13 51	2 27	15 19	8 3	7 40	0 18	6 31	1 5	15 46	1 7	17 52	0 43	22 30	1 1	17 16	16 57	17 43	18 11	6 57	7 18	6 2
F 22	2 39	9 35	2 41	14 21	2 33	15 8	8 3	7 56	0 17	6 36	1 5	15 44	1 7	17 52	0 43	22 30	1 1	17 16	16 57	17 44	18 12	6 55	7 19	6 1
S 23	3 2	4 33	3 43	14 50	2 39	14 56	8 1	8 12	0 17	6 41	1 5	15 43	1 7	17 52	0 43	22 30	1 1	17 17	16 57	17 46	18 13	6 53	7 20	6 1
S 24	3 26	0s46	4 30	15 17	2 44	14 42	7 59	8 27	0 16	6 46	1 5	15 41	1 7	17 52	0 43	22 30	1 1	17 17	16 57	17 48	18 14	6 51	7 21	6 1
M25	3 49	5 59	4 57	15 43	2 49	14 27	7 56	8 43	0 16	6 51	1 5	15 39	1 7	17 53	0 43	22 30	1 1	17 17	16 57	17 50	18 15	6 49	7 22	6 1
T 26	4 13	10 45	5 4	16 7	2 53	14 10	7 52	8 59	0 15	6 56	1 5	15 37	1 8	17 53	0 43	22 30	1 1	17 18	16 56	17 53	18 15	6 47	7 23	6 0
W27	4 36	14 46	4 51	16 30	2 57	13 53	7 48	9 15	0 14	7 1	1 5	15 36	1 8	17 53	0 43	22 30	1 1	17 18	16 56	17 55	18 16	6 45	7 24	6 0
T 28	5 0	17 49	4 21	16 51	3 1	13 34	7 42	9 30	0 14	7 6	1 5	15 34	1 8	17 53	0 43	22 30	1 1	17 19	16 56	17 57	18 17	6 43	7 25	6 0
F 29	5 23	19 47	3 37	17 11	3 4	13 13	7 36	9 46	0 13	7 11	1 5	15 32	1 8	17 53	0 43	22 30	1 1	17 19	16 56	17 58	18 18	6 41	7 26	5 59
S 30	5s46	20s37	2n43	17s28	3s 7	12s52	7s28	10s 2	0n13	7s16	1n 4	15n31	1n 8	17s54	0s43	22s30	1n 1	17s19	16s56	17n58	18n19	6s39	7s27	5n59

Julian Day Number = 2206718.5, Delta T = 09m39s
Ecliptic obliquity = 23°31'29, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°23'27, Lahiri = 14°30'27 Julian Calendar 1 Sept. 1329 == Greg. Calendar 9 Sept. 1329

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ASTRODIENST EPHEMERIS for the year 1329
geocentric

OCTOBER 1329 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	1 9 49	15♎34'38	19♉37	9♏37	14°R34	27♎ 5	21♎18	21♌26	12°R 8	28♐35	25°R23	9°D22	8♌ 2	21♓35	25°R26	S 1
M 2	1 13 45	16°34'19	1♒52	10°14	13♎57	27°46	21°31	21°32	12♒ 8	28°36	25♓22	9♌22	7°59	21°42	25♒24	M 2
T 3	1 17 42	17°34'01	13°53	10°47	13°21	28°28	21°44	21°37	12° 7	28°37	25°21	9°R22	7°55	21°48	25°23	T 3
W 4	1 21 38	18°33'44	25°46	11°14	12°45	29° 9	21°57	21°43	12° 7	28°38	25°19	9°21	7°52	21°55	25°21	W 4
T 5	1 25 35	19°33'30	7♓35	11°34	12°10	29°50	22°11	21°48	12° 6	28°39	25°18	9°17	7°49	22° 2	25°20	T 5
F 6	1 29 32	20°33'18	19°23	11°48	11°37	0♏32	22°24	21°53	12° 6	28°41	25°17	9°11	7°46	22° 8	25°19	F 6
S 7	1 33 28	21°33'07	1♈15	11°R55	11° 4	1°14	22°37	21°58	12° 5	28°42	25°16	9° 2	7°43	22°15	25°17	S 7
S 8	1 37 25	22°32'58	13°12	11°54	10°33	1°55	22°50	22° 3	12° 5	28°43	25°15	8°50	7°40	22°22	25°16	S 8
M 9	1 41 21	23°32'51	25°15	11°45	10° 4	2°37	23° 3	22° 8	12° 5	28°44	25°14	8°37	7°36	22°28	25°15	M 9
T 10	1 45 18	24°32'46	7♉27	11°27	9°36	3°19	23°16	22°13	12° 4	28°45	25°13	8°23	7°33	22°35	25°14	T 10
W11	1 49 14	25°32'43	19°47	11° 0	9°10	4° 0	23°29	22°18	12° 4	28°46	25°12	8°10	7°30	22°42	25°13	W11
T 12	1 53 11	26°32'42	2♊16	10°23	8°47	4°42	23°42	22°22	12° 4	28°48	25°11	7°58	7°27	22°48	25°12	T 12
F 13	1 57 7	27°32'44	14°56	9°37	8°26	5°24	23°55	22°27	12° 4	28°49	25°10	7°49	7°24	22°55	25°11	F 13
S 14	2 1 4	28°32'47	27°48	8°42	8° 7	6° 6	24° 9	22°32	12°D 4	28°50	25° 9	7°43	7°20	23° 2	25°10	S 14
S 15	2 5 1	29°32'53	10♋53	7°39	7°50	6°48	24°22	22°36	12° 4	28°52	25° 8	7°40	7°17	23° 9	25° 9	S 15
M16	2 8 57	0♏33'01	24°14	6°30	7°36	7°30	24°35	22°40	12° 4	28°53	25° 7	7°39	7°14	23°15	25° 8	M16
T 17	2 12 54	1°33'10	7♌54	5°15	7°24	8°12	24°48	22°45	12° 4	28°54	25° 6	7°39	7°11	23°22	25° 8	T 17
W18	2 16 50	2°33'22	21°53	3°57	7°15	8°54	25° 1	22°49	12° 4	28°56	25° 5	7°39	7° 8	23°29	25° 7	W18
T 19	2 20 47	3°33'37	6♍13	2°38	7° 8	9°37	25°14	22°53	12° 4	28°57	25° 5	7°37	7° 5	23°35	25° 7	T 19
F 20	2 24 43	4°33'53	20°51	1°21	7° 4	10°19	25°27	22°57	12° 5	28°59	25° 4	7°32	7° 1	23°42	25° 6	F 20
S 21	2 28 40	5°34'11	5♎42	0° 8	7°D 2	11° 1	25°40	23° 1	12° 5	29° 0	25° 3	7°25	6°58	23°49	25° 6	S 21
S 22	2 32 36	6°34'31	20°41	29♎ 1	7° 3	11°43	25°53	23° 5	12° 5	29° 2	25° 2	7°14	6°55	23°55	25° 5	S 22
M23	2 36 33	7°34'53	5♏37	28° 4	7° 6	12°26	26° 6	23° 9	12° 6	29° 3	25° 1	7° 3	6°52	24° 2	25° 5	M23
T 24	2 40 30	8°35'17	20°21	27°16	7°11	13° 8	26°19	23°12	12° 6	29° 5	25° 0	6°51	6°49	24° 9	25° 5	T 24
W25	2 44 26	9°35'42	4♐45	26°39	7°19	13°51	26°32	23°16	12° 7	29° 7	25° 0	6°39	6°45	24°15	25° 4	W25
T 26	2 48 23	10°36'09	18°43	26°14	7°29	14°33	26°45	23°19	12° 7	29° 8	24°59	6°30	6°42	24°22	25° 4	T 26
F 27	2 52 19	11°36'38	2♑14	26° 0	7°41	15°16	26°58	23°23	12° 8	29°10	24°58	6°24	6°39	24°29	25° 4	F 27
S 28	2 56 16	12°37'07	15°16	25°D58	7°55	15°59	27°11	23°26	12° 9	29°12	24°57	6°21	6°36	24°35	25°D 4	S 28
S 29	3 0 12	13°37'39	27°54	26° 7	8°11	16°42	27°24	23°29	12°10	29°13	24°57	6°19	6°33	24°42	25° 4	S 29
M30	3 4 9	14°38'11	10♒12	26°26	8°29	17°24	27°37	23°32	12°10	29°15	24°56	6°19	6°30	24°49	25° 4	M30
T 31	3 8 5	15♏38'45	22♒14	26♎54	8♎50	18♏ 7	27♎50	23♌35	12♒11	29♐17	24♓55	6♌19	6♌26	24♓56	25♒ 4	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	6s 9	20s23	1n43	17s44	3s 9	12s30	7s20	10s17	0n12	7s21	1n 4	15n29	1n 8	17s54	0s43	22s30	1n 1	17s20	16s56	17n59	18n19	6s37	7s27	5n59
M 2	6 32	19 10	0 40	17 57	3 10	12 8	7 11	10 33	0 11	7 25	1 4	15 28	1 9	17 54	0 42	22 30	1 1	17 20	16 56	17 58	18 20	6 34	7 28	5 58
T 3	6 55	17 6	0s24	18 7	3 10	11 44	7 1	10 48	0 11	7 30	1 4	15 26	1 9	17 54	0 42	22 30	1 1	17 20	16 56	17 58	18 21	6 32	7 29	5 58
W 4	7 18	14 20	1 26	18 15	3 10	11 21	6 50	11 3	0 10	7 35	1 4	15 24	1 9	17 54	0 42	22 30	1 1	17 20	16 56	17 59	18 22	6 30	7 30	5 58
T 5	7 41	10 59	2 24	18 20	3 8	10 57	6 39	11 18	0 10	7 40	1 4	15 23	1 9	17 54	0 42	22 30	1 1	17 21	16 55	18 0	18 23	6 28	7 31	5 57
F 6	8 3	7 13	3 16	18 22	3 6	10 32	6 27	11 34	0 9	7 45	1 4	15 21	1 9	17 54	0 42	22 30	1 1	17 21	16 55	18 1	18 24	6 26	7 31	5 57
S 7	8 26	3 9	3 59	18 21	3 2	10 8	6 15	11 49	0 8	7 50	1 4	15 20	1 9	17 54	0 42	22 30	1 1	17 21	16 55	18 4	18 24	6 24	7 32	5 57
S 8	8 48	1n 4	4 32	18 16	2 57	9 44	6 2	12 4	0 8	7 55	1 4	15 18	1 10	17 55	0 42	22 30	1 1	17 22	16 55	18 7	18 25	6 22	7 33	5 56
M 9	9 11	5 16	4 53	18 6	2 50	9 20	5 48	12 19	0 7	8 0	1 4	15 17	1 10	17 55	0 42	22 31	1 1	17 22	16 55	18 10	18 26	6 20	7 34	5 56
T 10	9 33	9 18	5 0	17 53	2 42	8 56	5 35	12 34	0 6	8 5	1 4	15 16	1 10	17 55	0 42	22 31	1 1	17 22	16 55	18 14	18 27	6 18	7 34	5 55
W11	9 55	13 1	4 54	17 35	2 32	8 33	5 21	12 48	0 6	8 10	1 4	15 14	1 10	17 55	0 42	22 31	1 1	17 22	16 54	18 17	18 28	6 16	7 35	5 55
T 12	10 17	16 12	4 34	17 12	2 20	8 11	5 6	13 3	0 5	8 15	1 4	15 13	1 10	17 55	0 42	22 31	1 0	17 23	16 54	18 20	18 28	6 14	7 36	5 55
F 13	10 38	18 41	4 1	16 45	2 7	7 49	4 52	13 18	0 5	8 19	1 4	15 11	1 11	17 55	0 42	22 31	1 0	17 23	16 54	18 23	18 29	6 12	7 36	5 54
S 14	11 0	20 16	3 14	16 13	1 52	7 28	4 37	13 32	0 4	8 24	1 4	15 10	1 11	17 55	0 42	22 31	1 0	17 23	16 54	18 24	18 30	6 10	7 37	5 54
S 15	11 21	20 49	2 16	15 37	1 35	7 8	4 22	13 47	0 3	8 29	1 4	15 9	1 11	17 55	0 42	22 31	1 0	17 23	16 54	18 25	18 31	6 7	7 38	5 54
M16	11 42	20 11	1 10	14 56	1 17	6 48	4 7	14 1	0 3	8 34	1 4	15 8	1 11	17 55	0 42	22 31	1 0	17 23	16 53	18 25	18 32	6 5	7 38	5 53
T 17	12 3	18 23	0n 1	14 13	0 57	6 30	3 52	14 15	0 2	8 39	1 4	15 6	1 11	17 54	0 42	22 31	1 0	17 24	16 53	18 25	18 33	6 3	7 39	5 53
W18	12 24	15 26	1 15	13 28	0 37	6 13	3 38	14 29	0 2	8 43	1 4	15 5	1 12	17 54	0 42	22 31	1 0	17 24	16 53	18 25	18 33	6 1	7 39	5 52
T 19	12 45	11 30	2 25	12 41	0 17	5 57	3 23	14 44	0 1	8 48	1 4	15 4	1 12	17 54	0 42	22 31	1 0	17 24	16 53	18 26	18 34	5 59	7 40	5 52
F 20	13 5	6 49	3 27	11 55	0n 4	5 42	3 8	14 58	0 0	8 53	1 4	15 3	1 12	17 54	0 42	22 31	1 0	17 24	16 53	18 27	18 35	5 57	7 40	5 52
S 21	13 26	1 38	4 16	11 11	0 24	5 28	2 54	15 11	0s 0	8 58	1 4	15 2	1 12	17 54	0 42	22 31	1 0	17 24	16 52	18 29	18 36	5 55	7 41	5 51
S 22	13 46	3s39	4 48	10 29	0 44	5 15	2 40	15 25	0 1	9 3	1 4	15 1	1 12	17 54	0 42	22 31	1 0	17 24	16 52	18 32	18 37	5 53	7 41	5 51
M23	14 5	8 43	5 0	9 52	1 2	5 3	2 26	15 39	0 1	9 7	1 4	15 0	1 13	17 54	0 42	22 31	1 0	17 24	16 52	18 35	18 37	5 51	7 42	5 51
T 24	14 25	13 12	4 52	9 19	1 18	4 53	2 12	15 52	0 2	9 12	1 4	14 59	1 13	17 54	0 42	22 31	1 0	17 24	16 52	18 38	18 38	5 49	7 42	5 50
W25	14 44	16 49	4 25	8 53	1 32	4 44	1 59	16 6	0 3	9 17	1 4	14 58	1 13	17 53	0 42	22 31	1 0	17 25	16 51	18 41	18 39	5 46	7 43	5 50
T 26	15 3	19 20	3 43	8 32	1 45	4 35	1 45	16 19	0 3	9 21	1 4	14 57	1 13	17 53	0 42	22 31	1 0	17 25	16 51	18 43	18 40	5 44	7 43	5 49
F 27	15 22	20 41	2 50	8 17	1 56	4 28	1 33	16 32	0 4	9 26	1 4	14 56	1 13	17 53	0 42	22 31	1 0	17 25	16 51	18 44	18 41	5 42	7 44	5 49
S 28	15 41	20 51	1 49	8 8	2 5	4 22	1 20	16 45	0 4	9 31	1 4	14 55	1 14	17 53	0 42	22 31	1 0	17 25	16 51	18 45	18 41	5 40	7 44	5 49
S 29	15 59	19 56	0 44	8 4	2 12	4 18	1 8	16 58	0 5	9 35	1 4	14 54	1 14	17 53	0 42	22 31	1 0	17 25	16 50	18 46	18 42	5 38	7 44	5 48
M30	16 17	18 5	0s21	8 6	2 17	4 14	0 56	17 11	0 6	9 40	1 4	14 53	1 14	17 52	0 42	22 32	1 0	17 25	16 50	18 46	18 43	5 36	7 45	5 48
T 31	16s35	15s28	1s23	8s13	2n21	4s11	0s44	17s23	0s 6	9s44	1n 4	14n52	1n14	17s52	0s42	22s32	1n 0	17s25	16s50	18n46	18n44	5s34	7s45	5n47

Julian Day Number = 2206748.5, Delta T = 09m39s
Ecliptic obliquity = 23°31'29, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°23'31, Lahiri = 14°30'31 Julian Calendar 1 Oct. 1329 == Greg. Calendar 9 Oct. 1329

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ASTRODIENST EPHEMERIS for the year 1329
geocentric

NOVEMBER 1329 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	3 12 2	16♏39'20	4♓ 7	27♎31	9♎12	18♏50	28♎ 2	23♌38	12♒12	29♐19	24°R54	6°R18	6♌23	25♓ 2	25♒ 4	W 1
T 2	3 15 59	17°39'56	15°56	28°16	9°36	19°33	28°15	23°41	12°13	29°20	24♓54	6♌15	6°20	25° 9	25° 5	T 2
F 3	3 19 55	18°40'34	27°46	29° 7	10° 2	20°16	28°28	23°43	12°14	29°22	24°53	6° 9	6°17	25°16	25° 5	F 3
S 4	3 23 52	19°41'12	9♈41	0♏ 5	10°29	20°59	28°41	23°46	12°15	29°24	24°53	6° 0	6°14	25°22	25° 5	S 4
S 5	3 27 48	20°41'52	21°43	1° 7	10°58	21°42	28°53	23°48	12°16	29°26	24°52	5°49	6°11	25°29	25° 6	S 5
M 6	3 31 45	21°42'34	3♉56	2°14	11°29	22°25	29° 6	23°51	12°17	29°28	24°51	5°36	6° 7	25°36	25° 6	M 6
T 7	3 35 41	22°43'16	16°20	3°25	12° 1	23° 8	29°18	23°53	12°18	29°30	24°51	5°22	6° 4	25°42	25° 7	T 7
W 8	3 39 38	23°44'00	28°57	4°39	12°35	23°52	29°31	23°55	12°20	29°31	24°50	5° 9	6° 1	25°49	25° 8	W 8
T 9	3 43 34	24°44'46	11♊44	5°56	13°11	24°35	29°44	23°57	12°21	29°33	24°50	4°58	5°58	25°56	25° 8	T 9
F 10	3 47 31	25°45'33	24°43	7°15	13°47	25°18	29°56	23°59	12°22	29°35	24°49	4°49	5°55	26° 2	25° 9	F 10
S 11	3 51 28	26°46'21	7♋53	8°37	14°25	26° 2	0♏ 9	24° 1	12°24	29°37	24°49	4°43	5°51	26° 9	25°10	S 11
S 12	3 55 24	27°47'10	21°13	10° 0	15° 4	26°45	0°21	24° 3	12°25	29°39	24°48	4°40	5°48	26°16	25°11	S 12
M13	3 59 21	28°48'01	4♌44	11°25	15°45	27°29	0°33	24° 4	12°27	29°41	24°48	4°D40	5°45	26°23	25°12	M13
T 14	4 3 17	29°48'54	18°27	12°51	16°27	28°12	0°46	24° 6	12°28	29°43	24°48	4°40	5°42	26°29	25°13	T 14
W15	4 7 14	0♐49'48	2♍22	14°18	17° 9	28°56	0°58	24° 7	12°30	29°45	24°47	4°R40	5°39	26°36	25°14	W15
T 16	4 11 10	1°50'43	16°29	15°46	17°53	29°40	1°10	24° 8	12°31	29°47	24°47	4°39	5°36	26°43	25°15	T 16
F 17	4 15 7	2°51'40	0♎47	17°14	18°38	0♑23	1°22	24°10	12°33	29°50	24°46	4°36	5°32	26°49	25°16	F 17
S 18	4 19 3	3°52'37	15°14	18°44	19°24	1° 7	1°34	24°11	12°35	29°52	24°46	4°31	5°29	26°56	25°17	S 18
S 19	4 23 0	4°53'37	29°46	20°13	20°11	1°51	1°46	24°12	12°36	29°54	24°46	4°23	5°26	27° 3	25°18	S 19
M20	4 26 57	5°54'37	14♏17	21°44	20°59	2°35	1°58	24°12	12°38	29°56	24°46	4°13	5°23	27° 9	25°20	M20
T 21	4 30 53	6°55'38	28°39	23°15	21°48	3°19	2°10	24°13	12°40	29°58	24°45	4° 3	5°20	27°16	25°21	T 21
W22	4 34 50	7°56'41	12♑47	24°46	22°38	4° 3	2°22	24°14	12°42	0♑ 0	24°45	3°54	5°17	27°23	25°23	W22
T 23	4 38 46	8°57'44	26°35	26°17	23°28	4°47	2°34	24°14	12°44	0° 2	24°45	3°47	5°13	27°29	25°24	T 23
F 24	4 42 43	9°58'48	10♑ 1	27°49	24°19	5°31	2°46	24°15	12°46	0° 4	24°45	3°41	5°10	27°36	25°26	F 24
S 25	4 46 39	10°59'53	23° 2	29°21	25°11	6°15	2°57	24°15	12°48	0° 7	24°45	3°39	5° 7	27°43	25°27	S 25
S 26	4 50 36	12° 0'58	5♒42	0♑53	26° 4	6°59	3° 9	24°15	12°50	0° 9	24°44	3°D38	5° 4	27°50	25°29	S 26
M27	4 54 32	13° 2'04	18° 2	2°25	26°57	7°43	3°21	24°R15	12°52	0°11	24°44	3°39	5° 1	27°56	25°31	M27
T 28	4 58 29	14° 3'10	0♓ 7	3°57	27°51	8°27	3°32	24°15	12°54	0°13	24°44	3°40	4°57	28° 3	25°33	T 28
W29	5 2 26	15° 4'17	12° 3	5°30	28°46	9°12	3°43	24°15	12°56	0°15	24°44	3°R41	4°54	28°10	25°34	W29
T 30	5 6 22	16♐ 5'23	23♓53	7♐ 2	29♎41	9♐56	3♏55	24♌15	12♒59	0♑18	24♓44	3♌41	4♌51	28♓16	25♒36	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	16s52	12s14	2s22	8s24	2n23	4s10	0s33	17s36	0s 7	9s49	1n 4	14n52	1n14	17s52	0s42	22s32	1n 0	17s25	16s49	18n46	18n45	5s32	7s45	5n47
T 2	17 10	8 32	3 13	8 39	2 24	4 9	0 22	17 48	0 8	9 54	1 4	14 51	1 15	17 51	0 42	22 32	1 0	17 25	16 49	18 47	18 45	5 29	7 46	5 47
F 3	17 27	4 31	3 57	8 57	2 24	4 9	0 11	18 0	0 8	9 58	1 4	14 50	1 15	17 51	0 41	22 32	1 0	17 25	16 49	18 48	18 46	5 27	7 46	5 46
S 4	17 43	0 18	4 30	9 19	2 23	4 11	0 1	18 12	0 9	10 3	1 4	14 50	1 15	17 51	0 41	22 32	1 0	17 25	16 49	18 50	18 47	5 25	7 46	5 46
S 5	17 59	3n59	4 52	9 42	2 21	4 13	0n 9	18 24	0 9	10 7	1 4	14 49	1 15	17 51	0 41	22 32	1 0	17 25	16 48	18 53	18 48	5 23	7 46	5 45
M 6	18 15	8 9	5 1	10 8	2 18	4 16	0 19	18 36	0 10	10 12	1 4	14 48	1 16	17 50	0 41	22 32	1 0	17 25	16 48	18 56	18 49	5 21	7 47	5 45
T 7	18 31	12 4	4 55	10 36	2 14	4 20	0 28	18 48	0 11	10 16	1 4	14 48	1 16	17 50	0 41	22 32	1 0	17 25	16 48	19 0	18 49	5 19	7 47	5 45
W 8	18 46	15 30	4 36	11 5	2 10	4 25	0 37	18 59	0 11	10 20	1 4	14 47	1 16	17 49	0 41	22 32	1 0	17 25	16 47	19 3	18 50	5 17	7 47	5 44
T 9	19 1	18 17	4 2	11 35	2 5	4 31	0 46	19 10	0 12	10 25	1 4	14 47	1 16	17 49	0 41	22 32	1 0	17 25	16 47	19 6	18 51	5 14	7 47	5 44
F 10	19 16	20 10	3 15	12 6	2 0	4 37	0 55	19 22	0 12	10 29	1 4	14 47	1 16	17 49	0 41	22 32	1 0	17 24	16 47	19 8	18 52	5 12	7 47	5 43
S 11	19 30	21 0	2 17	12 37	1 54	4 44	1 3	19 33	0 13	10 33	1 4	14 46	1 17	17 48	0 41	22 32	0 59	17 24	16 46	19 9	18 52	5 10	7 47	5 43
S 12	19 44	20 41	1 11	13 9	1 48	4 52	1 11	19 43	0 14	10 38	1 4	14 46	1 17	17 48	0 41	22 32	0 59	17 24	16 46	19 10	18 53	5 8	7 47	5 43
M13	19 58	19 9	0n 0	13 41	1 42	5 1	1 18	19 54	0 14	10 42	1 4	14 45	1 17	17 47	0 41	22 32	0 59	17 24	16 46	19 10	18 54	5 6	7 47	5 42
T 14	20 11	16 30	1 13	14 14	1 36	5 10	1 25	20 4	0 15	10 46	1 5	14 45	1 17	17 47	0 41	22 32	0 59	17 24	16 45	19 10	18 55	5 4	7 48	5 42
W15	20 24	12 53	2 22	14 46	1 29	5 20	1 32	20 15	0 15	10 51	1 5	14 45	1 18	17 46	0 41	22 32	0 59	17 24	16 45	19 10	18 56	5 1	7 48	5 41
T 16	20 36	8 29	3 24	15 18	1 22	5 31	1 39	20 25	0 16	10 55	1 5	14 45	1 18	17 46	0 41	22 32	0 59	17 24	16 45	19 10	18 56	4 59	7 48	5 41
F 17	20 48	3 33	4 13	15 50	1 15	5 42	1 45	20 35	0 17	10 59	1 5	14 44	1 18	17 45	0 41	22 32	0 59	17 23	16 44	19 11	18 57	4 57	7 48	5 41
S 18	21 0	1s36	4 47	16 22	1 8	5 54	1 52	20 44	0 17	11 3	1 5	14 44	1 18	17 45	0 41	22 32	0 59	17 23	16 44	19 12	18 58	4 55	7 47	5 40
S 19	21 11	6 42	5 3	16 53	1 1	6 6	1 57	20 54	0 18	11 7	1 5	14 44	1 18	17 44	0 41	22 32	0 59	17 23	16 44	19 14	18 59	4 53	7 47	5 40
M20	21 22	11 24	5 0	17 24	0 54	6 19	2 3	21 3	0 19	11 11	1 5	14 44	1 19	17 44	0 41	22 32	0 59	17 23	16 43	19 16	18 59	4 51	7 47	5 40
T 21	21 33	15 25	4 37	17 54	0 47	6 32	2 8	21 12	0 19	11 15	1 5	14 44	1 19	17 43	0 41	22 32	0 59	17 23	16 43	19 19	19 0	4 48	7 47	5 39
W22	21 43	18 29	3 58	18 23	0 40	6 46	2 13	21 21	0 20	11 19	1 5	14 44	1 19	17 43	0 41	22 32	0 59	17 22	16 43	19 21	19 1	4 46	7 47	5 39
T 23	21 52	20 24	3 5	18 52	0 32	7 0	2 18	21 30	0 20	11 23	1 5	14 44	1 19	17 42	0 41	22 32	0 59	17 22	16 42	19 23	19 2	4 44	7 47	5 38
F 24	22 2	21 6	2 3	19 20	0 25	7 15	2 23	21 39	0 21	11 27	1 5	14 44	1 20	17 42	0 41	22 32	0 59	17 22	16 42	19 24	19 3	4 42	7 47	5 38
S 25	22 10	20 37	0 57	19 47	0 18	7 30	2 27	21 47	0 22	11 31	1 5	14 44	1 20	17 41	0 41	22 32	0 59	17 22	16 42	19 24	19 3	4 40	7 47	5 38
S 26	22 19	19 6	0s11	20 14	0 11	7 45	2 31	21 55	0 22	11 35	1 5	14 45	1 20	17 40	0 41	22 32	0 59	17 21	16 41	19 25	19 4	4 38	7 46	5 37
M27	22 27	16 42	1 17	20 39	0 4	8 1	2 35	22 3	0 23	11 39	1 5	14 45	1 20	17 40	0 41	22 32	0 59	17 21	16 41	19 24	19 5	4 35	7 46	5 37
T 28	22 34	13 37	2 18	21 4	0s 3	8 17	2 39	22 11	0 23	11 43	1 5	14 45	1 21	17 39	0 41	22 32	0 59	17 21	16 41	19 24	19 6	4 33	7 46	5 37
W29	22 41	10 1	3 12	21 28	0 10	8 33	2 42	22 18	0 24	11 47	1 5	14 45	1 21	17 38	0 41	22 32	0 59	17 21	16 40	19 24	19 6	4 31	7 46	5 36
T 30	22s48	6s 4	3s58	21s50	0s17	8s49	2n45	22s25	0s25	11s50	1n 6	14n46	1n21	17s38	0s41	22s32	0n59	17s20	16s40	19n24	19n 7	4s29	7s45	5n36

Julian Day Number = 2206779.5, Delta T = 09m39s
Ecliptic obliquity = 23°31'29, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°23'35, Lahiri = 14°30'36 Julian Calendar 1 Nov. 1329 == Greg. Calendar 9 Nov. 1329

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ASTRODIENST EPHEMERIS for the year 1329
geocentric

DECEMBER 1329 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	5 10 19	17♐ 6'30	5♈44	8♐35	0♏37	10♐40	4♏ 6	24°R14	13♒ 1	0♑20	24°D44	3°R39	4♌48	28♓23	25♒38	F 1
S 2	5 14 15	18° 7'38	17°41	10° 8	1°34	11°25	4°17	24♌14	13° 3	0°22	24♓44	3♌34	4°45	28°30	25°40	S 2
S 3	5 18 12	19° 8'45	29°47	11°42	2°31	12° 9	4°28	24°13	13° 5	0°24	24°44	3°28	4°42	28°36	25°42	S 3
M 4	5 22 8	20° 9'53	12♉ 6	13°15	3°29	12°54	4°39	24°12	13° 8	0°26	24°44	3°21	4°38	28°43	25°44	M 4
T 5	5 26 5	21°11'02	24°40	14°49	4°27	13°38	4°50	24°12	13°10	0°29	24°44	3°13	4°35	28°50	25°47	T 5
W 6	5 30 1	22°12'10	7♊30	16°22	5°26	14°23	5° 1	24°11	13°13	0°31	24°44	3° 5	4°32	28°57	25°49	W 6
T 7	5 33 58	23°13'19	20°37	17°56	6°25	15° 8	5°12	24°10	13°15	0°33	24°45	2°58	4°29	29° 3	25°51	T 7
F 8	5 37 55	24°14'28	3♋59	19°31	7°25	15°52	5°23	24° 8	13°18	0°35	24°45	2°53	4°26	29°10	25°53	F 8
S 9	5 41 51	25°15'37	17°34	21° 5	8°25	16°37	5°33	24° 7	13°20	0°38	24°45	2°50	4°23	29°17	25°56	S 9
S 10	5 45 48	26°16'47	1♌19	22°40	9°25	17°22	5°44	24° 6	13°23	0°40	24°45	2°D49	4°19	29°23	25°58	S 10
M11	5 49 44	27°17'57	15°13	24°15	10°26	18° 7	5°54	24° 4	13°25	0°42	24°45	2°50	4°16	29°30	26° 1	M11
T 12	5 53 41	28°19'08	29°14	25°50	11°28	18°52	6° 5	24° 3	13°28	0°45	24°46	2°51	4°13	29°37	26° 3	T 12
W13	5 57 37	29°20'19	13♍18	27°26	12°30	19°37	6°15	24° 1	13°31	0°47	24°46	2°53	4°10	29°43	26° 6	W13
T 14	6 1 34	0♎21'30	27°26	29° 2	13°32	20°22	6°25	23°59	13°34	0°49	24°46	2°R54	4° 7	29°50	26° 8	T 14
F 15	6 5 30	1°22'41	11♎36	0♎38	14°34	21° 7	6°35	23°57	13°36	0°51	24°46	2°53	4° 3	29°57	26°11	F 15
S 16	6 9 27	2°23'53	25°45	2°15	15°37	21°52	6°45	23°55	13°39	0°54	24°47	2°51	4° 0	0♈ 4	26°14	S 16
S 17	6 13 24	3°25'05	9♏52	3°52	16°41	22°37	6°55	23°53	13°42	0°56	24°47	2°48	3°57	0°10	26°16	S 17
M18	6 17 20	4°26'18	23°53	5°29	17°44	23°22	7° 5	23°51	13°45	0°58	24°48	2°44	3°54	0°17	26°19	M18
T 19	6 21 17	5°27'30	7♐46	7° 7	18°48	24° 7	7°14	23°49	13°48	1° 0	24°48	2°40	3°51	0°24	26°22	T 19
W20	6 25 13	6°28'43	21°27	8°45	19°52	24°52	7°24	23°46	13°51	1° 3	24°48	2°35	3°48	0°30	26°25	W20
T 21	6 29 10	7°29'55	4♑52	10°23	20°57	25°38	7°33	23°44	13°54	1° 5	24°49	2°32	3°44	0°37	26°28	T 21
F 22	6 33 6	8°31'07	18° 2	12° 2	22° 2	26°23	7°43	23°41	13°56	1° 7	24°49	2°30	3°41	0°44	26°31	F 22
S 23	6 37 3	9°32'19	0♒53	13°42	23° 7	27° 8	7°52	23°38	13°59	1° 9	24°50	2°D29	3°38	0°50	26°34	S 23
S 24	6 41 0	10°33'31	13°27	15°21	24°12	27°54	8° 1	23°36	14° 3	1°12	24°50	2°30	3°35	0°57	26°37	S 24
M25	6 44 56	11°34'41	25°46	17° 1	25°18	28°39	8°10	23°33	14° 6	1°14	24°51	2°31	3°32	1° 4	26°40	M25
T 26	6 48 53	12°35'52	7♓51	18°42	26°23	29°25	8°19	23°30	14° 9	1°16	24°51	2°33	3°29	1°11	26°43	T 26
W27	6 52 49	13°37'01	19°48	20°23	27°29	0♑10	8°28	23°27	14°12	1°18	24°52	2°34	3°25	1°17	26°46	W27
T 28	6 56 46	14°38'10	1♈39	22° 4	28°36	0°56	8°36	23°23	14°15	1°21	24°53	2°35	3°22	1°24	26°49	T 28
F 29	7 0 42	15°39'18	13°31	23°45	29°42	1°41	8°45	23°20	14°18	1°23	24°53	2°R36	3°19	1°31	26°52	F 29
S 30	7 4 39	16°40'25	25°27	25°27	0♐49	2°27	8°53	23°17	14°21	1°25	24°54	2°36	3°16	1°37	26°56	S 30
S 31	7 8 35	17♑41'32	7♉32	27♑ 9	1♐56	3♑13	9♏ 1	23♌13	14♒24	1♑27	24♓55	2♌35	3♌13	1♈44	26♒59	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22s54	1s53	4s33	22s12	0s23	9s 6	2n48	22s33	0s25	11s54	1n 6	14n46	1n21	17s37	0s41	22s32	0n59	17s20	16s39	19n24	19n 8	4s27	7s45	5n36
S 2	23 0	2n23	4 57	22 33	0 30	9 23	2 51	22 39	0 26	11 58	1 6	14 46	1 21	17 36	0 41	22 32	0 59	17 20	16 39	19 25	19 9	4 24	7 45	5 35
S 3	23 5	6 38	5 8	22 52	0 36	9 40	2 54	22 46	0 26	12 1	1 6	14 47	1 22	17 36	0 41	22 32	0 59	17 19	16 39	19 27	19 10	4 22	7 44	5 35
M 4	23 10	10 41	5 5	23 11	0 43	9 58	2 56	22 52	0 27	12 5	1 6	14 47	1 22	17 35	0 41	22 32	0 59	17 19	16 38	19 29	19 10	4 20	7 44	5 35
T 5	23 14	14 21	4 48	23 28	0 49	10 15	2 58	22 59	0 28	12 9	1 6	14 48	1 22	17 34	0 41	22 32	0 59	17 19	16 38	19 30	19 11	4 18	7 44	5 34
W 6	23 18	17 27	4 15	23 44	0 55	10 33	3 0	23 4	0 28	12 12	1 6	14 48	1 22	17 34	0 41	22 32	0 59	17 18	16 38	19 32	19 12	4 16	7 43	5 34
T 7	23 21	19 43	3 29	23 59	1 1	10 50	3 2	23 10	0 29	12 16	1 6	14 49	1 23	17 33	0 41	22 32	0 59	17 18	16 37	19 34	19 13	4 13	7 43	5 33
F 8	23 24	20 58	2 30	24 13	1 6	11 8	3 4	23 16	0 29	12 19	1 6	14 49	1 23	17 32	0 41	22 32	0 59	17 17	16 37	19 35	19 13	4 11	7 42	5 33
S 9	23 26	21 1	1 22	24 25	1 12	11 26	3 5	23 21	0 30	12 23	1 6	14 50	1 23	17 31	0 40	22 32	0 59	17 17	16 37	19 36	19 14	4 9	7 42	5 33
S 10	23 28	19 48	0 8	24 36	1 17	11 44	3 6	23 26	0 31	12 26	1 6	14 51	1 23	17 31	0 40	22 32	0 59	17 17	16 36	19 36	19 15	4 7	7 41	5 33
M11	23 30	17 24	1n 7	24 46	1 22	12 2	3 7	23 30	0 31	12 29	1 7	14 51	1 23	17 30	0 40	22 32	0 59	17 16	16 36	19 36	19 16	4 5	7 41	5 32
T 12	23 31	13 57	2 19	24 55	1 27	12 20	3 8	23 35	0 32	12 33	1 7	14 52	1 24	17 29	0 40	22 32	0 59	17 16	16 36	19 35	19 16	4 2	7 40	5 32
W13	23 31	9 42	3 23	25 2	1 32	12 38	3 9	23 39	0 32	12 36	1 7	14 53	1 24	17 28	0 40	22 32	0 59	17 15	16 35	19 35	19 17	4 0	7 40	5 32
T 14	23 31	4 55	4 15	25 7	1 36	12 56	3 10	23 43	0 33	12 39	1 7	14 54	1 24	17 27	0 40	22 32	0 59	17 15	16 35	19 35	19 18	3 58	7 39	5 31
F 15	23 31	0s 8	4 52	25 12	1 40	13 15	3 10	23 47	0 33	12 43	1 7	14 55	1 24	17 27	0 40	22 32	0 59	17 14	16 34	19 35	19 19	3 56	7 39	5 31
S 16	23 30	5 10	5 10	25 14	1 44	13 32	3 10	23 50	0 34	12 46	1 7	14 55	1 25	17 26	0 40	22 32	0 59	17 14	16 34	19 35	19 19	3 54	7 38	5 31
S 17	23 29	9 55	5 10	25 16	1 48	13 50	3 10	23 54	0 35	12 49	1 7	14 56	1 25	17 25	0 40	22 32	0 59	17 14	16 34	19 36	19 20	3 51	7 37	5 30
M18	23 27	14 6	4 52	25 16	1 51	14 8	3 10	23 57	0 35	12 52	1 7	14 57	1 25	17 24	0 40	22 32	0 59	17 13	16 33	19 37	19 21	3 49	7 37	5 30
T 19	23 25	17 28	4 16	25 14	1 54	14 26	3 10	23 59	0 36	12 55	1 7	14 58	1 25	17 23	0 40	22 32	0 59	17 13	16 33	19 38	19 22	3 47	7 36	5 30
W20	23 22	19 49	3 27	25 11	1 57	14 44	3 10	24 2	0 36	12 58	1 8	14 59	1 25	17 22	0 40	22 32	0 59	17 12	16 33	19 39	19 22	3 45	7 35	5 29
T 21	23 19	21 0	2 26	25 6	1 59	15 1	3 9	24 4	0 37	13 1	1 8	15 0	1 26	17 22	0 40	22 32	0 59	17 12	16 32	19 40	19 23	3 42	7 35	5 29
F 22	23 15	21 0	1 19	25 0	2 1	15 18	3 8	24 6	0 38	13 4	1 8	15 1	1 26	17 21	0 40	22 32	0 59	17 11	16 32	19 40	19 24	3 40	7 34	5 29
S 23	23 11	19 53	0 9	24 52	2 3	15 35	3 8	24 8	0 38	13 7	1 8	15 2	1 26	17 20	0 40	22 32	0 59	17 11	16 32	19 40	19 25	3 38	7 33	5 29
S 24	23 6	17 48	1s 0	24 42	2 4	15 52	3 7	24 9	0 39	13 10	1 8	15 4	1 26	17 19	0 40	22 32	0 59	17 10	16 31	19 40	19 25	3 36	7 32	5 28
M25	23 1	14 56	2 5	24 31	2 5	16 9	3 6	24 10	0 39	13 12	1 8	15 5	1 26	17 18	0 40	22 32	0 59	17 10	16 31	19 40	19 26	3 34	7 32	5 28
T 26	22 56	11 29	3 3	24 18	2 6	16 25	3 5	24 11	0 40	13 15	1 8	15 6	1 27	17 17	0 40	22 32	0 59	17 9	16 31	19 40	19 27	3 31	7 31	5 28
W27	22 50	7 37	3 52	24 3	2 6	16 42	3 3	24 12	0 40	13 18	1 8	15 7	1 27	17 16	0 40	22 32	0 59	17 8	16 30	19 39	19 28	3 29	7 30	5 28
T 28	22 43	3 29	4 31	23 47	2 6	16 58	3 2	24 12	0 41	13 20	1 9	15 8	1 27	17 15	0 40	22 32	0 59	17 8	16 30	19 39	19 28	3 27	7 29	5 27
F 29	22 36	0n46	4 59	23 29	2 5	17 13	3 0	24 12	0 41	13 23	1 9	15 10	1 27	17 14	0 40	22 32	0 59	17 7	16 30	19 39	19 29	3 25	7 28	5 27
S 30	22 29	5 0	5 14	23 9	2 3	17 29	2 59	24 12	0 42	13 26	1 9	15 11	1 27	17 13	0 40	22 32	0 59	17 7	16 29	19 39	19 30	3 22	7 28	5 27
S 31	22s21	9n 6	5s15	22s47	2s 2	17s44	2n57	24s12	0s43	13s28	1n 9	15n12	1n28	17s12	0s40	22s32	0n59	17s 6	16s29	19n39	19n31	3s20	7s27	5n27

Julian Day Number = 2206809.5, Delta T = 09m39s
Ecliptic obliquity = 23°31'29, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°23'39, Lahiri = 14°30'40 Julian Calendar 1 Dec. 1329 == Greg. Calendar 9 Dec. 1329

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ASTRODIENST EPHEMERIS for the year 1330
geocentric

JANUARY 1330 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	7 12 32	18♑42'38	19♉52	28♑51	3♐ 3	3♑58	9♏10	23°R10	14♒27	1♑30	24♓55	2°R33	3♌ 9	1♈51	27♒ 2	M 1
T 2	7 16 29	19°43'42	2♊29	0♒32	4°10	4°44	9°18	23♌ 6	14°31	1°32	24°56	2♌31	3° 6	1°57	27° 6	T 2
W 3	7 20 25	20°44'46	15°26	2°14	5°18	5°30	9°25	23° 3	14°34	1°34	24°57	2°30	3° 3	2° 4	27° 9	W 3
T 4	7 24 22	21°45'49	28°44	3°56	6°25	6°16	9°33	22°59	14°37	1°36	24°58	2°28	3° 0	2°11	27°12	T 4
F 5	7 28 18	22°46'52	12♋24	5°37	7°33	7° 2	9°41	22°55	14°40	1°38	24°58	2°27	2°57	2°18	27°16	F 5
S 6	7 32 15	23°47'53	26°22	7°17	8°41	7°47	9°48	22°51	14°44	1°40	24°59	2°D27	2°54	2°24	27°19	S 6
S 7	7 36 11	24°48'53	10♌35	8°57	9°49	8°33	9°56	22°48	14°47	1°43	25° 0	2°27	2°50	2°31	27°23	S 7
M 8	7 40 8	25°49'53	24°59	10°35	10°58	9°19	10° 3	22°44	14°50	1°45	25° 1	2°27	2°47	2°38	27°26	M 8
T 9	7 44 4	26°50'52	9♍28	12°12	12° 6	10° 5	10°10	22°39	14°54	1°47	25° 2	2°28	2°44	2°44	27°30	T 9
W10	7 48 1	27°51'50	23°56	13°47	13°15	10°51	10°17	22°35	14°57	1°49	25° 3	2°28	2°41	2°51	27°33	W10
T 11	7 51 58	28°52'47	8♎20	15°19	14°24	11°37	10°24	22°31	15° 0	1°51	25° 3	2°28	2°38	2°58	27°37	T 11
F 12	7 55 54	29°53'44	22°36	16°49	15°33	12°23	10°30	22°27	15° 4	1°53	25° 4	2°29	2°35	3° 4	27°41	F 12
S 13	7 59 51	0♒54'40	6♏41	18°16	16°42	13° 9	10°37	22°23	15° 7	1°55	25° 5	2°R29	2°31	3°11	27°44	S 13
S 14	8 3 47	1°55'35	20°34	19°38	17°51	13°56	10°43	22°18	15°11	1°57	25° 6	2°D29	2°28	3°18	27°48	S 14
M15	8 7 44	2°56'30	4♐14	20°56	19° 0	14°42	10°49	22°14	15°14	1°59	25° 7	2°29	2°25	3°25	27°52	M15
T 16	8 11 40	3°57'24	17°41	22° 8	20°10	15°28	10°55	22° 9	15°17	2° 1	25° 8	2°29	2°22	3°31	27°55	T 16
W17	8 15 37	4°58'16	0♑54	23°15	21°19	16°14	11° 1	22° 5	15°21	2° 3	25° 9	2°29	2°19	3°38	27°59	W17
T 18	8 19 33	5°59'08	13°54	24°14	22°29	17° 0	11° 7	22° 0	15°24	2° 5	25°10	2°29	2°15	3°45	28° 3	T 18
F 19	8 23 30	6°59'59	26°40	25° 6	23°39	17°47	11°12	21°56	15°28	2° 7	25°11	2°R29	2°12	3°51	28° 7	F 19
S 20	8 27 27	8° 0'48	9♒15	25°49	24°49	18°33	11°18	21°51	15°31	2° 9	25°12	2°29	2° 9	3°58	28°10	S 20
S 21	8 31 23	9° 1'36	21°37	26°23	25°59	19°19	11°23	21°47	15°35	2°11	25°13	2°29	2° 6	4° 5	28°14	S 21
M22	8 35 20	10° 2'23	3♓48	26°47	27° 9	20° 6	11°28	21°42	15°38	2°13	25°15	2°28	2° 3	4°12	28°18	M22
T 23	8 39 16	11° 3'08	15°51	27° 1	28°19	20°52	11°33	21°37	15°42	2°15	25°16	2°27	2° 0	4°18	28°22	T 23
W24	8 43 13	12° 3'51	27°46	27°R 5	29°30	21°39	11°38	21°32	15°45	2°17	25°17	2°26	1°56	4°25	28°26	W24
T 25	8 47 9	13° 4'33	9♈37	26°58	0♑40	22°25	11°42	21°28	15°49	2°18	25°18	2°24	1°53	4°32	28°30	T 25
F 26	8 51 6	14° 5'14	21°28	26°40	1°50	23°11	11°47	21°23	15°52	2°20	25°19	2°23	1°50	4°38	28°34	F 26
S 27	8 55 2	15° 5'52	3♉23	26°11	3° 1	23°58	11°51	21°18	15°55	2°22	25°20	2°22	1°47	4°45	28°37	S 27
S 28	8 58 59	16° 6'29	15°26	25°34	4°12	24°44	11°55	21°13	15°59	2°24	25°21	2°D22	1°44	4°52	28°41	S 28
M29	9 2 56	17° 7'04	27°42	24°47	5°22	25°31	11°59	21° 9	16° 2	2°26	25°23	2°22	1°40	4°58	28°45	M29
T 30	9 6 52	18° 7'38	10♊15	23°54	6°33	26°17	12° 3	21° 4	16° 6	2°27	25°24	2°23	1°37	5° 5	28°49	T 30
W31	9 10 49	19♒ 8'09	23♊10	22♒54	7♑44	27♑ 4	12♏ 6	20♌59	16♒ 9	2♑29	25♓25	2♌24	1♌34	5♈12	28♒53	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat
M 1	22s13	12n55	5s 2	22s24	1s59	17s59	2n55	24s11	0s43	13s30	1n 9	15n14	1n28	17s12	0s40	22s32	0n59	17s 6	16s29	19n40	19n31	3s18	7s26	5n26
T 2	22 4	16 15	4 34	22 0	1 56	18 13	2 53	24 10	0 44	13 33	1 9	15 15	1 28	17 11	0 40	22 32	0 59	17 5	16 28	19 40	19 32	3 16	7 25	5 26
W 3	21 55	18 53	3 52	21 33	1 52	18 27	2 51	24 9	0 44	13 35	1 9	15 16	1 28	17 10	0 40	22 32	0 59	17 4	16 28	19 40	19 33	3 13	7 24	5 26
T 4	21 46	20 35	2 56	21 5	1 48	18 41	2 49	24 7	0 45	13 38	1 9	15 18	1 28	17 9	0 40	22 32	0 59	17 4	16 28	19 41	19 33	3 11	7 23	5 26
F 5	21 36	21 8	1 49	20 36	1 43	18 54	2 47	24 6	0 45	13 40	1 10	15 19	1 29	17 8	0 40	22 32	0 59	17 3	16 27	19 41	19 34	3 9	7 22	5 25
S 6	21 25	20 24	0 34	20 5	1 37	19 7	2 44	24 3	0 46	13 42	1 10	15 21	1 29	17 7	0 40	22 32	0 59	17 3	16 27	19 41	19 35	3 7	7 21	5 25
S 7	21 14	18 22	0n45	19 33	1 31	19 20	2 42	24 1	0 46	13 44	1 10	15 22	1 29	17 6	0 40	22 32	0 59	17 2	16 27	19 41	19 36	3 4	7 20	5 25
M 8	21 3	15 9	2 2	18 59	1 24	19 32	2 40	23 59	0 47	13 46	1 10	15 23	1 29	17 5	0 40	22 32	0 59	17 1	16 26	19 41	19 36	3 2	7 19	5 25
T 9	20 52	11 0	3 11	18 25	1 16	19 44	2 37	23 56	0 47	13 48	1 10	15 25	1 29	17 4	0 40	22 32	0 59	17 1	16 26	19 41	19 37	3 0	7 18	5 25
W10	20 40	6 13	4 9	17 49	1 7	19 55	2 34	23 53	0 48	13 50	1 10	15 26	1 29	17 3	0 40	22 32	0 59	17 0	16 26	19 41	19 38	2 58	7 17	5 24
T 11	20 27	1 7	4 50	17 13	0 57	20 6	2 32	23 49	0 48	13 52	1 11	15 28	1 30	17 2	0 40	22 32	0 59	17 0	16 26	19 41	19 39	2 55	7 16	5 24
F 12	20 15	3s59	5 13	16 36	0 47	20 16	2 29	23 46	0 49	13 54	1 11	15 30	1 30	17 1	0 40	22 32	0 59	16 59	16 25	19 41	19 39	2 53	7 15	5 24
S 13	20 2	8 49	5 17	15 59	0 36	20 26	2 26	23 42	0 50	13 56	1 11	15 31	1 30	17 0	0 40	22 32	0 59	16 58	16 25	19 41	19 40	2 51	7 14	5 24
S 14	19 48	13 6	5 2	15 21	0 24	20 36	2 23	23 37	0 50	13 58	1 11	15 33	1 30	16 59	0 40	22 32	0 59	16 58	16 25	19 41	19 41	2 48	7 13	5 24
M15	19 34	16 38	4 30	14 44	0 11	20 45	2 20	23 33	0 51	14 0	1 11	15 34	1 30	16 58	0 40	22 32	0 59	16 57	16 24	19 41	19 41	2 46	7 12	5 23
T 16	19 20	19 14	3 44	14 8	0n 3	20 53	2 17	23 28	0 51	14 2	1 11	15 36	1 30	16 57	0 40	22 32	0 59	16 56	16 24	19 41	19 42	2 44	7 11	5 23
W17	19 5	20 45	2 47	13 32	0 18	21 1	2 14	23 23	0 52	14 3	1 11	15 37	1 30	16 56	0 40	22 32	0 59	16 56	16 24	19 41	19 43	2 42	7 10	5 23
T 18	18 51	21 7	1 41	12 58	0 33	21 8	2 11	23 18	0 52	14 5	1 12	15 39	1 31	16 55	0 40	22 32	0 59	16 55	16 24	19 41	19 44	2 39	7 8	5 23
F 19	18 35	20 22	0 32	12 26	0 49	21 15	2 7	23 12	0 53	14 6	1 12	15 41	1 31	16 54	0 40	22 32	0 59	16 54	16 23	19 40	19 44	2 37	7 7	5 23
S 20	18 20	18 36	0s37	11 56	1 5	21 21	2 4	23 7	0 53	14 8	1 12	15 42	1 31	16 53	0 40	22 32	0 59	16 54	16 23	19 40	19 45	2 35	7 6	5 23
S 21	18 4	16 0	1 44	11 29	1 22	21 27	2 1	23 1	0 54	14 9	1 12	15 44	1 31	16 52	0 40	22 32	0 59	16 53	16 23	19 41	19 46	2 32	7 5	5 22
M22	17 48	12 43	2 45	11 5	1 39	21 32	1 57	22 54	0 54	14 11	1 12	15 46	1 31	16 51	0 40	22 31	0 59	16 52	16 23	19 41	19 46	2 30	7 4	5 22
T 23	17 31	8 57	3 38	10 44	1 55	21 37	1 54	22 48	0 54	14 12	1 12	15 47	1 31	16 50	0 40	22 31	0 59	16 52	16 22	19 41	19 47	2 28	7 3	5 22
W24	17 14	4 52	4 21	10 28	2 12	21 41	1 51	22 41	0 55	14 13	1 13	15 49	1 31	16 48	0 40	22 31	0 59	16 51	16 22	19 41	19 48	2 26	7 1	5 22
T 25	16 57	0 39	4 52	10 15	2 28	21 44	1 47	22 34	0 55	14 15	1 13	15 51	1 31	16 47	0 40	22 31	0 59	16 50	16 22	19 42	19 49	2 23	7 0	5 22
F 26	16 40	3n36	5 11	10 7	2 43	21 47	1 44	22 27	0 56	14 16	1 13	15 52	1 32	16 46	0 40	22 31	0 59	16 50	16 22	19 42	19 49	2 21	6 59	5 22
S 27	16 22	7 44	5 16	10 3	2 57	21 49	1 40	22 19	0 56	14 17	1 13	15 54	1 32	16 45	0 40	22 31	0 59	16 49	16 21	19 42	19 50	2 19	6 58	5 22
S 28	16 4	11 36	5 8	10 4	3 10	21 51	1 36	22 11	0 57	14 18	1 13	15 56	1 32	16 44	0 40	22 31	0 59	16 48	16 21	19 42	19 51	2 16	6 57	5 22
M29	15 46	15 4	4 46	10 8	3 21	21 52	1 33	22 3	0 57	14 19	1 14	15 57	1 32	16 43	0 40	22 31	0 59	16 48	16 21	19 42	19 51	2 14	6 55	5 21
T 30	15 27	17 57	4 10	10 17	3 31	21 53	1 29	21 55	0 58	14 20	1 14	15 59	1 32	16 42	0 40	22 31	0 59	16 47	16 21	19 42	19 52	2 12	6 54	5 21
W31	15s 8	20n 1	3s20	10s30	3n38	21s52	1n26	21s46	0s58	14s21	1n14	16n 0	1n32	16s41	0s40	22s31	0n59	16s46	16s21	19n42	19n53	2s10	6s53	5n21

Julian Day Number = 2206840.5, Delta T = 09m39s
Ecliptic obliquity = 23°31'29, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°23'44, Lahiri = 14°30'44 Julian Calendar 1 Jan. 1330 == Greg. Calendar 9 Jan. 1330

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ASTRODIENST EPHEMERIS for the year 1330
geocentric

FEBRUARY 1330 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 14 45	20♒ 8'39	6♋29	21°R50	8♑55	27♑51	12♏ 9	20°R54	16♒13	2♑31	25♓26	2♌26	1♌31	5♈19	28♒57	T 1
F 2	9 18 42	21° 9'07	20°14	20♒44	10° 6	28°37	12°13	20♌49	16°16	2°32	25°28	2°27	1°28	5°25	29° 1	F 2
S 3	9 22 38	22° 9'33	4♌24	19°37	11°17	29°24	12°16	20°44	16°20	2°34	25°29	2°R27	1°25	5°32	29° 5	S 3
S 4	9 26 35	23° 9'57	18°56	18°30	12°28	0♒10	12°19	20°39	16°23	2°36	25°30	2°26	1°21	5°39	29° 9	S 4
M 5	9 30 31	24°10'20	3♍44	17°26	13°39	0°57	12°21	20°35	16°27	2°37	25°31	2°25	1°18	5°45	29°13	M 5
T 6	9 34 28	25°10'41	18°41	16°26	14°51	1°44	12°24	20°30	16°30	2°39	25°33	2°22	1°15	5°52	29°17	T 6
W 7	9 38 25	26°11'00	3♎38	15°31	16° 2	2°30	12°26	20°25	16°34	2°40	25°34	2°18	1°12	5°59	29°21	W 7
T 8	9 42 21	27°11'18	18°27	14°42	17°13	3°17	12°28	20°20	16°37	2°42	25°35	2°15	1° 9	6° 6	29°25	T 8
F 9	9 46 18	28°11'34	3♏ 1	13°59	18°25	4° 4	12°30	20°15	16°40	2°43	25°37	2°12	1° 6	6°12	29°29	F 9
S 10	9 50 14	29°11'49	17°15	13°23	19°36	4°51	12°32	20°11	16°44	2°45	25°38	2°11	1° 2	6°19	29°33	S 10
S 11	9 54 11	0♓12'02	1♐ 8	12°54	20°48	5°37	12°33	20° 6	16°47	2°46	25°39	2°D10	0°59	6°26	29°37	S 11
M12	9 58 7	1°12'14	14°40	12°32	22° 0	6°24	12°35	20° 1	16°51	2°48	25°41	2°11	0°56	6°32	29°41	M12
T 13	10 2 4	2°12'24	27°52	12°17	23°11	7°11	12°36	19°57	16°54	2°49	25°42	2°12	0°53	6°39	29°45	T 13
W14	10 6 0	3°12'33	10♑47	12° 9	24°23	7°58	12°37	19°52	16°57	2°50	25°44	2°14	0°50	6°46	29°49	W14
T 15	10 9 57	4°12'40	23°26	12°D 8	25°35	8°44	12°38	19°47	17° 1	2°52	25°45	2°15	0°46	6°53	29°53	T 15
F 16	10 13 54	5°12'45	5♒54	12°13	26°46	9°31	12°38	19°43	17° 4	2°53	25°46	2°R15	0°43	6°59	29°57	F 16
S 17	10 17 50	6°12'49	18°11	12°24	27°58	10°18	12°39	19°38	17° 7	2°54	25°48	2°14	0°40	7° 6	0♓ 1	S 17
S 18	10 21 47	7°12'50	0♓19	12°40	29°10	11° 5	12°39	19°34	17°11	2°56	25°49	2°11	0°37	7°13	0° 5	S 18
M19	10 25 43	8°12'50	12°21	13° 3	0♒22	11°52	12°R39	19°29	17°14	2°57	25°51	2° 6	0°34	7°19	0° 9	M19
T 20	10 29 40	9°12'48	24°18	13°30	1°34	12°39	12°39	19°25	17°17	2°58	25°52	2° 0	0°31	7°26	0°12	T 20
W21	10 33 36	10°12'44	6♈11	14° 1	2°46	13°25	12°39	19°20	17°21	2°59	25°53	1°53	0°27	7°33	0°16	W21
T 22	10 37 33	11°12'37	18° 2	14°38	3°58	14°12	12°38	19°16	17°24	3° 0	25°55	1°45	0°24	7°40	0°20	T 22
F 23	10 41 29	12°12'29	29°53	15°18	5°10	14°59	12°37	19°12	17°27	3° 1	25°56	1°38	0°21	7°46	0°24	F 23
S 24	10 45 26	13°12'18	11♉48	16° 2	6°22	15°46	12°37	19° 7	17°30	3° 2	25°58	1°32	0°18	7°53	0°28	S 24
S 25	10 49 22	14°12'05	23°50	16°50	7°34	16°33	12°35	19° 3	17°34	3° 3	25°59	1°28	0°15	8° 0	0°32	S 25
M26	10 53 19	15°11'50	6♊ 3	17°41	8°47	17°20	12°34	18°59	17°37	3° 4	26° 1	1°26	0°12	8° 6	0°36	M26
T 27	10 57 16	16°11'33	18°31	18°35	9°59	18° 7	12°33	18°55	17°40	3° 5	26° 2	1°D25	0° 8	8°13	0°40	T 27
W28	11 1 12	17♓11'13	1♋19	19♒32	11♒11	18♒53	12♏31	18♌51	17♒43	3♑ 6	26♓ 4	1♌26	0♌ 5	8♈20	0♓44	W28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	14s49	21n 3	2s19	10s46	3n43	21s52	1n22	21s37	0s59	14s22	1n14	16n 2	1n32	16s40	0s40	22s31	0n59	16s46	16s20	19n41	19n54	2s 7	6s52	5n21
F 2	14 30	20 53	1 7	11 4	3 45	21 50	1 18	21 28	0 59	14 23	1 14	16 4	1 32	16 39	0 40	22 31	0 59	16 45	16 20	19 41	19 54	2 5	6 50	5 21
S 3	14 10	19 24	0n11	11 25	3 46	21 48	1 15	21 19	0 59	14 23	1 14	16 5	1 32	16 38	0 40	22 31	0 59	16 44	16 20	19 41	19 55	2 3	6 49	5 21
S 4	13 51	16 37	1 30	11 47	3 44	21 46	1 11	21 10	1 0	14 24	1 15	16 7	1 32	16 37	0 40	22 31	0 59	16 44	16 20	19 41	19 56	2 0	6 48	5 21
M 5	13 31	12 43	2 44	12 10	3 40	21 42	1 7	21 0	1 0	14 25	1 15	16 9	1 33	16 36	0 40	22 31	0 59	16 43	16 20	19 42	19 56	1 58	6 46	5 21
T 6	13 10	7 59	3 48	12 34	3 34	21 39	1 3	20 50	1 1	14 25	1 15	16 10	1 33	16 35	0 40	22 31	0 59	16 42	16 19	19 42	19 57	1 56	6 45	5 21
W 7	12 50	2 46	4 36	12 58	3 26	21 34	1 0	20 40	1 1	14 26	1 15	16 12	1 33	16 34	0 40	22 31	0 59	16 42	16 19	19 43	19 58	1 53	6 44	5 21
T 8	12 29	2s33	5 5	13 21	3 17	21 29	0 56	20 29	1 2	14 26	1 15	16 14	1 33	16 33	0 40	22 31	0 59	16 41	16 19	19 44	19 59	1 51	6 43	5 21
F 9	12 9	7 38	5 14	13 43	3 6	21 23	0 52	20 19	1 2	14 27	1 15	16 15	1 33	16 32	0 40	22 31	0 59	16 40	16 19	19 44	19 59	1 49	6 41	5 21
S 10	11 48	12 12	5 3	14 4	2 55	21 17	0 49	20 8	1 2	14 27	1 16	16 17	1 33	16 31	0 40	22 31	0 59	16 40	16 19	19 45	20 0	1 47	6 40	5 21
S 11	11 26	15 58	4 35	14 24	2 42	21 10	0 45	19 57	1 3	14 27	1 16	16 18	1 33	16 30	0 40	22 31	0 59	16 39	16 19	19 45	20 1	1 44	6 39	5 20
M12	11 5	18 48	3 52	14 43	2 30	21 3	0 41	19 45	1 3	14 28	1 16	16 20	1 33	16 29	0 40	22 31	0 59	16 38	16 18	19 45	20 1	1 42	6 37	5 20
T 13	10 44	20 33	2 57	15 0	2 16	20 54	0 38	19 34	1 3	14 28	1 16	16 21	1 33	16 28	0 40	22 30	0 59	16 38	16 18	19 44	20 2	1 40	6 36	5 20
W14	10 22	21 11	1 55	15 15	2 3	20 46	0 34	19 22	1 4	14 28	1 16	16 23	1 33	16 27	0 40	22 30	0 59	16 37	16 18	19 44	20 3	1 37	6 35	5 20
T 15	10 0	20 42	0 48	15 28	1 49	20 36	0 30	19 10	1 4	14 28	1 16	16 24	1 33	16 26	0 40	22 30	0 59	16 36	16 18	19 44	20 3	1 35	6 33	5 20
F 16	9 38	19 11	0s20	15 40	1 36	20 26	0 27	18 58	1 5	14 28	1 17	16 26	1 33	16 25	0 40	22 30	0 59	16 36	16 18	19 44	20 4	1 33	6 32	5 20
S 17	9 16	16 48	1 26	15 50	1 22	20 16	0 23	18 46	1 5	14 28	1 17	16 27	1 33	16 24	0 40	22 30	0 59	16 35	16 18	19 44	20 5	1 30	6 30	5 20
S 18	8 54	13 41	2 27	15 58	1 9	20 5	0 20	18 33	1 5	14 28	1 17	16 29	1 33	16 23	0 40	22 30	0 59	16 34	16 18	19 45	20 5	1 28	6 29	5 20
M19	8 31	10 3	3 21	16 5	0 55	19 53	0 16	18 21	1 6	14 28	1 17	16 30	1 33	16 22	0 40	22 30	0 59	16 34	16 18	19 46	20 6	1 26	6 28	5 20
T 20	8 9	6 2	4 6	16 9	0 43	19 41	0 13	18 8	1 6	14 28	1 17	16 32	1 33	16 21	0 40	22 30	0 59	16 33	16 18	19 47	20 7	1 23	6 26	5 20
W21	7 46	1 48	4 39	16 12	0 30	19 28	0 9	17 55	1 6	14 27	1 18	16 33	1 33	16 20	0 40	22 30	0 59	16 32	16 17	19 49	20 8	1 21	6 25	5 20
T 22	7 23	2n28	5 1	16 13	0 18	19 14	0 6	17 41	1 7	14 27	1 18	16 35	1 33	16 19	0 40	22 30	0 59	16 32	16 17	19 50	20 8	1 19	6 24	5 20
F 23	7 0	6 39	5 9	16 13	0 6	19 1	0 2	17 28	1 7	14 27	1 18	16 36	1 33	16 18	0 40	22 30	0 59	16 31	16 17	19 52	20 9	1 16	6 22	5 20
S 24	6 37	10 36	5 4	16 11	0s 6	18 46	0s 1	17 14	1 7	14 26	1 18	16 37	1 33	16 17	0 40	22 30	0 59	16 30	16 17	19 53	20 10	1 14	6 21	5 20
S 25	6 14	14 10	4 46	16 7	0 17	18 31	0 5	17 0	1 7	14 26	1 18	16 39	1 33	16 16	0 40	22 30	0 59	16 30	16 17	19 54	20 10	1 12	6 19	5 20
M26	5 51	17 12	4 15	16 1	0 27	18 15	0 8	16 46	1 8	14 25	1 18	16 40	1 33	16 15	0 40	22 30	1 0	16 29	16 17	19 55	20 11	1 9	6 18	5 20
T 27	5 28	19 31	3 31	15 54	0 37	17 59	0 11	16 32	1 8	14 25	1 18	16 41	1 33	16 14	0 40	22 30	1 0	16 28	16 17	19 55	20 12	1 7	6 17	5 20
W28	5s 5	20n56	2s36	15s46	0s47	17s43	0s14	16s18	1s 8	14s24	1n19	16n42	1n33	16s13	0s40	22s30	1n 0	16s28	16s17	19n55	20n12	1s 5	6s15	5n20

Julian Day Number = 2206871.5, Delta T = 09m38s
Ecliptic obliquity = 23°31'30, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°23'48, Lahiri = 14°30'48 Julian Calendar 1 Feb. 1330 == Greg. Calendar 9 Feb. 1330

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ASTRODIENST EPHEMERIS for the year 1330
geocentric

MARCH 1330 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	11 5 9	18♓10'51	14♋31	20♒32	12♒23	19♒40	12°R29	18°R47	17♒46	3♉ 7	26♓ 5	1♌27	0♌ 2	8♈27	0♓48	T 1
F 2	11 9 5	19°10'27	28°10	21°34	13°36	20°27	12♏27	18♌43	17°49	3° 8	26° 7	1°R28	29♋59	8°33	0°51	F 2
S 3	11 13 2	20°10'00	12♌18	22°39	14°48	21°14	12°25	18°40	17°52	3° 9	26° 8	1°28	29°56	8°40	0°55	S 3
S 4	11 16 58	21° 9'31	26°53	23°47	16° 0	22° 1	12°23	18°36	17°55	3°10	26°10	1°25	29°52	8°47	0°59	S 4
M 5	11 20 55	22° 9'00	11♍50	24°56	17°13	22°48	12°20	18°32	17°58	3°11	26°11	1°21	29°49	8°53	1° 3	M 5
T 6	11 24 51	23° 8'27	27° 3	26° 8	18°25	23°35	12°17	18°29	18° 1	3°11	26°13	1°14	29°46	9° 0	1° 6	T 6
W 7	11 28 48	24° 7'51	12♎20	27°22	19°37	24°21	12°15	18°25	18° 4	3°12	26°14	1° 6	29°43	9° 7	1°10	W 7
T 8	11 32 45	25° 7'14	27°31	28°37	20°50	25° 8	12°11	18°22	18° 7	3°13	26°16	0°58	29°40	9°14	1°14	T 8
F 9	11 36 41	26° 6'35	12♏25	29°55	22° 2	25°55	12° 8	18°19	18°10	3°13	26°17	0°50	29°37	9°20	1°18	F 9
S 10	11 40 38	27° 5'54	26°55	1♓14	23°15	26°42	12° 5	18°15	18°13	3°14	26°18	0°45	29°33	9°27	1°21	S 10
S 11	11 44 34	28° 5'11	10♐59	2°35	24°27	27°29	12° 1	18°12	18°16	3°15	26°20	0°41	29°30	9°34	1°25	S 11
M12	11 48 31	29° 4'26	24°34	3°58	25°40	28°16	11°57	18° 9	18°19	3°15	26°21	0°D40	29°27	9°40	1°29	M12
T 13	11 52 27	0♈ 3'40	7♉44	5°23	26°52	29° 2	11°53	18° 6	18°22	3°16	26°23	0°40	29°24	9°47	1°32	T 13
W14	11 56 24	1° 2'52	20°32	6°49	28° 5	29°49	11°49	18° 3	18°24	3°16	26°24	0°41	29°21	9°54	1°36	W14
T 15	12 0 20	2° 2'02	3♒ 1	8°17	29°17	0♓36	11°45	18° 0	18°27	3°17	26°26	0°R41	29°18	10° 1	1°39	T 15
F 16	12 4 17	3° 1'11	15°17	9°46	0♓30	1°23	11°41	17°58	18°30	3°17	26°27	0°40	29°14	10° 7	1°43	F 16
S 17	12 8 14	4° 0'17	27°22	11°17	1°43	2°10	11°36	17°55	18°33	3°17	26°29	0°36	29°11	10°14	1°46	S 17
S 18	12 12 10	4°59'21	9♓20	12°50	2°55	2°56	11°31	17°53	18°35	3°18	26°30	0°30	29° 8	10°21	1°50	S 18
M19	12 16 7	5°58'24	21°15	14°24	4° 8	3°43	11°26	17°50	18°38	3°18	26°32	0°22	29° 5	10°27	1°53	M19
T 20	12 20 3	6°57'24	3♈ 7	15°59	5°21	4°30	11°21	17°48	18°40	3°18	26°33	0°10	29° 2	10°34	1°57	T 20
W21	12 24 0	7°56'22	14°58	17°36	6°33	5°17	11°16	17°46	18°43	3°19	26°35	29♋58	28°58	10°41	2° 0	W21
T 22	12 27 56	8°55'19	26°51	19°15	7°46	6° 3	11°11	17°43	18°46	3°19	26°36	29°45	28°55	10°48	2° 3	T 22
F 23	12 31 53	9°54'13	8♉45	20°55	8°59	6°50	11° 5	17°41	18°48	3°19	26°38	29°32	28°52	10°54	2° 7	F 23
S 24	12 35 49	10°53'05	20°44	22°36	10°11	7°37	11° 0	17°39	18°50	3°19	26°39	29°21	28°49	11° 1	2°10	S 24
S 25	12 39 46	11°51'55	2♊49	24°19	11°24	8°23	10°54	17°38	18°53	3°19	26°41	29°13	28°46	11° 8	2°13	S 25
M26	12 43 42	12°50'43	15° 3	26° 4	12°37	9°10	10°48	17°36	18°55	3°19	26°42	29° 7	28°43	11°14	2°17	M26
T 27	12 47 39	13°49'28	27°31	27°50	13°50	9°57	10°42	17°34	18°58	3°19	26°43	29° 4	28°39	11°21	2°20	T 27
W28	12 51 36	14°48'11	10♋15	29°38	15° 2	10°43	10°36	17°33	19° 0	3°R19	26°45	29°D 3	28°36	11°28	2°23	W28
T 29	12 55 32	15°46'52	23°20	1♈27	16°15	11°30	10°30	17°31	19° 2	3°19	26°46	29°R 3	28°33	11°35	2°26	T 29
F 30	12 59 29	16°45'31	6♌51	3°18	17°28	12°16	10°23	17°30	19° 4	3°19	26°48	29° 3	28°30	11°41	2°29	F 30
S 31	13 3 25	17♈44'07	20♌48	5♈10	18♓41	13♓ 3	10♏17	17♌29	19♒ 7	3♉19	26♓49	29♋ 1	28♋27	11♈48	2♓32	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	4s41	21n14	1s30	15s35	0s56	17s26	0s18	16s 3	1s 9	14s23	1n19	16n44	1n33	16s12	0s40	22s30	1n 0	16s27	16s17	19n54	20n13	1s 2	6s14	5n21
F 2	4 18	20 19	0 18	15 24	1 5	17 8	0 21	15 49	1 9	14 23	1 19	16 45	1 33	16 11	0 40	22 30	1 0	16 26	16 17	19 54	20 14	1 0	6 13	5 21
S 3	3 55	18 6	0n58	15 10	1 14	16 50	0 24	15 34	1 9	14 22	1 19	16 46	1 33	16 10	0 40	22 30	1 0	16 26	16 17	19 54	20 14	0 58	6 11	5 21
S 4	3 31	14 40	2 12	14 55	1 22	16 31	0 27	15 19	1 9	14 21	1 19	16 47	1 33	16 9	0 40	22 30	1 0	16 25	16 17	19 55	20 15	0 55	6 10	5 21
M 5	3 8	10 13	3 20	14 39	1 29	16 12	0 30	15 4	1 10	14 20	1 19	16 48	1 33	16 8	0 40	22 30	1 0	16 25	16 17	19 56	20 16	0 53	6 8	5 21
T 6	2 44	5 3	4 14	14 21	1 36	15 53	0 33	14 49	1 10	14 19	1 20	16 49	1 33	16 8	0 40	22 30	1 0	16 24	16 17	19 57	20 16	0 51	6 7	5 21
W 7	2 20	0s27	4 50	14 2	1 43	15 33	0 36	14 33	1 10	14 18	1 20	16 50	1 33	16 7	0 40	22 29	1 0	16 23	16 17	19 59	20 17	0 48	6 6	5 21
T 8	1 57	5 52	5 5	13 42	1 49	15 13	0 39	14 18	1 10	14 17	1 20	16 51	1 33	16 6	0 41	22 29	1 0	16 23	16 17	20 1	20 18	0 46	6 4	5 21
F 9	1 33	10 51	5 0	13 20	1 54	14 52	0 41	14 2	1 11	14 16	1 20	16 52	1 33	16 5	0 41	22 29	1 0	16 22	16 17	20 3	20 18	0 43	6 3	5 21
S 10	1 9	15 5	4 35	12 56	2 0	14 31	0 44	13 46	1 11	14 15	1 20	16 53	1 33	16 4	0 41	22 29	1 0	16 22	16 17	20 4	20 19	0 41	6 2	5 21
S 11	0 46	18 19	3 54	12 31	2 4	14 9	0 47	13 30	1 11	14 13	1 20	16 54	1 33	16 3	0 41	22 29	1 0	16 21	16 17	20 5	20 20	0 39	6 0	5 21
M12	0 22	20 24	3 1	12 5	2 9	13 47	0 49	13 14	1 11	14 12	1 20	16 55	1 33	16 2	0 41	22 29	1 0	16 20	16 17	20 5	20 20	0 36	5 59	5 21
T 13	0n 1	21 18	2 0	11 37	2 12	13 25	0 52	12 58	1 11	14 11	1 20	16 56	1 33	16 1	0 41	22 29	1 0	16 20	16 17	20 5	20 21	0 34	5 58	5 21
W14	0 25	21 4	0 54	11 8	2 16	13 2	0 54	12 42	1 12	14 9	1 21	16 57	1 33	16 1	0 41	22 29	1 0	16 19	16 17	20 5	20 22	0 32	5 56	5 21
T 15	0 49	19 45	0s12	10 38	2 18	12 39	0 57	12 25	1 12	14 8	1 21	16 58	1 33	16 0	0 41	22 29	1 0	16 19	16 17	20 5	20 22	0 29	5 55	5 22
F 16	1 12	17 32	1 17	10 6	2 21	12 15	0 59	12 9	1 12	14 7	1 21	16 59	1 33	15 59	0 41	22 29	1 0	16 18	16 17	20 5	20 23	0 27	5 53	5 22
S 17	1 36	14 35	2 17	9 33	2 23	11 52	1 1	11 52	1 12	14 5	1 21	16 59	1 33	15 58	0 41	22 29	1 0	16 18	16 17	20 6	20 24	0 25	5 52	5 22
S 18	1 59	11 2	3 11	8 59	2 24	11 28	1 4	11 35	1 12	14 4	1 21	17 0	1 33	15 57	0 41	22 29	1 0	16 17	16 17	20 7	20 24	0 22	5 51	5 22
M19	2 23	7 5	3 55	8 23	2 25	11 3	1 6	11 18	1 12	14 2	1 21	17 1	1 33	15 57	0 41	22 29	1 0	16 17	16 17	20 9	20 25	0 20	5 49	5 22
T 20	2 46	2 52	4 29	7 47	2 25	10 38	1 8	11 1	1 13	14 0	1 21	17 2	1 33	15 56	0 41	22 29	1 0	16 16	16 17	20 11	20 26	0 17	5 48	5 22
W21	3 10	1n26	4 51	7 9	2 25	10 13	1 10	10 44	1 13	13 59	1 21	17 2	1 33	15 55	0 41	22 29	1 0	16 16	16 17	20 14	20 26	0 15	5 47	5 22
T 22	3 33	5 42	5 1	6 29	2 25	9 48	1 12	10 27	1 13	13 57	1 21	17 3	1 33	15 54	0 41	22 29	1 0	16 15	16 17	20 17	20 27	0 13	5 46	5 22
F 23	3 56	9 46	4 58	5 49	2 24	9 22	1 14	10 10	1 13	13 55	1 22	17 3	1 33	15 53	0 41	22 29	1 0	16 15	16 17	20 19	20 28	0 10	5 44	5 23
S 24	4 19	13 29	4 41	5 7	2 22	8 57	1 16	9 52	1 13	13 53	1 22	17 4	1 33	15 53	0 41	22 29	1 0	16 14	16 17	20 22	20 28	0 8	5 43	5 23
S 25	4 42	16 41	4 12	4 24	2 20	8 30	1 17	9 35	1 13	13 51	1 22	17 4	1 33	15 52	0 41	22 29	1 0	16 14	16 18	20 23	20 29	0 6	5 42	5 23
M26	5 5	19 12	3 31	3 40	2 17	8 4	1 19	9 18	1 13	13 49	1 22	17 5	1 33	15 51	0 41	22 29	1 0	16 13	16 18	20 25	20 30	0 3	5 40	5 23
T 27	5 28	20 51	2 39	2 55	2 14	7 38	1 21	9 0	1 13	13 48	1 22	17 5	1 32	15 51	0 41	22 29	1 0	16 13	16 18	20 25	20 30	0 1	5 39	5 23
W28	5 51	21 30	1 38	2 9	2 11	7 11	1 22	8 42	1 13	13 46	1 22	17 6	1 32	15 50	0 41	22 29	1 0	16 12	16 18	20 25	20 31	0n 1	5 38	5 23
T 29	6 14	21 0	0 30	1 21	2 6	6 44	1 24	8 25	1 13	13 44	1 22	17 6	1 32	15 49	0 41	22 29	1 0	16 12	16 18	20 25	20 31	0 4	5 37	5 24
F 30	6 37	19 18	0n41	0 33	2 2	6 17	1 25	8 7	1 14	13 42	1 22	17 7	1 32	15 49	0 41	22 29	1 0	16 11	16 18	20 25	20 32	0 6	5 35	5 24
S 31	6n59	16n23	1n52	0n17	1s57	5s49	1s26	7s49	1s14	13s39	1n22	17n 7	1n32	15s48	0s41	22s29	1n 0	16s11	16s18	20n26	20n33	0n 9	5s34	5n24

Julian Day Number = 2206899.5, Delta T = 09m38s
Ecliptic obliquity = 23°31'30, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°23'52, Lahiri = 14°30'52 Julian Calendar 1 March 1330 == Greg. Calendar 9 March 1330

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1330
geocentric

APRIL 1330 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	13 7 22	18♈42'41	5♍14	7♈ 4	19♓53	13♓49	10°R10	17°R27	19♒ 9	3°R19	26♓51	28°R58	28♋23	11♈55	2♓35	S 1
M 2	13 11 18	19°41'13	20° 5	9° 0	21° 6	14°36	10♏ 4	17♌26	19°11	3♉19	26°52	28♋51	28°20	12° 1	2°38	M 2
T 3	13 15 15	20°39'43	5♎15	10°57	22°19	15°22	9°57	17°25	19°13	3°19	26°53	28°42	28°17	12° 8	2°41	T 3
W 4	13 19 11	21°38'10	20°35	12°55	23°32	16° 9	9°50	17°25	19°15	3°19	26°55	28°32	28°14	12°15	2°44	W 4
T 5	13 23 8	22°36'36	5♏52	14°56	24°45	16°55	9°43	17°24	19°17	3°18	26°56	28°21	28°11	12°22	2°47	T 5
F 6	13 27 5	23°35'00	20°57	16°57	25°58	17°41	9°36	17°23	19°19	3°18	26°57	28°11	28° 8	12°28	2°50	F 6
S 7	13 31 1	24°33'23	5♐39	19° 0	27°10	18°28	9°29	17°23	19°21	3°18	26°59	28° 3	28° 4	12°35	2°53	S 7
S 8	13 34 58	25°31'43	19°54	21° 4	28°23	19°14	9°22	17°22	19°23	3°18	27° 0	27°57	28° 1	12°42	2°55	S 8
M 9	13 38 54	26°30'02	3♑38	23°10	29°36	20° 0	9°15	17°22	19°25	3°17	27° 1	27°54	27°58	12°48	2°58	M 9
T 10	13 42 51	27°28'20	16°53	25°17	0♈49	20°47	9° 7	17°22	19°26	3°17	27° 3	27°53	27°55	12°55	3° 1	T 10
W11	13 46 47	28°26'36	29°42	27°24	2° 2	21°33	9° 0	17°D22	19°28	3°16	27° 4	27°52	27°52	13° 2	3° 3	W11
T 12	13 50 44	29°24'51	12♒11	29°33	3°15	22°19	8°53	17°22	19°30	3°16	27° 5	27°52	27°49	13° 9	3° 6	T 12
F 13	13 54 40	0♉23'03	24°23	1♉42	4°28	23° 5	8°45	17°22	19°31	3°15	27° 7	27°51	27°45	13°15	3° 8	F 13
S 14	13 58 37	1°21'15	6♓24	3°51	5°41	23°52	8°38	17°22	19°33	3°15	27° 8	27°47	27°42	13°22	3°11	S 14
S 15	14 2 34	2°19'25	18°18	6° 1	6°54	24°38	8°30	17°23	19°35	3°14	27° 9	27°40	27°39	13°29	3°13	S 15
M16	14 6 30	3°17'33	0♈ 9	8°10	8° 7	25°24	8°23	17°23	19°36	3°14	27°10	27°31	27°36	13°35	3°16	M16
T 17	14 10 27	4°15'39	12° 0	10°19	9°19	26°10	8°15	17°24	19°38	3°13	27°12	27°19	27°33	13°42	3°18	T 17
W18	14 14 23	5°13'44	23°52	12°28	10°32	26°56	8° 7	17°24	19°39	3°13	27°13	27° 6	27°29	13°49	3°20	W18
T 19	14 18 20	6°11'48	5♉48	14°35	11°45	27°42	8° 0	17°25	19°40	3°12	27°14	26°52	27°26	13°56	3°23	T 19
F 20	14 22 16	7° 9'50	17°49	16°41	12°58	28°28	7°52	17°26	19°42	3°11	27°15	26°38	27°23	14° 2	3°25	F 20
S 21	14 26 13	8° 7'50	29°56	18°45	14°11	29°14	7°44	17°27	19°43	3°10	27°16	26°26	27°20	14° 9	3°27	S 21
S 22	14 30 9	9° 5'48	12♊10	20°48	15°24	29°59	7°37	17°28	19°44	3°10	27°18	26°17	27°17	14°16	3°29	S 22
M23	14 34 6	10° 3'45	24°33	22°48	16°37	0♈45	7°29	17°29	19°45	3° 9	27°19	26°11	27°14	14°22	3°31	M23
T 24	14 38 3	11° 1'40	7♋ 7	24°46	17°50	1°31	7°21	17°30	19°47	3° 8	27°20	26° 7	27°10	14°29	3°33	T 24
W25	14 41 59	11°59'33	19°56	26°42	19° 3	2°17	7°14	17°32	19°48	3° 7	27°21	26° 6	27° 7	14°36	3°35	W25
T 26	14 45 56	12°57'25	3♌ 2	28°35	20°16	3° 3	7° 6	17°33	19°49	3° 6	27°22	26°D 6	27° 4	14°43	3°37	T 26
F 27	14 49 52	13°55'14	16°28	0♊25	21°29	3°48	6°59	17°35	19°50	3° 6	27°23	26°R 6	27° 1	14°49	3°39	F 27
S 28	14 53 49	14°53'02	0♍17	2°12	22°42	4°34	6°51	17°37	19°51	3° 5	27°24	26° 5	26°58	14°56	3°41	S 28
S 29	14 57 45	15°50'48	14°30	3°56	23°55	5°19	6°44	17°39	19°52	3° 4	27°25	26° 2	26°54	15° 3	3°43	S 29
M30	15 1 42	16♉48'32	29♍ 6	5♊37	25♈ 8	6♈ 5	6♏36	17♌40	19♒53	3♉ 3	27♓26	25♋57	26♋51	15♈10	3♓44	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	7n21	12n24	2n59	1n 7	1s51	5s22	1s28	7s31	1s14	13s37	1n22	17n 7	1n32	15s47	0s41	22s29	1n 0	16s10	16s18	20n26	20n33	0n11	5s33	5n24
M 2	7 44	7 32	3 55	1 59	1 45	4 54	1 29	7 13	1 14	13 35	1 22	17 7	1 32	15 47	0 41	22 29	1 0	16 10	16 19	20 28	20 34	0 13	5 32	5 24
T 3	8 6	2 8	4 36	2 51	1 38	4 26	1 30	6 55	1 14	13 33	1 22	17 8	1 32	15 46	0 41	22 29	1 0	16 10	16 19	20 30	20 35	0 16	5 30	5 24
W 4	8 28	3s28	4 58	3 44	1 31	3 58	1 31	6 37	1 14	13 31	1 22	17 8	1 32	15 45	0 41	22 29	1 0	16 9	16 19	20 32	20 35	0 18	5 29	5 25
T 5	8 50	8 50	4 58	4 37	1 23	3 30	1 32	6 19	1 14	13 29	1 22	17 8	1 32	15 45	0 41	22 29	1 0	16 9	16 19	20 34	20 36	0 21	5 28	5 25
F 6	9 11	13 36	4 37	5 32	1 15	3 2	1 33	6 1	1 14	13 26	1 22	17 8	1 32	15 44	0 41	22 29	1 0	16 8	16 19	20 36	20 37	0 23	5 27	5 25
S 7	9 33	17 24	3 59	6 27	1 7	2 34	1 34	5 43	1 14	13 24	1 22	17 8	1 32	15 44	0 41	22 29	1 0	16 8	16 19	20 38	20 37	0 25	5 26	5 25
S 8	9 54	20 3	3 6	7 22	0 58	2 5	1 34	5 24	1 14	13 22	1 22	17 8	1 32	15 43	0 41	22 29	1 0	16 8	16 19	20 39	20 38	0 28	5 24	5 25
M 9	10 16	21 24	2 4	8 17	0 48	1 37	1 35	5 6	1 14	13 20	1 22	17 8	1 32	15 43	0 41	22 29	1 0	16 7	16 20	20 39	20 39	0 30	5 23	5 26
T 10	10 37	21 30	0 58	9 13	0 39	1 8	1 36	4 48	1 14	13 17	1 22	17 8	1 31	15 42	0 41	22 29	1 1	16 7	16 20	20 40	20 39	0 33	5 22	5 26
W11	10 58	20 27	0s10	10 9	0 29	0 39	1 36	4 29	1 14	13 15	1 22	17 8	1 31	15 41	0 42	22 29	1 1	16 6	16 20	20 40	20 40	0 35	5 21	5 26
T 12	11 18	18 24	1 15	11 4	0 18	0 11	1 36	4 11	1 14	13 13	1 22	17 8	1 31	15 41	0 42	22 29	1 1	16 6	16 20	20 40	20 40	0 37	5 20	5 26
F 13	11 39	15 34	2 15	11 59	0 8	0n18	1 37	3 53	1 14	13 10	1 22	17 8	1 31	15 40	0 42	22 29	1 1	16 6	16 20	20 40	20 41	0 40	5 19	5 26
S 14	11 59	12 6	3 8	12 53	0n 3	0 47	1 37	3 34	1 13	13 8	1 22	17 8	1 31	15 40	0 42	22 29	1 1	16 5	16 21	20 41	20 42	0 42	5 18	5 27
S 15	12 19	8 12	3 53	13 47	0 13	1 15	1 37	3 16	1 13	13 6	1 22	17 8	1 31	15 40	0 42	22 29	1 1	16 5	16 21	20 42	20 42	0 44	5 17	5 27
M16	12 39	4 1	4 27	14 40	0 24	1 44	1 37	2 57	1 13	13 3	1 22	17 7	1 31	15 39	0 42	22 29	1 1	16 5	16 21	20 44	20 43	0 47	5 16	5 27
T 17	12 59	0n19	4 49	15 31	0 35	2 13	1 38	2 39	1 13	13 1	1 22	17 7	1 31	15 39	0 42	22 29	1 1	16 5	16 21	20 46	20 44	0 49	5 14	5 27
W18	13 19	4 39	4 59	16 21	0 45	2 42	1 38	2 21	1 13	12 58	1 22	17 7	1 31	15 38	0 42	22 28	1 1	16 4	16 21	20 49	20 44	0 52	5 13	5 28
T 19	13 38	8 51	4 56	17 9	0 55	3 10	1 37	2 2	1 13	12 56	1 22	17 7	1 31	15 38	0 42	22 28	1 1	16 4	16 22	20 52	20 45	0 54	5 12	5 28
F 20	13 57	12 43	4 40	17 55	1 5	3 39	1 37	1 44	1 13	12 53	1 22	17 6	1 31	15 37	0 42	22 28	1 1	16 4	16 22	20 54	20 45	0 56	5 11	5 28
S 21	14 16	16 7	4 11	18 40	1 15	4 7	1 37	1 25	1 13	12 51	1 22	17 6	1 31	15 37	0 42	22 28	1 1	16 3	16 22	20 56	20 46	0 59	5 10	5 28
S 22	14 35	18 52	3 30	19 22	1 24	4 36	1 37	1 7	1 13	12 49	1 22	17 5	1 30	15 37	0 42	22 28	1 1	16 3	16 22	20 58	20 47	1 1	5 9	5 28
M23	14 53	20 46	2 39	20 2	1 33	5 4	1 36	0 48	1 13	12 46	1 22	17 5	1 30	15 36	0 42	22 28	1 1	16 3	16 23	20 59	20 47	1 4	5 8	5 29
T 24	15 11	21 41	1 39	20 39	1 41	5 33	1 36	0 30	1 12	12 44	1 22	17 4	1 30	15 36	0 42	22 28	1 1	16 3	16 23	21 0	20 48	1 6	5 7	5 29
W25	15 29	21 30	0 33	21 14	1 48	6 1	1 35	0 12	1 12	12 41	1 22	17 4	1 30	15 36	0 42	22 28	1 1	16 3	16 23	21 0	20 49	1 9	5 7	5 29
T 26	15 47	20 9	0n37	21 47	1 55	6 29	1 35	0n 7	1 12	12 39	1 21	17 3	1 30	15 35	0 42	22 28	1 1	16 2	16 23	21 0	20 49	1 11	5 6	5 29
F 27	16 4	17 38	1 46	22 17	2 1	6 57	1 34	0 25	1 12	12 37	1 21	17 3	1 30	15 35	0 42	22 28	1 1	16 2	16 24	21 0	20 50	1 13	5 5	5 30
S 28	16 22	14 4	2 51	22 44	2 6	7 25	1 33	0 43	1 12	12 34	1 21	17 2	1 30	15 35	0 42	22 28	1 1	16 2	16 24	21 0	20 50	1 16	5 4	5 30
S 29	16 38	9 37	3 47	23 9	2 11	7 53	1 33	1 2	1 12	12 32	1 21	17 2	1 30	15 35	0 42	22 29	1 1	16 2	16 24	21 1	20 51	1 18	5 3	5 30
M30	16n55	4n29	4n30	23n32	2n15	8n20	1s32	1n20	1s11	12s30	1n21	17n 1	1n30	15s34	0s42	22s29	1n 1	16s 2	16s24	21n 2	20n52	1n21	5s 2	5n31

Julian Day Number = 2206930.5, Delta T = 09m38s
Ecliptic obliquity = 23°31'31, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°23'56, Lahiri = 14°30'56 Julian Calendar 1 Apr. 1330 == Greg. Calendar 9 Apr. 1330

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ASTRODIENST EPHEMERIS for the year 1330
geocentric

MAY 1330 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	15 5 38	17♉46'15	14♎ 0	7♊14	26♈21	6♈50	6°R29	17♌42	19♒53	3°R 2	27♓27	25°R50	26♋48	15♈16	3♓46	T 1
W 2	15 9 35	18°43'56	29° 6	8°48	27°34	7°36	6♏21	17°45	19°54	3♑ 1	27°28	25♋40	26°45	15°23	3°48	W 2
T 3	15 13 32	19°41'36	14♏13	10°19	28°47	8°21	6°14	17°47	19°55	3° 0	27°29	25°31	26°42	15°30	3°49	T 3
F 4	15 17 28	20°39'14	29°11	11°47	0♉ 0	9° 7	6° 7	17°49	19°56	2°59	27°30	25°22	26°39	15°36	3°51	F 4
S 5	15 21 25	21°36'51	13♐52	13°11	1°13	9°52	6° 0	17°51	19°56	2°57	27°31	25°14	26°35	15°43	3°52	S 5
S 6	15 25 21	22°34'27	28° 9	14°32	2°26	10°37	5°53	17°54	19°57	2°56	27°32	25° 9	26°32	15°50	3°54	S 6
M 7	15 29 18	23°32'02	11♑58	15°49	3°39	11°22	5°46	17°57	19°57	2°55	27°33	25° 6	26°29	15°57	3°55	M 7
T 8	15 33 14	24°29'36	25°18	17° 3	4°53	12° 8	5°39	17°59	19°58	2°54	27°34	25°D 6	26°26	16° 3	3°56	T 8
W 9	15 37 11	25°27'09	8♒13	18°13	6° 6	12°53	5°32	18° 2	19°58	2°53	27°35	25° 6	26°23	16°10	3°58	W 9
T 10	15 41 7	26°24'41	20°45	19°19	7°19	13°38	5°25	18° 5	19°59	2°52	27°36	25°R 7	26°20	16°17	3°59	T 10
F 11	15 45 4	27°22'12	3♓ 0	20°22	8°32	14°23	5°19	18° 8	19°59	2°50	27°37	25° 7	26°16	16°23	4° 0	F 11
S 12	15 49 1	28°19'42	15° 2	21°20	9°45	15° 8	5°12	18°11	19°59	2°49	27°38	25° 5	26°13	16°30	4° 1	S 12
S 13	15 52 57	29°17'11	26°56	22°15	10°58	15°53	5° 5	18°14	19°59	2°48	27°39	25° 2	26°10	16°37	4° 2	S 13
M14	15 56 54	0♊14'40	8♈47	23° 6	12°11	16°38	4°59	18°17	20° 0	2°47	27°39	24°56	26° 7	16°44	4° 3	M14
T 15	16 0 50	1°12'07	20°39	23°53	13°24	17°22	4°53	18°21	20° 0	2°45	27°40	24°48	26° 4	16°50	4° 4	T 15
W16	16 4 47	2° 9'34	2♉34	24°36	14°37	18° 7	4°47	18°24	20° 0	2°44	27°41	24°39	26° 0	16°57	4° 5	W16
T 17	16 8 43	3° 7'00	14°36	25°15	15°51	18°52	4°41	18°28	20°R 0	2°43	27°42	24°29	25°57	17° 4	4° 6	T 17
F 18	16 12 40	4° 4'25	26°45	25°49	17° 4	19°37	4°35	18°31	20° 0	2°41	27°42	24°20	25°54	17°11	4° 6	F 18
S 19	16 16 36	5° 1'50	9♊ 3	26°19	18°17	20°21	4°29	18°35	20° 0	2°40	27°43	24°12	25°51	17°17	4° 7	S 19
S 20	16 20 33	5°59'13	21°31	26°45	19°30	21° 6	4°23	18°39	20° 0	2°39	27°44	24° 5	25°48	17°24	4° 8	S 20
M21	16 24 30	6°56'36	4♋10	27° 6	20°43	21°50	4°18	18°43	20° 0	2°37	27°44	24° 1	25°45	17°31	4° 8	M21
T 22	16 28 26	7°53'58	17° 0	27°22	21°57	22°35	4°13	18°47	19°59	2°36	27°45	24° 0	25°41	17°37	4° 9	T 22
W23	16 32 23	8°51'18	0♌ 2	27°34	23°10	23°19	4° 7	18°51	19°59	2°34	27°46	23°D59	25°38	17°44	4° 9	W23
T 24	16 36 19	9°48'38	13°19	27°42	24°23	24° 3	4° 2	18°55	19°59	2°33	27°46	24° 0	25°35	17°51	4°10	T 24
F 25	16 40 16	10°45'57	26°51	27°R45	25°36	24°47	3°57	18°59	19°58	2°31	27°47	24° 2	25°32	17°58	4°10	F 25
S 26	16 44 12	11°43'14	10♍40	27°43	26°49	25°32	3°53	19° 3	19°58	2°30	27°47	24°R 2	25°29	18° 4	4°10	S 26
S 27	16 48 9	12°40'31	24°45	27°37	28° 3	26°16	3°48	19° 8	19°58	2°28	27°48	24° 2	25°26	18°11	4°10	S 27
M28	16 52 5	13°37'46	9♎ 6	27°26	29°16	27° 0	3°43	19°12	19°57	2°27	27°48	23°59	25°22	18°18	4°11	M28
T 29	16 56 2	14°35'01	23°41	27°12	0♊29	27°44	3°39	19°17	19°57	2°25	27°49	23°56	25°19	18°24	4°11	T 29
W30	16 59 59	15°32'15	8♏23	26°54	1°42	28°28	3°35	19°21	19°56	2°24	27°49	23°51	25°16	18°31	4°R11	W30
T 31	17 3 55	16♊29'28	23♏ 7	26♊31	2♊56	29♈12	3♏31	19♌26	19♒55	2♑22	27♓50	23♋45	25♋13	18♈38	4♓11	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17n11	1s 0	4n56	23n52	2n18	8n48	1s31	1n38	1s11	12s27	1n21	17n 0	1n30	15s34	0s42	22s29	1n 1	16s 1	16s25	21n 3	20n52	1n23	5s 1	5n31
W 2	17 28	6 29	5 2	24 9	2 20	9 15	1 30	1 56	1 11	12 25	1 21	17 0	1 30	15 34	0 42	22 29	1 1	16 1	16 25	21 5	20 53	1 25	5 0	5 31
T 3	17 43	11 36	4 47	24 25	2 22	9 42	1 29	2 15	1 11	12 23	1 21	16 59	1 30	15 34	0 42	22 29	1 1	16 1	16 25	21 7	20 53	1 28	5 0	5 31
F 4	17 59	15 57	4 12	24 38	2 22	10 9	1 28	2 33	1 11	12 21	1 20	16 58	1 29	15 34	0 42	22 29	1 1	16 1	16 26	21 9	20 54	1 30	4 59	5 32
S 5	18 14	19 13	3 21	24 48	2 22	10 35	1 27	2 51	1 10	12 18	1 20	16 57	1 29	15 33	0 42	22 29	1 1	16 1	16 26	21 10	20 55	1 33	4 58	5 32
S 6	18 29	21 12	2 18	24 57	2 21	11 1	1 26	3 9	1 10	12 16	1 20	16 56	1 29	15 33	0 42	22 29	1 1	16 1	16 26	21 11	20 55	1 35	4 57	5 32
M 7	18 43	21 50	1 10	25 4	2 19	11 28	1 24	3 27	1 10	12 14	1 20	16 55	1 29	15 33	0 43	22 29	1 1	16 1	16 26	21 11	20 56	1 38	4 57	5 32
T 8	18 58	21 10	0s 1	25 9	2 16	11 53	1 23	3 45	1 10	12 12	1 20	16 54	1 29	15 33	0 43	22 29	1 1	16 1	16 27	21 11	20 57	1 40	4 56	5 33
W 9	19 12	19 24	1 10	25 11	2 12	12 19	1 22	4 3	1 9	12 10	1 20	16 54	1 29	15 33	0 43	22 29	1 1	16 1	16 27	21 11	20 57	1 42	4 55	5 33
T 10	19 25	16 43	2 13	25 12	2 7	12 44	1 20	4 20	1 9	12 8	1 19	16 53	1 29	15 33	0 43	22 29	1 1	16 1	16 27	21 11	20 58	1 45	4 54	5 33
F 11	19 39	13 22	3 8	25 12	2 2	13 9	1 19	4 38	1 9	12 6	1 19	16 52	1 29	15 33	0 43	22 29	1 1	16 0	16 28	21 11	20 58	1 47	4 54	5 33
S 12	19 52	9 31	3 54	25 10	1 56	13 34	1 17	4 56	1 8	12 4	1 19	16 51	1 29	15 33	0 43	22 29	1 1	16 0	16 28	21 12	20 59	1 50	4 53	5 34
S 13	20 4	5 21	4 30	25 6	1 48	13 58	1 16	5 13	1 8	12 2	1 19	16 49	1 29	15 33	0 43	22 29	1 1	16 0	16 28	21 12	21 0	1 52	4 53	5 34
M14	20 16	1 0	4 54	25 1	1 40	14 23	1 14	5 31	1 8	12 0	1 19	16 48	1 29	15 33	0 43	22 29	1 1	16 0	16 29	21 13	21 0	1 54	4 52	5 34
T 15	20 28	3n23	5 5	24 54	1 31	14 46	1 12	5 48	1 7	11 58	1 19	16 47	1 29	15 33	0 43	22 29	1 1	16 0	16 29	21 15	21 1	1 57	4 51	5 35
W16	20 40	7 40	5 3	24 46	1 22	15 10	1 11	6 6	1 7	11 56	1 18	16 46	1 29	15 33	0 43	22 29	1 1	16 0	16 29	21 16	21 1	1 59	4 51	5 35
T 17	20 51	11 42	4 47	24 37	1 11	15 33	1 9	6 23	1 7	11 54	1 18	16 45	1 28	15 33	0 43	22 29	1 1	16 0	16 30	21 18	21 2	2 2	4 50	5 35
F 18	21 2	15 18	4 19	24 27	1 0	15 55	1 7	6 40	1 6	11 52	1 18	16 44	1 28	15 33	0 43	22 29	1 1	16 0	16 30	21 20	21 3	2 4	4 50	5 35
S 19	21 13	18 18	3 38	24 16	0 48	16 18	1 5	6 58	1 6	11 50	1 18	16 43	1 28	15 33	0 43	22 29	1 1	16 0	16 30	21 21	21 3	2 7	4 49	5 36
S 20	21 23	20 30	2 46	24 4	0 35	16 39	1 3	7 15	1 6	11 49	1 18	16 41	1 28	15 33	0 43	22 29	1 1	16 0	16 31	21 22	21 4	2 9	4 49	5 36
M21	21 33	21 43	1 45	23 51	0 21	17 1	1 1	7 32	1 5	11 47	1 17	16 40	1 28	15 33	0 43	22 29	1 1	16 0	16 31	21 23	21 4	2 11	4 48	5 36
T 22	21 42	21 49	0 38	23 37	0 7	17 22	0 59	7 49	1 5	11 46	1 17	16 39	1 28	15 33	0 43	22 29	1 1	16 1	16 31	21 23	21 5	2 14	4 48	5 37
W23	21 51	20 45	0n33	23 22	0s 8	17 42	0 57	8 5	1 5	11 44	1 17	16 37	1 28	15 33	0 43	22 29	1 1	16 1	16 32	21 23	21 5	2 16	4 47	5 37
T 24	22 0	18 31	1 43	23 7	0 23	18 3	0 55	8 22	1 4	11 42	1 17	16 36	1 28	15 33	0 43	22 29	1 1	16 1	16 32	21 23	21 6	2 19	4 47	5 37
F 25	22 8	15 14	2 48	22 51	0 39	18 22	0 53	8 39	1 4	11 41	1 16	16 35	1 28	15 33	0 43	22 29	1 1	16 1	16 32	21 23	21 7	2 21	4 47	5 37
S 26	22 16	11 4	3 46	22 35	0 55	18 41	0 51	8 55	1 3	11 40	1 16	16 33	1 28	15 34	0 43	22 29	1 1	16 1	16 33	21 23	21 7	2 24	4 46	5 38
S 27	22 24	6 14	4 31	22 18	1 12	19 0	0 49	9 12	1 3	11 38	1 16	16 32	1 28	15 34	0 43	22 29	1 1	16 1	16 33	21 23	21 8	2 26	4 46	5 38
M28	22 31	0 58	5 0	22 1	1 29	19 18	0 47	9 28	1 3	11 37	1 16	16 30	1 28	15 34	0 43	22 29	1 1	16 1	16 33	21 23	21 8	2 29	4 45	5 38
T 29	22 38	4s25	5 10	21 44	1 46	19 36	0 44	9 44	1 2	11 36	1 15	16 29	1 28	15 34	0 43	22 29	1 1	16 1	16 34	21 24	21 9	2 31	4 45	5 39
W30	22 44	9 37	5 0	21 27	2 2	19 53	0 42	10 0	1 2	11 35	1 15	16 27	1 28	15 34	0 43	22 29	1 1	16 1	16 34	21 25	21 10	2 33	4 45	5 39
T 31	22n50	14s15	4n30	21n10	2s19	20n10	0s40	10n16	1s 1	11s33	1n15	16n26	1n28	15s35	0s43	22s29	1n 1	16s 1	16s35	21n26	21n10	2n36	4s45	5n39

Julian Day Number = 2206960.5, Delta T = 09m38s
Ecliptic obliquity = 23°31'30, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°24'00, Lahiri = 14°31'00 Julian Calendar 1 May 1330 == Greg. Calendar 9 May 1330

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ASTRODIENST EPHEMERIS for the year 1330
geocentric

JUNE 1330 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	17 7 52	17♊26'41	7♐45	26°R 6	4♊ 9	29♈55	3°R27	19♌31	19°R55	2°R21	27♓50	23°R40	25♋10	18♈45	4°R11	F 1
S 2	17 11 48	18°23'53	22°10	25♊38	5°22	0♉39	3♏24	19°36	19♒54	2♑19	27°51	23♋36	25° 6	18°51	4♓11	S 2
S 3	17 15 45	19°21'05	6♑16	25° 7	6°36	1°23	3°20	19°41	19°53	2°18	27°51	23°33	25° 3	18°58	4°10	S 3
M 4	17 19 41	20°18'16	20° 0	24°35	7°49	2° 6	3°17	19°46	19°52	2°16	27°52	23°D32	25° 0	19° 5	4°10	M 4
T 5	17 23 38	21°15'27	3♒19	24° 1	9° 2	2°50	3°13	19°51	19°52	2°15	27°52	23°32	24°57	19°12	4°10	T 5
W 6	17 27 34	22°12'38	16°15	23°26	10°16	3°33	3°10	19°56	19°51	2°13	27°52	23°33	24°54	19°18	4°10	W 6
T 7	17 31 31	23° 9'49	28°50	22°51	11°29	4°17	3° 8	20° 1	19°50	2°11	27°53	23°35	24°51	19°25	4° 9	T 7
F 8	17 35 28	24° 7'00	11♓ 8	22°16	12°42	5° 0	3° 5	20° 6	19°49	2°10	27°53	23°37	24°47	19°32	4° 9	F 8
S 9	17 39 24	25° 4'11	23°12	21°42	13°56	5°43	3° 3	20°11	19°48	2° 8	27°53	23°R37	24°44	19°38	4° 8	S 9
S 10	17 43 21	26° 1'21	5♈ 9	21°10	15° 9	6°27	3° 0	20°17	19°47	2° 7	27°53	23°37	24°41	19°45	4° 8	S 10
M11	17 47 17	26°58'32	17° 2	20°40	16°23	7°10	2°58	20°22	19°46	2° 5	27°54	23°35	24°38	19°52	4° 7	M11
T 12	17 51 14	27°55'43	28°55	20°13	17°36	7°53	2°56	20°28	19°44	2° 3	27°54	23°33	24°35	19°59	4° 6	T 12
W13	17 55 10	28°52'54	10♉54	19°48	18°50	8°36	2°54	20°33	19°43	2° 2	27°54	23°29	24°32	20° 5	4° 6	W13
T 14	17 59 7	29°50'05	23° 1	19°27	20° 3	9°19	2°53	20°39	19°42	2° 0	27°54	23°25	24°28	20°12	4° 5	T 14
F 15	18 3 3	0♋47'17	5♊18	19°10	21°17	10° 2	2°51	20°45	19°41	1°58	27°54	23°22	24°25	20°19	4° 4	F 15
S 16	18 7 0	1°44'28	17°48	18°58	22°30	10°44	2°50	20°51	19°39	1°57	27°54	23°19	24°22	20°26	4° 3	S 16
S 17	18 10 57	2°41'40	0♋32	18°50	23°44	11°27	2°49	20°57	19°38	1°55	27°54	23°16	24°19	20°32	4° 2	S 17
M18	18 14 53	3°38'51	13°30	18°D46	24°57	12°10	2°48	21° 2	19°37	1°54	27°54	23°15	24°16	20°39	4° 1	M18
T 19	18 18 50	4°36'03	26°42	18°48	26°11	12°52	2°47	21° 8	19°35	1°52	27°54	23°D15	24°12	20°46	4° 0	T 19
W20	18 22 46	5°33'15	10♌ 7	18°54	27°24	13°35	2°47	21°14	19°34	1°50	27°R54	23°16	24° 9	20°52	3°59	W20
T 21	18 26 43	6°30'26	23°44	19° 6	28°38	14°17	2°47	21°20	19°32	1°49	27°54	23°17	24° 6	20°59	3°58	T 21
F 22	18 30 39	7°27'38	7♍33	19°22	29°52	15° 0	2°D46	21°27	19°31	1°47	27°54	23°18	24° 3	21° 6	3°56	F 22
S 23	18 34 36	8°24'49	21°31	19°44	1♋ 5	15°42	2°47	21°33	19°29	1°46	27°54	23°19	24° 0	21°13	3°55	S 23
S 24	18 38 32	9°22'00	5♎39	20°11	2°19	16°24	2°47	21°39	19°27	1°44	27°54	23°R19	23°57	21°19	3°54	S 24
M25	18 42 29	10°19'12	19°53	20°44	3°33	17° 6	2°47	21°45	19°26	1°42	27°54	23°19	23°53	21°26	3°53	M25
T 26	18 46 26	11°16'23	4♏12	21°21	4°46	17°48	2°48	21°52	19°24	1°41	27°54	23°18	23°50	21°33	3°51	T 26
W27	18 50 22	12°13'34	18°32	22° 4	6° 0	18°30	2°49	21°58	19°22	1°39	27°54	23°17	23°47	21°39	3°50	W27
T 28	18 54 19	13°10'46	2♐49	22°52	7°14	19°12	2°49	22° 4	19°20	1°38	27°54	23°16	23°44	21°46	3°48	T 28
F 29	18 58 15	14° 7'57	16°59	23°45	8°27	19°53	2°51	22°11	19°19	1°36	27°54	23°15	23°41	21°53	3°47	F 29
S 30	19 2 12	15♋ 5'10	0♑59	24♊43	9♋41	20♉35	2♏52	22♌17	19♒17	1♑34	27♓53	23♋14	23♋38	22♈ 0	3♓45	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22n56	18s 0	3n43	20n53	2s35	20n26	0s38	10n32	1s 1	11s32	1n15	16n24	1n27	15s35	0s43	22s29	1n 1	16s 2	16s35	21n27	21n11	2n38	4s44	5n39
S 2	23 1	20 35	2 42	20 36	2 51	20 42	0 35	10 48	1 0	11 31	1 14	16 23	1 27	15 35	0 44	22 29	1 1	16 2	16 35	21 27	21 11	2 41	4 44	5 40
S 3	23 6	21 50	1 33	20 20	3 6	20 57	0 33	11 4	1 0	11 30	1 14	16 21	1 27	15 35	0 44	22 29	1 1	16 2	16 36	21 28	21 12	2 43	4 44	5 40
M 4	23 10	21 43	0 19	20 4	3 21	21 11	0 31	11 19	0 59	11 30	1 14	16 19	1 27	15 36	0 44	22 29	1 1	16 2	16 36	21 28	21 12	2 46	4 44	5 40
T 5	23 14	20 21	0s53	19 49	3 34	21 25	0 28	11 35	0 59	11 29	1 14	16 18	1 27	15 36	0 44	22 29	1 1	16 2	16 36	21 28	21 13	2 48	4 44	5 41
W 6	23 18	17 57	2 1	19 35	3 47	21 38	0 26	11 50	0 58	11 28	1 13	16 16	1 27	15 36	0 44	22 29	1 1	16 3	16 37	21 28	21 14	2 51	4 43	5 41
T 7	23 21	14 45	3 1	19 22	3 58	21 51	0 24	12 5	0 58	11 27	1 13	16 14	1 27	15 37	0 44	22 29	1 1	16 3	16 37	21 27	21 14	2 53	4 43	5 41
F 8	23 24	10 59	3 51	19 11	4 8	22 3	0 21	12 20	0 57	11 27	1 13	16 13	1 27	15 37	0 44	22 29	1 1	16 3	16 38	21 27	21 15	2 55	4 43	5 41
S 9	23 26	6 50	4 30	19 0	4 16	22 15	0 19	12 35	0 57	11 26	1 13	16 11	1 27	15 37	0 44	22 29	1 1	16 3	16 38	21 27	21 15	2 58	4 43	5 42
S 10	23 28	2 30	4 57	18 51	4 24	22 25	0 16	12 50	0 56	11 25	1 12	16 9	1 27	15 38	0 44	22 29	1 1	16 3	16 38	21 27	21 16	3 0	4 43	5 42
M11	23 29	1n55	5 11	18 43	4 29	22 36	0 14	13 4	0 56	11 25	1 12	16 7	1 27	15 38	0 44	22 29	1 1	16 4	16 39	21 27	21 16	3 3	4 43	5 42
T 12	23 31	6 16	5 12	18 37	4 33	22 45	0 12	13 19	0 55	11 25	1 12	16 5	1 27	15 39	0 44	22 29	1 1	16 4	16 39	21 28	21 17	3 5	4 43	5 42
W13	23 31	10 25	4 59	18 33	4 36	22 54	0 9	13 33	0 55	11 24	1 12	16 4	1 27	15 39	0 44	22 29	1 1	16 4	16 39	21 28	21 18	3 8	4 43	5 43
T 14	23 31	14 11	4 33	18 30	4 37	23 2	0 7	13 48	0 54	11 24	1 11	16 2	1 27	15 39	0 44	22 29	1 1	16 5	16 40	21 29	21 18	3 10	4 43	5 43
F 15	23 31	17 26	3 54	18 29	4 37	23 10	0 4	14 2	0 54	11 24	1 11	16 0	1 27	15 40	0 44	22 30	1 1	16 5	16 40	21 30	21 19	3 13	4 43	5 43
S 16	23 31	19 56	3 3	18 30	4 35	23 17	0 2	14 16	0 53	11 23	1 11	15 58	1 27	15 40	0 44	22 30	1 1	16 5	16 40	21 30	21 19	3 15	4 43	5 44
S 17	23 30	21 30	2 2	18 32	4 32	23 23	0n 1	14 29	0 52	11 23	1 11	15 56	1 27	15 41	0 44	22 30	1 1	16 5	16 41	21 31	21 20	3 17	4 43	5 44
M18	23 28	21 57	0 53	18 36	4 28	23 29	0 3	14 43	0 52	11 23	1 10	15 54	1 27	15 41	0 44	22 30	1 1	16 6	16 41	21 31	21 20	3 20	4 44	5 44
T 19	23 27	21 12	0n19	18 42	4 22	23 34	0 5	14 57	0 51	11 23	1 10	15 52	1 27	15 42	0 44	22 30	1 1	16 6	16 42	21 31	21 21	3 22	4 44	5 44
W20	23 24	19 15	1 32	18 49	4 16	23 38	0 8	15 10	0 51	11 23	1 10	15 50	1 27	15 42	0 44	22 30	1 1	16 6	16 42	21 31	21 22	3 25	4 44	5 45
T 21	23 22	16 11	2 40	18 58	4 8	23 41	0 10	15 23	0 50	11 24	1 9	15 48	1 27	15 43	0 44	22 30	1 1	16 7	16 42	21 31	21 22	3 27	4 44	5 45
F 22	23 19	12 11	3 41	19 7	3 59	23 44	0 13	15 36	0 49	11 24	1 9	15 46	1 27	15 43	0 44	22 30	1 1	16 7	16 43	21 30	21 23	3 30	4 44	5 45
S 23	23 15	7 29	4 29	19 19	3 50	23 46	0 15	15 49	0 49	11 24	1 9	15 44	1 26	15 44	0 44	22 30	1 1	16 7	16 43	21 30	21 23	3 32	4 44	5 45
S 24	23 12	2 21	5 1	19 31	3 39	23 48	0 17	16 2	0 48	11 24	1 9	15 42	1 26	15 44	0 44	22 30	1 1	16 8	16 43	21 30	21 24	3 35	4 45	5 46
M25	23 7	2s56	5 15	19 44	3 28	23 48	0 20	16 15	0 48	11 25	1 8	15 40	1 26	15 45	0 44	22 30	1 1	16 8	16 44	21 30	21 24	3 37	4 45	5 46
T 26	23 3	8 6	5 10	19 58	3 17	23 48	0 22	16 27	0 47	11 25	1 8	15 38	1 26	15 45	0 44	22 30	1 1	16 9	16 44	21 30	21 25	3 40	4 45	5 46
W27	22 58	12 49	4 46	20 13	3 5	23 47	0 24	16 39	0 46	11 26	1 8	15 36	1 26	15 46	0 44	22 30	1 1	16 9	16 45	21 30	21 25	3 42	4 46	5 46
T 28	22 52	16 48	4 4	20 28	2 52	23 46	0 26	16 51	0 46	11 26	1 8	15 34	1 26	15 47	0 44	22 30	1 1	16 9	16 45	21 31	21 26	3 45	4 46	5 46
F 29	22 46	19 47	3 7	20 44	2 39	23 44	0 29	17 3	0 45	11 27	1 7	15 32	1 26	15 47	0 44	22 30	1 1	16 10	16 45	21 31	21 26	3 47	4 46	5 47
S 30	22n40	21s31	2n 0	21n 0	2s25	23n41	0n31	17n15	0s44	11s28	1n 7	15n29	1n26	15s48	0s44	22s30	1n 1	16s10	16s46	21n31	21n27	3n49	4s47	5n47

Julian Day Number = 2206991.5, Delta T = 09m38s
Ecliptic obliquity = 23°31'30, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°24'04, Lahiri = 14°31'05 Julian Calendar 1 June 1330 == Greg. Calendar 9 June 1330

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ASTRODIENST EPHEMERIS for the year 1330
geocentric

JULY 1330 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	19 6 8	16♋ 2'22	14♎44	25♊46	10♋55	21♉17	2♏53	22♌24	19°R15	1°R33	27°R53	23°R14	23♋34	22♈ 6	3°R43	S 1
M 2	19 10 5	16°59'35	28°12	26°54	12° 9	21°58	2°55	22°31	19♒13	1♎31	27♓53	23°D14	23°31	22°13	3♓42	M 2
T 3	19 14 2	17°56'48	11♒21	28° 6	13°22	22°40	2°57	22°37	19°11	1°30	27°53	23♋14	23°28	22°20	3°40	T 3
W 4	19 17 58	18°54'03	24°12	29°23	14°36	23°21	2°59	22°44	19° 9	1°28	27°52	23°14	23°25	22°27	3°38	W 4
T 5	19 21 55	19°51'17	6♓45	0♋45	15°50	24° 2	3° 1	22°51	19° 7	1°27	27°52	23°15	23°22	22°33	3°36	T 5
F 6	19 25 51	20°48'33	19° 3	2°12	17° 4	24°43	3° 3	22°58	19° 5	1°25	27°52	23°15	23°18	22°40	3°34	F 6
S 7	19 29 48	21°45'50	1♈ 9	3°42	18°18	25°25	3° 6	23° 4	19° 3	1°24	27°51	23°15	23°15	22°47	3°32	S 7
S 8	19 33 44	22°43'07	13° 6	5°17	19°32	26° 6	3° 9	23°11	19° 1	1°22	27°51	23°15	23°12	22°53	3°30	S 8
M 9	19 37 41	23°40'25	25° 0	6°56	20°45	26°46	3°11	23°18	18°59	1°21	27°51	23°15	23° 9	23° 0	3°28	M 9
T 10	19 41 37	24°37'45	6♉54	8°39	21°59	27°27	3°15	23°25	18°57	1°19	27°50	23°15	23° 6	23° 7	3°26	T 10
W11	19 45 34	25°35'05	18°54	10°25	23°13	28° 8	3°18	23°32	18°55	1°18	27°50	23°16	23° 3	23°14	3°24	W11
T 12	19 49 30	26°32'27	1♊ 3	12°14	24°27	28°49	3°21	23°39	18°53	1°16	27°49	23°16	22°59	23°20	3°22	T 12
F 13	19 53 27	27°29'50	13°26	14° 7	25°41	29°29	3°25	23°46	18°51	1°15	27°49	23°16	22°56	23°27	3°20	F 13
S 14	19 57 24	28°27'13	26° 5	16° 2	26°55	0♊10	3°28	23°53	18°48	1°14	27°48	23°17	22°53	23°34	3°18	S 14
S 15	20 1 20	29°24'38	9♋ 2	17°59	28° 9	0°50	3°32	24° 0	18°46	1°12	27°48	23°17	22°50	23°41	3°15	S 15
M16	20 5 17	0♌22'04	22°18	19°59	29°23	1°30	3°36	24° 8	18°44	1°11	27°47	23°R17	22°47	23°47	3°13	M16
T 17	20 9 13	1°19'31	5♌52	22° 0	0♌37	2°11	3°41	24°15	18°42	1°10	27°47	23°17	22°44	23°54	3°11	T 17
W18	20 13 10	2°16'59	19°43	24° 2	1°51	2°51	3°45	24°22	18°40	1° 8	27°46	23°17	22°40	24° 1	3° 8	W18
T 19	20 17 6	3°14'27	3♍48	26° 5	3° 5	3°31	3°49	24°29	18°37	1° 7	27°46	23°16	22°37	24° 7	3° 6	T 19
F 20	20 21 3	4°11'57	18° 1	28° 9	4°19	4°10	3°54	24°36	18°35	1° 6	27°45	23°14	22°34	24°14	3° 4	F 20
S 21	20 25 0	5° 9'27	2♎21	0♌13	5°34	4°50	3°59	24°44	18°33	1° 4	27°44	23°13	22°31	24°21	3° 1	S 21
S 22	20 28 56	6° 6'58	16°41	2°18	6°48	5°30	4° 4	24°51	18°30	1° 3	27°44	23°12	22°28	24°28	2°59	S 22
M23	20 32 53	7° 4'30	0♏58	4°22	8° 2	6° 9	4° 9	24°58	18°28	1° 2	27°43	23°D11	22°24	24°34	2°56	M23
T 24	20 36 49	8° 2'03	15°10	6°25	9°16	6°49	4°15	25° 6	18°26	1° 1	27°42	23°11	22°21	24°41	2°53	T 24
W25	20 40 46	8°59'37	29°15	8°28	10°30	7°28	4°20	25°13	18°23	0°59	27°42	23°12	22°18	24°48	2°51	W25
T 26	20 44 42	9°57'12	13♐10	10°30	11°44	8° 8	4°26	25°20	18°21	0°58	27°41	23°13	22°15	24°55	2°48	T 26
F 27	20 48 39	10°54'48	26°54	12°31	12°58	8°47	4°31	25°28	18°19	0°57	27°40	23°14	22°12	25° 1	2°46	F 27
S 28	20 52 35	11°52'25	10♎26	14°31	14°13	9°26	4°37	25°35	18°16	0°56	27°39	23°15	22° 9	25° 8	2°43	S 28
S 29	20 56 32	12°50'03	23°46	16°30	15°27	10° 5	4°43	25°43	18°14	0°55	27°39	23°R16	22° 5	25°15	2°40	S 29
M30	21 0 29	13°47'42	6♒53	18°28	16°41	10°43	4°50	25°50	18°12	0°54	27°38	23°15	22° 2	25°21	2°38	M30
T 31	21 4 25	14♌45'23	19♒46	20♌24	17♌55	11♊22	4♏56	25♌58	18♒ 9	0♎53	27♓37	23♋14	21♋59	25♈28	2♓35	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n33	21s56	0n47	21n16	2s12	23n37	0n33	17n27	0s44	11s28	1n 7	15n27	1n26	15s48	0s44	22s30	1n 1	16s11	16s46	21n31	21n28	3n52	4s47	5n47
M 2	22 26	21 3	0s27	21 31	1 58	23 33	0 35	17 38	0 43	11 29	1 6	15 25	1 26	15 49	0 44	22 30	1 1	16 11	16 46	21 31	21 28	3 54	4 47	5 47
T 3	22 19	19 1	1 39	21 47	1 44	23 28	0 37	17 49	0 42	11 30	1 6	15 23	1 26	15 50	0 44	22 30	1 1	16 11	16 47	21 31	21 29	3 57	4 48	5 48
W 4	22 11	16 4	2 43	22 1	1 30	23 23	0 40	18 0	0 41	11 31	1 6	15 21	1 26	15 50	0 44	22 30	1 1	16 12	16 47	21 31	21 29	3 59	4 48	5 48
T 5	22 3	12 27	3 38	22 15	1 16	23 16	0 42	18 11	0 41	11 32	1 6	15 18	1 26	15 51	0 45	22 30	1 1	16 12	16 47	21 31	21 30	4 2	4 49	5 48
F 6	21 54	8 22	4 22	22 28	1 2	23 9	0 44	18 22	0 40	11 33	1 5	15 16	1 26	15 51	0 45	22 30	1 1	16 13	16 48	21 31	21 30	4 4	4 49	5 48
S 7	21 46	4 2	4 54	22 40	0 48	23 1	0 46	18 33	0 39	11 34	1 5	15 14	1 26	15 52	0 45	22 30	1 1	16 13	16 48	21 31	21 31	4 7	4 50	5 48
S 8	21 36	0n24	5 12	22 50	0 35	22 53	0 48	18 43	0 39	11 35	1 5	15 12	1 26	15 53	0 45	22 30	1 1	16 14	16 48	21 31	21 31	4 9	4 50	5 48
M 9	21 27	4 48	5 17	22 59	0 22	22 44	0 50	18 54	0 38	11 37	1 5	15 9	1 26	15 53	0 45	22 30	1 1	16 14	16 49	21 31	21 32	4 12	4 51	5 49
T 10	21 16	9 1	5 8	23 6	0 9	22 34	0 51	19 4	0 37	11 38	1 4	15 7	1 26	15 54	0 45	22 30	1 1	16 15	16 49	21 31	21 32	4 14	4 52	5 49
W11	21 6	12 55	4 46	23 10	0n 4	22 24	0 53	19 13	0 36	11 39	1 4	15 5	1 26	15 55	0 45	22 30	1 1	16 15	16 50	21 31	21 33	4 17	4 52	5 49
T 12	20 55	16 21	4 11	23 13	0 15	22 13	0 55	19 23	0 36	11 41	1 4	15 2	1 26	15 56	0 45	22 31	1 1	16 16	16 50	21 31	21 33	4 19	4 53	5 49
F 13	20 44	19 8	3 23	23 13	0 27	22 1	0 57	19 33	0 35	11 42	1 3	15 0	1 26	15 56	0 45	22 31	1 1	16 16	16 50	21 31	21 34	4 21	4 53	5 49
S 14	20 33	21 3	2 25	23 11	0 37	21 48	0 59	19 42	0 34	11 44	1 3	14 58	1 26	15 57	0 45	22 31	1 1	16 17	16 51	21 31	21 35	4 24	4 54	5 49
S 15	20 21	21 55	1 18	23 6	0 47	21 35	1 0	19 51	0 33	11 45	1 3	14 55	1 26	15 58	0 45	22 31	1 1	16 17	16 51	21 31	21 35	4 26	4 55	5 50
M16	20 9	21 35	0 5	22 58	0 57	21 22	1 2	20 0	0 32	11 47	1 3	14 53	1 26	15 58	0 45	22 31	1 1	16 18	16 51	21 30	21 36	4 29	4 55	5 50
T 17	19 56	19 59	1n 9	22 48	1 5	21 7	1 4	20 9	0 32	11 49	1 2	14 51	1 26	15 59	0 45	22 31	1 0	16 18	16 51	21 31	21 36	4 31	4 56	5 50
W18	19 43	17 11	2 21	22 35	1 13	20 53	1 5	20 18	0 31	11 50	1 2	14 48	1 26	16 0	0 45	22 31	1 0	16 19	16 52	21 31	21 37	4 34	4 57	5 50
T 19	19 30	13 21	3 26	22 19	1 20	20 37	1 7	20 26	0 30	11 52	1 2	14 46	1 26	16 0	0 45	22 31	1 0	16 19	16 52	21 31	21 37	4 36	4 57	5 50
F 20	19 17	8 43	4 18	22 0	1 26	20 21	1 8	20 35	0 29	11 54	1 2	14 43	1 26	16 1	0 45	22 31	1 0	16 20	16 52	21 31	21 38	4 39	4 58	5 50
S 21	19 3	3 35	4 55	21 40	1 31	20 4	1 9	20 43	0 28	11 56	1 1	14 41	1 26	16 2	0 45	22 31	1 0	16 20	16 53	21 31	21 38	4 41	4 59	5 50
S 22	18 49	1s45	5 14	21 16	1 36	19 47	1 11	20 51	0 28	11 58	1 1	14 38	1 26	16 3	0 45	22 31	1 0	16 21	16 53	21 31	21 39	4 44	5 0	5 51
M23	18 34	6 58	5 13	20 51	1 39	19 29	1 12	20 58	0 27	12 0	1 1	14 36	1 26	16 3	0 45	22 31	1 0	16 21	16 53	21 31	21 39	4 46	5 1	5 51
T 24	18 19	11 46	4 53	20 23	1 42	19 11	1 13	21 6	0 26	12 2	1 1	14 34	1 26	16 4	0 45	22 31	1 0	16 22	16 54	21 31	21 40	4 49	5 1	5 51
W25	18 4	15 54	4 16	19 53	1 44	18 52	1 14	21 13	0 25	12 4	1 0	14 31	1 26	16 5	0 45	22 31	1 0	16 22	16 54	21 31	21 40	4 51	5 2	5 51
T 26	17 49	19 6	3 24	19 22	1 46	18 32	1 16	21 21	0 24	12 6	1 0	14 29	1 26	16 6	0 45	22 31	1 0	16 23	16 54	21 31	21 41	4 54	5 3	5 51
F 27	17 33	21 9	2 20	18 48	1 46	18 12	1 17	21 28	0 23	12 8	1 0	14 26	1 27	16 6	0 45	22 31	1 0	16 23	16 55	21 31	21 41	4 56	5 4	5 51
S 28	17 17	21 57	1 10	18 14	1 46	17 52	1 18	21 34	0 22	12 10	1 0	14 24	1 27	16 7	0 45	22 31	1 0	16 24	16 55	21 31	21 42	4 59	5 5	5 51
S 29	17 1	21 28	0s 3	17 37	1 46	17 31	1 19	21 41	0 22	12 13	0 59	14 21	1 27	16 8	0 45	22 31	1 0	16 25	16 55	21 31	21 42	5 1	5 6	5 51
M30	16 45	19 49	1 14	17 0	1 44	17 9	1 19	21 48	0 21	12 15	0 59	14 19	1 27	16 9	0 45	22 31	1 0	16 25	16 55	21 31	21 43	5 3	5 6	5 51
T 31	16n28	17s10	2s21	16n21	1n42	16n47	1n20	21n54	0s20	12s17	0n59	14n16	1n27	16s 9	0s45	22s31	1n 0	16s26	16s56	21n31	21n43	5n 6	5s 7	5n51

Julian Day Number = 2207021.5, Delta T = 09m38s
Ecliptic obliquity = 23°31'30, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°24'08, Lahiri = 14°31'09 Julian Calendar 1 July 1330 == Greg. Calendar 9 July 1330

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ASTRODIENST EPHEMERIS for the year 1330
geocentric

AUGUST 1330 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	21 8 22	15♌43'04	2♓25	22♌19	19♌ 9	12♊ 1	5♏ 2	26♌ 5	18°R 7	0°R52	27°R36	23°R11	21♋56	25♈35	2°R32	W 1
T 2	21 12 18	16°40'48	14°51	24°13	20°24	12°39	5° 9	26°13	18♒ 4	0♑51	27♓35	23♋ 8	21°53	25°42	2♓29	T 2
F 3	21 16 15	17°38'33	27° 4	26° 5	21°38	13°18	5°16	26°20	18° 2	0°50	27°35	23° 4	21°50	25°48	2°27	F 3
S 4	21 20 11	18°36'19	9♈ 8	27°56	22°52	13°56	5°23	26°28	18° 0	0°49	27°34	23° 0	21°46	25°55	2°24	S 4
S 5	21 24 8	19°34'07	21° 5	29°46	24° 7	14°34	5°30	26°35	17°57	0°48	27°33	22°56	21°43	26° 2	2°21	S 5
M 6	21 28 4	20°31'57	2♉58	1♍34	25°21	15°12	5°37	26°43	17°55	0°47	27°32	22°54	21°40	26° 8	2°18	M 6
T 7	21 32 1	21°29'49	14°51	3°21	26°35	15°50	5°44	26°50	17°52	0°46	27°31	22°52	21°37	26°15	2°15	T 7
W 8	21 35 57	22°27'42	26°49	5° 6	27°50	16°28	5°52	26°58	17°50	0°45	27°30	22°D52	21°34	26°22	2°13	W 8
T 9	21 39 54	23°25'37	8♊57	6°50	29° 4	17° 6	5°59	27° 5	17°48	0°44	27°29	22°53	21°30	26°29	2°10	T 9
F 10	21 43 51	24°23'35	21°20	8°33	0♍18	17°43	6° 7	27°13	17°45	0°43	27°28	22°55	21°27	26°35	2° 7	F 10
S 11	21 47 47	25°21'34	4♋ 1	10°15	1°33	18°21	6°15	27°21	17°43	0°43	27°27	22°56	21°24	26°42	2° 4	S 11
S 12	21 51 44	26°19'35	17° 4	11°55	2°47	18°58	6°23	27°28	17°41	0°42	27°26	22°R57	21°21	26°49	2° 1	S 12
M13	21 55 40	27°17'38	0♌31	13°34	4° 1	19°35	6°31	27°36	17°38	0°41	27°25	22°57	21°18	26°56	1°58	M13
T 14	21 59 37	28°15'42	14°23	15°12	5°16	20°12	6°39	27°43	17°36	0°40	27°24	22°56	21°15	27° 2	1°55	T 14
W15	22 3 33	29°13'48	28°36	16°48	6°30	20°49	6°48	27°51	17°33	0°40	27°23	22°52	21°11	27° 9	1°52	W15
T 16	22 7 30	0♍11'56	13♍ 7	18°24	7°45	21°26	6°56	27°58	17°31	0°39	27°22	22°47	21° 8	27°16	1°49	T 16
F 17	22 11 26	1°10'06	27°49	19°58	8°59	22° 3	7° 5	28° 6	17°29	0°39	27°21	22°42	21° 5	27°22	1°46	F 17
S 18	22 15 23	2° 8'17	12♎35	21°30	10°14	22°39	7°13	28°14	17°27	0°38	27°20	22°36	21° 2	27°29	1°44	S 18
S 19	22 19 20	3° 6'30	27°16	23° 2	11°28	23°16	7°22	28°21	17°24	0°37	27°19	22°31	20°59	27°36	1°41	S 19
M20	22 23 16	4° 4'44	11♏47	24°32	12°43	23°52	7°31	28°29	17°22	0°37	27°18	22°27	20°55	27°43	1°38	M20
T 21	22 27 13	5° 3'00	26° 3	26° 1	13°57	24°28	7°40	28°36	17°20	0°36	27°17	22°25	20°52	27°49	1°35	T 21
W22	22 31 9	6° 1'18	10♐ 3	27°29	15°11	25° 4	7°49	28°44	17°17	0°36	27°16	22°D25	20°49	27°56	1°32	W22
T 23	22 35 6	6°59'37	23°45	28°56	16°26	25°40	7°58	28°51	17°15	0°36	27°15	22°26	20°46	28° 3	1°29	T 23
F 24	22 39 2	7°57'57	7♑11	0♎21	17°40	26°16	8° 8	28°59	17°13	0°35	27°14	22°27	20°43	28° 9	1°26	F 24
S 25	22 42 59	8°56'19	20°22	1°45	18°55	26°51	8°17	29° 6	17°11	0°35	27°13	22°R28	20°40	28°16	1°23	S 25
S 26	22 46 55	9°54'43	3♒20	3° 8	20° 9	27°27	8°27	29°14	17° 9	0°35	27°11	22°28	20°36	28°23	1°20	S 26
M27	22 50 52	10°53'09	16° 5	4°29	21°24	28° 2	8°37	29°21	17° 7	0°34	27°10	22°25	20°33	28°30	1°18	M27
T 28	22 54 49	11°51'36	28°40	5°49	22°38	28°37	8°46	29°29	17° 5	0°34	27° 9	22°20	20°30	28°36	1°15	T 28
W29	22 58 45	12°50'05	11♓ 4	7° 8	23°53	29°12	8°56	29°36	17° 2	0°34	27° 8	22°13	20°27	28°43	1°12	W29
T 30	23 2 42	13°48'36	23°19	8°25	25° 7	29°47	9° 6	29°44	17° 0	0°34	27° 7	22° 4	20°24	28°50	1° 9	T 30
F 31	23 6 38	14♍47'09	5♈26	9♎40	26♍22	0♋21	9♏16	29♌51	16♒58	0♑33	27♓ 6	21♋54	20♋21	28♈57	1♓ 6	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	16n11	13s44	3s19	15n42	1n40	16n25	1n21	22n 0	0s19	12s20	0n59	14n14	1n27	16s10	0s45	22s31	1n 0	16s26	16s56	21n32	21n44	5n 8	5s 8	5n51
T 2	15 54	9 46	4 6	15 1	1 37	16 2	1 22	22 6	0 18	12 22	0 58	14 11	1 27	16 11	0 45	22 31	1 0	16 27	16 56	21 32	21 44	5 11	5 9	5 51
F 3	15 36	5 28	4 42	14 20	1 34	15 39	1 22	22 12	0 17	12 25	0 58	14 9	1 27	16 12	0 45	22 31	1 0	16 27	16 56	21 33	21 45	5 13	5 10	5 51
S 4	15 18	1 1	5 4	13 38	1 30	15 15	1 23	22 17	0 16	12 27	0 58	14 6	1 27	16 12	0 45	22 31	1 0	16 28	16 57	21 33	21 45	5 16	5 11	5 52
S 5	15 0	3n25	5 13	12 56	1 26	14 51	1 24	22 23	0 15	12 30	0 58	14 3	1 27	16 13	0 45	22 31	1 0	16 29	16 57	21 34	21 46	5 18	5 12	5 52
M 6	14 42	7 43	5 8	12 13	1 21	14 26	1 24	22 28	0 14	12 32	0 58	14 1	1 27	16 14	0 45	22 32	1 0	16 29	16 57	21 34	21 46	5 21	5 13	5 52
T 7	14 23	11 43	4 51	11 30	1 16	14 1	1 24	22 33	0 13	12 35	0 57	13 58	1 27	16 15	0 45	22 32	1 0	16 30	16 57	21 35	21 47	5 23	5 14	5 52
W 8	14 5	15 18	4 20	10 46	1 11	13 36	1 25	22 38	0 12	12 38	0 57	13 56	1 27	16 15	0 45	22 32	1 0	16 30	16 58	21 35	21 47	5 26	5 15	5 52
T 9	13 46	18 17	3 38	10 2	1 5	13 10	1 25	22 42	0 11	12 40	0 57	13 53	1 27	16 16	0 45	22 32	1 0	16 31	16 58	21 35	21 48	5 28	5 16	5 52
F 10	13 26	20 31	2 44	9 18	0 59	12 44	1 25	22 47	0 10	12 43	0 57	13 51	1 27	16 17	0 45	22 32	1 0	16 31	16 58	21 34	21 48	5 31	5 17	5 52
S 11	13 7	21 46	1 42	8 34	0 53	12 17	1 25	22 51	0 9	12 46	0 56	13 48	1 27	16 17	0 45	22 32	1 0	16 32	16 58	21 34	21 49	5 33	5 18	5 52
S 12	12 47	21 54	0 32	7 50	0 46	11 51	1 25	22 56	0 8	12 49	0 56	13 46	1 27	16 18	0 45	22 32	1 0	16 33	16 58	21 34	21 49	5 36	5 19	5 52
M13	12 27	20 47	0n41	7 6	0 40	11 24	1 25	23 0	0 7	12 52	0 56	13 43	1 27	16 19	0 45	22 32	1 0	16 33	16 59	21 34	21 50	5 38	5 20	5 52
T 14	12 7	18 24	1 54	6 21	0 33	10 56	1 25	23 3	0 6	12 54	0 56	13 40	1 27	16 20	0 45	22 32	1 0	16 34	16 59	21 34	21 50	5 41	5 21	5 52
W15	11 47	14 50	3 2	5 37	0 26	10 28	1 25	23 7	0 5	12 57	0 56	13 38	1 27	16 20	0 45	22 32	1 0	16 34	16 59	21 35	21 51	5 43	5 22	5 52
T 16	11 27	10 20	3 59	4 53	0 19	10 0	1 25	23 10	0 4	13 0	0 55	13 35	1 28	16 21	0 45	22 32	0 59	16 35	16 59	21 36	21 51	5 46	5 23	5 51
F 17	11 6	5 10	4 41	4 10	0 11	9 32	1 25	23 14	0 3	13 3	0 55	13 33	1 28	16 22	0 45	22 32	0 59	16 35	16 59	21 36	21 52	5 48	5 24	5 51
S 18	10 45	0s18	5 5	3 26	0 3	9 4	1 24	23 17	0 2	13 6	0 55	13 30	1 28	16 22	0 45	22 32	0 59	16 36	17 0	21 37	21 52	5 50	5 25	5 51
S 19	10 24	5 44	5 8	2 43	0s 4	8 35	1 24	23 20	0 1	13 9	0 55	13 28	1 28	16 23	0 45	22 32	0 59	16 37	17 0	21 38	21 53	5 53	5 27	5 51
M20	10 3	10 47	4 52	2 0	0 12	8 6	1 23	23 23	0 0	13 13	0 55	13 25	1 28	16 24	0 45	22 32	0 59	16 37	17 0	21 39	21 53	5 55	5 28	5 51
T 21	9 42	15 9	4 18	1 17	0 20	7 37	1 23	23 25	0n 1	13 16	0 54	13 22	1 28	16 25	0 45	22 32	0 59	16 38	17 0	21 39	21 54	5 58	5 29	5 51
W22	9 20	18 35	3 29	0 35	0 28	7 7	1 22	23 28	0 2	13 19	0 54	13 20	1 28	16 25	0 45	22 32	0 59	16 38	17 0	21 39	21 54	6 0	5 30	5 51
T 23	8 59	20 54	2 29	0s 7	0 36	6 38	1 22	23 30	0 3	13 22	0 54	13 17	1 28	16 26	0 45	22 32	0 59	16 39	17 0	21 39	21 55	6 3	5 31	5 51
F 24	8 37	21 58	1 22	0 49	0 44	6 8	1 21	23 32	0 4	13 25	0 54	13 15	1 28	16 27	0 45	22 32	0 59	16 39	17 0	21 39	21 55	6 5	5 32	5 51
S 25	8 15	21 47	0 11	1 30	0 52	5 38	1 20	23 34	0 5	13 28	0 54	13 12	1 28	16 27	0 45	22 32	0 59	16 40	17 1	21 39	21 56	6 8	5 33	5 51
S 26	7 53	20 26	0s58	2 10	1 1	5 8	1 19	23 36	0 6	13 32	0 53	13 10	1 28	16 28	0 45	22 32	0 59	16 41	17 1	21 39	21 56	6 10	5 34	5 51
M27	7 31	18 2	2 4	2 50	1 9	4 37	1 18	23 38	0 7	13 35	0 53	13 7	1 28	16 28	0 45	22 32	0 59	16 41	17 1	21 39	21 57	6 13	5 35	5 51
T 28	7 8	14 49	3 2	3 30	1 17	4 7	1 18	23 40	0 9	13 38	0 53	13 5	1 29	16 29	0 45	22 32	0 59	16 42	17 1	21 40	21 57	6 15	5 36	5 50
W29	6 46	11 0	3 51	4 9	1 25	3 36	1 16	23 41	0 10	13 42	0 53	13 2	1 29	16 30	0 45	22 33	0 59	16 42	17 1	21 41	21 58	6 18	5 38	5 50
T 30	6 23	6 45	4 28	4 47	1 33	3 6	1 15	23 42	0 11	13 45	0 53	12 59	1 29	16 30	0 45	22 33	0 59	16 43	17 1	21 43	21 58	6 20	5 39	5 50
F 31	6n 1	2s19	4s53	5s24	1s41	2n35	1n14	23n44	0n12	13s48	0n52	12n57	1n29	16s31	0s45	22s33	0n59	16s43	17s 1	21n44	21n59	6n23	5s40	5n50

Julian Day Number = 2207052.5, Delta T = 09m38s
Ecliptic obliquity = 23°31'31, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°24'13, Lahiri = 14°31'13 Julian Calendar 1 Aug. 1330 == Greg. Calendar 9 Aug. 1330

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1330
geocentric

SEPTEMBER 1330 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	23 10 35	15♍45'44	17♈26	10♎54	27♍36	0♋56	9♏26	29♌59	16°R56	0°R33	27°R 5	21°R44	20♋17	29♈ 3	1°R 3	S 1
S 2	23 14 31	16°44'21	29°20	12° 6	28°51	1°30	9°37	0♍ 6	16♒54	0♑33	27♓ 3	21♋35	20°14	29°10	1♓ 1	S 2
M 3	23 18 28	17°43'00	11♉11	13°17	0♎ 5	2° 4	9°47	0°13	16°52	0°33	27° 2	21°27	20°11	29°17	0°58	M 3
T 4	23 22 24	18°41'42	23° 3	14°25	1°20	2°38	9°57	0°21	16°50	0°33	27° 1	21°21	20° 8	29°23	0°55	T 4
W 5	23 26 21	19°40'26	4♊59	15°32	2°34	3°12	10° 8	0°28	16°49	0°D33	27° 0	21°18	20° 5	29°30	0°53	W 5
T 6	23 30 18	20°39'12	17° 3	16°37	3°49	3°46	10°19	0°35	16°47	0°33	26°59	21°D17	20° 1	29°37	0°50	T 6
F 7	23 34 14	21°38'01	29°22	17°39	5° 4	4°19	10°29	0°43	16°45	0°33	26°58	21°17	19°58	29°44	0°47	F 7
S 8	23 38 11	22°36'51	12♋ 0	18°38	6°18	4°52	10°40	0°50	16°43	0°33	26°56	21°17	19°55	29°50	0°45	S 8
S 9	23 42 7	23°35'44	25° 1	19°36	7°33	5°25	10°51	0°57	16°41	0°33	26°55	21°R18	19°52	29°57	0°42	S 9
M10	23 46 4	24°34'40	8♌30	20°30	8°47	5°58	11° 2	1° 4	16°40	0°34	26°54	21°16	19°49	0♉ 4	0°39	M10
T 11	23 50 0	25°33'37	22°27	21°21	10° 2	6°31	11°13	1°11	16°38	0°34	26°53	21°13	19°46	0°10	0°37	T 11
W12	23 53 57	26°32'37	6♍51	22° 9	11°16	7° 4	11°24	1°18	16°36	0°34	26°52	21° 7	19°42	0°17	0°34	W12
T 13	23 57 53	27°31'39	21°39	22°53	12°31	7°36	11°35	1°26	16°35	0°34	26°51	20°58	19°39	0°24	0°32	T 13
F 14	0 1 50	28°30'43	6♎43	23°34	13°45	8° 8	11°47	1°33	16°33	0°35	26°49	20°48	19°36	0°31	0°29	F 14
S 15	0 5 46	29°29'49	21°52	24°10	15° 0	8°40	11°58	1°40	16°31	0°35	26°48	20°38	19°33	0°37	0°27	S 15
S 16	0 9 43	0♎28'57	6♏56	24°41	16°15	9°12	12° 9	1°47	16°30	0°35	26°47	20°29	19°30	0°44	0°24	S 16
M17	0 13 40	1°28'07	21°46	25° 7	17°29	9°43	12°21	1°53	16°28	0°36	26°46	20°21	19°26	0°51	0°22	M17
T 18	0 17 36	2°27'19	6♐16	25°28	18°44	10°14	12°32	2° 0	16°27	0°36	26°45	20°17	19°23	0°58	0°20	T 18
W19	0 21 33	3°26'33	20°22	25°43	19°58	10°45	12°44	2° 7	16°26	0°37	26°43	20°14	19°20	1° 4	0°17	W19
T 20	0 25 29	4°25'48	4♑ 4	25°51	21°13	11°16	12°56	2°14	16°24	0°37	26°42	20°D14	19°17	1°11	0°15	T 20
F 21	0 29 26	5°25'06	17°23	25°R53	22°27	11°47	13° 8	2°21	16°23	0°38	26°41	20°R14	19°14	1°18	0°13	F 21
S 22	0 33 22	6°24'25	0♒23	25°47	23°42	12°17	13°19	2°28	16°22	0°38	26°40	20°13	19°11	1°24	0°11	S 22
S 23	0 37 19	7°23'45	13° 6	25°33	24°56	12°47	13°31	2°34	16°20	0°39	26°39	20°12	19° 7	1°31	0° 9	S 23
M24	0 41 15	8°23'08	25°35	25°12	26°11	13°17	13°43	2°41	16°19	0°39	26°38	20° 7	19° 4	1°38	0° 6	M24
T 25	0 45 12	9°22'32	7♓55	24°42	27°25	13°47	13°55	2°48	16°18	0°40	26°36	20° 0	19° 1	1°45	0° 4	T 25
W26	0 49 9	10°21'59	20° 6	24° 3	28°40	14°16	14° 7	2°54	16°17	0°41	26°35	19°49	18°58	1°51	0° 2	W26
T 27	0 53 5	11°21'27	2♈11	23°17	29°54	14°45	14°20	3° 1	16°16	0°41	26°34	19°37	18°55	1°58	0° 0	T 27
F 28	0 57 2	12°20'57	14°10	22°22	1♏ 9	15°14	14°32	3° 7	16°15	0°42	26°33	19°22	18°52	2° 5	29♒58	F 28
S 29	1 0 58	13°20'30	26° 5	21°21	2°23	15°43	14°44	3°14	16°14	0°43	26°32	19° 8	18°48	2°11	29°57	S 29
S 30	1 4 55	14♎20'04	7♉57	20♎14	3♏38	16♋11	14♏56	3♍20	16♒13	0♑44	26♓31	18♋54	18♋45	2♉18	29♒55	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	5n38	2n11	5s 4	6s 0	1s49	2n 4	1n13	23n45	0n13	13s52	0n52	12n54	1n29	16s32	0s45	22s33	0n59	16s44	17s 1	21n46	21n59	6n25	5s41	5n50
S 2	5 15	6 34	5 2	6 36	1 57	1 33	1 12	23 45	0 14	13 55	0 52	12 52	1 29	16 32	0 45	22 33	0 59	16 44	17 1	21 47	22 0	6 28	5 42	5 50
M 3	4 52	10 41	4 47	7 11	2 5	1 2	1 10	23 46	0 16	13 59	0 52	12 49	1 29	16 33	0 45	22 33	0 59	16 45	17 1	21 49	22 0	6 30	5 43	5 50
T 4	4 29	14 24	4 20	7 45	2 13	0 31	1 9	23 47	0 17	14 2	0 52	12 47	1 29	16 33	0 45	22 33	0 59	16 45	17 2	21 49	22 1	6 33	5 44	5 49
W 5	4 6	17 35	3 41	8 18	2 21	0 0	1 8	23 47	0 18	14 6	0 52	12 44	1 29	16 34	0 45	22 33	0 59	16 46	17 2	21 50	22 1	6 35	5 45	5 49
T 6	3 43	20 2	2 52	8 50	2 28	0s31	1 6	23 47	0 19	14 9	0 51	12 42	1 29	16 34	0 45	22 33	0 59	16 46	17 2	21 50	22 2	6 38	5 46	5 49
F 7	3 20	21 37	1 54	9 20	2 35	1 2	1 5	23 48	0 20	14 13	0 51	12 39	1 30	16 35	0 45	22 33	0 59	16 47	17 2	21 50	22 2	6 40	5 47	5 49
S 8	2 56	22 10	0 49	9 50	2 42	1 33	1 3	23 48	0 22	14 16	0 51	12 37	1 30	16 35	0 45	22 33	0 59	16 47	17 2	21 50	22 2	6 43	5 49	5 49
S 9	2 33	21 32	0n20	10 18	2 49	2 4	1 1	23 48	0 23	14 20	0 51	12 35	1 30	16 36	0 45	22 33	0 58	16 48	17 2	21 50	22 3	6 45	5 50	5 49
M10	2 10	19 39	1 30	10 44	2 55	2 35	1 0	23 48	0 24	14 23	0 51	12 32	1 30	16 36	0 45	22 33	0 58	16 48	17 2	21 50	22 3	6 47	5 51	5 48
T 11	1 46	16 34	2 38	11 9	3 1	3 6	0 58	23 47	0 25	14 27	0 51	12 30	1 30	16 37	0 45	22 33	0 58	16 49	17 2	21 51	22 4	6 50	5 52	5 48
W12	1 23	12 23	3 37	11 33	3 7	3 37	0 56	23 47	0 27	14 30	0 50	12 27	1 30	16 37	0 44	22 33	0 58	16 49	17 2	21 52	22 4	6 52	5 53	5 48
T 13	0 59	7 22	4 24	11 54	3 12	4 8	0 54	23 46	0 28	14 34	0 50	12 25	1 30	16 38	0 44	22 33	0 58	16 50	17 2	21 53	22 5	6 55	5 54	5 48
F 14	0 36	1 49	4 53	12 14	3 17	4 39	0 52	23 46	0 29	14 38	0 50	12 22	1 30	16 38	0 44	22 33	0 58	16 50	17 2	21 55	22 5	6 57	5 55	5 48
S 15	0 12	3s53	5 2	12 31	3 21	5 9	0 50	23 45	0 31	14 41	0 50	12 20	1 31	16 39	0 44	22 33	0 58	16 51	17 2	21 56	22 6	7 0	5 56	5 47
S 16	0s12	9 19	4 50	12 46	3 25	5 40	0 48	23 44	0 32	14 45	0 50	12 18	1 31	16 39	0 44	22 33	0 58	16 51	17 2	21 57	22 6	7 2	5 57	5 47
M17	0 35	14 7	4 18	12 58	3 28	6 11	0 46	23 43	0 33	14 49	0 50	12 15	1 31	16 40	0 44	22 33	0 58	16 52	17 2	21 59	22 7	7 5	5 58	5 47
T 18	0 59	17 58	3 31	13 8	3 30	6 41	0 44	23 42	0 35	14 52	0 49	12 13	1 31	16 40	0 44	22 33	0 58	16 52	17 2	21 59	22 7	7 7	5 59	5 47
W19	1 22	20 40	2 31	13 14	3 31	7 11	0 42	23 41	0 36	14 56	0 49	12 10	1 31	16 40	0 44	22 33	0 58	16 53	17 2	22 0	22 8	7 10	6 0	5 46
T 20	1 46	22 3	1 25	13 18	3 31	7 41	0 40	23 40	0 37	15 0	0 49	12 8	1 31	16 41	0 44	22 33	0 58	16 53	17 2	22 0	22 8	7 12	6 1	5 46
F 21	2 10	22 8	0 15	13 17	3 30	8 11	0 38	23 39	0 39	15 3	0 49	12 6	1 31	16 41	0 44	22 33	0 58	16 54	17 2	22 0	22 8	7 15	6 2	5 46
S 22	2 33	21 1	0s53	13 13	3 28	8 41	0 35	23 37	0 40	15 7	0 49	12 4	1 32	16 42	0 44	22 34	0 58	16 54	17 2	22 0	22 9	7 17	6 3	5 46
S 23	2 57	18 50	1 58	13 5	3 24	9 11	0 33	23 36	0 42	15 11	0 49	12 1	1 32	16 42	0 44	22 34	0 58	16 54	17 2	22 0	22 9	7 20	6 4	5 45
M24	3 20	15 47	2 55	12 52	3 19	9 40	0 31	23 35	0 43	15 15	0 49	11 59	1 32	16 42	0 44	22 34	0 58	16 55	17 1	22 1	22 10	7 22	6 5	5 45
T 25	3 44	12 5	3 43	12 35	3 12	10 9	0 28	23 33	0 45	15 18	0 48	11 57	1 32	16 43	0 44	22 34	0 58	16 55	17 1	22 2	22 10	7 25	6 6	5 45
W26	4 7	7 56	4 21	12 12	3 4	10 38	0 26	23 31	0 46	15 22	0 48	11 55	1 32	16 43	0 44	22 34	0 58	16 56	17 1	22 3	22 11	7 27	6 7	5 45
T 27	4 31	3 30	4 46	11 45	2 53	11 7	0 24	23 30	0 48	15 26	0 48	11 52	1 32	16 43	0 44	22 34	0 58	16 56	17 1	22 5	22 11	7 30	6 8	5 44
F 28	4 54	1n 2	4 58	11 14	2 41	11 35	0 21	23 28	0 49	15 29	0 48	11 50	1 33	16 43	0 44	22 34	0 58	16 56	17 1	22 7	22 12	7 32	6 9	5 44
S 29	5 17	5 29	4 57	10 38	2 27	12 3	0 19	23 26	0 51	15 33	0 48	11 48	1 33	16 44	0 44	22 34	0 58	16 57	17 1	22 9	22 12	7 34	6 10	5 44
S 30	5s40	9n44	4s43	9s58	2s11	12s31	0n16	23n24	0n52	15s37	0n48	11n46	1n33	16s44	0s44	22s34	0n58	16s57	17s 1	22n11	22n12	7n37	6s11	5n43

Julian Day Number = 2207083.5, Delta T = 09m38s
Ecliptic obliquity = 23°31'32, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°24'17, Lahiri = 14°31'17 Julian Calendar 1 Sept. 1330 == Greg. Calendar 9 Sept. 1330

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ASTRODIENST EPHEMERIS for the year 1330
geocentric

OCTOBER 1330 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	1 8 51	15♎19'41	19♉48	19°R 3	4♏52	16♋39	15♏ 9	3♍26	16°R12	0♑45	26°R30	18°R43	18♋42	2♉25	29°R53	M 1
T 2	1 12 48	16°19'20	1♊40	17♎49	6° 7	17° 7	15°21	3°32	16♒11	0°46	26♓28	18♋34	18°39	2°32	29♒51	T 2
W 3	1 16 44	17°19'01	13°36	16°34	7°21	17°35	15°34	3°39	16°10	0°46	26°27	18°27	18°36	2°38	29°49	W 3
T 4	1 20 41	18°18'45	25°40	15°21	8°36	18° 2	15°46	3°45	16°10	0°47	26°26	18°24	18°32	2°45	29°48	T 4
F 5	1 24 38	19°18'31	7♋56	14°12	9°50	18°29	15°59	3°51	16° 9	0°48	26°25	18°23	18°29	2°52	29°46	F 5
S 6	1 28 34	20°18'19	20°29	13° 9	11° 5	18°56	16°11	3°57	16° 8	0°49	26°24	18°23	18°26	2°58	29°45	S 6
S 7	1 32 31	21°18'09	3♌24	12°14	12°19	19°22	16°24	4° 3	16° 8	0°50	26°23	18°22	18°23	3° 5	29°43	S 7
M 8	1 36 27	22°18'02	16°45	11°28	13°34	19°48	16°37	4° 9	16° 7	0°52	26°22	18°21	18°20	3°12	29°42	M 8
T 9	1 40 24	23°17'57	0♍36	10°52	14°48	20°14	16°49	4°15	16° 7	0°53	26°21	18°17	18°17	3°19	29°40	T 9
W10	1 44 20	24°17'54	14°57	10°28	16° 3	20°39	17° 2	4°20	16° 6	0°54	26°20	18°10	18°13	3°25	29°39	W10
T 11	1 48 17	25°17'53	29°46	10°15	17°17	21° 5	17°15	4°26	16° 6	0°55	26°19	18° 1	18°10	3°32	29°38	T 11
F 12	1 52 13	26°17'54	14♎55	10°D14	18°32	21°29	17°28	4°32	16° 5	0°56	26°18	17°50	18° 7	3°39	29°36	F 12
S 13	1 56 10	27°17'57	0♏15	10°24	19°46	21°54	17°41	4°37	16° 5	0°57	26°17	17°39	18° 4	3°45	29°35	S 13
S 14	2 0 7	28°18'02	15°34	10°44	21° 1	22°18	17°54	4°43	16° 5	0°59	26°16	17°28	18° 1	3°52	29°34	S 14
M15	2 4 3	29°18'10	0♐41	11°14	22°15	22°41	18° 7	4°48	16° 5	1° 0	26°15	17°20	17°58	3°59	29°33	M15
T 16	2 8 0	0♏18'18	15°26	11°53	23°30	23° 5	18°20	4°54	16° 4	1° 1	26°14	17°14	17°54	4° 6	29°32	T 16
W17	2 11 56	1°18'29	29°45	12°40	24°44	23°28	18°33	4°59	16° 4	1° 3	26°13	17°11	17°51	4°12	29°31	W17
T 18	2 15 53	2°18'41	13♑36	13°35	25°59	23°50	18°46	5° 4	16°D 4	1° 4	26°12	17°D10	17°48	4°19	29°30	T 18
F 19	2 19 49	3°18'54	26°59	14°36	27°13	24°12	18°59	5° 9	16° 4	1° 5	26°11	17°R10	17°45	4°26	29°29	F 19
S 20	2 23 46	4°19'09	9♒58	15°42	28°27	24°34	19°12	5°14	16° 4	1° 7	26°10	17°10	17°42	4°33	29°28	S 20
S 21	2 27 42	5°19'26	22°37	16°53	29°42	24°56	19°25	5°19	16° 4	1° 8	26° 9	17° 8	17°38	4°39	29°28	S 21
M22	2 31 39	6°19'44	4♓59	18° 8	0♐56	25°16	19°38	5°24	16° 5	1°10	26° 9	17° 5	17°35	4°46	29°27	M22
T 23	2 35 36	7°20'03	17°10	19°27	2°11	25°37	19°52	5°29	16° 5	1°11	26° 8	16°59	17°32	4°53	29°26	T 23
W24	2 39 32	8°20'24	29°13	20°49	3°25	25°57	20° 5	5°34	16° 5	1°13	26° 7	16°49	17°29	4°59	29°26	W24
T 25	2 43 29	9°20'47	11♈10	22°13	4°39	26°17	20°18	5°39	16° 5	1°14	26° 6	16°38	17°26	5° 6	29°25	T 25
F 26	2 47 25	10°21'11	23° 4	23°39	5°54	26°36	20°31	5°43	16° 6	1°16	26° 5	16°25	17°23	5°13	29°25	F 26
S 27	2 51 22	11°21'37	4♉56	25° 7	7° 8	26°55	20°45	5°48	16° 6	1°17	26° 4	16°12	17°19	5°20	29°24	S 27
S 28	2 55 18	12°22'04	16°49	26°37	8°22	27°13	20°58	5°52	16° 7	1°19	26° 4	16° 0	17°16	5°26	29°24	S 28
M29	2 59 15	13°22'33	28°42	28° 8	9°37	27°31	21°11	5°56	16° 7	1°21	26° 3	15°49	17°13	5°33	29°24	M29
T 30	3 3 11	14°23'04	10♊39	29°39	10°51	27°48	21°25	6° 1	16° 8	1°22	26° 2	15°41	17°10	5°40	29°24	T 30
W31	3 7 8	15♏23'36	22♊40	1♏12	12♐ 5	28♋ 5	21♏38	6♍ 5	16♒ 8	1♑24	26♓ 2	15♋36	17♋ 7	5♉46	29♒23	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	6s 3	13n37	4s17	9s14	1s54	12s59	0n14	23n22	0n54	15s41	0n48	11n44	1n33	16s44	0s44	22s34	0n58	16s57	17s 1	22n13	22n13	7n39	6s12	5n43
T 2	6 26	16 59	3 40	8 29	1 35	13 26	0 11	23 20	0 55	15 44	0 47	11 42	1 33	16 44	0 44	22 34	0 58	16 58	17 1	22 14	22 13	7 42	6 13	5 43
W 3	6 49	19 40	2 53	7 42	1 15	13 53	0 9	23 18	0 57	15 48	0 47	11 39	1 33	16 45	0 44	22 34	0 57	16 58	17 1	22 15	22 14	7 44	6 14	5 42
T 4	7 12	21 30	1 57	6 54	0 55	14 19	0 6	23 16	0 58	15 52	0 47	11 37	1 34	16 45	0 44	22 34	0 57	16 58	17 0	22 15	22 14	7 47	6 14	5 42
F 5	7 35	22 22	0 55	6 9	0 34	14 46	0 3	23 14	1 0	15 56	0 47	11 35	1 34	16 45	0 44	22 34	0 57	16 59	17 0	22 16	22 15	7 49	6 15	5 42
S 6	7 58	22 8	0n11	5 25	0 14	15 12	0 1	23 12	1 2	15 59	0 47	11 33	1 34	16 45	0 44	22 34	0 57	16 59	17 0	22 16	22 15	7 52	6 16	5 41
S 7	8 20	20 44	1 19	4 45	0n 6	15 37	0s 2	23 10	1 3	16 3	0 47	11 31	1 34	16 45	0 44	22 34	0 57	16 59	17 0	22 16	22 16	7 54	6 17	5 41
M 8	8 43	18 9	2 24	4 10	0 25	16 2	0 4	23 8	1 5	16 7	0 47	11 29	1 34	16 46	0 44	22 34	0 57	16 59	17 0	22 16	22 16	7 57	6 18	5 41
T 9	9 5	14 28	3 23	3 39	0 43	16 27	0 7	23 6	1 7	16 11	0 47	11 27	1 34	16 46	0 44	22 34	0 57	17 0	17 0	22 16	22 16	7 59	6 19	5 41
W10	9 27	9 49	4 12	3 15	0 59	16 51	0 10	23 3	1 8	16 14	0 47	11 25	1 35	16 46	0 44	22 34	0 57	17 0	17 0	22 17	22 17	8 2	6 19	5 40
T 11	9 49	4 27	4 46	2 56	1 14	17 15	0 12	23 1	1 10	16 18	0 46	11 23	1 35	16 46	0 44	22 34	0 57	17 0	16 59	22 18	22 17	8 4	6 20	5 40
F 12	10 11	1s17	5 0	2 44	1 27	17 39	0 15	22 59	1 12	16 22	0 46	11 21	1 35	16 46	0 44	22 34	0 57	17 0	16 59	22 20	22 18	8 7	6 21	5 39
S 13	10 33	7 1	4 53	2 38	1 38	18 2	0 18	22 57	1 14	16 26	0 46	11 20	1 35	16 46	0 44	22 34	0 57	17 1	16 59	22 21	22 18	8 9	6 22	5 39
S 14	10 54	12 19	4 26	2 37	1 48	18 24	0 20	22 55	1 15	16 29	0 46	11 18	1 35	16 46	0 44	22 34	0 57	17 1	16 59	22 23	22 19	8 12	6 22	5 39
M15	11 16	16 47	3 39	2 41	1 55	18 46	0 23	22 53	1 17	16 33	0 46	11 16	1 36	16 46	0 44	22 34	0 57	17 1	16 59	22 24	22 19	8 14	6 23	5 38
T 16	11 37	20 5	2 39	2 51	2 2	19 8	0 26	22 50	1 19	16 37	0 46	11 14	1 36	16 46	0 44	22 34	0 57	17 1	16 58	22 25	22 19	8 16	6 24	5 38
W17	11 58	22 1	1 31	3 5	2 7	19 29	0 28	22 48	1 21	16 40	0 46	11 12	1 36	16 46	0 43	22 34	0 57	17 2	16 58	22 25	22 20	8 19	6 24	5 38
T 18	12 19	22 31	0 19	3 23	2 10	19 49	0 31	22 46	1 23	16 44	0 46	11 11	1 36	16 46	0 43	22 34	0 57	17 2	16 58	22 25	22 20	8 21	6 25	5 37
F 19	12 40	21 41	0s52	3 45	2 12	20 9	0 34	22 44	1 25	16 48	0 46	11 9	1 36	16 46	0 43	22 34	0 57	17 2	16 58	22 25	22 21	8 24	6 26	5 37
S 20	13 0	19 42	1 58	4 9	2 13	20 29	0 36	22 42	1 26	16 52	0 45	11 7	1 37	16 46	0 43	22 34	0 57	17 2	16 58	22 25	22 21	8 26	6 26	5 37
S 21	13 21	16 48	2 56	4 36	2 13	20 47	0 39	22 40	1 28	16 55	0 45	11 6	1 37	16 46	0 43	22 34	0 57	17 2	16 57	22 25	22 21	8 29	6 27	5 36
M22	13 41	13 12	3 45	5 6	2 12	21 6	0 41	22 38	1 30	16 59	0 45	11 4	1 37	16 46	0 43	22 34	0 57	17 2	16 57	22 26	22 22	8 31	6 27	5 36
T 23	14 1	9 7	4 23	5 37	2 10	21 23	0 44	22 36	1 32	17 3	0 45	11 2	1 37	16 46	0 43	22 35	0 57	17 2	16 57	22 27	22 22	8 34	6 28	5 36
W24	14 20	4 43	4 48	6 11	2 8	21 41	0 47	22 35	1 34	17 6	0 45	11 1	1 37	16 46	0 43	22 35	0 57	17 3	16 57	22 28	22 23	8 36	6 29	5 35
T 25	14 40	0 10	5 0	6 45	2 5	21 57	0 49	22 33	1 36	17 10	0 45	10 59	1 38	16 45	0 43	22 35	0 57	17 3	16 56	22 29	22 23	8 39	6 29	5 35
F 26	14 59	4n21	5 0	7 20	2 1	22 13	0 52	22 31	1 38	17 13	0 45	10 58	1 38	16 45	0 43	22 35	0 57	17 3	16 56	22 31	22 24	8 41	6 30	5 35
S 27	15 18	8 43	4 46	7 57	1 57	22 28	0 54	22 29	1 40	17 17	0 45	10 56	1 38	16 45	0 43	22 35	0 57	17 3	16 56	22 32	22 24	8 44	6 30	5 34
S 28	15 36	12 46	4 20	8 33	1 52	22 43	0 57	22 28	1 42	17 21	0 45	10 55	1 38	16 45	0 43	22 35	0 57	17 3	16 56	22 34	22 24	8 46	6 30	5 34
M29	15 55	16 19	3 42	9 11	1 47	22 57	0 59	22 26	1 44	17 24	0 45	10 53	1 39	16 45	0 43	22 35	0 57	17 3	16 55	22 35	22 25	8 49	6 31	5 33
T 30	16 13	19 14	2 55	9 48	1 42	23 10	1 1	22 25	1 47	17 28	0 45	10 52	1 39	16 45	0 43	22 35	0 56	17 3	16 55	22 36	22 25	8 51	6 31	5 33
W31	16s31	21n20	1s59	10s26	1n36	23s23	1s 4	22n24	1n49	17s31	0n44	10n51	1n39	16s44	0s43	22s35	0n56	17s 3	16s55	22n37	22n26	8n53	6s32	5n33

Julian Day Number = 2207113.5, Delta T = 09m37s
Ecliptic obliquity = 23°31'32, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°24'21, Lahiri = 14°31'21 Julian Calendar 1 Oct. 1330 == Greg. Calendar 9 Oct. 1330

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ASTRODIENST EPHEMERIS for the year 1330
geocentric

NOVEMBER 1330 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	3 11 5	16♏24'10	4♋49	2♏45	13♐20	28♋21	21♏51	6♍ 9	16♒ 9	1♑26	26°R 1	15°R33	17♋ 3	5♉53	29°R23	T 1
F 2	3 15 1	17°24'46	17° 9	4°18	14°34	28°37	22° 5	6°13	16°10	1°27	26♓ 0	15°D32	17° 0	6° 0	29°D23	F 2
S 3	3 18 58	18°25'24	29°43	5°52	15°48	28°52	22°18	6°17	16°11	1°29	25°59	15♋33	16°57	6° 7	29♒23	S 3
S 4	3 22 54	19°26'03	12♌35	7°26	17° 2	29° 7	22°32	6°21	16°11	1°31	25°59	15°34	16°54	6°13	29°23	S 4
M 5	3 26 51	20°26'44	25°50	9° 0	18°17	29°21	22°45	6°25	16°12	1°33	25°58	15°R34	16°51	6°20	29°24	M 5
T 6	3 30 47	21°27'27	9♍31	10°35	19°31	29°35	22°58	6°28	16°13	1°35	25°58	15°32	16°48	6°27	29°24	T 6
W 7	3 34 44	22°28'12	23°38	12° 9	20°45	29°47	23°12	6°32	16°14	1°37	25°57	15°29	16°44	6°33	29°24	W 7
T 8	3 38 40	23°28'58	8♎13	13°44	21°59	29°59	23°25	6°35	16°15	1°38	25°56	15°23	16°41	6°40	29°24	T 8
F 9	3 42 37	24°29'45	23° 9	15°18	23°14	0♌12	23°39	6°39	16°16	1°40	25°56	15°15	16°38	6°47	29°25	F 9
S 10	3 46 33	25°30'34	8♏20	16°53	24°28	0°23	23°52	6°42	16°17	1°42	25°55	15° 7	16°35	6°54	29°25	S 10
S 11	3 50 30	26°31'25	23°35	18°27	25°42	0°33	24° 6	6°45	16°18	1°44	25°55	15° 0	16°32	7° 0	29°26	S 11
M12	3 54 27	27°32'17	8♐44	20° 2	26°56	0°43	24°19	6°48	16°20	1°46	25°54	14°53	16°29	7° 7	29°26	M12
T 13	3 58 23	28°33'10	23°37	21°36	28°10	0°52	24°32	6°51	16°21	1°48	25°54	14°49	16°25	7°14	29°27	T 13
W14	4 2 20	29°34'04	8♑ 6	23°11	29°24	1° 1	24°46	6°54	16°22	1°50	25°54	14°D48	16°22	7°20	29°28	W14
T 15	4 6 16	0♐34'59	22° 7	24°45	0♑39	1° 9	24°59	6°57	16°24	1°52	25°53	14°48	16°19	7°27	29°28	T 15
F 16	4 10 13	1°35'55	5♒40	26°19	1°53	1°16	25°13	6°59	16°25	1°54	25°53	14°49	16°16	7°34	29°29	F 16
S 17	4 14 9	2°36'51	18°47	27°53	3° 7	1°23	25°26	7° 2	16°27	1°56	25°52	14°50	16°13	7°41	29°30	S 17
S 18	4 18 6	3°37'49	1♓29	29°28	4°21	1°28	25°39	7° 4	16°28	1°58	25°52	14°R51	16° 9	7°47	29°31	S 18
M19	4 22 3	4°38'47	13°53	1♐ 2	5°35	1°33	25°53	7° 7	16°30	2° 0	25°52	14°50	16° 6	7°54	29°32	M19
T 20	4 25 59	5°39'45	26° 3	2°36	6°49	1°38	26° 6	7° 9	16°31	2° 2	25°51	14°48	16° 3	8° 1	29°33	T 20
W21	4 29 56	6°40'45	8♈ 2	4°10	8° 3	1°41	26°20	7°11	16°33	2° 4	25°51	14°44	16° 0	8° 7	29°34	W21
T 22	4 33 52	7°41'45	19°56	5°44	9°17	1°44	26°33	7°13	16°35	2° 6	25°51	14°39	15°57	8°14	29°35	T 22
F 23	4 37 49	8°42'46	1♉47	7°19	10°31	1°46	26°46	7°15	16°36	2° 9	25°51	14°32	15°54	8°21	29°36	F 23
S 24	4 41 45	9°43'47	13°39	8°53	11°45	1°48	26°59	7°17	16°38	2°11	25°50	14°25	15°50	8°28	29°38	S 24
S 25	4 45 42	10°44'49	25°34	10°27	12°58	1°R48	27°13	7°19	16°40	2°13	25°50	14°19	15°47	8°34	29°39	S 25
M26	4 49 38	11°45'52	7♊33	12° 2	14°12	1°48	27°26	7°20	16°42	2°15	25°50	14°13	15°44	8°41	29°40	M26
T 27	4 53 35	12°46'56	19°39	13°36	15°26	1°47	27°39	7°22	16°44	2°17	25°50	14° 9	15°41	8°48	29°42	T 27
W28	4 57 32	13°48'00	1♋52	15°11	16°40	1°45	27°52	7°23	16°46	2°19	25°50	14° 7	15°38	8°54	29°43	W28
T 29	5 1 28	14°49'06	14°14	16°46	17°54	1°42	28° 6	7°24	16°48	2°21	25°50	14°D 6	15°35	9° 1	29°45	T 29
F 30	5 5 25	15♐50'11	26♋47	18♐21	19♑ 7	1♌39	28♏19	7♍26	16♒50	2♑24	25♓50	14♋ 6	15♋31	9♉ 8	29♒47	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	16s48	22n29	0s57	11s 3	1n30	23s35	1s 6	22n23	1n51	17s35	0n44	10n49	1n39	16s44	0s43	22s35	0n56	17s 3	16s54	22n37	22n26	8n56	6s32	5n32
F 2	17 5	22 34	0n 9	11 41	1 24	23 46	1 9	22 21	1 53	17 38	0 44	10 48	1 39	16 44	0 43	22 35	0 56	17 3	16 54	22 37	22 26	8 58	6 32	5 32
S 3	17 22	21 31	1 15	12 18	1 18	23 56	1 11	22 20	1 55	17 42	0 44	10 47	1 40	16 44	0 43	22 35	0 56	17 3	16 54	22 37	22 27	9 1	6 33	5 32
S 4	17 39	19 19	2 20	12 55	1 11	24 6	1 13	22 20	1 58	17 45	0 44	10 46	1 40	16 43	0 43	22 35	0 56	17 3	16 54	22 37	22 27	9 3	6 33	5 31
M 5	17 55	16 4	3 19	13 32	1 5	24 15	1 15	22 19	2 0	17 49	0 44	10 45	1 40	16 43	0 43	22 35	0 56	17 3	16 53	22 37	22 28	9 6	6 33	5 31
T 6	18 11	11 52	4 8	14 8	0 58	24 24	1 17	22 18	2 2	17 52	0 44	10 43	1 40	16 43	0 43	22 35	0 56	17 3	16 53	22 37	22 28	9 8	6 34	5 30
W 7	18 27	6 53	4 45	14 44	0 51	24 31	1 20	22 18	2 4	17 56	0 44	10 42	1 41	16 42	0 43	22 35	0 56	17 3	16 53	22 37	22 28	9 11	6 34	5 30
T 8	18 43	1 23	5 4	15 19	0 44	24 38	1 22	22 17	2 7	17 59	0 44	10 41	1 41	16 42	0 43	22 35	0 56	17 3	16 52	22 38	22 29	9 13	6 34	5 30
F 9	18 58	4s19	5 4	15 53	0 37	24 45	1 24	22 17	2 9	18 3	0 44	10 40	1 41	16 42	0 43	22 35	0 56	17 3	16 52	22 39	22 29	9 16	6 34	5 29
S 10	19 12	9 53	4 42	16 27	0 30	24 50	1 26	22 17	2 12	18 6	0 44	10 39	1 41	16 41	0 43	22 35	0 56	17 3	16 52	22 40	22 30	9 18	6 35	5 29
S 11	19 27	14 51	4 0	17 0	0 23	24 55	1 28	22 17	2 14	18 9	0 44	10 38	1 42	16 41	0 43	22 35	0 56	17 3	16 51	22 41	22 30	9 20	6 35	5 29
M12	19 41	18 51	3 2	17 33	0 17	24 59	1 29	22 17	2 16	18 13	0 44	10 37	1 42	16 41	0 43	22 35	0 56	17 2	16 51	22 41	22 30	9 23	6 35	5 28
T 13	19 55	21 31	1 52	18 4	0 10	25 2	1 31	22 18	2 19	18 16	0 44	10 36	1 42	16 40	0 43	22 35	0 56	17 2	16 51	22 42	22 31	9 25	6 35	5 28
W14	20 8	22 41	0 36	18 35	0 3	25 5	1 33	22 18	2 21	18 19	0 43	10 36	1 42	16 40	0 43	22 35	0 56	17 2	16 50	22 42	22 31	9 28	6 35	5 27
T 15	20 21	22 21	0s40	19 5	0s 4	25 6	1 35	22 19	2 24	18 23	0 43	10 35	1 43	16 39	0 43	22 35	0 56	17 2	16 50	22 42	22 31	9 30	6 35	5 27
F 16	20 33	20 42	1 51	19 34	0 11	25 7	1 36	22 20	2 26	18 26	0 43	10 34	1 43	16 39	0 42	22 35	0 56	17 2	16 50	22 42	22 32	9 33	6 35	5 27
S 17	20 45	18 0	2 54	20 3	0 17	25 7	1 38	22 21	2 29	18 29	0 43	10 33	1 43	16 38	0 42	22 35	0 56	17 2	16 49	22 42	22 32	9 35	6 35	5 26
S 18	20 57	14 30	3 46	20 30	0 24	25 7	1 40	22 22	2 31	18 33	0 43	10 33	1 43	16 38	0 42	22 35	0 56	17 2	16 49	22 42	22 33	9 38	6 35	5 26
M19	21 9	10 27	4 26	20 56	0 30	25 5	1 41	22 23	2 34	18 36	0 43	10 32	1 44	16 37	0 42	22 35	0 56	17 1	16 49	22 42	22 33	9 40	6 35	5 26
T 20	21 20	6 4	4 54	21 21	0 37	25 3	1 43	22 25	2 37	18 39	0 43	10 31	1 44	16 37	0 42	22 35	0 56	17 1	16 48	22 42	22 33	9 43	6 35	5 25
W21	21 30	1 31	5 8	21 46	0 43	25 0	1 44	22 26	2 39	18 42	0 43	10 31	1 44	16 36	0 42	22 35	0 56	17 1	16 48	22 42	22 34	9 45	6 35	5 25
T 22	21 40	3n 3	5 9	22 9	0 49	24 57	1 45	22 28	2 42	18 45	0 43	10 30	1 44	16 36	0 42	22 35	0 56	17 1	16 48	22 43	22 34	9 47	6 35	5 24
F 23	21 50	7 30	4 56	22 31	0 55	24 52	1 46	22 31	2 45	18 48	0 43	10 30	1 45	16 35	0 42	22 35	0 56	17 1	16 47	22 44	22 35	9 50	6 35	5 24
S 24	21 59	11 41	4 31	22 52	1 1	24 47	1 47	22 33	2 47	18 52	0 43	10 29	1 45	16 35	0 42	22 35	0 56	17 0	16 47	22 45	22 35	9 52	6 35	5 24
S 25	22 8	15 26	3 54	23 12	1 7	24 41	1 49	22 35	2 50	18 55	0 43	10 29	1 45	16 34	0 42	22 35	0 56	17 0	16 47	22 45	22 35	9 55	6 35	5 23
M26	22 17	18 35	3 6	23 30	1 12	24 35	1 50	22 38	2 53	18 58	0 43	10 29	1 45	16 34	0 42	22 35	0 56	17 0	16 46	22 46	22 36	9 57	6 35	5 23
T 27	22 25	20 58	2 10	23 48	1 17	24 27	1 50	22 41	2 55	19 1	0 43	10 28	1 46	16 33	0 42	22 35	0 56	17 0	16 46	22 46	22 36	10 0	6 35	5 23
W28	22 32	22 24	1 7	24 4	1 23	24 19	1 51	22 44	2 58	19 4	0 43	10 28	1 46	16 32	0 42	22 35	0 56	16 59	16 46	22 46	22 36	10 2	6 35	5 22
T 29	22 39	22 46	0n 1	24 19	1 28	24 10	1 52	22 47	3 1	19 7	0 43	10 28	1 46	16 32	0 42	22 35	0 56	16 59	16 45	22 47	22 37	10 5	6 34	5 22
F 30	22s46	22n 0	1n 9	24s33	1s32	24s 1	1s53	22n51	3n 3	19s10	0n43	10n28	1n46	16s31	0s42	22s35	0n56	16s59	16s45	22n47	22n37	10n 7	6s34	5n22

Julian Day Number = 2207144.5, Delta T = 09m37s
Ecliptic obliquity = 23°31'31, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°24'25, Lahiri = 14°31'26 Julian Calendar 1 Nov. 1330 == Greg. Calendar 9 Nov. 1330

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ASTRODIENST EPHEMERIS for the year 1330
geocentric

DECEMBER 1330 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	5 9 21	16♐51'18	9♌32	19♐56	20♑21	1°R35	28♏32	7♍27	16♒52	2♑26	25°R50	14♋ 8	15♋28	9♉15	29♒48	S 1
S 2	5 13 18	17°52'26	22°32	21°31	21°35	1♌29	28°45	7°28	16°54	2°28	25°D50	14°10	15°25	9°21	29°50	S 2
M 3	5 17 14	18°53'34	5♍50	23° 6	22°48	1°24	28°58	7°29	16°56	2°30	25♓50	14°11	15°22	9°28	29°52	M 3
T 4	5 21 11	19°54'43	19°26	24°42	24° 2	1°17	29°11	7°29	16°58	2°33	25°50	14°R12	15°19	9°35	29°54	T 4
W 5	5 25 7	20°55'52	3♎23	26°18	25°15	1° 9	29°24	7°30	17° 1	2°35	25°50	14°11	15°15	9°41	29°55	W 5
T 6	5 29 4	21°57'03	17°39	27°54	26°29	1° 1	29°37	7°30	17° 3	2°37	25°50	14°10	15°12	9°48	29°57	T 6
F 7	5 33 1	22°58'14	2♏13	29°30	27°42	0°51	29°50	7°31	17° 5	2°39	25°50	14° 7	15° 9	9°55	29°59	F 7
S 8	5 36 57	23°59'25	17° 0	1♑ 6	28°56	0°41	0♐ 3	7°31	17° 7	2°42	25°50	14° 4	15° 6	10° 2	0♓ 1	S 8
S 9	5 40 54	25° 0'37	1♐53	2°43	0♒ 9	0°30	0°16	7°31	17°10	2°44	25°50	14° 2	15° 3	10° 8	0° 3	S 9
M10	5 44 50	26° 1'50	16°45	4°20	1°23	0°18	0°28	7°R31	17°12	2°46	25°50	13°59	15° 0	10°15	0° 6	M10
T 11	5 48 47	27° 3'03	1♑28	5°57	2°36	0° 6	0°41	7°31	17°15	2°48	25°51	13°58	14°56	10°22	0° 8	T 11
W12	5 52 43	28° 4'16	15°53	7°34	3°49	29♋52	0°54	7°31	17°17	2°51	25°51	13°D58	14°53	10°28	0°10	W12
T 13	5 56 40	29° 5'29	29°57	9°11	5° 3	29°38	1° 7	7°31	17°20	2°53	25°51	13°58	14°50	10°35	0°12	T 13
F 14	6 0 36	0♑ 6'42	13♒35	10°48	6°16	29°23	1°19	7°31	17°22	2°55	25°51	13°59	14°47	10°42	0°15	F 14
S 15	6 4 33	1° 7'54	26°49	12°25	7°29	29° 8	1°32	7°30	17°25	2°57	25°52	14° 1	14°44	10°49	0°17	S 15
S 16	6 8 30	2° 9'07	9♓38	14° 2	8°42	28°51	1°44	7°30	17°28	3° 0	25°52	14° 2	14°41	10°55	0°19	S 16
M17	6 12 26	3°10'19	22° 8	15°39	9°55	28°34	1°57	7°29	17°30	3° 2	25°52	14° 2	14°37	11° 2	0°22	M17
T 18	6 16 23	4°11'31	4♈20	17°16	11° 8	28°16	2° 9	7°28	17°33	3° 4	25°53	14°R 3	14°34	11° 9	0°24	T 18
W19	6 20 19	5°12'42	16°21	18°52	12°21	27°58	2°22	7°27	17°36	3° 6	25°53	14° 2	14°31	11°15	0°27	W19
T 20	6 24 16	6°13'53	28°15	20°28	13°34	27°39	2°34	7°26	17°39	3° 9	25°53	14° 2	14°28	11°22	0°30	T 20
F 21	6 28 12	7°15'03	10♉ 6	22° 3	14°46	27°19	2°46	7°25	17°42	3°11	25°54	14° 1	14°25	11°29	0°32	F 21
S 22	6 32 9	8°16'14	21°58	23°37	15°59	26°59	2°58	7°24	17°44	3°13	25°54	14° 0	14°21	11°35	0°35	S 22
S 23	6 36 5	9°17'23	3♊56	25°10	17°12	26°38	3°11	7°22	17°47	3°16	25°55	13°59	14°18	11°42	0°38	S 23
M24	6 40 2	10°18'32	16° 1	26°42	18°24	26°17	3°23	7°21	17°50	3°18	25°55	13°59	14°15	11°49	0°40	M24
T 25	6 43 59	11°19'41	28°17	28°12	19°37	25°55	3°35	7°19	17°53	3°20	25°56	13°58	14°12	11°56	0°43	T 25
W26	6 47 55	12°20'50	10♋45	29°40	20°49	25°33	3°47	7°18	17°56	3°22	25°56	13°D58	14° 9	12° 2	0°46	W26
T 27	6 51 52	13°21'58	23°25	1♒ 5	22° 2	25°10	3°58	7°16	17°59	3°25	25°57	13°58	14° 6	12° 9	0°49	T 27
F 28	6 55 48	14°23'05	6♌19	2°27	23°14	24°47	4°10	7°14	18° 2	3°27	25°57	13°R58	14° 2	12°16	0°52	F 28
S 29	6 59 45	15°24'12	19°27	3°45	24°26	24°24	4°22	7°12	18° 5	3°29	25°58	13°58	13°59	12°22	0°55	S 29
S 30	7 3 41	16°25'19	2♍47	4°59	25°38	24° 1	4°34	7°10	18° 8	3°31	25°59	13°58	13°56	12°29	0°58	S 30
M31	7 7 38	17♑26'26	16♍20	6♒ 8	26♒50	23♋37	4♐45	7♍ 8	18♒11	3♑34	25♓59	13♋58	13♋53	12♉36	1♓ 1	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22s52	20n 6	2n15	24s45	1s37	23s51	1s53	22n54	3n 6	19s13	0n43	10n27	1n47	16s30	0s42	22s35	0n56	16s58	16s45	22n46	22n37	10n 9	6s34	5n21
S 2	22 58	17 8	3 16	24 56	1 41	23 40	1 54	22 58	3 9	19 16	0 43	10 27	1 47	16 30	0 42	22 35	0 56	16 58	16 44	22 46	22 38	10 12	6 34	5 21
M 3	23 4	13 14	4 7	25 6	1 45	23 28	1 54	23 2	3 12	19 18	0 43	10 27	1 47	16 29	0 42	22 34	0 56	16 58	16 44	22 46	22 38	10 14	6 33	5 21
T 4	23 8	8 35	4 46	25 14	1 49	23 16	1 55	23 6	3 14	19 21	0 43	10 27	1 48	16 28	0 42	22 34	0 56	16 57	16 43	22 46	22 39	10 17	6 33	5 20
W 5	23 13	3 23	5 9	25 21	1 53	23 3	1 55	23 11	3 17	19 24	0 42	10 27	1 48	16 28	0 42	22 34	0 56	16 57	16 43	22 46	22 39	10 19	6 33	5 20
T 6	23 17	2s 7	5 14	25 26	1 56	22 49	1 55	23 15	3 20	19 27	0 42	10 27	1 48	16 27	0 42	22 34	0 56	16 57	16 43	22 46	22 39	10 22	6 32	5 20
F 7	23 20	7 36	4 59	25 30	1 59	22 35	1 55	23 20	3 22	19 30	0 42	10 27	1 48	16 26	0 42	22 34	0 56	16 56	16 42	22 46	22 40	10 24	6 32	5 19
S 8	23 23	12 45	4 25	25 33	2 1	22 20	1 55	23 25	3 25	19 33	0 42	10 27	1 49	16 25	0 42	22 34	0 56	16 56	16 42	22 47	22 40	10 26	6 32	5 19
S 9	23 26	17 9	3 32	25 33	2 4	22 4	1 55	23 30	3 28	19 35	0 42	10 28	1 49	16 25	0 42	22 34	0 56	16 56	16 42	22 47	22 40	10 29	6 31	5 19
M10	23 28	20 28	2 25	25 33	2 6	21 48	1 55	23 35	3 30	19 38	0 42	10 28	1 49	16 24	0 42	22 34	0 56	16 55	16 41	22 47	22 41	10 31	6 31	5 18
T 11	23 30	22 22	1 9	25 30	2 7	21 31	1 55	23 40	3 33	19 41	0 42	10 28	1 49	16 23	0 42	22 34	0 56	16 55	16 41	22 47	22 41	10 34	6 30	5 18
W12	23 31	22 45	0s11	25 27	2 8	21 13	1 55	23 45	3 35	19 43	0 42	10 28	1 50	16 22	0 42	22 34	0 55	16 54	16 41	22 47	22 41	10 36	6 30	5 18
T 13	23 31	21 39	1 27	25 21	2 9	20 55	1 54	23 51	3 38	19 46	0 42	10 29	1 50	16 21	0 42	22 34	0 55	16 54	16 40	22 47	22 42	10 39	6 29	5 17
F 14	23 32	19 18	2 37	25 14	2 9	20 37	1 54	23 57	3 40	19 49	0 42	10 29	1 50	16 21	0 42	22 34	0 55	16 54	16 40	22 47	22 42	10 41	6 29	5 17
S 15	23 31	16 0	3 36	25 5	2 9	20 17	1 53	24 2	3 43	19 51	0 42	10 30	1 50	16 20	0 42	22 34	0 55	16 53	16 40	22 47	22 42	10 44	6 28	5 17
S 16	23 30	12 1	4 22	24 55	2 9	19 57	1 52	24 8	3 45	19 54	0 42	10 30	1 51	16 19	0 42	22 34	0 55	16 53	16 39	22 47	22 43	10 46	6 28	5 16
M17	23 29	7 38	4 54	24 43	2 7	19 37	1 52	24 14	3 48	19 56	0 42	10 30	1 51	16 18	0 42	22 34	0 55	16 52	16 39	22 47	22 43	10 48	6 27	5 16
T 18	23 28	3 3	5 12	24 29	2 6	19 16	1 51	24 20	3 50	19 59	0 42	10 31	1 51	16 17	0 42	22 34	0 55	16 52	16 38	22 47	22 44	10 51	6 26	5 16
W19	23 25	1n35	5 17	24 14	2 3	18 55	1 50	24 26	3 52	20 1	0 42	10 32	1 51	16 16	0 42	22 34	0 55	16 51	16 38	22 47	22 44	10 53	6 26	5 15
T 20	23 23	6 6	5 7	23 57	2 0	18 33	1 49	24 32	3 54	20 4	0 42	10 32	1 52	16 16	0 42	22 34	0 55	16 51	16 38	22 47	22 44	10 56	6 25	5 15
F 21	23 20	10 23	4 45	23 38	1 57	18 10	1 48	24 38	3 56	20 6	0 42	10 33	1 52	16 15	0 42	22 34	0 55	16 50	16 37	22 47	22 45	10 58	6 25	5 15
S 22	23 16	14 18	4 10	23 18	1 53	17 48	1 46	24 44	3 58	20 8	0 42	10 34	1 52	16 14	0 42	22 34	0 55	16 50	16 37	22 47	22 45	11 0	6 24	5 15
S 23	23 12	17 40	3 24	22 56	1 48	17 24	1 45	24 50	4 0	20 11	0 42	10 34	1 52	16 13	0 42	22 34	0 55	16 49	16 37	22 47	22 45	11 3	6 23	5 14
M24	23 7	20 19	2 29	22 33	1 42	17 0	1 44	24 56	4 2	20 13	0 42	10 35	1 53	16 12	0 42	22 34	0 55	16 49	16 36	22 47	22 46	11 5	6 23	5 14
T 25	23 2	22 5	1 26	22 9	1 35	16 36	1 42	25 2	4 4	20 15	0 42	10 36	1 53	16 11	0 41	22 34	0 55	16 48	16 36	22 47	22 46	11 8	6 22	5 14
W26	22 57	22 47	0 18	21 44	1 28	16 12	1 41	25 8	4 6	20 18	0 42	10 37	1 53	16 10	0 41	22 34	0 55	16 48	16 36	22 47	22 46	11 10	6 21	5 13
T 27	22 51	22 21	0n52	21 17	1 19	15 46	1 39	25 14	4 7	20 20	0 42	10 38	1 53	16 9	0 41	22 34	0 55	16 47	16 35	22 47	22 47	11 13	6 20	5 13
F 28	22 45	20 43	2 1	20 49	1 10	15 21	1 37	25 19	4 9	20 22	0 42	10 39	1 54	16 8	0 41	22 33	0 55	16 47	16 35	22 47	22 47	11 15	6 20	5 13
S 29	22 38	17 58	3 4	20 21	1 0	14 55	1 35	25 25	4 10	20 24	0 42	10 40	1 54	16 7	0 41	22 33	0 55	16 46	16 35	22 47	22 47	11 17	6 19	5 13
S 30	22 31	14 14	3 59	19 53	0 49	14 29	1 33	25 31	4 11	20 26	0 42	10 41	1 54	16 6	0 41	22 33	0 55	16 46	16 34	22 47	22 48	11 20	6 18	5 12
M31	22s23	9n43	4n41	19s24	0s37	14s 2	1s31	25n36	4n13	20s28	0n42	10n42	1n54	16s 5	0s41	22s33	0n55	16s45	16s34	22n47	22n48	11n22	6s17	5n12

Julian Day Number = 2207174.5, Delta T = 09m37s
Ecliptic obliquity = 23°31'31, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°24'29, Lahiri = 14°31'30 Julian Calendar 1 Dec. 1330 == Greg. Calendar 9 Dec. 1330

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ASTRODIENST EPHEMERIS for the year 1331
geocentric

JANUARY 1331 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	7 11 35	18♉27'31	0♎ 5	7♒12	28♒ 2	23°R13	4♐57	7°R 6	18♒14	3♉36	26♓ 0	13°R57	13♋50	12♌43	1♓ 4	T 1
W 2	7 15 31	19°28'37	14° 2	8° 9	29°14	22♋49	5° 8	7♍ 3	18°17	3°38	26° 1	13°D57	13°47	12°49	1° 7	W 2
T 3	7 19 28	20°29'42	28° 9	8°58	0♓26	22°25	5°20	7° 1	18°21	3°40	26° 1	13♋57	13°43	12°56	1°10	T 3
F 4	7 23 24	21°30'47	12♏25	9°39	1°37	22° 1	5°31	6°58	18°24	3°42	26° 2	13°58	13°40	13° 3	1°13	F 4
S 5	7 27 21	22°31'52	26°46	10°11	2°49	21°37	5°42	6°56	18°27	3°45	26° 3	13°58	13°37	13° 9	1°17	S 5
S 6	7 31 17	23°32'56	11♐11	10°33	4° 1	21°13	5°53	6°53	18°30	3°47	26° 4	13°59	13°34	13°16	1°20	S 6
M 7	7 35 14	24°33'59	25°34	10°44	5°12	20°49	6° 4	6°50	18°33	3°49	26° 4	14° 0	13°31	13°23	1°23	M 7
T 8	7 39 10	25°35'02	9♉50	10°R45	6°23	20°25	6°15	6°47	18°37	3°51	26° 5	14°R 0	13°27	13°29	1°27	T 8
W 9	7 43 7	26°36'04	23°56	10°33	7°34	20° 2	6°26	6°44	18°40	3°53	26° 6	14° 0	13°24	13°36	1°30	W 9
T 10	7 47 4	27°37'05	7♒47	10°11	8°45	19°38	6°37	6°41	18°43	3°55	26° 7	13°59	13°21	13°43	1°33	T 10
F 11	7 51 0	28°38'05	21°19	9°37	9°56	19°15	6°48	6°38	18°46	3°57	26° 8	13°58	13°18	13°50	1°37	F 11
S 12	7 54 57	29°39'04	4♓31	8°53	11° 7	18°53	6°58	6°35	18°50	4° 0	26° 9	13°55	13°15	13°56	1°40	S 12
S 13	7 58 53	0♒40'01	17°23	8° 0	12°18	18°31	7° 9	6°31	18°53	4° 2	26°10	13°53	13°12	14° 3	1°44	S 13
M14	8 2 50	1°40'58	29°55	6°59	13°29	18° 9	7°19	6°28	18°56	4° 4	26°10	13°50	13° 8	14°10	1°47	M14
T 15	8 6 46	2°41'52	12♈11	5°51	14°39	17°47	7°29	6°24	19° 0	4° 6	26°11	13°48	13° 5	14°16	1°51	T 15
W16	8 10 43	3°42'46	24°15	4°40	15°49	17°27	7°39	6°21	19° 3	4° 8	26°12	13°47	13° 2	14°23	1°54	W16
T 17	8 14 39	4°43'38	6♉ 9	3°27	17° 0	17° 6	7°50	6°17	19° 7	4°10	26°13	13°D47	12°59	14°30	1°58	T 17
F 18	8 18 36	5°44'29	18° 1	2°14	18°10	16°47	8° 0	6°13	19°10	4°12	26°14	13°47	12°56	14°37	2° 1	F 18
S 19	8 22 33	6°45'18	29°53	1° 3	19°20	16°28	8° 9	6°10	19°13	4°14	26°15	13°49	12°53	14°43	2° 5	S 19
S 20	8 26 29	7°46'06	11♊52	29♉56	20°29	16° 9	8°19	6° 6	19°17	4°16	26°16	13°50	12°49	14°50	2° 8	S 20
M21	8 30 26	8°46'52	24° 0	28°54	21°39	15°51	8°29	6° 2	19°20	4°18	26°17	13°52	12°46	14°57	2°12	M21
T 22	8 34 22	9°47'37	6♋23	27°58	22°49	15°34	8°39	5°58	19°24	4°20	26°19	13°53	12°43	15° 3	2°16	T 22
W23	8 38 19	10°48'20	19° 3	27°10	23°58	15°18	8°48	5°54	19°27	4°22	26°20	13°R53	12°40	15°10	2°19	W23
T 24	8 42 15	11°49'02	2♌ 1	26°30	25° 7	15° 2	8°57	5°50	19°30	4°24	26°21	13°52	12°37	15°17	2°23	T 24
F 25	8 46 12	12°49'42	15°18	25°58	26°16	14°47	9° 7	5°45	19°34	4°26	26°22	13°49	12°33	15°23	2°27	F 25
S 26	8 50 8	13°50'21	28°52	25°34	27°25	14°33	9°16	5°41	19°37	4°27	26°23	13°45	12°30	15°30	2°31	S 26
S 27	8 54 5	14°50'59	12♍40	25°17	28°33	14°19	9°25	5°37	19°41	4°29	26°24	13°41	12°27	15°37	2°34	S 27
M28	8 58 2	15°51'35	26°40	25° 9	29°42	14° 6	9°34	5°33	19°44	4°31	26°25	13°36	12°24	15°44	2°38	M28
T 29	9 1 58	16°52'09	10♎48	25°D 8	0♈50	13°54	9°42	5°28	19°48	4°33	26°26	13°31	12°21	15°50	2°42	T 29
W30	9 5 55	17°52'43	24°59	25°13	1°58	13°43	9°51	5°24	19°51	4°35	26°28	13°27	12°18	15°57	2°46	W30
T 31	9 9 51	18♒53'15	9♏11	25♉26	3♈ 6	13♋33	9♐59	5♍19	19♒55	4♉36	26♓29	13♋25	12♋14	16♉ 4	2♓50	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22s15	4n40	5n 8	18s55	0s24	13s35	1s29	25n41	4n14	20s31	0n42	10n43	1n55	16s 4	0s41	22s33	0n55	16s44	16s34	22n47	22n48	11n25	6s16	5n12
W 2	22 6	0s41	5 17	18 27	0 10	13 8	1 27	25 46	4 15	20 33	0 42	10 44	1 55	16 3	0 41	22 33	0 55	16 44	16 33	22 47	22 49	11 27	6 15	5 12
T 3	21 57	6 4	5 8	18 0	0n 5	12 40	1 24	25 51	4 16	20 35	0 42	10 45	1 55	16 2	0 41	22 33	0 55	16 43	16 33	22 47	22 49	11 29	6 15	5 11
F 4	21 48	11 11	4 39	17 33	0 21	12 13	1 22	25 56	4 17	20 37	0 42	10 46	1 55	16 1	0 41	22 33	0 55	16 43	16 33	22 47	22 49	11 32	6 14	5 11
S 5	21 38	15 44	3 53	17 9	0 38	11 44	1 19	26 1	4 17	20 39	0 42	10 47	1 56	16 0	0 41	22 33	0 55	16 42	16 32	22 47	22 50	11 34	6 13	5 11
S 6	21 28	19 21	2 52	16 46	0 55	11 16	1 17	26 5	4 18	20 41	0 42	10 48	1 56	15 59	0 41	22 33	0 55	16 42	16 32	22 47	22 50	11 37	6 12	5 11
M 7	21 17	21 47	1 40	16 26	1 13	10 47	1 14	26 10	4 18	20 43	0 42	10 50	1 56	15 58	0 41	22 33	0 55	16 41	16 32	22 47	22 50	11 39	6 11	5 11
T 8	21 6	22 47	0 23	16 8	1 31	10 18	1 11	26 14	4 19	20 44	0 42	10 51	1 56	15 57	0 41	22 33	0 55	16 40	16 31	22 47	22 51	11 41	6 10	5 10
W 9	20 55	22 18	0s55	15 54	1 49	9 49	1 8	26 18	4 19	20 46	0 42	10 52	1 57	15 56	0 41	22 33	0 55	16 40	16 31	22 47	22 51	11 44	6 9	5 10
T 10	20 43	20 27	2 8	15 43	2 7	9 19	1 5	26 21	4 19	20 48	0 42	10 54	1 57	15 55	0 41	22 33	0 55	16 39	16 31	22 47	22 51	11 46	6 8	5 10
F 11	20 30	17 28	3 12	15 35	2 24	8 50	1 2	26 25	4 19	20 50	0 42	10 55	1 57	15 54	0 41	22 33	0 55	16 38	16 31	22 47	22 51	11 49	6 7	5 10
S 12	20 18	13 40	4 4	15 31	2 40	8 20	0 59	26 28	4 19	20 52	0 42	10 57	1 57	15 53	0 41	22 33	0 55	16 38	16 30	22 48	22 52	11 51	6 6	5 9
S 13	20 5	9 20	4 43	15 31	2 55	7 50	0 56	26 31	4 19	20 53	0 42	10 58	1 57	15 52	0 41	22 32	0 55	16 37	16 30	22 48	22 52	11 53	6 5	5 9
M14	19 51	4 43	5 6	15 33	3 8	7 20	0 53	26 34	4 19	20 55	0 42	10 59	1 58	15 51	0 41	22 32	0 55	16 37	16 30	22 48	22 52	11 56	6 4	5 9
T 15	19 38	0 0	5 15	15 39	3 20	6 49	0 49	26 36	4 18	20 57	0 42	11 1	1 58	15 50	0 41	22 32	0 55	16 36	16 29	22 48	22 53	11 58	6 3	5 9
W16	19 24	4n37	5 10	15 47	3 29	6 19	0 46	26 39	4 18	20 58	0 42	11 2	1 58	15 49	0 41	22 32	0 55	16 35	16 29	22 49	22 53	12 1	6 2	5 9
T 17	19 9	9 2	4 52	15 58	3 35	5 48	0 42	26 41	4 17	21 0	0 42	11 4	1 58	15 48	0 41	22 32	0 55	16 35	16 29	22 49	22 53	12 3	6 1	5 9
F 18	18 54	13 5	4 21	16 10	3 39	5 17	0 38	26 43	4 17	21 2	0 42	11 6	1 58	15 47	0 41	22 32	0 55	16 34	16 29	22 49	22 54	12 5	6 0	5 8
S 19	18 39	16 38	3 39	16 24	3 41	4 46	0 35	26 45	4 16	21 3	0 42	11 7	1 59	15 46	0 41	22 32	0 55	16 33	16 28	22 48	22 54	12 8	5 58	5 8
S 20	18 24	19 32	2 47	16 39	3 40	4 15	0 31	26 46	4 15	21 5	0 42	11 9	1 59	15 45	0 41	22 32	0 55	16 33	16 28	22 48	22 54	12 10	5 57	5 8
M21	18 8	21 36	1 47	16 54	3 37	3 44	0 27	26 47	4 14	21 6	0 42	11 10	1 59	15 44	0 41	22 32	0 55	16 32	16 28	22 48	22 55	12 13	5 56	5 8
T 22	17 52	22 41	0 41	17 10	3 33	3 13	0 23	26 49	4 14	21 8	0 42	11 12	1 59	15 43	0 41	22 32	0 55	16 31	16 27	22 48	22 55	12 15	5 55	5 8
W23	17 35	22 38	0n28	17 26	3 26	2 42	0 19	26 49	4 13	21 9	0 42	11 14	1 59	15 42	0 41	22 32	0 55	16 31	16 27	22 48	22 55	12 17	5 54	5 8
T 24	17 18	21 22	1 38	17 41	3 18	2 10	0 15	26 50	4 11	21 11	0 42	11 15	1 59	15 40	0 41	22 32	0 55	16 30	16 27	22 48	22 56	12 20	5 53	5 7
F 25	17 1	18 55	2 44	17 56	3 9	1 39	0 11	26 51	4 10	21 12	0 42	11 17	2 0	15 39	0 41	22 32	0 55	16 29	16 27	22 48	22 56	12 22	5 51	5 7
S 26	16 44	15 22	3 42	18 10	2 59	1 8	0 6	26 51	4 9	21 13	0 42	11 19	2 0	15 38	0 41	22 32	0 55	16 29	16 26	22 49	22 56	12 24	5 50	5 7
S 27	16 26	10 57	4 28	18 24	2 48	0 36	0 2	26 52	4 8	21 15	0 42	11 21	2 0	15 37	0 41	22 32	0 55	16 28	16 26	22 49	22 56	12 27	5 49	5 7
M28	16 8	5 53	4 58	18 37	2 37	0 5	0n 2	26 52	4 6	21 16	0 42	11 22	2 0	15 36	0 41	22 31	0 55	16 27	16 26	22 50	22 57	12 29	5 48	5 7
T 29	15 50	0 29	5 11	18 49	2 25	0n26	0 7	26 52	4 5	21 17	0 42	11 24	2 0	15 35	0 41	22 31	0 55	16 27	16 26	22 50	22 57	12 32	5 47	5 7
W30	15 32	4s58	5 5	19 0	2 13	0 58	0 11	26 51	4 4	21 19	0 42	11 26	2 0	15 34	0 41	22 31	0 56	16 26	16 26	22 51	22 57	12 34	5 45	5 7
T 31	15s13	10s10	4n41	19s10	2n 0	1n29	0n16	26n51	4n 2	21s20	0n42	11n28	2n 1	15s33	0s41	22s31	0n56	16s25	16s25	22n51	22n58	12n36	5s44	5n 6

Julian Day Number = 2207205.5, Delta T = 09m37s
Ecliptic obliquity = 23°31'32, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°24'34, Lahiri = 14°31'34 Julian Calendar 1 Jan. 1331 == Greg. Calendar 9 Jan. 1331

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ASTRODIENST EPHEMERIS for the year 1331
geocentric

FEBRUARY 1331 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	9 13 48	19♒53'46	23♏21	25♑44	4♈14	13°R23	10♐ 8	5°R15	19♒58	4♑38	26♓30	13°D25	12♋11	16♉10	2♓53	F 1
S 2	9 17 44	20°54'16	7♐28	26° 8	5°21	13♋14	10°16	5♏10	20° 2	4°40	26°31	13♋26	12° 8	16°17	2°57	S 2
S 3	9 21 41	21°54'44	21°29	26°37	6°29	13° 6	10°24	5° 6	20° 5	4°42	26°33	13°27	12° 5	16°24	3° 1	S 3
M 4	9 25 37	22°55'11	5♑24	27°11	7°36	12°59	10°32	5° 1	20° 8	4°43	26°34	13°29	12° 2	16°30	3° 5	M 4
T 5	9 29 34	23°55'37	19°12	27°50	8°43	12°52	10°40	4°56	20°12	4°45	26°35	13°R29	11°59	16°37	3° 9	T 5
W 6	9 33 31	24°56'01	2♒51	28°32	9°49	12°47	10°48	4°52	20°15	4°47	26°36	13°27	11°55	16°44	3°13	W 6
T 7	9 37 27	25°56'24	16°18	29°19	10°56	12°42	10°55	4°47	20°19	4°48	26°38	13°23	11°52	16°51	3°16	T 7
F 8	9 41 24	26°56'44	29°33	0♒ 9	12° 2	12°38	11° 3	4°42	20°22	4°50	26°39	13°17	11°49	16°57	3°20	F 8
S 9	9 45 20	27°57'03	12♓32	1° 2	13° 8	12°34	11°10	4°38	20°26	4°51	26°40	13°10	11°46	17° 4	3°24	S 9
S 10	9 49 17	28°57'20	25°17	1°59	14°13	12°32	11°17	4°33	20°29	4°53	26°42	13° 1	11°43	17°11	3°28	S 10
M11	9 53 13	29°57'35	7♈46	2°58	15°19	12°30	11°24	4°28	20°33	4°54	26°43	12°52	11°39	17°17	3°32	M11
T 12	9 57 10	0♓57'48	20° 0	4° 0	16°24	12°29	11°31	4°23	20°36	4°56	26°44	12°45	11°36	17°24	3°36	T 12
W13	10 1 6	1°57'59	2♉ 3	5° 4	17°29	12°D29	11°38	4°19	20°40	4°57	26°46	12°38	11°33	17°31	3°40	W13
T 14	10 5 3	2°58'08	13°58	6°10	18°34	12°29	11°45	4°14	20°43	4°59	26°47	12°34	11°30	17°37	3°44	T 14
F 15	10 9 0	3°58'15	25°48	7°19	19°38	12°30	11°51	4° 9	20°46	5° 0	26°48	12°32	11°27	17°44	3°48	F 15
S 16	10 12 56	4°58'20	7♊39	8°30	20°42	12°32	11°57	4° 4	20°50	5° 1	26°50	12°D31	11°24	17°51	3°51	S 16
S 17	10 16 53	5°58'22	19°37	9°43	21°46	12°35	12° 3	3°59	20°53	5° 3	26°51	12°32	11°20	17°57	3°55	S 17
M18	10 20 49	6°58'23	1♋45	10°57	22°49	12°38	12° 9	3°55	20°56	5° 4	26°53	12°33	11°17	18° 4	3°59	M18
T 19	10 24 46	7°58'21	14°10	12°14	23°52	12°43	12°15	3°50	21° 0	5° 5	26°54	12°R34	11°14	18°11	4° 3	T 19
W20	10 28 42	8°58'17	26°55	13°32	24°55	12°47	12°21	3°45	21° 3	5° 7	26°55	12°33	11°11	18°18	4° 7	W20
T 21	10 32 39	9°58'11	10♌ 4	14°51	25°57	12°53	12°26	3°40	21° 6	5° 8	26°57	12°29	11° 8	18°24	4°11	T 21
F 22	10 36 35	10°58'03	23°36	16°12	26°59	12°59	12°32	3°36	21°10	5° 9	26°58	12°24	11° 5	18°31	4°15	F 22
S 23	10 40 32	11°57'52	7♍32	17°35	28° 1	13° 5	12°37	3°31	21°13	5°10	27° 0	12°16	11° 1	18°38	4°19	S 23
S 24	10 44 29	12°57'40	21°47	18°59	29° 2	13°13	12°42	3°26	21°16	5°11	27° 1	12° 6	10°58	18°44	4°22	S 24
M25	10 48 25	13°57'26	6♎17	20°25	0♉ 3	13°21	12°47	3°22	21°20	5°12	27° 3	11°56	10°55	18°51	4°26	M25
T 26	10 52 22	14°57'09	20°53	21°52	1° 3	13°29	12°51	3°17	21°23	5°14	27° 4	11°47	10°52	18°58	4°30	T 26
W27	10 56 18	15°56'51	5♏28	23°20	2° 3	13°38	12°56	3°12	21°26	5°15	27° 6	11°39	10°49	19° 4	4°34	W27
T 28	11 0 15	16♓56'31	19♏58	24♒50	3♉ 3	13♋48	13♐ 0	3♍ 8	21♒29	5♑16	27♓ 7	11♋34	10♋45	19♉11	4♓38	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	14s54	14s49	3n59	19s18	1n48	2n 0	0n21	26n50	4n 1	21s21	0n42	11n29	2n 1	15s32	0s41	22s31	0n56	16s25	16s25	22n51	22n58	12n39	5s43	5n 6	F 1
S 2	14 35	18 37	3 3	19 26	1 36	2 31	0 25	26 50	3 59	21 22	0 42	11 31	2 1	15 31	0 41	22 31	0 56	16 24	16 25	22 51	22 58	12 41	5 42	5 6	S 2
S 3	14 15	21 19	1 57	19 33	1 23	3 2	0 30	26 49	3 58	21 23	0 42	11 33	2 1	15 29	0 41	22 31	0 56	16 23	16 25	22 51	22 58	12 43	5 40	5 6	S 3
M 4	13 56	22 41	0 44	19 38	1 11	3 33	0 35	26 48	3 56	21 24	0 42	11 35	2 1	15 28	0 41	22 31	0 56	16 23	16 25	22 50	22 59	12 46	5 39	5 6	M 4
T 5	13 36	22 39	0s31	19 42	0 59	4 4	0 40	26 47	3 54	21 26	0 42	11 37	2 1	15 27	0 41	22 31	0 56	16 22	16 24	22 50	22 59	12 48	5 38	5 6	T 5
W 6	13 15	21 16	1 43	19 45	0 48	4 35	0 45	26 46	3 53	21 27	0 43	11 39	2 1	15 26	0 41	22 31	0 56	16 21	16 24	22 51	22 59	12 50	5 37	5 6	W 6
T 7	12 55	18 41	2 48	19 46	0 36	5 6	0 50	26 45	3 51	21 28	0 43	11 40	2 1	15 25	0 41	22 31	0 56	16 21	16 24	22 51	23 0	12 53	5 35	5 6	T 7
F 8	12 34	15 9	3 43	19 47	0 25	5 36	0 55	26 44	3 49	21 29	0 43	11 42	2 2	15 24	0 41	22 31	0 56	16 20	16 24	22 52	23 0	12 55	5 34	5 6	F 8
S 9	12 14	10 57	4 25	19 46	0 14	6 7	1 0	26 42	3 47	21 30	0 43	11 44	2 2	15 23	0 41	22 31	0 56	16 19	16 24	22 52	23 0	12 58	5 33	5 6	S 9
S 10	11 53	6 22	4 53	19 44	0 4	6 37	1 5	26 41	3 46	21 31	0 43	11 46	2 2	15 22	0 41	22 31	0 56	16 19	16 23	22 53	23 0	13 0	5 31	5 6	S 10
M11	11 32	1 36	5 6	19 40	0s 6	7 7	1 10	26 39	3 44	21 32	0 43	11 48	2 2	15 21	0 41	22 30	0 56	16 18	16 23	22 54	23 1	13 2	5 30	5 5	M11
T 12	11 10	3n 8	5 5	19 35	0 16	7 37	1 15	26 37	3 42	21 32	0 43	11 50	2 2	15 20	0 41	22 30	0 56	16 17	16 23	22 55	23 1	13 5	5 29	5 5	T 12
W13	10 49	7 41	4 50	19 29	0 25	8 7	1 20	26 36	3 40	21 33	0 43	11 51	2 2	15 19	0 41	22 30	0 56	16 17	16 23	22 55	23 1	13 7	5 27	5 5	W13
T 14	10 27	11 54	4 23	19 21	0 35	8 37	1 25	26 34	3 39	21 34	0 43	11 53	2 2	15 17	0 41	22 30	0 56	16 16	16 23	22 56	23 2	13 9	5 26	5 5	T 14
F 15	10 5	15 38	3 44	19 12	0 43	9 6	1 31	26 32	3 37	21 35	0 43	11 55	2 2	15 16	0 41	22 30	0 56	16 15	16 23	22 56	23 2	13 12	5 25	5 5	F 15
S 16	9 43	18 46	2 56	19 2	0 52	9 35	1 36	26 30	3 35	21 36	0 43	11 57	2 2	15 15	0 41	22 30	0 56	16 15	16 23	22 56	23 2	13 14	5 23	5 5	S 16
S 17	9 21	21 7	2 0	18 51	1 0	10 4	1 41	26 28	3 33	21 37	0 43	11 59	2 2	15 14	0 41	22 30	0 56	16 14	16 23	22 56	23 2	13 16	5 22	5 5	S 17
M18	8 59	22 33	0 58	18 38	1 7	10 33	1 47	26 26	3 31	21 37	0 43	12 1	2 2	15 13	0 41	22 30	0 56	16 13	16 22	22 56	23 3	13 19	5 21	5 5	M18
T 19	8 37	22 55	0n 9	18 23	1 15	11 2	1 52	26 23	3 29	21 38	0 43	12 2	2 2	15 12	0 41	22 30	0 56	16 13	16 22	22 56	23 3	13 21	5 19	5 5	T 19
W20	8 14	22 6	1 16	18 8	1 22	11 30	1 57	26 21	3 28	21 39	0 43	12 4	2 2	15 11	0 41	22 30	0 56	16 12	16 22	22 56	23 3	13 23	5 18	5 5	W20
T 21	7 51	20 4	2 22	17 51	1 28	11 58	2 3	26 19	3 26	21 39	0 43	12 6	2 3	15 10	0 41	22 30	0 56	16 11	16 22	22 56	23 3	13 26	5 16	5 5	T 21
F 22	7 29	16 52	3 21	17 32	1 34	12 26	2 8	26 16	3 24	21 40	0 43	12 8	2 3	15 9	0 41	22 30	0 56	16 11	16 22	22 57	23 4	13 28	5 15	5 5	F 22
S 23	7 6	12 38	4 10	17 12	1 40	12 53	2 14	26 14	3 22	21 41	0 43	12 9	2 3	15 8	0 41	22 30	0 56	16 10	16 22	22 57	23 4	13 30	5 14	5 5	S 23
S 24	6 43	7 38	4 45	16 51	1 45	13 20	2 19	26 11	3 20	21 41	0 43	12 11	2 3	15 7	0 41	22 30	0 56	16 9	16 22	22 58	23 4	13 33	5 12	5 5	S 24
M25	6 20	2 7	5 2	16 29	1 50	13 47	2 24	26 9	3 19	21 42	0 43	12 13	2 3	15 6	0 41	22 30	0 56	16 9	16 22	22 59	23 5	13 35	5 11	5 5	M25
T 26	5 57	3s33	5 0	16 5	1 55	14 13	2 30	26 6	3 17	21 42	0 43	12 15	2 3	15 5	0 41	22 29	0 56	16 8	16 22	23 0	23 5	13 37	5 10	5 5	T 26
W27	5 34	9 1	4 38	15 40	1 59	14 39	2 35	26 4	3 15	21 43	0 43	12 16	2 3	15 4	0 41	22 29	0 56	16 7	16 22	23 1	23 5	13 40	5 8	5 5	W27
T 28	5s10	13s58	3n58	15s13	2s 3	15n 5	2n41	26n 1	3n13	21s44	0n43	12n18	2n 3	15s 3	0s41	22s29	0n56	16s 7	16s22	23n 1	23n 5	13n42	5s 7	5n 5	T 28

Julian Day Number = 2207236.5, Delta T = 09m37s
Ecliptic obliquity = 23°31'32, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°24'38, Lahiri = 14°31'38 Julian Calendar 1 Feb. 1331 == Greg. Calendar 9 Feb. 1331

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ASTRODIENST EPHEMERIS for the year 1331
geocentric

MARCH 1331 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	11 4 11	17♓56'10	4♐17	26♒21	4♉ 2	13♋58	13♐ 4	3°R 3	21♒33	5♑17	27♓ 8	11°R31	10♋42	19♉18	4♓42	F 1
S 2	11 8 8	18°55'47	18°22	27°53	5° 0	14° 9	13° 8	2♍59	21°36	5°18	27°10	11°D30	10°39	19°25	4°45	S 2
S 3	11 12 4	19°55'22	2♑15	29°27	5°58	14°20	13°12	2°54	21°39	5°18	27°11	11♋31	10°36	19°31	4°49	S 3
M 4	11 16 1	20°54'55	15°53	1♓ 2	6°56	14°32	13°16	2°50	21°42	5°19	27°13	11°R31	10°33	19°38	4°53	M 4
T 5	11 19 57	21°54'26	29°19	2°38	7°53	14°45	13°19	2°45	21°45	5°20	27°14	11°30	10°30	19°45	4°57	T 5
W 6	11 23 54	22°53'56	12♒34	4°16	8°50	14°58	13°23	2°41	21°48	5°21	27°16	11°26	10°26	19°51	5° 1	W 6
T 7	11 27 51	23°53'24	25°38	5°55	9°46	15°11	13°26	2°37	21°51	5°22	27°17	11°19	10°23	19°58	5° 4	T 7
F 8	11 31 47	24°52'49	8♓30	7°35	10°42	15°25	13°29	2°32	21°54	5°23	27°19	11°10	10°20	20° 5	5° 8	F 8
S 9	11 35 44	25°52'13	21°12	9°17	11°37	15°40	13°32	2°28	21°57	5°23	27°20	10°58	10°17	20°11	5°12	S 9
S 10	11 39 40	26°51'35	3♈42	11° 0	12°31	15°55	13°34	2°24	22° 0	5°24	27°22	10°45	10°14	20°18	5°15	S 10
M11	11 43 37	27°50'54	16° 1	12°44	13°25	16°10	13°37	2°20	22° 3	5°25	27°23	10°31	10°10	20°25	5°19	M11
T 12	11 47 33	28°50'12	28°10	14°29	14°18	16°26	13°39	2°16	22° 6	5°25	27°25	10°19	10° 7	20°31	5°23	T 12
W13	11 51 30	29°49'27	10♉ 9	16°16	15°11	16°42	13°41	2°12	22° 9	5°26	27°26	10° 8	10° 4	20°38	5°26	W13
T 14	11 55 26	0♈48'40	22° 1	18° 5	16° 2	16°59	13°43	2° 8	22°12	5°27	27°28	10° 0	10° 1	20°45	5°30	T 14
F 15	11 59 23	1°47'50	3♊50	19°54	16°53	17°16	13°44	2° 4	22°15	5°27	27°29	9°54	9°58	20°51	5°33	F 15
S 16	12 3 20	2°46'59	15°39	21°46	17°44	17°33	13°46	2° 0	22°18	5°28	27°31	9°51	9°55	20°58	5°37	S 16
S 17	12 7 16	3°46'05	27°35	23°38	18°33	17°51	13°47	1°57	22°21	5°28	27°32	9°50	9°51	21° 5	5°41	S 17
M18	12 11 13	4°45'09	9♋41	25°32	19°22	18°10	13°48	1°53	22°23	5°28	27°34	9°50	9°48	21°12	5°44	M18
T 19	12 15 9	5°44'10	22° 3	27°27	20°10	18°29	13°49	1°49	22°26	5°29	27°35	9°50	9°45	21°18	5°48	T 19
W20	12 19 6	6°43'09	4♌47	29°24	20°57	18°48	13°50	1°46	22°29	5°29	27°36	9°48	9°42	21°25	5°51	W20
T 21	12 23 2	7°42'06	17°57	1♈22	21°43	19° 7	13°50	1°43	22°32	5°30	27°38	9°45	9°39	21°32	5°55	T 21
F 22	12 26 59	8°41'00	1♍35	3°21	22°28	19°27	13°51	1°39	22°34	5°30	27°39	9°38	9°36	21°38	5°58	F 22
S 23	12 30 55	9°39'53	15°41	5°22	23°13	19°47	13°R51	1°36	22°37	5°30	27°41	9°29	9°32	21°45	6° 1	S 23
S 24	12 34 52	10°38'42	0♎12	7°24	23°56	20° 8	13°51	1°33	22°39	5°30	27°42	9°18	9°29	21°52	6° 5	S 24
M25	12 38 49	11°37'30	15° 2	9°27	24°38	20°29	13°51	1°30	22°42	5°31	27°44	9° 7	9°26	21°58	6° 8	M25
T 26	12 42 45	12°36'16	0♏ 2	11°31	25°19	20°50	13°50	1°27	22°45	5°31	27°45	8°56	9°23	22° 5	6°11	T 26
W27	12 46 42	13°35'00	15° 3	13°36	25°59	21°11	13°50	1°24	22°47	5°31	27°47	8°47	9°20	22°12	6°15	W27
T 28	12 50 38	14°33'42	29°55	15°42	26°38	21°33	13°49	1°21	22°50	5°31	27°48	8°40	9°16	22°18	6°18	T 28
F 29	12 54 35	15°32'23	14♐31	17°48	27°15	21°55	13°48	1°18	22°52	5°31	27°49	8°36	9°13	22°25	6°21	F 29
S 30	12 58 31	16°31'02	28°48	19°55	27°52	22°18	13°47	1°15	22°54	5°31	27°51	8°35	9°10	22°32	6°24	S 30
S 31	13 2 28	17♈29'39	12♑44	22♈ 2	28♉27	22♋40	13♐46	1♍13	22♒57	5°R31	27♓52	8♋35	9♋ 7	22♉38	6♓27	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	4s47	18s 3	3n 4	14s45	2s 6	15n31	2n46	25n58	3n12	21s44	0n43	12n20	2n 3	15s 2	0s41	22s29	0n56	16s 6	16s21	23n 1	23n 6	13n44	5s 5	5n 5
S 2	4 24	21 2	2 0	14 16	2 9	15 56	2 52	25 55	3 10	21 44	0 43	12 21	2 3	15 1	0 41	22 29	0 56	16 5	16 21	23 2	23 6	13 47	5 4	5 5
S 3	4 0	22 41	0 49	13 45	2 11	16 20	2 57	25 52	3 8	21 45	0 43	12 23	2 3	15 0	0 41	22 29	0 56	16 5	16 21	23 1	23 6	13 49	5 3	5 5
M 4	3 37	22 58	0s23	13 13	2 13	16 45	3 2	25 49	3 6	21 45	0 43	12 25	2 3	14 59	0 42	22 29	0 56	16 4	16 21	23 1	23 6	13 51	5 1	5 5
T 5	3 13	21 53	1 33	12 40	2 15	17 9	3 8	25 46	3 5	21 46	0 43	12 26	2 3	14 58	0 42	22 29	0 56	16 4	16 21	23 2	23 7	13 54	5 0	5 5
W 6	2 50	19 36	2 37	12 6	2 16	17 32	3 13	25 43	3 3	21 46	0 43	12 28	2 3	14 57	0 42	22 29	0 56	16 3	16 21	23 2	23 7	13 56	4 58	5 5
T 7	2 26	16 20	3 31	11 30	2 17	17 55	3 18	25 39	3 1	21 46	0 43	12 29	2 3	14 56	0 42	22 29	0 56	16 2	16 21	23 2	23 7	13 58	4 57	5 5
F 8	2 2	12 20	4 14	10 52	2 17	18 18	3 24	25 36	2 59	21 47	0 44	12 31	2 3	14 55	0 42	22 29	0 56	16 2	16 21	23 3	23 7	14 0	4 56	5 5
S 9	1 39	7 50	4 43	10 14	2 17	18 41	3 29	25 33	2 58	21 47	0 44	12 32	2 3	14 54	0 42	22 29	0 56	16 1	16 21	23 4	23 8	14 3	4 54	5 5
S 10	1 15	3 5	4 58	9 34	2 16	19 3	3 34	25 29	2 56	21 47	0 44	12 34	2 3	14 53	0 42	22 29	0 56	16 1	16 21	23 5	23 8	14 5	4 53	5 5
M11	0 52	1n43	4 59	8 53	2 15	19 24	3 39	25 26	2 54	21 48	0 44	12 35	2 3	14 52	0 42	22 29	0 56	16 0	16 21	23 6	23 8	14 7	4 51	5 5
T 12	0 28	6 24	4 46	8 10	2 13	19 45	3 44	25 22	2 53	21 48	0 44	12 37	2 3	14 51	0 42	22 29	0 56	15 59	16 21	23 7	23 8	14 10	4 50	5 5
W13	0 4	10 47	4 21	7 27	2 11	20 6	3 49	25 19	2 51	21 48	0 44	12 38	2 3	14 50	0 42	22 29	0 56	15 59	16 21	23 8	23 9	14 12	4 49	5 6
T 14	0n19	14 43	3 44	6 42	2 8	20 26	3 54	25 15	2 50	21 48	0 44	12 39	2 3	14 49	0 42	22 29	0 56	15 58	16 21	23 9	23 9	14 14	4 47	5 6
F 15	0 43	18 4	2 58	5 56	2 5	20 45	3 59	25 11	2 48	21 48	0 44	12 41	2 2	14 48	0 42	22 29	0 56	15 58	16 21	23 9	23 9	14 17	4 46	5 6
S 16	1 7	20 41	2 4	5 8	2 1	21 5	4 4	25 7	2 46	21 49	0 44	12 42	2 2	14 47	0 42	22 28	0 56	15 57	16 21	23 9	23 9	14 19	4 45	5 6
S 17	1 30	22 26	1 4	4 20	1 57	21 23	4 9	25 3	2 45	21 49	0 44	12 43	2 2	14 46	0 42	22 28	0 56	15 57	16 21	23 10	23 9	14 21	4 43	5 6
M18	1 54	23 9	0 1	3 30	1 52	21 41	4 13	24 59	2 43	21 49	0 44	12 45	2 2	14 45	0 42	22 28	0 56	15 56	16 21	23 10	23 10	14 23	4 42	5 6
T 19	2 17	22 46	1n 4	2 39	1 47	21 59	4 18	24 55	2 42	21 49	0 44	12 46	2 2	14 45	0 42	22 28	0 56	15 55	16 21	23 10	23 10	14 26	4 41	5 6
W20	2 41	21 12	2 8	1 47	1 41	22 16	4 22	24 51	2 40	21 49	0 44	12 47	2 2	14 44	0 42	22 28	0 56	15 55	16 22	23 10	23 10	14 28	4 39	5 6
T 21	3 4	18 28	3 7	0 54	1 35	22 33	4 27	24 46	2 39	21 49	0 44	12 48	2 2	14 43	0 42	22 28	0 56	15 54	16 22	23 10	23 10	14 30	4 38	5 6
F 22	3 27	14 38	3 57	0 1	1 28	22 49	4 31	24 42	2 37	21 49	0 44	12 49	2 2	14 42	0 42	22 28	0 56	15 54	16 22	23 10	23 11	14 33	4 36	5 6
S 23	3 51	9 53	4 35	0n54	1 21	23 5	4 35	24 38	2 36	21 49	0 44	12 51	2 2	14 41	0 42	22 28	0 56	15 53	16 22	23 11	23 11	14 35	4 35	5 6
S 24	4 14	4 27	4 57	1 50	1 13	23 20	4 40	24 33	2 34	21 49	0 44	12 52	2 2	14 40	0 42	22 28	0 56	15 53	16 22	23 12	23 11	14 37	4 34	5 7
M25	4 37	1s21	4 59	2 46	1 5	23 34	4 43	24 28	2 33	21 49	0 44	12 53	2 2	14 40	0 42	22 28	0 57	15 52	16 22	23 13	23 11	14 39	4 32	5 7
T 26	5 0	7 9	4 40	3 43	0 56	23 48	4 47	24 24	2 31	21 49	0 44	12 54	2 2	14 39	0 42	22 28	0 57	15 52	16 22	23 13	23 12	14 42	4 31	5 7
W27	5 23	12 32	4 3	4 40	0 47	24 2	4 51	24 19	2 30	21 49	0 44	12 55	2 2	14 38	0 42	22 28	0 57	15 51	16 22	23 14	23 12	14 44	4 30	5 7
T 28	5 46	17 7	3 9	5 37	0 37	24 15	4 55	24 14	2 28	21 49	0 44	12 56	2 2	14 37	0 42	22 28	0 57	15 51	16 22	23 14	23 12	14 46	4 29	5 7
F 29	6 8	20 35	2 4	6 35	0 27	24 27	4 58	24 9	2 27	21 49	0 44	12 56	2 1	14 36	0 42	22 28	0 57	15 50	16 22	23 15	23 12	14 49	4 27	5 7
S 30	6 31	22 40	0 51	7 33	0 17	24 38	5 1	24 4	2 26	21 48	0 44	12 57	2 1	14 36	0 42	22 28	0 57	15 50	16 22	23 15	23 12	14 51	4 26	5 7
S 31	6n53	23s17	0s22	8n31	0s 7	24n50	5n 4	23n59	2n24	21s48	0n44	12n58	2n 1	14s35	0s42	22s28	0n57	15s50	16s23	23n15	23n13	14n53	4s25	5n 7

Julian Day Number = 2207264.5, Delta T = 09m37s
Ecliptic obliquity = 23°31'33, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°24'42, Lahiri = 14°31'42 Julian Calendar 1 March 1331 == Greg. Calendar 9 March 1331

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ASTRODIENST EPHEMERIS for the year 1331
geocentric

APRIL 1331 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	13 6 24	18♈28'14	26♉19	24♈ 9	29♉ 0	23♋ 3	13°R44	1°R10	22♒59	5°R31	27♓54	8°R34	9♋ 4	22♉45	6♓30	M 1
T 2	13 10 21	19°26'48	9♒36	26°16	29°33	23°27	13♐43	1♏ 8	23° 1	5♉31	27°55	8♋33	9° 1	22°52	6°34	T 2
W 3	13 14 18	20°25'20	22°37	28°21	0♊ 4	23°50	13°41	1° 6	23° 4	5°31	27°57	8°30	8°57	22°59	6°37	W 3
T 4	13 18 14	21°23'50	5♓24	0♉26	0°33	24°14	13°39	1° 4	23° 6	5°31	27°58	8°23	8°54	23° 5	6°40	T 4
F 5	13 22 11	22°22'19	17°59	2°30	1° 1	24°38	13°36	1° 1	23° 8	5°31	27°59	8°14	8°51	23°12	6°43	F 5
S 6	13 26 7	23°20'46	0♈24	4°32	1°27	25° 3	13°34	0°59	23°10	5°31	28° 1	8° 3	8°48	23°19	6°46	S 6
S 7	13 30 4	24°19'11	12°39	6°32	1°51	25°27	13°31	0°57	23°12	5°30	28° 2	7°50	8°45	23°25	6°48	S 7
M 8	13 34 0	25°17'34	24°46	8°30	2°14	25°52	13°29	0°56	23°14	5°30	28° 3	7°37	8°41	23°32	6°51	M 8
T 9	13 37 57	26°15'55	6♉46	10°26	2°35	26°17	13°26	0°54	23°16	5°30	28° 5	7°24	8°38	23°39	6°54	T 9
W10	13 41 53	27°14'15	18°40	12°19	2°54	26°43	13°22	0°52	23°18	5°29	28° 6	7°14	8°35	23°45	6°57	W10
T 11	13 45 50	28°12'33	0♊29	14° 8	3°11	27° 8	13°19	0°51	23°20	5°29	28° 7	7° 5	8°32	23°52	7° 0	T 11
F 12	13 49 46	29°10'48	12°17	15°55	3°26	27°34	13°16	0°49	23°22	5°29	28° 9	7° 0	8°29	23°59	7° 2	F 12
S 13	13 53 43	0♉ 9'02	24° 7	17°38	3°40	28° 0	13°12	0°48	23°24	5°28	28°10	6°57	8°26	24° 5	7° 5	S 13
S 14	13 57 40	1° 7'14	6♋ 1	19°17	3°51	28°27	13° 8	0°47	23°26	5°28	28°11	6°D56	8°22	24°12	7° 8	S 14
M15	14 1 36	2° 5'24	18° 7	20°53	3°59	28°53	13° 4	0°46	23°27	5°27	28°12	6°57	8°19	24°19	7°10	M15
T 16	14 5 33	3° 3'31	0♌27	22°25	4° 6	29°20	13° 0	0°45	23°29	5°27	28°14	6°R57	8°16	24°25	7°13	T 16
W17	14 9 29	4° 1'37	13° 8	23°53	4°10	29°47	12°56	0°44	23°31	5°26	28°15	6°57	8°13	24°32	7°15	W17
T 18	14 13 26	4°59'41	26°14	25°16	4°R12	0♌14	12°51	0°43	23°32	5°26	28°16	6°55	8°10	24°39	7°18	T 18
F 19	14 17 22	5°57'43	9♍48	26°36	4°12	0°41	12°47	0°42	23°34	5°25	28°17	6°51	8° 7	24°45	7°20	F 19
S 20	14 21 19	6°55'42	23°52	27°52	4° 9	1° 9	12°42	0°42	23°35	5°25	28°19	6°44	8° 3	24°52	7°23	S 20
S 21	14 25 15	7°53'40	8♎24	29° 3	4° 4	1°37	12°37	0°41	23°37	5°24	28°20	6°36	8° 0	24°59	7°25	S 21
M22	14 29 12	8°51'36	23°20	0♊10	3°56	2° 4	12°32	0°41	23°38	5°23	28°21	6°27	7°57	25° 6	7°27	M22
T 23	14 33 9	9°49'31	8♏30	1°13	3°46	2°33	12°26	0°40	23°40	5°22	28°22	6°19	7°54	25°12	7°29	T 23
W24	14 37 5	10°47'24	23°45	2°11	3°34	3° 1	12°21	0°40	23°41	5°22	28°23	6°12	7°51	25°19	7°32	W24
T 25	14 41 2	11°45'15	8♐54	3° 5	3°19	3°29	12°16	0°D40	23°42	5°21	28°25	6° 7	7°47	25°26	7°34	T 25
F 26	14 44 58	12°43'06	23°48	3°54	3° 1	3°58	12°10	0°40	23°44	5°20	28°26	6° 5	7°44	25°32	7°36	F 26
S 27	14 48 55	13°40'55	8♑20	4°38	2°42	4°27	12° 4	0°40	23°45	5°19	28°27	6°D 4	7°41	25°39	7°38	S 27
S 28	14 52 51	14°38'42	22°28	5°18	2°20	4°56	11°58	0°41	23°46	5°19	28°28	6° 5	7°38	25°46	7°40	S 28
M29	14 56 48	15°36'29	6♒10	5°53	1°55	5°25	11°52	0°41	23°47	5°18	28°29	6° 6	7°35	25°52	7°42	M29
T 30	15 0 44	16♉34'14	19♒29	6♊23	1♊29	5♌54	11♐46	0♏41	23♒48	5♑17	28♓30	6°R 6	7♋32	25♉59	7♓44	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	7n16	22s29	1s32	9n28	0n 4	25n 0	5n 7	23n54	2n23	21s48	0n44	12n59	2n 1	14s34	0s42	22s28	0n57	15s49	16s23	23n15	23n13	14n55	4s23	5n 8
T 2	7 38	20 25	2 36	10 24	0 15	25 10	5 10	23 48	2 21	21 48	0 44	13 0	2 1	14 33	0 42	22 28	0 57	15 49	16 23	23 15	23 13	14 58	4 22	5 8
W 3	8 0	17 20	3 31	11 20	0 26	25 19	5 12	23 43	2 20	21 48	0 44	13 0	2 1	14 33	0 42	22 28	0 57	15 48	16 23	23 15	23 13	15 0	4 21	5 8
T 4	8 22	13 29	4 13	12 15	0 37	25 28	5 15	23 37	2 19	21 47	0 44	13 1	2 1	14 32	0 42	22 28	0 57	15 48	16 23	23 16	23 14	15 2	4 20	5 8
F 5	8 44	9 6	4 43	13 8	0 48	25 36	5 17	23 32	2 17	21 47	0 44	13 2	2 1	14 31	0 42	22 28	0 57	15 47	16 23	23 16	23 14	15 4	4 18	5 8
S 6	9 6	4 24	4 58	14 0	0 59	25 43	5 18	23 26	2 16	21 47	0 44	13 2	2 1	14 31	0 42	22 28	0 57	15 47	16 23	23 17	23 14	15 7	4 17	5 8
S 7	9 28	0n25	5 0	14 50	1 9	25 49	5 20	23 20	2 15	21 46	0 44	13 3	2 1	14 30	0 42	22 28	0 57	15 47	16 24	23 18	23 14	15 9	4 16	5 9
M 8	9 49	5 10	4 48	15 38	1 19	25 55	5 21	23 14	2 13	21 46	0 44	13 4	2 0	14 29	0 42	22 28	0 57	15 46	16 24	23 18	23 14	15 11	4 15	5 9
T 9	10 10	9 41	4 23	16 25	1 29	26 1	5 22	23 8	2 12	21 46	0 44	13 4	2 0	14 29	0 42	22 28	0 57	15 46	16 24	23 19	23 15	15 13	4 14	5 9
W10	10 32	13 48	3 47	17 9	1 38	26 5	5 23	23 2	2 11	21 45	0 44	13 5	2 0	14 28	0 43	22 28	0 57	15 46	16 24	23 20	23 15	15 16	4 12	5 9
T 11	10 53	17 23	3 1	17 51	1 47	26 9	5 23	22 55	2 10	21 45	0 44	13 5	2 0	14 28	0 43	22 28	0 57	15 45	16 24	23 20	23 15	15 18	4 11	5 9
F 12	11 13	20 15	2 7	18 30	1 55	26 12	5 23	22 49	2 8	21 45	0 44	13 5	2 0	14 27	0 43	22 28	0 57	15 45	16 24	23 20	23 15	15 20	4 10	5 9
S 13	11 34	22 16	1 8	19 7	2 3	26 14	5 23	22 43	2 7	21 44	0 44	13 6	2 0	14 26	0 43	22 28	0 57	15 44	16 25	23 21	23 15	15 22	4 9	5 10
S 14	11 54	23 18	0 5	19 42	2 10	26 16	5 22	22 36	2 6	21 44	0 44	13 6	2 0	14 26	0 43	22 28	0 57	15 44	16 25	23 21	23 16	15 25	4 8	5 10
M15	12 15	23 17	0n59	20 14	2 16	26 16	5 21	22 29	2 5	21 43	0 44	13 6	2 0	14 25	0 43	22 28	0 57	15 44	16 25	23 21	23 16	15 27	4 7	5 10
T 16	12 35	22 7	2 2	20 43	2 22	26 16	5 19	22 22	2 3	21 43	0 44	13 7	1 59	14 25	0 43	22 28	0 57	15 43	16 25	23 21	23 16	15 29	4 6	5 10
W17	12 54	19 49	3 1	21 10	2 26	26 15	5 17	22 16	2 2	21 42	0 44	13 7	1 59	14 24	0 43	22 28	0 57	15 43	16 25	23 21	23 16	15 31	4 4	5 10
T 18	13 14	16 27	3 52	21 34	2 30	26 13	5 15	22 9	2 1	21 42	0 44	13 7	1 59	14 24	0 43	22 28	0 57	15 43	16 26	23 21	23 16	15 33	4 3	5 11
F 19	13 33	12 7	4 32	21 56	2 33	26 10	5 12	22 1	2 0	21 41	0 44	13 7	1 59	14 23	0 43	22 28	0 57	15 43	16 26	23 21	23 17	15 36	4 2	5 11
S 20	13 53	6 59	4 57	22 16	2 35	26 6	5 9	21 54	1 59	21 40	0 44	13 7	1 59	14 23	0 43	22 28	0 57	15 42	16 26	23 21	23 17	15 38	4 1	5 11
S 21	14 12	1 19	5 5	22 33	2 36	26 2	5 5	21 47	1 57	21 40	0 44	13 7	1 59	14 22	0 43	22 28	0 57	15 42	16 26	23 22	23 17	15 40	4 0	5 11
M22	14 30	4s34	4 52	22 48	2 36	25 56	5 1	21 39	1 56	21 39	0 44	13 7	1 59	14 22	0 43	22 28	0 57	15 42	16 27	23 22	23 17	15 42	3 59	5 11
T 23	14 49	10 18	4 19	23 0	2 35	25 49	4 56	21 32	1 55	21 39	0 44	13 7	1 59	14 21	0 43	22 28	0 57	15 42	16 27	23 22	23 17	15 44	3 58	5 12
W24	15 7	15 26	3 27	23 10	2 33	25 41	4 50	21 24	1 54	21 38	0 44	13 7	1 58	14 21	0 43	22 28	0 57	15 41	16 27	23 23	23 18	15 47	3 57	5 12
T 25	15 25	19 33	2 20	23 18	2 30	25 32	4 44	21 16	1 53	21 37	0 44	13 7	1 58	14 21	0 43	22 28	0 57	15 41	16 27	23 23	23 18	15 49	3 56	5 12
F 26	15 43	22 17	1 5	23 24	2 26	25 22	4 37	21 8	1 52	21 36	0 44	13 7	1 58	14 20	0 43	22 28	0 57	15 41	16 28	23 23	23 18	15 51	3 55	5 12
S 27	16 0	23 28	0s12	23 27	2 21	25 11	4 30	21 0	1 51	21 36	0 44	13 7	1 58	14 20	0 43	22 28	0 57	15 41	16 28	23 23	23 18	15 53	3 54	5 12
S 28	16 17	23 5	1 27	23 29	2 15	24 59	4 22	20 52	1 49	21 35	0 44	13 6	1 58	14 20	0 43	22 28	0 57	15 40	16 28	23 23	23 18	15 56	3 53	5 13
M29	16 34	21 18	2 35	23 28	2 8	24 46	4 14	20 44	1 48	21 34	0 44	13 6	1 58	14 19	0 43	22 28	0 57	15 40	16 28	23 23	23 18	15 58	3 52	5 13
T 30	16n51	18s23	3s32	23n26	2n 0	24n32	4n 5	20n36	1n47	21s34	0n44	13n 6	1n58	14s19	0s43	22s28	0n57	15s40	16s29	23n23	23n19	16n 0	3s51	5n13

Julian Day Number = 2207295.5, Delta T = 09m37s
Ecliptic obliquity = 23°31'33, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°24'46, Lahiri = 14°31'46 Julian Calendar 1 Apr. 1331 == Greg. Calendar 9 Apr. 1331

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ASTRODIENST EPHEMERIS for the year 1331
geocentric

MAY 1331 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	15 4 41	17♉31'58	2♓26	6♊48	1°R 1	6♌23	11°R40	0♍42	23♒49	5°R16	28♓31	6°R 5	7♋28	26♉ 6	7♓46	W 1
T 2	15 8 38	18°29'41	15° 6	7° 9	0♊31	6°53	11♐33	0°42	23°50	5♑15	28°32	6♋ 2	7°25	26°12	7°47	T 2
F 3	15 12 34	19°27'23	27°31	7°24	29♉59	7°23	11°27	0°43	23°51	5°14	28°33	5°57	7°22	26°19	7°49	F 3
S 4	15 16 31	20°25'04	9♈44	7°35	29°26	7°53	11°20	0°44	23°52	5°13	28°34	5°50	7°19	26°26	7°51	S 4
S 5	15 20 27	21°22'44	21°48	7°41	28°52	8°23	11°14	0°45	23°53	5°12	28°35	5°42	7°16	26°32	7°52	S 5
M 6	15 24 24	22°20'22	3♉46	7°R42	28°16	8°53	11° 7	0°46	23°54	5°11	28°36	5°34	7°13	26°39	7°54	M 6
T 7	15 28 20	23°17'59	15°39	7°39	27°40	9°23	11° 0	0°47	23°54	5°10	28°37	5°26	7° 9	26°46	7°56	T 7
W 8	15 32 17	24°15'35	27°29	7°31	27° 3	9°54	10°53	0°49	23°55	5° 9	28°38	5°19	7° 6	26°52	7°57	W 8
T 9	15 36 13	25°13'10	9♊17	7°19	26°25	10°24	10°46	0°50	23°56	5° 7	28°39	5°15	7° 3	26°59	7°59	T 9
F 10	15 40 10	26°10'44	21° 7	7° 3	25°48	10°55	10°39	0°51	23°56	5° 6	28°40	5°12	7° 0	27° 6	8° 0	F 10
S 11	15 44 7	27° 8'17	2♋59	6°43	25°10	11°26	10°32	0°53	23°57	5° 5	28°41	5°D11	6°57	27°12	8° 1	S 11
S 12	15 48 3	28° 5'48	14°58	6°20	24°33	11°57	10°24	0°55	23°57	5° 4	28°42	5°11	6°53	27°19	8° 3	S 12
M13	15 52 0	29° 3'18	27° 7	5°54	23°56	12°28	10°17	0°56	23°58	5° 3	28°42	5°12	6°50	27°26	8° 4	M13
T 14	15 55 56	0♊ 0'47	9♌30	5°25	23°20	12°59	10°10	0°58	23°58	5° 2	28°43	5°14	6°47	27°32	8° 5	T 14
W15	15 59 53	0°58'14	22°11	4°54	22°45	13°31	10° 2	1° 0	23°59	5° 0	28°44	5°15	6°44	27°39	8° 6	W15
T 16	16 3 49	1°55'40	5♍14	4°22	22°11	14° 2	9°55	1° 2	23°59	4°59	28°45	5°R15	6°41	27°46	8° 7	T 16
F 17	16 7 46	2°53'05	18°42	3°48	21°39	14°34	9°47	1° 4	23°59	4°58	28°46	5°14	6°38	27°52	8° 8	F 17
S 18	16 11 42	3°50'28	2♎38	3°15	21° 8	15° 6	9°40	1° 7	23°59	4°56	28°46	5°12	6°34	27°59	8° 9	S 18
S 19	16 15 39	4°47'50	17° 1	2°41	20°39	15°38	9°32	1° 9	23°59	4°55	28°47	5° 9	6°31	28° 6	8°10	S 19
M20	16 19 36	5°45'12	1♏47	2° 9	20°11	16°10	9°25	1°12	24° 0	4°54	28°48	5° 5	6°28	28°13	8°11	M20
T 21	16 23 32	6°42'32	16°51	1°38	19°46	16°42	9°17	1°14	24° 0	4°52	28°48	5° 1	6°25	28°19	8°12	T 21
W22	16 27 29	7°39'51	2♐ 4	1° 8	19°23	17°14	9° 9	1°17	24°R 0	4°51	28°49	4°58	6°22	28°26	8°12	W22
T 23	16 31 25	8°37'10	17°17	0°41	19° 2	17°46	9° 2	1°19	24° 0	4°50	28°50	4°55	6°19	28°33	8°13	T 23
F 24	16 35 22	9°34'27	2♑18	0°17	18°43	18°19	8°54	1°22	24° 0	4°48	28°50	4°D55	6°15	28°39	8°14	F 24
S 25	16 39 18	10°31'45	17° 1	29♉56	18°27	18°52	8°46	1°25	23°59	4°47	28°51	4°55	6°12	28°46	8°14	S 25
S 26	16 43 15	11°29'01	1♒20	29°38	18°13	19°24	8°39	1°28	23°59	4°45	28°52	4°56	6° 9	28°53	8°15	S 26
M27	16 47 11	12°26'18	15°12	29°25	18° 2	19°57	8°31	1°31	23°59	4°44	28°52	4°58	6° 6	28°59	8°15	M27
T 28	16 51 8	13°23'33	28°38	29°15	17°53	20°30	8°23	1°35	23°59	4°42	28°53	4°59	6° 3	29° 6	8°16	T 28
W29	16 55 5	14°20'49	11♓39	29°10	17°46	21° 3	8°16	1°38	23°58	4°41	28°53	4°R59	5°59	29°13	8°16	W29
T 30	16 59 1	15°18'04	24°19	29°D 9	17°42	21°36	8° 8	1°41	23°58	4°39	28°54	4°59	5°56	29°19	8°16	T 30
F 31	17 2 58	16♊15'19	6♈41	29♉13	17°D40	22♌ 9	8♐ 1	1♍45	23♒58	4♑38	28♓54	4♋58	5♋53	29♉26	8♓17	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	17n 7	14s38	4s17	23n21	1n51	24n16	3n55	20n27	1n46	21s33	0n44	13n 6	1n57	14s19	0s43	22s28	0n57	15s40	16s29	23n23	23n19	16n 2	3s51	5n13
T 2	17 24	10 19	4 48	23 15	1 41	24 0	3 45	20 19	1 45	21 32	0 44	13 5	1 57	14 18	0 43	22 28	0 57	15 40	16 29	23 23	23 19	16 4	3 50	5 14
F 3	17 39	5 39	5 5	23 6	1 30	23 43	3 34	20 10	1 44	21 31	0 43	13 5	1 57	14 18	0 43	22 28	0 57	15 40	16 29	23 24	23 19	16 6	3 49	5 14
S 4	17 55	0 50	5 7	22 56	1 18	23 24	3 23	20 1	1 43	21 30	0 43	13 4	1 57	14 18	0 43	22 28	0 57	15 39	16 30	23 24	23 19	16 9	3 48	5 14
S 5	18 10	3n57	4 56	22 45	1 5	23 5	3 11	19 52	1 42	21 29	0 43	13 4	1 57	14 18	0 43	22 28	0 57	15 39	16 30	23 24	23 20	16 11	3 47	5 14
M 6	18 25	8 33	4 32	22 31	0 52	22 45	2 59	19 43	1 41	21 29	0 43	13 3	1 57	14 17	0 43	22 28	0 57	15 39	16 30	23 25	23 20	16 13	3 46	5 14
T 7	18 40	12 49	3 56	22 16	0 37	22 25	2 47	19 34	1 40	21 28	0 43	13 3	1 57	14 17	0 44	22 28	0 57	15 39	16 31	23 25	23 20	16 15	3 45	5 15
W 8	18 54	16 35	3 10	22 0	0 22	22 3	2 34	19 25	1 39	21 27	0 43	13 2	1 56	14 17	0 44	22 28	0 57	15 39	16 31	23 25	23 20	16 17	3 45	5 15
T 9	19 8	19 41	2 16	21 42	0 6	21 42	2 20	19 16	1 38	21 26	0 43	13 2	1 56	14 17	0 44	22 28	0 57	15 39	16 31	23 25	23 20	16 20	3 44	5 15
F 10	19 22	21 58	1 16	21 23	0s11	21 19	2 7	19 6	1 37	21 25	0 43	13 1	1 56	14 17	0 44	22 28	0 57	15 39	16 31	23 25	23 20	16 22	3 43	5 15
S 11	19 35	23 18	0 12	21 3	0 28	20 57	1 53	18 57	1 36	21 24	0 43	13 0	1 56	14 16	0 44	22 28	0 57	15 39	16 32	23 25	23 21	16 24	3 42	5 16
S 12	19 48	23 34	0n53	20 42	0 45	20 34	1 39	18 47	1 35	21 23	0 43	13 0	1 56	14 16	0 44	22 28	0 57	15 39	16 32	23 25	23 21	16 26	3 42	5 16
M13	20 1	22 43	1 57	20 21	1 2	20 11	1 25	18 37	1 34	21 22	0 43	12 59	1 56	14 16	0 44	22 28	0 57	15 39	16 32	23 25	23 21	16 28	3 41	5 16
T 14	20 14	20 46	2 56	19 59	1 20	19 48	1 10	18 27	1 33	21 21	0 43	12 58	1 55	14 16	0 44	22 28	0 57	15 39	16 33	23 25	23 21	16 30	3 40	5 16
W15	20 26	17 46	3 49	19 36	1 37	19 26	0 56	18 17	1 32	21 20	0 43	12 57	1 55	14 16	0 44	22 28	0 57	15 39	16 33	23 25	23 21	16 33	3 40	5 17
T 16	20 37	13 49	4 31	19 14	1 54	19 3	0 42	18 7	1 31	21 19	0 42	12 56	1 55	14 16	0 44	22 29	0 57	15 39	16 33	23 25	23 21	16 35	3 39	5 17
F 17	20 49	9 5	5 0	18 51	2 10	18 41	0 28	17 57	1 30	21 18	0 42	12 55	1 55	14 16	0 44	22 29	0 57	15 39	16 34	23 25	23 22	16 37	3 39	5 17
S 18	21 0	3 44	5 13	18 29	2 26	18 20	0 14	17 47	1 29	21 17	0 42	12 54	1 55	14 16	0 44	22 29	0 57	15 39	16 34	23 25	23 22	16 39	3 38	5 17
S 19	21 10	1s59	5 6	18 8	2 41	17 59	0 0	17 36	1 28	21 16	0 42	12 53	1 55	14 16	0 44	22 29	0 57	15 39	16 34	23 26	23 22	16 41	3 37	5 18
M20	21 21	7 46	4 40	17 48	2 56	17 39	0s13	17 26	1 27	21 15	0 42	12 52	1 55	14 16	0 44	22 29	0 57	15 39	16 35	23 26	23 22	16 43	3 37	5 18
T 21	21 30	13 12	3 54	17 29	3 9	17 19	0 26	17 15	1 26	21 14	0 42	12 51	1 55	14 16	0 44	22 29	0 57	15 39	16 35	23 26	23 22	16 45	3 36	5 18
W22	21 40	17 52	2 51	17 11	3 21	17 1	0 39	17 4	1 25	21 13	0 42	12 50	1 54	14 16	0 44	22 29	0 57	15 39	16 35	23 26	23 22	16 48	3 36	5 19
T 23	21 49	21 20	1 35	16 55	3 32	16 43	0 52	16 53	1 24	21 12	0 42	12 49	1 54	14 16	0 44	22 29	0 57	15 39	16 36	23 26	23 22	16 50	3 35	5 19
F 24	21 58	23 16	0 14	16 40	3 42	16 26	1 4	16 42	1 23	21 11	0 42	12 48	1 54	14 16	0 44	22 29	0 57	15 39	16 36	23 26	23 23	16 52	3 35	5 19
S 25	22 6	23 32	1s 6	16 27	3 50	16 10	1 15	16 31	1 22	21 10	0 41	12 47	1 54	14 16	0 44	22 29	0 57	15 39	16 36	23 26	23 23	16 54	3 34	5 19
S 26	22 14	22 13	2 20	16 17	3 58	15 56	1 27	16 20	1 21	21 9	0 41	12 46	1 54	14 16	0 44	22 29	0 57	15 39	16 37	23 26	23 23	16 56	3 34	5 20
M27	22 22	19 35	3 24	16 8	4 3	15 42	1 38	16 9	1 20	21 8	0 41	12 44	1 54	14 16	0 44	22 29	0 57	15 39	16 37	23 26	23 23	16 58	3 33	5 20
T 28	22 29	15 58	4 14	16 2	4 8	15 30	1 48	15 58	1 19	21 7	0 41	12 43	1 54	14 16	0 44	22 29	0 57	15 39	16 37	23 26	23 23	17 0	3 33	5 20
W29	22 36	11 41	4 50	15 57	4 11	15 18	1 58	15 46	1 18	21 6	0 41	12 42	1 53	14 17	0 44	22 29	0 57	15 39	16 38	23 26	23 23	17 2	3 33	5 20
T 30	22 43	7 0	5 10	15 55	4 13	15 8	2 8	15 35	1 17	21 4	0 41	12 41	1 53	14 17	0 44	22 29	0 57	15 39	16 38	23 26	23 24	17 5	3 32	5 21
F 31	22n49	2s10	5s15	15n55	4s14	14n58	2s17	15n23	1n16	21s 3	0n41	12n39	1n53	14s17	0s44	22s29	0n57	15s40	16s39	23n26	23n24	17n 7	3s32	5n21

Julian Day Number = 2207325.5, Delta T = 09m37s
Ecliptic obliquity = 23°31'33, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°24'50, Lahiri = 14°31'51 Julian Calendar 1 May 1331 == Greg. Calendar 9 May 1331

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ASTRODIENST EPHEMERIS for the year 1331
geocentric

JUNE 1331 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	17 6 54	17♊12'33	18♈50	29♉21	17♉41	22♌43	7°R53	1♍48	23°R57	4°R36	28♓55	4°R56	5♋50	29♉33	8♓17	S 1
S 2	17 10 51	18° 9'47	0♉49	29°34	17°44	23°16	7♐46	1°52	23♒57	4♑35	28°55	4♋54	5°47	29°39	8°17	S 2
M 3	17 14 47	19° 7'01	12°41	29°52	17°49	23°49	7°38	1°56	23°56	4°33	28°56	4°51	5°44	29°46	8°17	M 3
T 4	17 18 44	20° 4'15	24°31	0♊14	17°56	24°23	7°31	1°59	23°55	4°32	28°56	4°49	5°40	29°53	8°R17	T 4
W 5	17 22 40	21° 1'29	6♊19	0°41	18° 5	24°57	7°24	2° 3	23°55	4°30	28°56	4°47	5°37	29°59	8°17	W 5
T 6	17 26 37	21°58'42	18°10	1°13	18°17	25°31	7°17	2° 7	23°54	4°29	28°57	4°46	5°34	0♊ 6	8°17	T 6
F 7	17 30 34	22°55'55	0♋ 4	1°49	18°30	26° 5	7° 9	2°11	23°53	4°27	28°57	4°D45	5°31	0°13	8°17	F 7
S 8	17 34 30	23°53'08	12° 5	2°29	18°46	26°39	7° 2	2°16	23°52	4°25	28°57	4°46	5°28	0°19	8°17	S 8
S 9	17 38 27	24°50'20	24°14	3°14	19° 3	27°13	6°55	2°20	23°52	4°24	28°58	4°46	5°25	0°26	8°16	S 9
M10	17 42 23	25°47'32	6♌34	4° 3	19°23	27°47	6°48	2°24	23°51	4°22	28°58	4°47	5°21	0°33	8°16	M10
T 11	17 46 20	26°44'44	19° 6	4°56	19°44	28°21	6°42	2°28	23°50	4°21	28°58	4°48	5°18	0°39	8°16	T 11
W12	17 50 16	27°41'55	1♍54	5°54	20° 6	28°55	6°35	2°33	23°49	4°19	28°58	4°48	5°15	0°46	8°15	W12
T 13	17 54 13	28°39'06	15° 1	6°56	20°31	29°30	6°28	2°37	23°48	4°17	28°59	4°49	5°12	0°53	8°15	T 13
F 14	17 58 10	29°36'16	28°27	8° 1	20°57	0♍ 5	6°22	2°42	23°47	4°16	28°59	4°R49	5° 9	0°59	8°14	F 14
S 15	18 2 6	0♋33'26	12♎15	9°11	21°24	0°39	6°15	2°47	23°46	4°14	28°59	4°49	5° 5	1° 6	8°14	S 15
S 16	18 6 3	1°30'36	26°25	10°25	21°54	1°14	6° 9	2°52	23°45	4°13	28°59	4°49	5° 2	1°13	8°13	S 16
M17	18 9 59	2°27'45	10♏56	11°43	22°24	1°49	6° 3	2°56	23°43	4°11	28°59	4°48	4°59	1°19	8°12	M17
T 18	18 13 56	3°24'55	25°42	13° 4	22°56	2°24	5°57	3° 1	23°42	4° 9	28°59	4°48	4°56	1°26	8°11	T 18
W19	18 17 52	4°22'04	10♐39	14°30	23°29	2°59	5°51	3° 6	23°41	4° 8	28°59	4°D48	4°53	1°33	8°11	W19
T 20	18 21 49	5°19'13	25°39	15°59	24° 4	3°34	5°45	3°11	23°40	4° 6	28°59	4°48	4°50	1°39	8°10	T 20
F 21	18 25 45	6°16'22	10♑33	17°32	24°40	4° 9	5°39	3°16	23°38	4° 5	28°59	4°R48	4°46	1°46	8° 9	F 21
S 22	18 29 42	7°13'32	25°15	19° 9	25°17	4°44	5°34	3°22	23°37	4° 3	28°R59	4°48	4°43	1°53	8° 8	S 22
S 23	18 33 39	8°10'42	9♒36	20°49	25°55	5°19	5°28	3°27	23°35	4° 1	28°59	4°48	4°40	1°59	8° 7	S 23
M24	18 37 35	9° 7'52	23°34	22°32	26°34	5°55	5°23	3°32	23°34	4° 0	28°59	4°47	4°37	2° 6	8° 6	M24
T 25	18 41 32	10° 5'02	7♓ 6	24°19	27°14	6°30	5°18	3°38	23°32	3°58	28°59	4°47	4°34	2°13	8° 5	T 25
W26	18 45 28	11° 2'13	20°13	26° 9	27°56	7° 6	5°13	3°43	23°31	3°56	28°59	4°46	4°31	2°19	8° 3	W26
T 27	18 49 25	11°59'25	2♈56	28° 2	28°38	7°41	5° 8	3°49	23°29	3°55	28°59	4°46	4°27	2°26	8° 2	T 27
F 28	18 53 21	12°56'37	15°20	29°57	29°22	8°17	5° 3	3°54	23°28	3°53	28°59	4°D46	4°24	2°33	8° 1	F 28
S 29	18 57 18	13°53'50	27°29	1♋55	0♊ 6	8°53	4°59	4° 0	23°26	3°52	28°59	4°46	4°21	2°39	8° 0	S 29
S 30	19 1 14	14♋51'03	9♉26	3♋56	0♊51	9♍29	4♐54	4♍ 5	23♒24	3♑50	28♓59	4♋47	4♋18	2♊46	7♓58	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n54	2n41	5s 6	15n57	4s14	14n50	2s26	15n11	1n16	21s 2	0n40	12n38	1n53	14s17	0s45	22s29	0n57	15s40	16s39	23n26	23n24	17n 9	3s32	5n21
S 2	23 0	7 22	4 44	16 2	4 12	14 43	2 34	14 59	1 15	21 1	0 40	12 36	1 53	14 17	0 45	22 29	0 57	15 40	16 39	23 26	23 24	17 11	3 31	5 21
M 3	23 5	11 44	4 10	16 8	4 10	14 37	2 42	14 47	1 14	21 0	0 40	12 35	1 53	14 18	0 45	22 29	0 57	15 40	16 40	23 26	23 24	17 13	3 31	5 22
T 4	23 9	15 39	3 25	16 16	4 6	14 32	2 49	14 35	1 13	20 59	0 40	12 33	1 53	14 18	0 45	22 29	0 57	15 40	16 40	23 26	23 24	17 15	3 31	5 22
W 5	23 13	18 58	2 31	16 26	4 1	14 28	2 56	14 23	1 12	20 58	0 40	12 32	1 53	14 18	0 45	22 29	0 57	15 40	16 40	23 26	23 24	17 17	3 31	5 22
T 6	23 17	21 29	1 31	16 37	3 56	14 25	3 2	14 11	1 11	20 57	0 40	12 30	1 52	14 18	0 45	22 30	0 57	15 41	16 41	23 26	23 24	17 19	3 30	5 22
F 7	23 20	23 6	0 26	16 51	3 50	14 22	3 9	13 58	1 10	20 56	0 39	12 29	1 52	14 19	0 45	22 30	0 57	15 41	16 41	23 26	23 25	17 21	3 30	5 23
S 8	23 23	23 39	0n41	17 6	3 43	14 21	3 14	13 46	1 9	20 55	0 39	12 27	1 52	14 19	0 45	22 30	0 57	15 41	16 41	23 26	23 25	17 23	3 30	5 23
S 9	23 25	23 5	1 46	17 22	3 35	14 21	3 20	13 33	1 8	20 54	0 39	12 25	1 52	14 19	0 45	22 30	0 57	15 41	16 42	23 26	23 25	17 26	3 30	5 23
M10	23 28	21 24	2 47	17 39	3 26	14 21	3 25	13 21	1 8	20 53	0 39	12 24	1 52	14 20	0 45	22 30	0 57	15 41	16 42	23 26	23 25	17 28	3 30	5 23
T 11	23 29	18 40	3 42	17 58	3 17	14 22	3 29	13 8	1 7	20 52	0 39	12 22	1 52	14 20	0 45	22 30	0 57	15 42	16 43	23 26	23 25	17 30	3 30	5 24
W12	23 30	14 59	4 27	18 17	3 7	14 24	3 34	12 55	1 6	20 51	0 39	12 20	1 52	14 20	0 45	22 30	0 57	15 42	16 43	23 26	23 25	17 32	3 30	5 24
T 13	23 31	10 31	4 59	18 38	2 57	14 27	3 38	12 42	1 5	20 50	0 38	12 19	1 52	14 21	0 45	22 30	0 57	15 42	16 43	23 26	23 25	17 34	3 30	5 24
F 14	23 32	5 26	5 16	18 59	2 46	14 30	3 41	12 29	1 4	20 49	0 38	12 17	1 51	14 21	0 45	22 30	0 57	15 42	16 44	23 26	23 26	17 36	3 30	5 24
S 15	23 31	0s 2	5 15	19 21	2 35	14 34	3 45	12 16	1 3	20 48	0 38	12 15	1 51	14 21	0 45	22 30	0 57	15 43	16 44	23 26	23 26	17 38	3 30	5 25
S 16	23 31	5 39	4 55	19 43	2 24	14 38	3 48	12 3	1 2	20 47	0 38	12 13	1 51	14 22	0 45	22 30	0 57	15 43	16 44	23 26	23 26	17 40	3 30	5 25
M17	23 30	11 5	4 17	20 6	2 12	14 43	3 50	11 50	1 2	20 47	0 38	12 11	1 51	14 22	0 45	22 30	0 57	15 43	16 45	23 26	23 26	17 42	3 30	5 25
T 18	23 29	16 0	3 21	20 28	2 0	14 49	3 53	11 36	1 1	20 46	0 38	12 9	1 51	14 23	0 45	22 30	0 57	15 44	16 45	23 26	23 26	17 44	3 30	5 25
W19	23 27	19 59	2 10	20 51	1 47	14 55	3 55	11 23	1 0	20 45	0 37	12 8	1 51	14 23	0 45	22 30	0 57	15 44	16 46	23 26	23 26	17 46	3 30	5 26
T 20	23 25	22 37	0 51	21 13	1 35	15 2	3 57	11 9	0 59	20 44	0 37	12 6	1 51	14 24	0 45	22 30	0 57	15 44	16 46	23 26	23 26	17 48	3 30	5 26
F 21	23 23	23 38	0s32	21 35	1 22	15 9	3 59	10 56	0 58	20 43	0 37	12 4	1 51	14 24	0 45	22 30	0 57	15 45	16 46	23 26	23 26	17 50	3 30	5 26
S 22	23 20	22 59	1 51	21 56	1 9	15 16	4 0	10 42	0 57	20 42	0 37	12 2	1 51	14 25	0 45	22 30	0 57	15 45	16 47	23 26	23 26	17 52	3 30	5 26
S 23	23 16	20 49	3 2	22 16	0 57	15 24	4 1	10 28	0 57	20 42	0 37	12 0	1 51	14 25	0 45	22 31	0 57	15 45	16 47	23 26	23 27	17 54	3 30	5 27
M24	23 13	17 28	3 59	22 35	0 44	15 32	4 2	10 14	0 56	20 41	0 36	11 58	1 50	14 26	0 45	22 31	0 57	15 46	16 47	23 26	23 27	17 56	3 31	5 27
T 25	23 8	13 17	4 41	22 53	0 31	15 41	4 3	10 0	0 55	20 40	0 36	11 56	1 50	14 26	0 45	22 31	0 57	15 46	16 48	23 26	23 27	17 58	3 31	5 27
W26	23 4	8 35	5 7	23 9	0 19	15 49	4 3	9 46	0 54	20 39	0 36	11 54	1 50	14 27	0 45	22 31	0 57	15 46	16 48	23 26	23 27	18 1	3 31	5 27
T 27	22 59	3 40	5 17	23 24	0 7	15 58	4 3	9 32	0 53	20 39	0 36	11 51	1 50	14 27	0 45	22 31	0 57	15 47	16 48	23 26	23 27	18 3	3 31	5 27
F 28	22 54	1n16	5 12	23 36	0n 5	16 7	4 3	9 18	0 52	20 38	0 36	11 49	1 50	14 28	0 45	22 31	0 57	15 47	16 49	23 26	23 27	18 5	3 31	5 28
S 29	22 48	6 3	4 53	23 47	0 16	16 17	4 3	9 4	0 52	20 37	0 35	11 47	1 50	14 28	0 45	22 31	0 57	15 47	16 49	23 26	23 27	18 7	3 32	5 28
S 30	22n42	10n33	4s21	23n55	0n27	16n26	4s 3	8n50	0n51	20s37	0n35	11n45	1n50	14s29	0s45	22s31	0n57	15s48	16s50	23n26	23n27	18n 9	3s32	5n28

Julian Day Number = 2207356.5, Delta T = 09m36s
Ecliptic obliquity = 23°31'33, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°24'54, Lahiri = 14°31'55 Julian Calendar 1 June 1331 == Greg. Calendar 9 June 1331

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ASTRODIENST EPHEMERIS for the year 1331
geocentric

JULY 1331 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	19 5 11	15♋48'18	21♉17	5♋58	1♊37	10♍ 5	4°R50	4♍11	23°R23	3°R49	28°R58	4♋48	4♋15	2♊53	7°R57	M 1
T 2	19 9 8	16°45'33	3♊ 6	8° 2	2°24	10°41	4♐46	4°17	23♒21	3♑47	28♓58	4°49	4°11	2°59	7♓55	T 2
W 3	19 13 4	17°42'49	14°56	10° 7	3°11	11°17	4°42	4°23	23°19	3°45	28°58	4°50	4° 8	3° 6	7°54	W 3
T 4	19 17 1	18°40'05	26°51	12°13	4° 0	11°53	4°38	4°29	23°17	3°44	28°58	4°51	4° 5	3°13	7°52	T 4
F 5	19 20 57	19°37'22	8♋53	14°20	4°49	12°29	4°35	4°35	23°16	3°42	28°57	4°R51	4° 2	3°19	7°51	F 5
S 6	19 24 54	20°34'40	21° 6	16°28	5°39	13° 6	4°31	4°41	23°14	3°41	28°57	4°50	3°59	3°26	7°49	S 6
S 7	19 28 50	21°31'59	3♌30	18°35	6°29	13°42	4°28	4°47	23°12	3°39	28°57	4°49	3°56	3°33	7°47	S 7
M 8	19 32 47	22°29'18	16° 6	20°42	7°20	14°19	4°25	4°53	23°10	3°38	28°56	4°46	3°52	3°39	7°45	M 8
T 9	19 36 43	23°26'38	28°56	22°49	8°12	14°55	4°22	4°59	23° 8	3°36	28°56	4°44	3°49	3°46	7°44	T 9
W10	19 40 40	24°23'58	12♍ 1	24°55	9° 4	15°32	4°19	5° 6	23° 6	3°35	28°56	4°41	3°46	3°53	7°42	W10
T 11	19 44 37	25°21'18	25°19	27° 1	9°57	16° 9	4°17	5°12	23° 4	3°33	28°55	4°39	3°43	3°59	7°40	T 11
F 12	19 48 33	26°18'40	8♎52	29° 5	10°51	16°45	4°14	5°18	23° 2	3°32	28°55	4°37	3°40	4° 6	7°38	F 12
S 13	19 52 30	27°16'02	22°40	1♏ 8	11°45	17°22	4°12	5°25	23° 0	3°30	28°54	4°D36	3°37	4°13	7°36	S 13
S 14	19 56 26	28°13'24	6♏42	3°10	12°40	17°59	4°10	5°31	22°58	3°29	28°54	4°36	3°33	4°19	7°34	S 14
M15	20 0 23	29°10'47	20°57	5°11	13°35	18°36	4° 8	5°38	22°56	3°27	28°53	4°37	3°30	4°26	7°32	M15
T 16	20 4 19	0♐ 8'11	5♐23	7°10	14°30	19°13	4° 7	5°44	22°53	3°26	28°53	4°39	3°27	4°33	7°30	T 16
W17	20 8 16	1° 5'35	19°57	9° 8	15°26	19°50	4° 5	5°51	22°51	3°25	28°52	4°40	3°24	4°39	7°28	W17
T 18	20 12 12	2° 3'00	4♑34	11° 4	16°23	20°28	4° 4	5°57	22°49	3°23	28°52	4°R40	3°21	4°46	7°26	T 18
F 19	20 16 9	3° 0'27	19° 8	12°59	17°20	21° 5	4° 3	6° 4	22°47	3°22	28°51	4°40	3°17	4°53	7°23	F 19
S 20	20 20 6	3°57'54	3♒35	14°52	18°17	21°42	4° 2	6°11	22°45	3°21	28°51	4°38	3°14	4°59	7°21	S 20
S 21	20 24 2	4°55'22	17°47	16°44	19°15	22°20	4° 2	6°17	22°42	3°19	28°50	4°34	3°11	5° 6	7°19	S 21
M22	20 27 59	5°52'51	1♓40	18°34	20°14	22°57	4° 1	6°24	22°40	3°18	28°50	4°30	3° 8	5°13	7°16	M22
T 23	20 31 55	6°50'21	15°11	20°23	21°12	23°35	4° 1	6°31	22°38	3°17	28°49	4°25	3° 5	5°19	7°14	T 23
W24	20 35 52	7°47'53	28°19	22°10	22°11	24°13	4°D 0	6°38	22°36	3°15	28°48	4°20	3° 2	5°26	7°12	W24
T 25	20 39 48	8°45'26	11♈ 5	23°55	23°11	24°50	4° 1	6°45	22°33	3°14	28°48	4°16	2°58	5°33	7° 9	T 25
F 26	20 43 45	9°43'01	23°30	25°39	24°11	25°28	4° 1	6°52	22°31	3°13	28°47	4°13	2°55	5°39	7° 7	F 26
S 27	20 47 41	10°40'37	5♉40	27°22	25°11	26° 6	4° 1	6°59	22°29	3°12	28°46	4°D12	2°52	5°46	7° 4	S 27
S 28	20 51 38	11°38'14	17°37	29° 3	26°12	26°44	4° 2	7° 6	22°26	3°10	28°45	4°12	2°49	5°53	7° 2	S 28
M29	20 55 35	12°35'54	29°28	0♍42	27°12	27°22	4° 3	7°13	22°24	3° 9	28°45	4°13	2°46	5°59	6°59	M29
T 30	20 59 31	13°33'34	11♊17	2°20	28°14	28° 0	4° 3	7°20	22°22	3° 8	28°44	4°15	2°42	6° 6	6°57	T 30
W31	21 3 28	14♌31'17	23♊ 9	3♍57	29♊15	28♍38	4♐ 5	7♍27	22♒19	3♑ 7	28♓43	4♋16	2♋39	6♊13	6♓54	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	22n35	14n38	3s39	24n 1	0n37	16n36	4s 2	8n35	0n50	20s36	0n35	11n43	1n50	14s29	0s46	22s31	0n57	15s48	16s50	23n26	23n27	18n11	3s32	5n28
T 2	22 28	18 7	2 47	24 4	0 47	16 46	4 2	8 21	0 49	20 36	0 35	11 41	1 50	14 30	0 46	22 31	0 57	15 49	16 50	23 26	23 28	18 13	3 33	5 29
W 3	22 21	20 53	1 48	24 4	0 56	16 56	4 1	8 6	0 48	20 35	0 35	11 38	1 50	14 31	0 46	22 31	0 57	15 49	16 51	23 26	23 28	18 15	3 33	5 29
T 4	22 13	22 45	0 44	24 2	1 5	17 6	4 0	7 52	0 48	20 35	0 34	11 36	1 50	14 31	0 46	22 31	0 57	15 49	16 51	23 26	23 28	18 17	3 34	5 29
F 5	22 5	23 36	0n22	23 57	1 12	17 16	3 58	7 37	0 47	20 34	0 34	11 34	1 50	14 32	0 46	22 31	0 57	15 50	16 51	23 26	23 28	18 19	3 34	5 29
S 6	21 57	23 19	1 29	23 49	1 19	17 26	3 57	7 23	0 46	20 34	0 34	11 32	1 49	14 33	0 46	22 31	0 57	15 50	16 52	23 26	23 28	18 21	3 34	5 29
S 7	21 48	21 54	2 32	23 38	1 25	17 36	3 56	7 8	0 45	20 33	0 34	11 29	1 49	14 33	0 46	22 31	0 57	15 51	16 52	23 26	23 28	18 23	3 35	5 30
M 8	21 39	19 23	3 29	23 25	1 31	17 46	3 54	6 53	0 45	20 33	0 34	11 27	1 49	14 34	0 46	22 31	0 57	15 51	16 52	23 26	23 28	18 25	3 35	5 30
T 9	21 29	15 53	4 16	23 9	1 35	17 56	3 52	6 38	0 44	20 33	0 33	11 25	1 49	14 35	0 46	22 32	0 57	15 52	16 53	23 26	23 28	18 27	3 36	5 30
W10	21 19	11 33	4 51	22 51	1 39	18 6	3 50	6 23	0 43	20 33	0 33	11 22	1 49	14 35	0 46	22 32	0 57	15 52	16 53	23 27	23 28	18 29	3 36	5 30
T 11	21 9	6 37	5 11	22 30	1 42	18 16	3 48	6 8	0 42	20 32	0 33	11 20	1 49	14 36	0 46	22 32	0 57	15 53	16 53	23 27	23 28	18 31	3 37	5 30
F 12	20 58	1 17	5 14	22 7	1 45	18 25	3 46	5 53	0 41	20 32	0 33	11 17	1 49	14 37	0 46	22 32	0 57	15 53	16 54	23 27	23 28	18 33	3 37	5 30
S 13	20 47	4s13	5 0	21 42	1 46	18 35	3 44	5 38	0 41	20 32	0 32	11 15	1 49	14 37	0 46	22 32	0 57	15 54	16 54	23 27	23 29	18 35	3 38	5 31
S 14	20 36	9 36	4 27	21 15	1 47	18 44	3 41	5 23	0 40	20 32	0 32	11 13	1 49	14 38	0 46	22 32	0 57	15 54	16 54	23 27	23 29	18 37	3 39	5 31
M15	20 24	14 33	3 38	20 47	1 47	18 54	3 39	5 7	0 39	20 32	0 32	11 10	1 49	14 39	0 46	22 32	0 57	15 55	16 55	23 27	23 29	18 39	3 39	5 31
T 16	20 12	18 45	2 34	20 16	1 47	19 3	3 36	4 52	0 38	20 31	0 32	11 8	1 49	14 39	0 46	22 32	0 57	15 55	16 55	23 27	23 29	18 41	3 40	5 31
W17	19 59	21 49	1 20	19 44	1 46	19 12	3 33	4 37	0 38	20 31	0 32	11 5	1 49	14 40	0 46	22 32	0 57	15 56	16 55	23 27	23 29	18 42	3 41	5 31
T 18	19 46	23 26	0 1	19 11	1 44	19 20	3 30	4 21	0 37	20 31	0 31	11 3	1 49	14 41	0 46	22 32	0 57	15 56	16 56	23 27	23 29	18 44	3 41	5 31
F 19	19 33	23 27	1s19	18 36	1 42	19 29	3 27	4 6	0 36	20 31	0 31	11 0	1 49	14 42	0 46	22 32	0 57	15 57	16 56	23 27	23 29	18 46	3 42	5 31
S 20	19 20	21 53	2 32	18 1	1 39	19 37	3 24	3 51	0 35	20 31	0 31	10 58	1 49	14 42	0 46	22 32	0 57	15 57	16 56	23 27	23 29	18 48	3 43	5 32
S 21	19 6	18 57	3 34	17 24	1 36	19 45	3 21	3 35	0 35	20 31	0 31	10 55	1 49	14 43	0 46	22 32	0 57	15 58	16 57	23 27	23 29	18 50	3 43	5 32
M22	18 52	15 0	4 23	16 47	1 32	19 52	3 18	3 19	0 34	20 32	0 31	10 53	1 49	14 44	0 46	22 32	0 57	15 58	16 57	23 27	23 29	18 52	3 44	5 32
T 23	18 38	10 23	4 55	16 8	1 28	20 0	3 15	3 4	0 33	20 32	0 30	10 50	1 49	14 45	0 46	22 32	0 57	15 59	16 57	23 27	23 29	18 54	3 45	5 32
W24	18 23	5 25	5 10	15 29	1 23	20 7	3 11	2 48	0 32	20 32	0 30	10 47	1 49	14 45	0 46	22 32	0 57	15 59	16 58	23 27	23 29	18 56	3 46	5 32
T 25	18 8	0 21	5 10	14 50	1 18	20 13	3 8	2 32	0 32	20 32	0 30	10 45	1 49	14 46	0 46	22 33	0 57	16 0	16 58	23 27	23 30	18 58	3 46	5 32
F 26	17 53	4n36	4 55	14 10	1 13	20 20	3 5	2 17	0 31	20 32	0 30	10 42	1 49	14 47	0 46	22 33	0 57	16 0	16 58	23 28	23 30	19 0	3 47	5 32
S 27	17 37	9 16	4 26	13 29	1 7	20 25	3 1	2 1	0 30	20 33	0 30	10 40	1 49	14 48	0 46	22 33	0 57	16 1	16 59	23 28	23 30	19 2	3 48	5 32
S 28	17 21	13 31	3 47	12 48	1 1	20 31	2 57	1 45	0 29	20 33	0 29	10 37	1 48	14 48	0 46	22 33	0 57	16 1	16 59	23 28	23 30	19 4	3 49	5 32
M29	17 5	17 13	2 58	12 7	0 55	20 36	2 54	1 29	0 29	20 33	0 29	10 34	1 48	14 49	0 46	22 33	0 57	16 2	16 59	23 28	23 30	19 6	3 50	5 33
T 30	16 49	20 12	2 2	11 26	0 48	20 41	2 50	1 13	0 28	20 34	0 29	10 32	1 48	14 50	0 46	22 33	0 56	16 3	16 59	23 27	23 30	19 8	3 50	5 33
W31	16n32	22n21	1s 0	10n44	0n41	20n45	2s46	0n58	0n27	20s34	0n29	10n29	1n48	14s51	0s46	22s33	0n56	16s 3	17s 0	23n27	23n30	19n10	3s51	5n33

Julian Day Number = 2207386.5, Delta T = 09m36s
Ecliptic obliquity = 23°31'33, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°24'58, Lahiri = 14°31'59 Julian Calendar 1 July 1331 == Greg. Calendar 9 July 1331

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ASTRODIENST EPHEMERIS for the year 1331
geocentric

AUGUST 1331 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	21 7 24	15♌29'01	5♋ 9	5♍32	0♋17	29♍16	4♐ 6	7♍34	22°R17	3°R 6	28°R42	4°R17	2♋36	6♊19	6°R52	T 1
F 2	21 11 21	16°26'46	17°20	7° 6	1°19	29°55	4° 7	7°41	22♒15	3♑ 5	28♓42	4♋16	2°33	6°26	6♓49	F 2
S 3	21 15 17	17°24'33	29°45	8°38	2°22	0♎33	4° 9	7°48	22°12	3° 4	28°41	4°13	2°30	6°33	6°46	S 3
S 4	21 19 14	18°22'22	12♌26	10° 9	3°25	1°11	4°11	7°56	22°10	3° 3	28°40	4° 8	2°27	6°39	6°44	S 4
M 5	21 23 10	19°20'12	25°23	11°38	4°28	1°50	4°13	8° 3	22° 7	3° 2	28°39	4° 2	2°23	6°46	6°41	M 5
T 6	21 27 7	20°18'04	8♍36	13° 6	5°31	2°29	4°15	8°10	22° 5	3° 1	28°38	3°54	2°20	6°53	6°38	T 6
W 7	21 31 4	21°15'56	22° 4	14°32	6°35	3° 7	4°18	8°17	22° 3	3° 0	28°37	3°46	2°17	6°59	6°36	W 7
T 8	21 35 0	22°13'51	5♎44	15°57	7°38	3°46	4°20	8°25	22° 0	2°59	28°36	3°39	2°14	7° 6	6°33	T 8
F 9	21 38 57	23°11'46	19°33	17°20	8°42	4°25	4°23	8°32	21°58	2°58	28°35	3°33	2°11	7°13	6°30	F 9
S 10	21 42 53	24° 9'43	3♏31	18°42	9°47	5° 4	4°26	8°39	21°55	2°57	28°34	3°29	2° 8	7°19	6°27	S 10
S 11	21 46 50	25° 7'41	17°35	20° 2	10°51	5°43	4°29	8°47	21°53	2°56	28°34	3°27	2° 4	7°26	6°24	S 11
M12	21 50 46	26° 5'41	1♐42	21°21	11°56	6°22	4°33	8°54	21°51	2°56	28°33	3°D27	2° 1	7°33	6°22	M12
T 13	21 54 43	27° 3'42	15°53	22°37	13° 1	7° 1	4°36	9° 1	21°48	2°55	28°32	3°28	1°58	7°39	6°19	T 13
W14	21 58 39	28° 1'44	0♑ 5	23°52	14° 6	7°40	4°40	9° 9	21°46	2°54	28°31	3°R28	1°55	7°46	6°16	W14
T 15	22 2 36	28°59'48	14°17	25° 6	15°12	8°19	4°44	9°16	21°44	2°53	28°30	3°28	1°52	7°53	6°13	T 15
F 16	22 6 33	29°57'54	28°26	26°17	16°18	8°58	4°48	9°23	21°41	2°53	28°29	3°26	1°48	7°59	6°10	F 16
S 17	22 10 29	0♍56'01	12♒28	27°26	17°24	9°38	4°52	9°31	21°39	2°52	28°28	3°21	1°45	8° 6	6° 7	S 17
S 18	22 14 26	1°54'09	26°20	28°34	18°30	10°17	4°56	9°38	21°37	2°51	28°27	3°13	1°42	8°12	6° 5	S 18
M19	22 18 22	2°52'19	9♓58	29°39	19°36	10°56	5° 1	9°46	21°34	2°51	28°26	3° 4	1°39	8°19	6° 2	M19
T 20	22 22 19	3°50'31	23°18	0♎42	20°42	11°36	5° 5	9°53	21°32	2°50	28°24	2°54	1°36	8°26	5°59	T 20
W21	22 26 15	4°48'45	6♈20	1°42	21°49	12°16	5°10	10° 1	21°30	2°49	28°23	2°44	1°33	8°32	5°56	W21
T 22	22 30 12	5°47'00	19° 2	2°40	22°56	12°55	5°15	10° 8	21°27	2°49	28°22	2°34	1°29	8°39	5°53	T 22
F 23	22 34 8	6°45'18	1♉26	3°35	24° 3	13°35	5°20	10°16	21°25	2°48	28°21	2°27	1°26	8°46	5°50	F 23
S 24	22 38 5	7°43'38	13°35	4°27	25°11	14°15	5°26	10°23	21°23	2°48	28°20	2°22	1°23	8°52	5°47	S 24
S 25	22 42 2	8°42'00	25°32	5°16	26°18	14°55	5°31	10°31	21°20	2°48	28°19	2°19	1°20	8°59	5°44	S 25
M26	22 45 58	9°40'24	7♊22	6° 2	27°26	15°35	5°37	10°38	21°18	2°47	28°18	2°D18	1°17	9° 6	5°42	M26
T 27	22 49 55	10°38'51	19°11	6°44	28°34	16°15	5°43	10°46	21°16	2°47	28°17	2°18	1°14	9°12	5°39	T 27
W28	22 53 51	11°37'19	1♋ 4	7°22	29°42	16°55	5°49	10°53	21°14	2°46	28°16	2°R18	1°10	9°19	5°36	W28
T 29	22 57 48	12°35'50	13° 6	7°56	0♌50	17°35	5°55	11° 1	21°12	2°46	28°15	2°18	1° 7	9°26	5°33	T 29
F 30	23 1 44	13°34'23	25°22	8°26	1°58	18°15	6° 1	11° 8	21° 9	2°46	28°13	2°16	1° 4	9°32	5°30	F 30
S 31	23 5 41	14♍32'58	7♌56	8♎51	3♌ 7	18♎55	6♐ 7	11♍16	21♒ 7	2♑46	28♓12	2♋11	1♋ 1	9♊39	5♓27	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	16n15	23n30	0n 5	10n 2	0n34	20n49	2s42	0n42	0n26	20s35	0n29	10n26	1n48	14s52	0s46	22s33	0n56	16s 4	17s 0	23n27	23n30	19n12	3s52	5n33
F 2	15 58	23 34	1 10	9 21	0 26	20 53	2 38	0 26	0 26	20 35	0 28	10 24	1 48	14 52	0 46	22 33	0 56	16 4	17 0	23 27	23 30	19 13	3 53	5 33
S 3	15 40	22 27	2 14	8 39	0 19	20 56	2 34	0 10	0 25	20 36	0 28	10 21	1 48	14 53	0 46	22 33	0 56	16 5	17 0	23 28	23 30	19 15	3 54	5 33
S 4	15 23	20 12	3 12	7 58	0 11	20 59	2 30	0s 6	0 24	20 36	0 28	10 18	1 48	14 54	0 46	22 33	0 56	16 5	17 1	23 28	23 30	19 17	3 55	5 33
M 5	15 5	16 53	4 1	7 16	0 3	21 1	2 26	0 22	0 23	20 37	0 28	10 15	1 48	14 55	0 46	22 33	0 56	16 6	17 1	23 28	23 30	19 19	3 56	5 33
T 6	14 46	12 40	4 38	6 35	0s 6	21 3	2 22	0 38	0 23	20 37	0 28	10 13	1 48	14 56	0 46	22 33	0 56	16 7	17 1	23 28	23 30	19 21	3 57	5 33
W 7	14 28	7 46	5 1	5 54	0 14	21 4	2 18	0 55	0 22	20 38	0 27	10 10	1 48	14 56	0 46	22 33	0 56	16 7	17 1	23 28	23 30	19 23	3 58	5 33
T 8	14 9	2 25	5 7	5 13	0 23	21 5	2 14	1 11	0 21	20 39	0 27	10 7	1 48	14 57	0 46	22 33	0 56	16 8	17 2	23 29	23 30	19 25	3 59	5 33
F 9	13 50	3s 7	4 56	4 32	0 31	21 5	2 10	1 27	0 21	20 39	0 27	10 4	1 48	14 58	0 46	22 33	0 56	16 8	17 2	23 29	23 30	19 27	4 0	5 33
S 10	13 31	8 33	4 26	3 52	0 40	21 5	2 6	1 43	0 20	20 40	0 27	10 2	1 48	14 59	0 46	22 33	0 56	16 9	17 2	23 29	23 31	19 29	4 1	5 33
S 11	13 12	13 36	3 41	3 13	0 49	21 4	2 1	1 59	0 19	20 41	0 27	9 59	1 48	14 59	0 46	22 34	0 56	16 9	17 2	23 29	23 31	19 30	4 2	5 33
M12	12 52	17 56	2 42	2 34	0 58	21 3	1 57	2 15	0 18	20 42	0 26	9 56	1 48	15 0	0 46	22 34	0 56	16 10	17 3	23 29	23 31	19 32	4 3	5 33
T 13	12 32	21 14	1 33	1 55	1 7	21 1	1 53	2 31	0 18	20 42	0 26	9 53	1 48	15 1	0 46	22 34	0 56	16 11	17 3	23 29	23 31	19 34	4 4	5 33
W14	12 12	23 13	0 18	1 17	1 16	20 59	1 49	2 47	0 17	20 43	0 26	9 51	1 48	15 2	0 46	22 34	0 56	16 11	17 3	23 29	23 31	19 36	4 5	5 33
T 15	11 52	23 43	0s58	0 39	1 25	20 56	1 44	3 4	0 16	20 44	0 26	9 48	1 48	15 3	0 46	22 34	0 56	16 12	17 3	23 29	23 31	19 38	4 6	5 33
F 16	11 31	22 40	2 10	0 3	1 34	20 52	1 40	3 20	0 16	20 45	0 26	9 45	1 49	15 3	0 46	22 34	0 56	16 12	17 3	23 29	23 31	19 40	4 7	5 33
S 17	11 11	20 12	3 13	0s33	1 43	20 49	1 36	3 36	0 15	20 46	0 25	9 42	1 49	15 4	0 46	22 34	0 56	16 13	17 4	23 29	23 31	19 42	4 8	5 33
S 18	10 50	16 36	4 4	1 8	1 52	20 44	1 31	3 52	0 14	20 47	0 25	9 39	1 49	15 5	0 46	22 34	0 56	16 13	17 4	23 29	23 31	19 44	4 9	5 33
M19	10 29	12 11	4 40	1 43	2 1	20 39	1 27	4 8	0 13	20 48	0 25	9 37	1 49	15 6	0 46	22 34	0 56	16 14	17 4	23 29	23 31	19 45	4 10	5 33
T 20	10 8	7 15	5 0	2 16	2 10	20 34	1 23	4 24	0 13	20 49	0 25	9 34	1 49	15 6	0 46	22 34	0 56	16 15	17 4	23 30	23 31	19 47	4 11	5 33
W21	9 47	2 7	5 3	2 48	2 19	20 28	1 19	4 41	0 12	20 50	0 25	9 31	1 49	15 7	0 46	22 34	0 56	16 15	17 4	23 30	23 31	19 49	4 12	5 33
T 22	9 25	2n59	4 52	3 19	2 28	20 21	1 14	4 57	0 11	20 51	0 24	9 28	1 49	15 8	0 46	22 34	0 56	16 16	17 4	23 30	23 31	19 51	4 13	5 33
F 23	9 4	7 51	4 26	3 49	2 36	20 14	1 10	5 13	0 11	20 52	0 24	9 25	1 49	15 9	0 46	22 34	0 56	16 16	17 4	23 30	23 31	19 53	4 15	5 33
S 24	8 42	12 19	3 49	4 18	2 45	20 6	1 6	5 29	0 10	20 53	0 24	9 23	1 49	15 9	0 46	22 34	0 56	16 17	17 5	23 30	23 31	19 55	4 16	5 33
S 25	8 20	16 15	3 3	4 45	2 53	19 58	1 1	5 45	0 9	20 55	0 24	9 20	1 49	15 10	0 46	22 34	0 56	16 17	17 5	23 30	23 31	19 56	4 17	5 33
M26	7 58	19 30	2 9	5 10	3 1	19 49	0 57	6 1	0 9	20 56	0 24	9 17	1 49	15 11	0 46	22 34	0 56	16 18	17 5	23 30	23 31	19 58	4 18	5 33
T 27	7 36	21 56	1 9	5 34	3 9	19 40	0 53	6 17	0 8	20 57	0 24	9 14	1 49	15 11	0 46	22 34	0 55	16 18	17 5	23 30	23 31	20 0	4 19	5 33
W28	7 14	23 25	0 7	5 56	3 16	19 30	0 49	6 33	0 7	20 58	0 23	9 11	1 49	15 12	0 46	22 34	0 55	16 19	17 5	23 30	23 31	20 2	4 20	5 33
T 29	6 51	23 50	0n57	6 16	3 23	19 19	0 45	6 49	0 7	20 59	0 23	9 9	1 49	15 13	0 46	22 34	0 55	16 20	17 5	23 30	23 31	20 4	4 21	5 32
F 30	6 29	23 6	1 59	6 33	3 29	19 8	0 40	7 5	0 6	21 1	0 23	9 6	1 49	15 13	0 46	22 34	0 55	16 20	17 5	23 30	23 31	20 5	4 22	5 32
S 31	6n 6	21n12	2n57	6s49	3s35	18n57	0s36	7s21	0n 5	21s 2	0n23	9n 3	1n49	15s14	0s46	22s35	0n55	16s21	17s 5	23n30	23n31	20n 7	4s23	5n32

Julian Day Number = 2207417.5, Delta T = 09m36s
Ecliptic obliquity = 23°31'33, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°25'03, Lahiri = 14°32'03 Julian Calendar 1 Aug. 1331 == Greg. Calendar 9 Aug. 1331

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ASTRODIENST EPHEMERIS for the year 1331
geocentric

SEPTEMBER 1331 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	23 9 37	15♍31'35	20♌50	9♎10	4♌15	19♎36	6♐14	11♍23	21°R 5	2°R45	28°R11	2°R 3	0♋58	9♊46	5°R25	S 1
M 2	23 13 34	16°30'14	4♍ 6	9°24	5°24	20°16	6°21	11°31	21♒ 3	2♑45	28♓10	1♋54	0°54	9°52	5♓22	M 2
T 3	23 17 31	17°28'55	17°42	9°33	6°33	20°57	6°27	11°38	21° 1	2°45	28° 9	1°42	0°51	9°59	5°19	T 3
W 4	23 21 27	18°27'38	1♎35	9°R35	7°42	21°37	6°34	11°45	20°59	2°45	28° 8	1°30	0°48	10° 6	5°16	W 4
T 5	23 25 24	19°26'23	15°42	9°30	8°52	22°18	6°42	11°53	20°57	2°45	28° 7	1°19	0°45	10°12	5°13	T 5
F 6	23 29 20	20°25'10	29°57	9°19	10° 1	22°58	6°49	12° 0	20°55	2°45	28° 5	1°10	0°42	10°19	5°11	F 6
S 7	23 33 17	21°23'59	14♏14	9° 0	11°11	23°39	6°56	12° 8	20°53	2°D45	28° 4	1° 3	0°39	10°26	5° 8	S 7
S 8	23 37 13	22°22'50	28°31	8°34	12°20	24°20	7° 4	12°15	20°51	2°45	28° 3	0°59	0°35	10°32	5° 5	S 8
M 9	23 41 10	23°21'42	12♐43	8° 1	13°30	25° 1	7°12	12°23	20°49	2°45	28° 2	0°58	0°32	10°39	5° 3	M 9
T 10	23 45 6	24°20'36	26°50	7°20	14°40	25°42	7°19	12°30	20°47	2°45	28° 1	0°57	0°29	10°46	5° 0	T 10
W11	23 49 3	25°19'32	10♑49	6°32	15°50	26°23	7°27	12°37	20°45	2°45	28° 0	0°57	0°26	10°52	4°57	W11
T 12	23 53 0	26°18'30	24°42	5°38	17° 0	27° 4	7°36	12°45	20°44	2°45	27°58	0°56	0°23	10°59	4°55	T 12
F 13	23 56 56	27°17'30	8♒28	4°39	18°11	27°45	7°44	12°52	20°42	2°45	27°57	0°52	0°19	11° 6	4°52	F 13
S 14	0 0 53	28°16'31	22° 4	3°34	19°21	28°26	7°52	12°59	20°40	2°46	27°56	0°46	0°16	11°12	4°49	S 14
S 15	0 4 49	29°15'34	5♓32	2°27	20°32	29° 8	8° 1	13° 7	20°38	2°46	27°55	0°36	0°13	11°19	4°47	S 15
M16	0 8 46	0♎14'39	18°47	1°18	21°42	29°49	8° 9	13°14	20°37	2°46	27°54	0°24	0°10	11°25	4°44	M16
T 17	0 12 42	1°13'46	1♈50	0° 9	22°53	0♏30	8°18	13°21	20°35	2°46	27°52	0°11	0° 7	11°32	4°42	T 17
W18	0 16 39	2°12'55	14°37	29♍ 2	24° 4	1°12	8°27	13°29	20°33	2°47	27°51	29♊58	0° 4	11°39	4°39	W18
T 19	0 20 35	3°12'06	27°10	27°58	25°15	1°53	8°36	13°36	20°32	2°47	27°50	29°45	0° 0	11°45	4°37	T 19
F 20	0 24 32	4°11'20	9♉27	27° 1	26°26	2°35	8°45	13°43	20°30	2°48	27°49	29°35	29♊57	11°52	4°35	F 20
S 21	0 28 28	5°10'35	21°32	26°11	27°38	3°17	8°54	13°50	20°29	2°48	27°48	29°28	29°54	11°59	4°32	S 21
S 22	0 32 25	6° 9'53	3♊27	25°29	28°49	3°58	9° 3	13°57	20°27	2°49	27°47	29°23	29°51	12° 5	4°30	S 22
M23	0 36 22	7° 9'14	15°16	24°57	0♍ 1	4°40	9°13	14° 4	20°26	2°49	27°45	29°21	29°48	12°12	4°28	M23
T 24	0 40 18	8° 8'36	27° 3	24°35	1°12	5°22	9°22	14°11	20°25	2°50	27°44	29°D20	29°45	12°19	4°25	T 24
W25	0 44 15	9° 8'01	8♋55	24°D25	2°24	6° 4	9°32	14°19	20°23	2°50	27°43	29°R20	29°41	12°25	4°23	W25
T 26	0 48 11	10° 7'29	20°56	24°25	3°36	6°46	9°42	14°26	20°22	2°51	27°42	29°20	29°38	12°32	4°21	T 26
F 27	0 52 8	11° 6'58	3♌12	24°36	4°48	7°28	9°52	14°33	20°21	2°51	27°41	29°18	29°35	12°39	4°19	F 27
S 28	0 56 4	12° 6'30	15°48	24°58	6° 0	8°10	10° 2	14°39	20°19	2°52	27°40	29°14	29°32	12°45	4°17	S 28
S 29	1 0 1	13° 6'05	28°48	25°29	7°12	8°52	10°12	14°46	20°18	2°53	27°38	29° 7	29°29	12°52	4°15	S 29
M30	1 3 57	14♎ 5'41	12♍13	26♍10	8♍24	9♏35	10♐22	14♍53	20♒17	2♑54	27♓37	28♊58	29♊25	12♊59	4♓13	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	5n44	18n11	3n47	7s 1	3s40	18n45	0s32	7s37	0n 4	21s 3	0n23	9n 0	1n49	15s15	0s46	22s35	0n55	16s21	17s 6	23n31	23n31	20n 9	4s25	5n32
M 2	5 21	14 11	4 27	7 11	3 45	18 32	0 28	7 53	0 4	21 5	0 23	8 57	1 49	15 15	0 46	22 35	0 55	16 22	17 6	23 31	23 31	20 11	4 26	5 32
T 3	4 58	9 21	4 52	7 18	3 49	18 19	0 24	8 9	0 3	21 6	0 22	8 55	1 49	15 16	0 46	22 35	0 55	16 22	17 6	23 31	23 31	20 13	4 27	5 32
W 4	4 35	3 58	5 1	7 21	3 51	18 5	0 20	8 25	0 2	21 7	0 22	8 52	1 49	15 17	0 46	22 35	0 55	16 23	17 6	23 31	23 31	20 14	4 28	5 32
T 5	4 12	1s43	4 52	7 21	3 53	17 51	0 16	8 41	0 2	21 9	0 22	8 49	1 49	15 17	0 46	22 35	0 55	16 23	17 6	23 31	23 31	20 16	4 29	5 32
F 6	3 49	7 22	4 24	7 17	3 54	17 36	0 12	8 57	0 1	21 10	0 22	8 46	1 50	15 18	0 46	22 35	0 55	16 24	17 6	23 31	23 31	20 18	4 30	5 31
S 7	3 25	12 40	3 40	7 9	3 53	17 21	0 8	9 13	0 0	21 11	0 22	8 43	1 50	15 19	0 46	22 35	0 55	16 24	17 6	23 31	23 31	20 20	4 31	5 31
S 8	3 2	17 15	2 43	6 56	3 51	17 5	0 4	9 28	0s 0	21 13	0 21	8 41	1 50	15 19	0 46	22 35	0 55	16 25	17 6	23 31	23 31	20 21	4 33	5 31
M 9	2 39	20 50	1 35	6 39	3 47	16 49	0 1	9 44	0 1	21 14	0 21	8 38	1 50	15 20	0 46	22 35	0 55	16 25	17 6	23 31	23 32	20 23	4 34	5 31
T 10	2 15	23 7	0 22	6 18	3 41	16 33	0n 3	10 0	0 2	21 16	0 21	8 35	1 50	15 20	0 46	22 35	0 55	16 26	17 6	23 31	23 32	20 25	4 35	5 31
W11	1 52	23 57	0s52	5 52	3 34	16 15	0 7	10 15	0 2	21 17	0 21	8 32	1 50	15 21	0 46	22 35	0 55	16 26	17 6	23 31	23 32	20 27	4 36	5 31
T 12	1 28	23 16	2 2	5 22	3 24	15 58	0 10	10 31	0 3	21 19	0 21	8 30	1 50	15 22	0 46	22 35	0 55	16 27	17 6	23 31	23 32	20 29	4 37	5 30
F 13	1 5	21 11	3 4	4 48	3 13	15 40	0 14	10 46	0 4	21 20	0 21	8 27	1 50	15 22	0 46	22 35	0 55	16 27	17 6	23 31	23 32	20 30	4 38	5 30
S 14	0 41	17 54	3 55	4 11	3 0	15 21	0 18	11 1	0 4	21 22	0 21	8 24	1 50	15 23	0 46	22 35	0 55	16 28	17 6	23 31	23 32	20 32	4 39	5 30
S 15	0 18	13 44	4 32	3 30	2 45	15 2	0 21	11 17	0 5	21 23	0 20	8 21	1 50	15 23	0 46	22 35	0 55	16 28	17 6	23 31	23 32	20 34	4 40	5 30
M16	0s 6	8 57	4 54	2 47	2 28	14 42	0 25	11 32	0 6	21 25	0 20	8 19	1 50	15 24	0 46	22 35	0 55	16 29	17 6	23 32	23 32	20 35	4 41	5 30
T 17	0 29	3 51	5 0	2 3	2 10	14 23	0 28	11 47	0 6	21 26	0 20	8 16	1 51	15 24	0 46	22 35	0 55	16 29	17 6	23 32	23 32	20 37	4 42	5 29
W18	0 53	1n19	4 50	1 19	1 51	14 2	0 31	12 2	0 7	21 28	0 20	8 13	1 51	15 25	0 46	22 35	0 55	16 30	17 6	23 32	23 32	20 39	4 44	5 29
T 19	1 17	6 21	4 27	0 35	1 31	13 41	0 34	12 17	0 8	21 30	0 20	8 11	1 51	15 25	0 46	22 35	0 55	16 30	17 6	23 32	23 32	20 41	4 45	5 29
F 20	1 40	11 2	3 51	0n 7	1 11	13 20	0 38	12 32	0 8	21 31	0 20	8 8	1 51	15 26	0 46	22 35	0 55	16 31	17 6	23 32	23 32	20 42	4 46	5 29
S 21	2 4	15 13	3 6	0 45	0 50	12 59	0 41	12 47	0 9	21 33	0 19	8 5	1 51	15 26	0 46	22 35	0 54	16 31	17 6	23 32	23 32	20 44	4 47	5 29
S 22	2 27	18 45	2 13	1 21	0 30	12 37	0 44	13 2	0 9	21 34	0 19	8 3	1 51	15 27	0 46	22 35	0 54	16 31	17 6	23 31	23 32	20 46	4 48	5 28
M23	2 51	21 29	1 14	1 51	0 10	12 14	0 47	13 17	0 10	21 36	0 19	8 0	1 51	15 27	0 45	22 35	0 54	16 32	17 6	23 31	23 32	20 48	4 49	5 28
T 24	3 14	23 18	0 12	2 17	0n 8	11 52	0 50	13 32	0 11	21 37	0 19	7 57	1 51	15 27	0 45	22 35	0 54	16 32	17 6	23 31	23 32	20 49	4 50	5 28
W25	3 38	24 4	0n51	2 37	0 26	11 29	0 53	13 46	0 11	21 39	0 19	7 55	1 52	15 28	0 45	22 35	0 54	16 33	17 6	23 31	23 32	20 51	4 51	5 28
T 26	4 1	23 44	1 52	2 52	0 42	11 5	0 55	14 1	0 12	21 41	0 19	7 52	1 52	15 28	0 45	22 35	0 54	16 33	17 6	23 31	23 32	20 53	4 52	5 27
F 27	4 25	22 15	2 49	3 1	0 56	10 41	0 58	14 15	0 13	21 42	0 19	7 49	1 52	15 29	0 45	22 35	0 54	16 33	17 6	23 31	23 32	20 54	4 53	5 27
S 28	4 48	19 39	3 40	3 5	1 10	10 17	1 1	14 29	0 13	21 44	0 18	7 47	1 52	15 29	0 45	22 36	0 54	16 34	17 6	23 31	23 32	20 56	4 54	5 27
S 29	5 11	16 1	4 21	3 3	1 21	9 53	1 3	14 44	0 14	21 46	0 18	7 44	1 52	15 29	0 45	22 36	0 54	16 34	17 5	23 31	23 32	20 58	4 55	5 27
M30	5s35	11n27	4n49	2n56	1n31	9n28	1n 6	14s58	0s15	21s47	0n18	7n42	1n52	15s30	0s45	22s36	0n54	16s35	17s 5	23n31	23n32	20n59	4s56	5n26

Julian Day Number = 2207448.5, Delta T = 09m36s
Ecliptic obliquity = 23°31'34, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°25'07, Lahiri = 14°32'07 Julian Calendar 1 Sept. 1331 == Greg. Calendar 9 Sept. 1331

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ASTRODIENST EPHEMERIS for the year 1331
geocentric

OCTOBER 1331 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	1 7 54	15♎ 5'20	26♍ 4	26♍59	9♍36	10♏17	10♐32	15♍ 0	20°R16	2♉54	27°R36	28°R47	29♊22	13♊ 5	4°R11	T 1
W 2	1 11 51	16° 5'01	10♎18	27°55	10°49	10°59	10°43	15° 7	20♒15	2°55	27♓35	28♊35	29°19	13°12	4♓ 9	W 2
T 3	1 15 47	17° 4'43	24°49	28°59	12° 1	11°42	10°53	15°14	20°14	2°56	27°34	28°24	29°16	13°19	4° 7	T 3
F 4	1 19 44	18° 4'28	9♏30	0♎ 8	13°14	12°24	11° 4	15°20	20°13	2°57	27°33	28°15	29°13	13°25	4° 5	F 4
S 5	1 23 40	19° 4'15	24°13	1°23	14°27	13° 7	11°15	15°27	20°12	2°58	27°32	28° 8	29°10	13°32	4° 3	S 5
S 6	1 27 37	20° 4'04	8♐52	2°42	15°39	13°49	11°26	15°34	20°11	2°59	27°31	28° 5	29° 6	13°38	4° 1	S 6
M 7	1 31 33	21° 3'55	23°21	4° 5	16°52	14°32	11°36	15°40	20°11	3° 0	27°30	28°D 3	29° 3	13°45	4° 0	M 7
T 8	1 35 30	22° 3'47	7♑36	5°31	18° 5	15°15	11°47	15°47	20°10	3° 1	27°29	28° 3	29° 0	13°52	3°58	T 8
W 9	1 39 26	23° 3'41	21°36	7° 0	19°18	15°58	11°59	15°53	20° 9	3° 2	27°28	28°R 4	28°57	13°58	3°56	W 9
T 10	1 43 23	24° 3'36	5♒22	8°31	20°31	16°41	12°10	16° 0	20° 8	3° 3	27°26	28° 3	28°54	14° 5	3°55	T 10
F 11	1 47 20	25° 3'33	18°53	10° 4	21°44	17°24	12°21	16° 6	20° 8	3° 4	27°25	28° 1	28°51	14°12	3°53	F 11
S 12	1 51 16	26° 3'32	2♓11	11°39	22°57	18° 7	12°32	16°13	20° 7	3° 5	27°24	27°56	28°47	14°18	3°52	S 12
S 13	1 55 13	27° 3'33	15°17	13°15	24°11	18°50	12°44	16°19	20° 7	3° 6	27°23	27°48	28°44	14°25	3°50	S 13
M14	1 59 9	28° 3'35	28°10	14°51	25°24	19°33	12°55	16°25	20° 6	3° 7	27°22	27°38	28°41	14°32	3°49	M14
T 15	2 3 6	29° 3'39	10♈52	16°28	26°37	20°16	13° 7	16°31	20° 6	3° 9	27°21	27°28	28°38	14°38	3°48	T 15
W16	2 7 2	0♏ 3'44	23°22	18° 6	27°51	20°59	13°19	16°37	20° 5	3°10	27°20	27°16	28°35	14°45	3°47	W16
T 17	2 10 59	1° 3'52	5♉41	19°44	29° 4	21°43	13°30	16°43	20° 5	3°11	27°20	27° 6	28°31	14°52	3°45	T 17
F 18	2 14 55	2° 4'01	17°49	21°22	0♎18	22°26	13°42	16°50	20° 5	3°12	27°19	26°58	28°28	14°58	3°44	F 18
S 19	2 18 52	3° 4'13	29°47	23° 1	1°32	23° 9	13°54	16°55	20° 5	3°14	27°18	26°52	28°25	15° 5	3°43	S 19
S 20	2 22 48	4° 4'26	11♊38	24°39	2°45	23°53	14° 6	17° 1	20° 5	3°15	27°17	26°48	28°22	15°12	3°42	S 20
M21	2 26 45	5° 4'41	23°25	26°17	3°59	24°37	14°18	17° 7	20° 4	3°16	27°16	26°D47	28°19	15°18	3°41	M21
T 22	2 30 42	6° 4'59	5♋12	27°56	5°13	25°20	14°30	17°13	20° 4	3°18	27°15	26°47	28°16	15°25	3°40	T 22
W23	2 34 38	7° 5'18	17° 2	29°34	6°27	26° 4	14°42	17°19	20°D 4	3°19	27°14	26°48	28°12	15°32	3°39	W23
T 24	2 38 35	8° 5'39	29° 1	1♏11	7°41	26°48	14°54	17°24	20° 4	3°21	27°13	26°49	28° 9	15°38	3°38	T 24
F 25	2 42 31	9° 6'03	11♌15	2°49	8°55	27°31	15° 7	17°30	20° 4	3°22	27°12	26°R50	28° 6	15°45	3°38	F 25
S 26	2 46 28	10° 6'28	23°47	4°26	10° 9	28°15	15°19	17°35	20° 5	3°24	27°12	26°49	28° 3	15°51	3°37	S 26
S 27	2 50 24	11° 6'55	6♍44	6° 3	11°23	28°59	15°32	17°41	20° 5	3°25	27°11	26°46	28° 0	15°58	3°36	S 27
M28	2 54 21	12° 7'24	20° 8	7°40	12°37	29°43	15°44	17°46	20° 5	3°27	27°10	26°41	27°56	16° 5	3°36	M28
T 29	2 58 17	13° 7'55	4♎ 0	9°17	13°51	0♐27	15°57	17°52	20° 5	3°28	27° 9	26°34	27°53	16°11	3°35	T 29
W30	3 2 14	14° 8'28	18°20	10°53	15° 6	1°11	16° 9	17°57	20° 6	3°30	27° 8	26°27	27°50	16°18	3°35	W30
T 31	3 6 11	15♏ 9'02	3♏ 2	12♏29	16♎20	1♐55	16♐22	18♍ 2	20♒ 6	3♑32	27♓ 8	26♊21	27♊47	16♊25	3♓34	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	5s58	6n10	5n 1	2n44	1n40	9n 3	1n 8	15s12	0s15	21s49	0n18	7n39	1n52	15s30	0s45	22s36	0n54	16s35	17s 5	23n31	23n31	21n 1	4s57	5n26
W 2	6 21	0 26	4 56	2 28	1 47	8 38	1 11	15 26	0 16	21 50	0 18	7 37	1 52	15 30	0 45	22 36	0 54	16 35	17 5	23 31	23 31	21 3	4 58	5 26
T 3	6 44	5s27	4 31	2 8	1 53	8 12	1 13	15 39	0 16	21 52	0 18	7 34	1 53	15 30	0 45	22 36	0 54	16 36	17 5	23 31	23 31	21 4	4 59	5 26
F 4	7 7	11 6	3 48	1 45	1 58	7 46	1 15	15 53	0 17	21 54	0 18	7 32	1 53	15 31	0 45	22 36	0 54	16 36	17 5	23 31	23 31	21 6	5 0	5 25
S 5	7 30	16 9	2 50	1 18	2 1	7 20	1 17	16 7	0 18	21 55	0 17	7 29	1 53	15 31	0 45	22 36	0 54	16 36	17 5	23 31	23 31	21 8	5 1	5 25
S 6	7 52	20 12	1 40	0 48	2 3	6 54	1 19	16 20	0 18	21 57	0 17	7 27	1 53	15 31	0 45	22 36	0 54	16 36	17 5	23 31	23 31	21 9	5 1	5 25
M 7	8 15	22 56	0 25	0 16	2 4	6 27	1 21	16 34	0 19	21 59	0 17	7 24	1 53	15 31	0 45	22 36	0 54	16 37	17 5	23 31	23 31	21 11	5 2	5 24
T 8	8 37	24 9	0s51	0s18	2 4	6 0	1 23	16 47	0 20	22 0	0 17	7 22	1 53	15 32	0 45	22 36	0 54	16 37	17 4	23 31	23 31	21 13	5 3	5 24
W 9	9 0	23 48	2 2	0 54	2 4	5 33	1 25	17 0	0 20	22 2	0 17	7 20	1 54	15 32	0 45	22 36	0 54	16 37	17 4	23 31	23 31	21 14	5 4	5 24
T 10	9 22	21 59	3 5	1 31	2 2	5 6	1 27	17 13	0 21	22 3	0 17	7 17	1 54	15 32	0 45	22 36	0 54	16 38	17 4	23 31	23 31	21 16	5 5	5 24
F 11	9 44	18 58	3 57	2 10	2 0	4 38	1 28	17 26	0 21	22 5	0 17	7 15	1 54	15 32	0 45	22 36	0 54	16 38	17 4	23 31	23 31	21 17	5 6	5 23
S 12	10 6	15 0	4 34	2 49	1 58	4 11	1 30	17 38	0 22	22 7	0 16	7 13	1 54	15 32	0 45	22 36	0 54	16 38	17 4	23 31	23 31	21 19	5 7	5 23
S 13	10 28	10 23	4 57	3 29	1 54	3 43	1 31	17 51	0 23	22 8	0 16	7 10	1 54	15 32	0 45	22 36	0 54	16 38	17 4	23 30	23 31	21 21	5 7	5 23
M14	10 49	5 23	5 4	4 10	1 51	3 15	1 33	18 3	0 23	22 10	0 16	7 8	1 54	15 33	0 45	22 36	0 54	16 39	17 3	23 30	23 31	21 22	5 8	5 22
T 15	11 11	0 13	4 56	4 52	1 46	2 47	1 34	18 15	0 24	22 11	0 16	7 6	1 55	15 33	0 45	22 36	0 54	16 39	17 3	23 30	23 31	21 24	5 9	5 22
W16	11 32	4n52	4 34	5 33	1 42	2 19	1 35	18 28	0 24	22 13	0 16	7 4	1 55	15 33	0 45	22 36	0 53	16 39	17 3	23 30	23 31	21 26	5 10	5 22
T 17	11 53	9 42	3 59	6 15	1 37	1 51	1 36	18 40	0 25	22 15	0 16	7 1	1 55	15 33	0 45	22 36	0 53	16 39	17 3	23 30	23 31	21 27	5 10	5 21
F 18	12 14	14 6	3 14	6 57	1 32	1 22	1 37	18 51	0 26	22 16	0 16	6 59	1 55	15 33	0 45	22 36	0 53	16 39	17 3	23 29	23 31	21 29	5 11	5 21
S 19	12 35	17 54	2 20	7 39	1 26	0 54	1 38	19 3	0 26	22 18	0 16	6 57	1 55	15 33	0 45	22 36	0 53	16 40	17 2	23 29	23 31	21 30	5 12	5 21
S 20	12 55	20 56	1 21	8 20	1 20	0 25	1 39	19 15	0 27	22 19	0 15	6 55	1 55	15 33	0 45	22 36	0 53	16 40	17 2	23 29	23 31	21 32	5 12	5 20
M21	13 16	23 4	0 18	9 2	1 14	0s 4	1 40	19 26	0 27	22 21	0 15	6 53	1 56	15 33	0 45	22 36	0 53	16 40	17 2	23 29	23 31	21 34	5 13	5 20
T 22	13 36	24 11	0n45	9 43	1 8	0 32	1 41	19 37	0 28	22 22	0 15	6 51	1 56	15 33	0 45	22 36	0 53	16 40	17 2	23 29	23 31	21 35	5 14	5 20
W23	13 56	24 13	1 47	10 24	1 2	1 1	1 41	19 48	0 28	22 24	0 15	6 49	1 56	15 33	0 45	22 36	0 53	16 40	17 1	23 29	23 31	21 37	5 14	5 19
T 24	14 15	23 7	2 45	11 4	0 55	1 30	1 42	19 59	0 29	22 25	0 15	6 47	1 56	15 33	0 44	22 36	0 53	16 40	17 1	23 29	23 31	21 38	5 15	5 19
F 25	14 35	20 56	3 37	11 44	0 49	1 59	1 42	20 9	0 30	22 27	0 15	6 45	1 56	15 33	0 44	22 36	0 53	16 40	17 1	23 29	23 31	21 40	5 16	5 19
S 26	14 54	17 43	4 20	12 23	0 42	2 27	1 43	20 20	0 30	22 28	0 15	6 43	1 57	15 33	0 44	22 36	0 53	16 41	17 1	23 29	23 31	21 41	5 16	5 18
S 27	15 13	13 34	4 51	13 2	0 36	2 56	1 43	20 30	0 31	22 30	0 15	6 41	1 57	15 33	0 44	22 36	0 53	16 41	17 0	23 29	23 31	21 43	5 17	5 18
M28	15 32	8 38	5 7	13 40	0 29	3 25	1 43	20 40	0 31	22 31	0 14	6 39	1 57	15 33	0 44	22 36	0 53	16 41	17 0	23 29	23 31	21 44	5 17	5 18
T 29	15 50	3 6	5 7	14 17	0 22	3 54	1 44	20 50	0 32	22 33	0 14	6 37	1 57	15 32	0 44	22 36	0 53	16 41	17 0	23 29	23 31	21 46	5 18	5 17
W30	16 8	2s47	4 47	14 54	0 15	4 23	1 44	21 0	0 32	22 34	0 14	6 35	1 58	15 32	0 44	22 36	0 53	16 41	17 0	23 29	23 31	21 48	5 18	5 17
T 31	16s26	8s40	4n 9	15s30	0n 9	4s51	1n44	21s10	0s33	22s35	0n14	6n33	1n58	15s32	0s44	22s36	0n53	16s41	16s59	23n29	23n30	21n49	5s19	5n17

Julian Day Number = 2207478.5, Delta T = 09m36s
Ecliptic obliquity = 23°31'35, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°25'11, Lahiri = 14°32'12 Julian Calendar 1 Oct. 1331 == Greg. Calendar 9 Oct. 1331

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ASTRODIENST EPHEMERIS for the year 1331
geocentric

NOVEMBER 1331 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	3 10 7	16♏ 9'38	18♏ 1	14♏ 5	17♎34	2♐40	16♐35	18♍ 7	20♒ 6	3♑33	27°R 7	26°R15	27♊44	16♊31	3°R34	F 1
S 2	3 14 4	17°10'16	3♐ 5	15°40	18°49	3°24	16°48	18°12	20° 7	3°35	27♓ 6	26♊11	27°41	16°38	3♓34	S 2
S 3	3 18 0	18°10'55	18° 8	17°16	20° 3	4° 8	17° 0	18°17	20° 8	3°37	27° 6	26° 9	27°37	16°45	3°33	S 3
M 4	3 21 57	19°11'35	2♑59	18°51	21°18	4°53	17°13	18°22	20° 8	3°38	27° 5	26°D 9	27°34	16°51	3°33	M 4
T 5	3 25 53	20°12'17	17°33	20°26	22°32	5°37	17°26	18°27	20° 9	3°40	27° 4	26°10	27°31	16°58	3°33	T 5
W 6	3 29 50	21°13'00	1♒47	22° 0	23°47	6°22	17°39	18°32	20°10	3°42	27° 4	26°12	27°28	17° 5	3°33	W 6
T 7	3 33 47	22°13'44	15°38	23°35	25° 1	7° 6	17°52	18°36	20°10	3°44	27° 3	26°13	27°25	17°11	3°D33	T 7
F 8	3 37 43	23°14'29	29° 8	25° 9	26°16	7°51	18° 5	18°41	20°11	3°46	27° 2	26°R13	27°22	17°18	3°33	F 8
S 9	3 41 40	24°15'15	12♓18	26°43	27°31	8°36	18°19	18°45	20°12	3°47	27° 2	26°11	27°18	17°25	3°33	S 9
S 10	3 45 36	25°16'02	25°11	28°17	28°45	9°20	18°32	18°50	20°13	3°49	27° 1	26° 8	27°15	17°31	3°33	S 10
M11	3 49 33	26°16'49	7♈49	29°51	29°59	10° 5	18°45	18°54	20°14	3°51	27° 1	26° 4	27°12	17°38	3°34	M11
T 12	3 53 29	27°17'38	20°13	1♐25	1♏15	10°50	18°58	18°58	20°15	3°53	27° 0	25°59	27° 9	17°44	3°34	T 12
W13	3 57 26	28°18'28	2♉28	2°59	2°29	11°35	19°11	19° 2	20°16	3°55	27° 0	25°54	27° 6	17°51	3°34	W13
T 14	4 1 22	29°19'19	14°33	4°33	3°44	12°20	19°25	19° 6	20°17	3°57	26°59	25°49	27° 2	17°58	3°35	T 14
F 15	4 5 19	0♐20'12	26°30	6° 7	4°59	13° 5	19°38	19°10	20°18	3°59	26°59	25°46	26°59	18° 4	3°35	F 15
S 16	4 9 16	1°21'05	8♊23	7°40	6°14	13°50	19°52	19°14	20°19	4° 1	26°59	25°43	26°56	18°11	3°36	S 16
S 17	4 13 12	2°22'00	20°11	9°14	7°29	14°35	20° 5	19°18	20°21	4° 3	26°58	25°D42	26°53	18°18	3°36	S 17
M18	4 17 9	3°22'55	1♋58	10°47	8°44	15°20	20°18	19°22	20°22	4° 5	26°58	25°42	26°50	18°24	3°37	M18
T 19	4 21 5	4°23'52	13°46	12°21	9°59	16° 5	20°32	19°25	20°23	4° 7	26°57	25°43	26°47	18°31	3°37	T 19
W20	4 25 2	5°24'50	25°39	13°55	11°14	16°50	20°46	19°29	20°25	4° 9	26°57	25°45	26°43	18°38	3°38	W20
T 21	4 28 58	6°25'49	7♌39	15°28	12°29	17°36	20°59	19°32	20°26	4°11	26°57	25°46	26°40	18°44	3°39	T 21
F 22	4 32 55	7°26'49	19°52	17° 2	13°44	18°21	21°13	19°35	20°28	4°13	26°56	25°48	26°37	18°51	3°40	F 22
S 23	4 36 51	8°27'51	2♍22	18°35	14°59	19° 6	21°26	19°39	20°29	4°15	26°56	25°48	26°34	18°58	3°41	S 23
S 24	4 40 48	9°28'53	15°13	20° 9	16°14	19°52	21°40	19°42	20°31	4°17	26°56	25°R48	26°31	19° 4	3°42	S 24
M25	4 44 45	10°29'57	28°28	21°42	17°29	20°37	21°54	19°45	20°32	4°19	26°56	25°48	26°28	19°11	3°43	M25
T 26	4 48 41	11°31'01	12♎10	23°16	18°44	21°23	22° 7	19°48	20°34	4°21	26°56	25°46	26°24	19°18	3°44	T 26
W27	4 52 38	12°32'07	26°21	24°49	19°59	22° 8	22°21	19°50	20°36	4°24	26°55	25°45	26°21	19°24	3°45	W27
T 28	4 56 34	13°33'13	10♏57	26°22	21°14	22°54	22°35	19°53	20°38	4°26	26°55	25°43	26°18	19°31	3°46	T 28
F 29	5 0 31	14°34'21	25°54	27°55	22°29	23°40	22°48	19°56	20°39	4°28	26°55	25°42	26°15	19°37	3°48	F 29
S 30	5 4 27	15♐35'29	11♐ 5	29♐27	23♏44	24♐26	23♐ 2	19♍58	20♒41	4♑30	26♓55	25♊41	26♊12	19♊44	3♓49	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	16s44	14s11	3n12	16s 5	0n 2	5s20	1n43	21s19	0s33	22s37	0n14	6n31	1n58	15s32	0s44	22s36	0n53	16s41	16s59	23n28	23n30	21n51	5s19	5n16
S 2	17 1	18 51	2 2	16 40	0s 5	5 48	1 43	21 28	0 34	22 38	0 14	6 30	1 58	15 32	0 44	22 36	0 53	16 41	16 59	23 28	23 30	21 52	5 20	5 16
S 3	17 18	22 16	0 44	17 14	0 11	6 17	1 43	21 37	0 35	22 40	0 14	6 28	1 58	15 32	0 44	22 36	0 53	16 41	16 59	23 28	23 30	21 54	5 20	5 16
M 4	17 35	24 7	0s37	17 47	0 18	6 45	1 43	21 46	0 35	22 41	0 14	6 26	1 59	15 31	0 44	22 36	0 53	16 41	16 58	23 28	23 30	21 55	5 20	5 15
T 5	17 52	24 15	1 54	18 19	0 24	7 13	1 42	21 54	0 36	22 42	0 14	6 24	1 59	15 31	0 44	22 36	0 53	16 41	16 58	23 28	23 30	21 57	5 21	5 15
W 6	18 8	22 48	3 2	18 50	0 31	7 41	1 42	22 3	0 36	22 44	0 13	6 23	1 59	15 31	0 44	22 36	0 53	16 41	16 58	23 28	23 30	21 58	5 21	5 14
T 7	18 24	19 59	3 58	19 20	0 37	8 9	1 41	22 11	0 37	22 45	0 13	6 21	1 59	15 30	0 44	22 36	0 53	16 41	16 57	23 28	23 30	22 0	5 22	5 14
F 8	18 39	16 10	4 39	19 50	0 44	8 37	1 41	22 19	0 37	22 46	0 13	6 20	2 0	15 30	0 44	22 36	0 53	16 41	16 57	23 28	23 30	22 1	5 22	5 14
S 9	18 54	11 39	5 4	20 18	0 50	9 4	1 40	22 26	0 38	22 48	0 13	6 18	2 0	15 30	0 44	22 36	0 53	16 41	16 57	23 28	23 30	22 3	5 22	5 13
S 10	19 9	6 42	5 13	20 46	0 56	9 32	1 39	22 34	0 38	22 49	0 13	6 17	2 0	15 30	0 44	22 36	0 53	16 41	16 56	23 28	23 30	22 4	5 22	5 13
M11	19 23	1 35	5 6	21 12	1 2	9 59	1 38	22 41	0 39	22 50	0 13	6 15	2 0	15 29	0 44	22 36	0 53	16 41	16 56	23 28	23 30	22 6	5 23	5 13
T 12	19 38	3n31	4 46	21 37	1 8	10 26	1 37	22 48	0 39	22 51	0 13	6 14	2 0	15 29	0 44	22 36	0 53	16 41	16 56	23 28	23 30	22 7	5 23	5 12
W13	19 51	8 26	4 12	22 2	1 13	10 52	1 36	22 55	0 40	22 52	0 13	6 12	2 1	15 29	0 44	22 35	0 53	16 40	16 55	23 28	23 30	22 9	5 23	5 12
T 14	20 5	12 57	3 27	22 25	1 19	11 19	1 35	23 1	0 40	22 54	0 13	6 11	2 1	15 28	0 44	22 35	0 53	16 40	16 55	23 28	23 30	22 10	5 23	5 12
F 15	20 18	16 57	2 34	22 47	1 24	11 45	1 34	23 8	0 41	22 55	0 12	6 10	2 1	15 28	0 44	22 35	0 53	16 40	16 55	23 27	23 29	22 12	5 23	5 11
S 16	20 30	20 14	1 34	23 8	1 29	12 11	1 33	23 14	0 41	22 56	0 12	6 8	2 1	15 27	0 44	22 35	0 53	16 40	16 55	23 27	23 29	22 13	5 24	5 11
S 17	20 43	22 39	0 30	23 28	1 34	12 37	1 32	23 19	0 42	22 57	0 12	6 7	2 2	15 27	0 44	22 35	0 53	16 40	16 54	23 27	23 29	22 14	5 24	5 11
M18	20 54	24 5	0n35	23 46	1 39	13 2	1 31	23 25	0 42	22 58	0 12	6 6	2 2	15 26	0 44	22 35	0 52	16 40	16 54	23 27	23 29	22 16	5 24	5 10
T 19	21 6	24 26	1 38	24 4	1 43	13 27	1 29	23 30	0 43	22 59	0 12	6 5	2 2	15 26	0 44	22 35	0 52	16 40	16 54	23 27	23 29	22 17	5 24	5 10
W20	21 17	23 41	2 38	24 20	1 48	13 52	1 28	23 35	0 43	23 0	0 12	6 3	2 2	15 25	0 44	22 35	0 52	16 39	16 53	23 27	23 29	22 19	5 24	5 10
T 21	21 28	21 50	3 32	24 35	1 52	14 16	1 26	23 40	0 44	23 1	0 12	6 2	2 3	15 25	0 44	22 35	0 52	16 39	16 53	23 27	23 29	22 20	5 24	5 9
F 22	21 38	18 58	4 17	24 48	1 55	14 40	1 25	23 45	0 44	23 2	0 12	6 1	2 3	15 24	0 43	22 35	0 52	16 39	16 52	23 28	23 29	22 22	5 24	5 9
S 23	21 48	15 11	4 51	25 0	1 59	15 4	1 23	23 49	0 45	23 3	0 12	6 0	2 3	15 24	0 43	22 35	0 52	16 39	16 52	23 28	23 29	22 23	5 24	5 8
S 24	21 57	10 38	5 12	25 11	2 2	15 27	1 21	23 53	0 45	23 4	0 12	5 59	2 4	15 23	0 43	22 35	0 52	16 39	16 52	23 28	23 29	22 25	5 24	5 8
M25	22 6	5 27	5 17	25 21	2 5	15 50	1 20	23 57	0 46	23 5	0 11	5 58	2 4	15 23	0 43	22 35	0 52	16 38	16 51	23 28	23 29	22 26	5 24	5 8
T 26	22 15	0s10	5 4	25 29	2 7	16 13	1 18	24 1	0 46	23 6	0 11	5 57	2 4	15 22	0 43	22 35	0 52	16 38	16 51	23 27	23 29	22 27	5 24	5 7
W27	22 23	5 58	4 33	25 35	2 10	16 35	1 16	24 4	0 47	23 7	0 11	5 56	2 4	15 22	0 43	22 35	0 52	16 38	16 51	23 27	23 29	22 29	5 24	5 7
T 28	22 31	11 37	3 44	25 40	2 12	16 56	1 14	24 7	0 47	23 8	0 11	5 56	2 5	15 21	0 43	22 35	0 52	16 38	16 50	23 27	23 28	22 30	5 24	5 7
F 29	22 38	16 45	2 38	25 43	2 13	17 17	1 12	24 10	0 47	23 9	0 11	5 55	2 5	15 21	0 43	22 35	0 52	16 37	16 50	23 27	23 28	22 32	5 23	5 6
S 30	22s45	20s52	1n20	25s45	2s14	17s38	1n10	24s12	0s48	23s10	0n11	5n54	2n 5	15s20	0s43	22s35	0n52	16s37	16s50	23n27	23n28	22n33	5s23	5n 6

Julian Day Number = 2207509.5, Delta T = 09m36s
Ecliptic obliquity = 23°31'34, Nutation = - 0°00'19, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°25'15, Lahiri = 14°32'16 Julian Calendar 1 Nov. 1331 == Greg. Calendar 9 Nov. 1331

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ASTRODIENST EPHEMERIS for the year 1331
geocentric

DECEMBER 1331 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	5 8 24	16♐36'38	26♐19	1♑ 0	24♏59	25♐11	23♐16	20♍ 1	20♒43	4♑32	26°R55	25°D41	26♊ 8	19♊51	3♓50	S 1
M 2	5 12 20	17°37'48	11♑28	2°32	26°15	25°57	23°30	20° 3	20°45	4°34	26♓55	25♊41	26° 5	19°57	3°52	M 2
T 3	5 16 17	18°38'57	26°21	4° 3	27°30	26°43	23°44	20° 5	20°47	4°37	26°55	25°41	26° 2	20° 4	3°53	T 3
W 4	5 20 14	19°40'07	10♒52	5°34	28°45	27°29	23°57	20° 7	20°49	4°39	26°D55	25°42	25°59	20°11	3°55	W 4
T 5	5 24 10	20°41'18	24°58	7° 4	0♐ 0	28°15	24°11	20° 9	20°51	4°41	26°55	25°42	25°56	20°17	3°56	T 5
F 6	5 28 7	21°42'28	8♓38	8°33	1°15	29° 1	24°25	20°11	20°53	4°43	26°55	25°43	25°53	20°24	3°58	F 6
S 7	5 32 3	22°43'38	21°52	10° 1	2°30	29°47	24°39	20°13	20°55	4°46	26°55	25°R43	25°49	20°31	4° 0	S 7
S 8	5 36 0	23°44'48	4♈43	11°27	3°46	0♑33	24°53	20°15	20°58	4°48	26°55	25°43	25°46	20°37	4° 2	S 8
M 9	5 39 56	24°45'59	17°14	12°51	5° 1	1°19	25° 7	20°16	21° 0	4°50	26°55	25°43	25°43	20°44	4° 3	M 9
T 10	5 43 53	25°47'09	29°30	14°14	6°16	2° 5	25°20	20°18	21° 2	4°52	26°55	25°D43	25°40	20°51	4° 5	T 10
W11	5 47 49	26°48'19	11♉34	15°34	7°31	2°52	25°34	20°19	21° 4	4°55	26°55	25°43	25°37	20°57	4° 7	W11
T 12	5 51 46	27°49'30	23°29	16°51	8°47	3°38	25°48	20°21	21° 7	4°57	26°56	25°43	25°34	21° 4	4° 9	T 12
F 13	5 55 43	28°50'40	5♊20	18° 5	10° 2	4°24	26° 2	20°22	21° 9	4°59	26°56	25°43	25°30	21°11	4°11	F 13
S 14	5 59 39	29°51'51	17° 7	19°15	11°17	5°10	26°16	20°23	21°12	5° 1	26°56	25°44	25°27	21°17	4°13	S 14
S 15	6 3 36	0♑53'01	28°55	20°20	12°32	5°57	26°30	20°24	21°14	5° 4	26°56	25°R44	25°24	21°24	4°15	S 15
M16	6 7 32	1°54'12	10♋45	21°20	13°48	6°43	26°43	20°25	21°17	5° 6	26°57	25°43	25°21	21°30	4°18	M16
T 17	6 11 29	2°55'22	22°39	22°14	15° 3	7°29	26°57	20°25	21°19	5° 8	26°57	25°43	25°18	21°37	4°20	T 17
W18	6 15 25	3°56'32	4♌40	23° 0	16°18	8°16	27°11	20°26	21°22	5°10	26°57	25°42	25°14	21°44	4°22	W18
T 19	6 19 22	4°57'43	16°49	23°39	17°33	9° 2	27°25	20°26	21°24	5°13	26°58	25°40	25°11	21°50	4°24	T 19
F 20	6 23 19	5°58'53	29° 9	24° 9	18°49	9°49	27°39	20°27	21°27	5°15	26°58	25°39	25° 8	21°57	4°27	F 20
S 21	6 27 15	7° 0'04	11♍42	24°29	20° 4	10°35	27°52	20°27	21°30	5°17	26°58	25°38	25° 5	22° 4	4°29	S 21
S 22	6 31 12	8° 1'14	24°32	24°R39	21°19	11°22	28° 6	20°27	21°32	5°20	26°59	25°37	25° 2	22°10	4°32	S 22
M23	6 35 8	9° 2'25	7♎42	24°38	22°34	12° 9	28°20	20°R27	21°35	5°22	26°59	25°D36	24°59	22°17	4°34	M23
T 24	6 39 5	10° 3'35	21°14	24°25	23°50	12°55	28°34	20°27	21°38	5°24	27° 0	25°37	24°55	22°24	4°37	T 24
W25	6 43 1	11° 4'46	5♏ 9	24° 0	25° 5	13°42	28°47	20°27	21°41	5°26	27° 0	25°37	24°52	22°30	4°39	W25
T 26	6 46 58	12° 5'56	19°27	23°23	26°20	14°29	29° 1	20°27	21°43	5°29	27° 1	25°39	24°49	22°37	4°42	T 26
F 27	6 50 54	13° 7'07	4♐ 7	22°36	27°36	15°16	29°15	20°26	21°46	5°31	27° 1	25°40	24°46	22°44	4°44	F 27
S 28	6 54 51	14° 8'17	19° 4	21°38	28°51	16° 2	29°28	20°26	21°49	5°33	27° 2	25°R41	24°43	22°50	4°47	S 28
S 29	6 58 48	15° 9'27	4♑11	20°32	0♑ 6	16°49	29°42	20°25	21°52	5°35	27° 2	25°41	24°40	22°57	4°50	S 29
M30	7 2 44	16°10'37	19°19	19°20	1°21	17°36	29°56	20°25	21°55	5°38	27° 3	25°39	24°36	23° 3	4°53	M30
T 31	7 6 41	17♑11'45	4♒18	18♑ 4	2♑37	18♑23	0♑ 9	20♍24	21♒58	5♑40	27♓ 4	25♊37	24♊33	23♊10	4♓56	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	22s51	23s32	0s 4	25s46	2s14	17s59	1n 8	24s15	0s48	23s10	0n11	5n53	2n 5	15s19	0s43	22s35	0n52	16s37	16s49	23n27	23n28	22n34	5s23	5n 6	
M 2	22 57	24 28	1 27	25 45	2 15	18 18	1 6	24 17	0 49	23 11	0 11	5 53	2 6	15 19	0 43	22 35	0 52	16 36	16 49	23 27	23 28	22 36	5 23	5 5	
T 3	23 2	23 37	2 42	25 42	2 14	18 38	1 4	24 18	0 49	23 12	0 11	5 52	2 6	15 18	0 43	22 35	0 52	16 36	16 49	23 27	23 28	22 37	5 23	5 5	
W 4	23 7	21 11	3 46	25 38	2 13	18 56	1 2	24 20	0 50	23 13	0 11	5 52	2 6	15 17	0 43	22 35	0 52	16 36	16 48	23 27	23 28	22 38	5 22	5 5	
T 5	23 12	17 32	4 34	25 32	2 12	19 15	1 0	24 21	0 50	23 13	0 10	5 51	2 7	15 17	0 43	22 34	0 52	16 35	16 48	23 27	23 28	22 40	5 22	5 4	
F 6	23 16	13 3	5 4	25 24	2 9	19 32	0 58	24 22	0 50	23 14	0 10	5 50	2 7	15 16	0 43	22 34	0 52	16 35	16 47	23 27	23 28	22 41	5 22	5 4	
S 7	23 20	8 6	5 17	25 15	2 7	19 50	0 56	24 22	0 51	23 15	0 10	5 50	2 7	15 15	0 43	22 34	0 52	16 35	16 47	23 27	23 28	22 43	5 22	5 4	
S 8	23 23	2 55	5 14	25 4	2 3	20 6	0 53	24 23	0 51	23 15	0 10	5 50	2 7	15 14	0 43	22 34	0 52	16 34	16 47	23 27	23 27	22 44	5 21	5 3	
M 9	23 25	2n14	4 56	24 52	1 59	20 22	0 51	24 23	0 52	23 16	0 10	5 49	2 8	15 14	0 43	22 34	0 52	16 34	16 46	23 27	23 27	22 45	5 21	5 3	
T 10	23 28	7 12	4 25	24 39	1 54	20 38	0 49	24 23	0 52	23 17	0 10	5 49	2 8	15 13	0 43	22 34	0 52	16 34	16 46	23 27	23 27	22 47	5 21	5 3	
W11	23 29	11 50	3 42	24 24	1 48	20 53	0 46	24 22	0 52	23 17	0 10	5 49	2 8	15 12	0 43	22 34	0 52	16 33	16 46	23 27	23 27	22 48	5 20	5 2	
T 12	23 30	15 58	2 50	24 8	1 41	21 7	0 44	24 21	0 53	23 18	0 10	5 48	2 8	15 11	0 43	22 34	0 52	16 33	16 45	23 27	23 27	22 49	5 20	5 2	
F 13	23 31	19 27	1 51	23 50	1 33	21 21	0 42	24 20	0 53	23 18	0 10	5 48	2 9	15 11	0 43	22 34	0 52	16 32	16 45	23 27	23 27	22 51	5 19	5 2	
S 14	23 32	22 7	0 48	23 32	1 24	21 34	0 39	24 19	0 54	23 19	0 10	5 48	2 9	15 10	0 43	22 34	0 52	16 32	16 45	23 27	23 27	22 52	5 19	5 1	
S 15	23 31	23 49	0n18	23 12	1 14	21 46	0 37	24 17	0 54	23 19	0 9	5 48	2 9	15 9	0 43	22 34	0 52	16 32	16 44	23 27	23 27	22 53	5 18	5 1	
M16	23 31	24 28	1 23	22 52	1 3	21 58	0 34	24 16	0 54	23 20	0 9	5 48	2 10	15 8	0 43	22 34	0 52	16 31	16 44	23 27	23 27	22 54	5 18	5 1	
T 17	23 30	23 59	2 24	22 32	0 51	22 9	0 32	24 13	0 55	23 20	0 9	5 48	2 10	15 7	0 43	22 34	0 52	16 31	16 44	23 27	23 27	22 56	5 17	5 1	
W18	23 28	22 24	3 20	22 11	0 38	22 20	0 30	24 11	0 55	23 21	0 9	5 48	2 10	15 6	0 43	22 34	0 52	16 30	16 43	23 27	23 26	22 57	5 17	5 0	
T 19	23 26	19 47	4 7	21 50	0 24	22 30	0 27	24 8	0 55	23 21	0 9	5 48	2 10	15 6	0 43	22 33	0 52	16 30	16 43	23 27	23 26	22 58	5 16	5 0	
F 20	23 23	16 15	4 44	21 30	0 9	22 39	0 25	24 5	0 56	23 21	0 9	5 48	2 11	15 5	0 43	22 33	0 52	16 29	16 42	23 27	23 26	23 0	5 16	5 0	
S 21	23 20	11 56	5 8	21 10	0n 8	22 47	0 22	24 2	0 56	23 22	0 9	5 48	2 11	15 4	0 43	22 33	0 52	16 29	16 42	23 27	23 26	23 1	5 15	4 59	
S 22	23 17	7 1	5 17	20 51	0 25	22 55	0 19	23 58	0 56	23 22	0 9	5 48	2 11	15 3	0 43	22 33	0 52	16 28	16 42	23 27	23 26	23 2	5 14	4 59	
M23	23 13	1 41	5 10	20 34	0 44	23 2	0 17	23 55	0 57	23 22	0 9	5 49	2 12	15 2	0 43	22 33	0 52	16 28	16 41	23 27	23 26	23 4	5 14	4 59	
T 24	23 9	3s53	4 46	20 18	1 2	23 8	0 14	23 51	0 57	23 22	0 9	5 49	2 12	15 1	0 43	22 33	0 52	16 27	16 41	23 27	23 26	23 5	5 13	4 59	
W25	23 4	9 26	4 5	20 3	1 21	23 14	0 12	23 46	0 57	23 23	0 9	5 49	2 12	15 0	0 43	22 33	0 52	16 27	16 41	23 27	23 26	23 6	5 13	4 58	
T 26	22 58	14 39	3 7	19 51	1 40	23 19	0 9	23 42	0 58	23 23	0 8	5 50	2 12	14 59	0 43	22 33	0 52	16 26	16 40	23 27	23 25	23 7	5 12	4 58	
F 27	22 53	19 8	1 57	19 40	1 59	23 23	0 7	23 37	0 58	23 23	0 8	5 50	2 13	14 58	0 43	22 33	0 52	16 26	16 40	23 27	23 25	23 9	5 11	4 58	
S 28	22 46	22 28	0 37	19 31	2 17	23 27	0 4	23 31	0 58	23 23	0 8	5 50	2 13	14 57	0 43	22 33	0 52	16 25	16 40	23 27	23 25	23 10	5 10	4 57	
S 29	22 40	24 14	0s47	19 25	2 34	23 30	0 2	23 26	0 59	23 23	0 8	5 51	2 13	14 56	0 43	22 33	0 52	16 25	16 39	23 27	23 25	23 11	5 10	4 57	
M30	22 33	24 13	2 7	19 21	2 49	23 32	0s 1	23 20	0 59	23 24	0 8	5 51	2 14	14 55	0 42	22 33	0 52	16 24	16 39	23 27	23 25	23 12	5 9	4 57	
T 31	22s25	22s27	3s17	19s18	3n 2	23s33	0s 3	23s14	0s59	23s24	0n 8	5n52	2n14	14s54	0s42	22s32	0n52	16s24	16s39	23n27	23n25	23n13	5s 8	4n57	

Julian Day Number = 2207539.5, Delta T = 09m36s
Ecliptic obliquity = 23°31'34, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°25'19, Lahiri = 14°32'20 Julian Calendar 1 Dec. 1331 == Greg. Calendar 9 Dec. 1331

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ASTRODIENST EPHEMERIS for the year 1332
geocentric

JANUARY 1332 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	7 10 37	18♑12'54	19♒ 0	16°R46	3♑52	19♑10	0♑23	20°R23	22♒ 1	5♑42	27♓ 4	25°R34	24♊30	23♊17	4♓58	W 1
T 2	7 14 34	19°14'01	3♓19	15♑28	5° 7	19°57	0°36	20♍22	22° 4	5°44	27° 5	25♊31	24°27	23°23	5° 1	T 2
F 3	7 18 30	20°15'07	17°10	14°13	6°23	20°44	0°50	20°21	22° 7	5°47	27° 6	25°27	24°24	23°30	5° 4	F 3
S 4	7 22 27	21°16'12	0♈34	13° 4	7°38	21°31	1° 3	20°20	22°10	5°49	27° 6	25°25	24°20	23°37	5° 7	S 4
S 5	7 26 23	22°17'17	13°30	12° 1	8°53	22°18	1°17	20°18	22°13	5°51	27° 7	25°23	24°17	23°43	5°10	S 5
M 6	7 30 20	23°18'20	26° 4	11° 5	10° 8	23° 5	1°30	20°17	22°16	5°53	27° 8	25°D23	24°14	23°50	5°13	M 6
T 7	7 34 17	24°19'22	8♉18	10°18	11°24	23°52	1°43	20°15	22°20	5°55	27° 8	25°24	24°11	23°57	5°16	T 7
W 8	7 38 13	25°20'23	20°19	9°40	12°39	24°39	1°57	20°14	22°23	5°58	27° 9	25°25	24° 8	24° 3	5°19	W 8
T 9	7 42 10	26°21'23	2♊10	9°11	13°54	25°26	2°10	20°12	22°26	6° 0	27°10	25°27	24° 5	24°10	5°23	T 9
F 10	7 46 6	27°22'22	13°57	8°51	15° 9	26°13	2°23	20°10	22°29	6° 2	27°11	25°29	24° 1	24°17	5°26	F 10
S 11	7 50 3	28°23'20	25°44	8°40	16°25	27° 0	2°36	20° 8	22°32	6° 4	27°12	25°R29	23°58	24°23	5°29	S 11
S 12	7 53 59	29°24'16	7♋33	8°D37	17°40	27°47	2°50	20° 6	22°36	6° 6	27°13	25°28	23°55	24°30	5°32	S 12
M13	7 57 56	0♒25'12	19°29	8°42	18°55	28°34	3° 3	20° 4	22°39	6° 8	27°13	25°26	23°52	24°37	5°35	M13
T 14	8 1 52	1°26'06	1♌33	8°54	20°10	29°21	3°16	20° 2	22°42	6°10	27°14	25°22	23°49	24°43	5°39	T 14
W15	8 5 49	2°27'00	13°46	9°12	21°25	0♒ 9	3°29	19°59	22°45	6°13	27°15	25°16	23°46	24°50	5°42	W15
T 16	8 9 46	3°27'52	26°10	9°37	22°41	0°56	3°42	19°57	22°49	6°15	27°16	25° 9	23°42	24°56	5°45	T 16
F 17	8 13 42	4°28'43	8♍45	10° 7	23°56	1°43	3°55	19°54	22°52	6°17	27°17	25° 1	23°39	25° 3	5°49	F 17
S 18	8 17 39	5°29'33	21°33	10°43	25°11	2°30	4° 7	19°52	22°55	6°19	27°18	24°54	23°36	25°10	5°52	S 18
S 19	8 21 35	6°30'22	4♎33	11°23	26°26	3°17	4°20	19°49	22°59	6°21	27°19	24°49	23°33	25°16	5°56	S 19
M20	8 25 32	7°31'10	17°48	12° 7	27°41	4° 5	4°33	19°46	23° 2	6°23	27°20	24°45	23°30	25°23	5°59	M20
T 21	8 29 28	8°31'57	1♏17	12°56	28°56	4°52	4°46	19°43	23° 5	6°25	27°21	24°43	23°26	25°30	6° 3	T 21
W22	8 33 25	9°32'43	15° 3	13°48	0♒12	5°39	4°58	19°40	23° 9	6°27	27°22	24°D43	23°23	25°36	6° 6	W22
T 23	8 37 21	10°33'28	29° 6	14°43	1°27	6°26	5°11	19°37	23°12	6°29	27°23	24°44	23°20	25°43	6°10	T 23
F 24	8 41 18	11°34'12	13♐24	15°41	2°42	7°14	5°23	19°34	23°16	6°31	27°24	24°45	23°17	25°50	6°13	F 24
S 25	8 45 15	12°34'55	27°58	16°42	3°57	8° 1	5°36	19°31	23°19	6°33	27°25	24°R45	23°14	25°56	6°17	S 25
S 26	8 49 11	13°35'37	12♑42	17°46	5°12	8°48	5°48	19°28	23°22	6°35	27°27	24°44	23°11	26° 3	6°20	S 26
M27	8 53 8	14°36'18	27°31	18°52	6°27	9°36	6° 1	19°24	23°26	6°36	27°28	24°40	23° 7	26°10	6°24	M27
T 28	8 57 4	15°36'57	12♒17	20° 0	7°43	10°23	6°13	19°21	23°29	6°38	27°29	24°34	23° 4	26°16	6°28	T 28
W29	9 1 1	16°37'34	26°53	21°10	8°58	11°10	6°25	19°17	23°33	6°40	27°30	24°26	23° 1	26°23	6°31	W29
T 30	9 4 57	17°38'10	11♓10	22°22	10°13	11°58	6°37	19°14	23°36	6°42	27°31	24°17	22°58	26°29	6°35	T 30
F 31	9 8 54	18♒38'44	25♓ 5	23♑36	11♒28	12♒45	6♑49	19♍10	23♒40	6♑44	27♓32	24♊ 8	22♊55	26♊36	6♓39	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	22s17	19s11	4s13	19s17	3n13	23s34	0s 6	23s 8	0s59	23s24	0n 8	5n53	2n14	14s53	0s42	22s32	0n52	16s23	16s38	23n27	23n25	23n15	5s 7	4n56	
T 2	22 8	14 51	4 52	19 18	3 21	23 34	0 8	23 1	1 0	23 24	0 8	5 53	2 14	14 52	0 42	22 32	0 52	16 22	16 38	23 27	23 25	23 16	5 6	4 56	
F 3	22 0	9 52	5 12	19 20	3 27	23 33	0 11	22 55	1 0	23 24	0 8	5 54	2 15	14 51	0 42	22 32	0 52	16 22	16 38	23 27	23 24	23 17	5 6	4 56	
S 4	21 50	4 34	5 14	19 24	3 30	23 31	0 13	22 48	1 0	23 24	0 8	5 55	2 15	14 50	0 42	22 32	0 52	16 21	16 37	23 27	23 24	23 18	5 5	4 56	
S 5	21 41	0n45	4 59	19 29	3 31	23 29	0 15	22 40	1 1	23 24	0 8	5 55	2 15	14 49	0 42	22 32	0 52	16 21	16 37	23 27	23 24	23 20	5 4	4 55	
M 6	21 30	5 53	4 31	19 35	3 30	23 26	0 18	22 33	1 1	23 24	0 7	5 56	2 15	14 48	0 42	22 32	0 52	16 20	16 37	23 27	23 24	23 21	5 3	4 55	
T 7	21 20	10 41	3 51	19 42	3 26	23 22	0 20	22 25	1 1	23 24	0 7	5 57	2 16	14 47	0 42	22 32	0 52	16 20	16 36	23 27	23 24	23 22	5 2	4 55	
W 8	21 9	14 59	3 1	19 49	3 22	23 18	0 23	22 17	1 1	23 23	0 7	5 58	2 16	14 46	0 42	22 32	0 52	16 19	16 36	23 27	23 24	23 23	5 1	4 55	
T 9	20 57	18 38	2 5	19 58	3 15	23 13	0 25	22 8	1 1	23 23	0 7	5 59	2 16	14 45	0 42	22 32	0 52	16 18	16 36	23 27	23 24	23 24	5 0	4 55	
F 10	20 46	21 31	1 3	20 7	3 8	23 7	0 27	22 0	1 2	23 23	0 7	6 0	2 17	14 44	0 42	22 32	0 52	16 18	16 35	23 27	23 23	23 25	4 59	4 54	
S 11	20 34	23 29	0n 1	20 16	2 59	23 0	0 30	21 51	1 2	23 23	0 7	6 1	2 17	14 43	0 42	22 31	0 52	16 17	16 35	23 27	23 23	23 27	4 58	4 54	
S 12	20 21	24 24	1 6	20 25	2 50	22 53	0 32	21 42	1 2	23 23	0 7	6 2	2 17	14 42	0 42	22 31	0 52	16 17	16 35	23 27	23 23	23 28	4 57	4 54	
M13	20 8	24 12	2 7	20 35	2 40	22 45	0 34	21 32	1 2	23 23	0 7	6 3	2 17	14 41	0 42	22 31	0 52	16 16	16 35	23 27	23 23	23 29	4 56	4 54	
T 14	19 55	22 53	3 4	20 44	2 30	22 36	0 36	21 23	1 3	23 22	0 7	6 4	2 18	14 40	0 42	22 31	0 52	16 15	16 34	23 27	23 23	23 30	4 55	4 53	
W15	19 41	20 28	3 53	20 54	2 19	22 27	0 39	21 13	1 3	23 22	0 7	6 5	2 18	14 39	0 42	22 31	0 52	16 15	16 34	23 26	23 23	23 31	4 54	4 53	
T 16	19 27	17 6	4 32	21 3	2 8	22 17	0 41	21 3	1 3	23 22	0 7	6 7	2 18	14 38	0 42	22 31	0 52	16 14	16 34	23 26	23 23	23 32	4 53	4 53	
F 17	19 13	12 55	4 58	21 12	1 57	22 6	0 43	20 52	1 3	23 22	0 6	6 8	2 18	14 37	0 42	22 31	0 52	16 13	16 33	23 26	23 22	23 34	4 52	4 53	
S 18	18 58	8 6	5 9	21 20	1 46	21 55	0 45	20 42	1 3	23 21	0 6	6 9	2 19	14 35	0 42	22 31	0 52	16 13	16 33	23 26	23 22	23 35	4 51	4 53	
S 19	18 43	2 51	5 5	21 28	1 35	21 43	0 47	20 31	1 3	23 21	0 6	6 10	2 19	14 34	0 42	22 31	0 52	16 12	16 33	23 25	23 22	23 36	4 50	4 53	
M20	18 27	2s37	4 45	21 35	1 24	21 30	0 49	20 20	1 4	23 21	0 6	6 12	2 19	14 33	0 42	22 31	0 52	16 11	16 33	23 25	23 22	23 37	4 49	4 52	
T 21	18 12	8 4	4 9	21 41	1 13	21 16	0 51	20 9	1 4	23 20	0 6	6 13	2 19	14 32	0 42	22 30	0 52	16 11	16 32	23 25	23 22	23 38	4 48	4 52	
W22	17 56	13 15	3 18	21 46	1 2	21 2	0 53	19 57	1 4	23 20	0 6	6 14	2 19	14 31	0 42	22 30	0 52	16 10	16 32	23 25	23 22	23 39	4 47	4 52	
T 23	17 39	17 51	2 14	21 51	0 52	20 48	0 55	19 46	1 4	23 20	0 6	6 16	2 20	14 30	0 42	22 30	0 52	16 9	16 32	23 25	23 21	23 40	4 46	4 52	
F 24	17 23	21 29	1 1	21 55	0 42	20 33	0 56	19 34	1 4	23 19	0 6	6 17	2 20	14 29	0 42	22 30	0 52	16 9	16 31	23 25	23 21	23 41	4 45	4 52	
S 25	17 6	23 48	0s17	21 57	0 31	20 17	0 58	19 22	1 4	23 19	0 6	6 19	2 20	14 28	0 42	22 30	0 52	16 8	16 31	23 25	23 21	23 42	4 43	4 51	
S 26	16 48	24 30	1 35	21 59	0 22	20 0	1 0	19 9	1 4	23 18	0 6	6 20	2 20	14 26	0 42	22 30	0 52	16 7	16 31	23 25	23 21	23 44	4 42	4 51	
M27	16 31	23 28	2 47	22 0	0 12	19 43	1 2	18 57	1 4	23 18	0 6	6 22	2 21	14 25	0 42	22 30	0 52	16 7	16 31	23 25	23 21	23 45	4 41	4 51	
T 28	16 13	20 49	3 47	21 59	0 2	19 26	1 3	18 44	1 5	23 17	0 5	6 23	2 21	14 24	0 42	22 30	0 52	16 6	16 31	23 25	23 21	23 46	4 40	4 51	
W29	15 55	16 51	4 32	21 58	0s 7	19 7	1 5	18 31	1 5	23 17	0 5	6 25	2 21	14 23	0 42	22 30	0 52	16 5	16 30	23 25	23 20	23 47	4 39	4 51	
T 30	15 36	12 0	4 58	21 55	0 16	18 49	1 6	18 18	1 5	23 16	0 5	6 26	2 21	14 22	0 42	22 29	0 52	16 5	16 30	23 24	23 20	23 48	4 37	4 51	
F 31	15s18	6s38	5s 6	21s51	0s24	18s29	1s 8	18s 5	1s 5	23s16	0n 5	6n28	2n21	14s21	0s42	22s29	0n52	16s 4	16s30	23n24	23n20	23n49	4s36	4n51	

Julian Day Number = 2207570.5, Delta T = 09m36s
Ecliptic obliquity = 23°31'34, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°25'24, Lahiri = 14°32'24 Julian Calendar 1 Jan. 1332 == Greg. Calendar 9 Jan. 1332

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ASTRODIENST EPHEMERIS for the year 1332
geocentric

FEBRUARY 1332 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	9 12 50	19♒39'17	8♈33	24♑51	12♒43	13♒32	7♑ 1	19°R 6	23♒43	6♑46	27♓34	24°R 0	22♊52	26♊43	6♓42	S 1
S 2	9 16 47	20°39'47	21°35	26° 8	13°58	14°20	7°13	19♍ 2	23°47	6°47	27°35	23♊54	22°48	26°49	6°46	S 2
M 3	9 20 44	21°40'16	4♉13	27°27	15°13	15° 7	7°25	18°58	23°50	6°49	27°36	23°50	22°45	26°56	6°50	M 3
T 4	9 24 40	22°40'43	16°31	28°47	16°28	15°54	7°37	18°55	23°53	6°51	27°37	23°48	22°42	27° 3	6°53	T 4
W 5	9 28 37	23°41'08	28°33	0♒ 8	17°43	16°42	7°48	18°51	23°57	6°53	27°39	23°D48	22°39	27° 9	6°57	W 5
T 6	9 32 33	24°41'31	10♊24	1°31	18°58	17°29	8° 0	18°46	24° 0	6°54	27°40	23°49	22°36	27°16	7° 1	T 6
F 7	9 36 30	25°41'52	22°11	2°55	20°13	18°16	8°12	18°42	24° 4	6°56	27°41	23°R50	22°32	27°23	7° 5	F 7
S 8	9 40 26	26°42'11	3♋59	4°20	21°28	19° 4	8°23	18°38	24° 7	6°58	27°42	23°49	22°29	27°29	7° 8	S 8
S 9	9 44 23	27°42'28	15°52	5°46	22°43	19°51	8°34	18°34	24°11	6°59	27°44	23°47	22°26	27°36	7°12	S 9
M10	9 48 19	28°42'43	27°53	7°14	23°58	20°38	8°46	18°30	24°14	7° 1	27°45	23°41	22°23	27°43	7°16	M10
T 11	9 52 16	29°42'56	10♌ 7	8°42	25°13	21°26	8°57	18°25	24°18	7° 2	27°46	23°34	22°20	27°49	7°20	T 11
W12	9 56 13	0♓43'07	22°34	10°12	26°28	22°13	9° 8	18°21	24°21	7° 4	27°48	23°24	22°17	27°56	7°24	W12
T 13	10 0 9	1°43'17	5♍16	11°43	27°43	23° 0	9°19	18°17	24°25	7° 5	27°49	23°12	22°13	28° 3	7°27	T 13
F 14	10 4 6	2°43'24	18°12	13°15	28°58	23°48	9°30	18°12	24°28	7° 7	27°50	22°59	22°10	28° 9	7°31	F 14
S 15	10 8 2	3°43'30	1♎21	14°48	0♓13	24°35	9°40	18° 8	24°31	7° 8	27°52	22°47	22° 7	28°16	7°35	S 15
S 16	10 11 59	4°43'34	14°42	16°23	1°28	25°22	9°51	18° 3	24°35	7°10	27°53	22°37	22° 4	28°22	7°39	S 16
M17	10 15 55	5°43'36	28°14	17°58	2°42	26°10	10° 2	17°59	24°38	7°11	27°54	22°30	22° 1	28°29	7°43	M17
T 18	10 19 52	6°43'36	11♏55	19°34	3°57	26°57	10°12	17°54	24°42	7°13	27°56	22°25	21°58	28°36	7°47	T 18
W19	10 23 48	7°43'35	25°44	21°12	5°12	27°44	10°23	17°49	24°45	7°14	27°57	22°23	21°54	28°42	7°50	W19
T 20	10 27 45	8°43'32	9♐42	22°51	6°27	28°31	10°33	17°45	24°48	7°15	27°59	22°D22	21°51	28°49	7°54	T 20
F 21	10 31 42	9°43'28	23°48	24°31	7°42	29°19	10°43	17°40	24°52	7°17	28° 0	22°R22	21°48	28°56	7°58	F 21
S 22	10 35 38	10°43'22	8♑ 2	26°12	8°57	0♓ 6	10°53	17°36	24°55	7°18	28° 1	22°22	21°45	29° 2	8° 2	S 22
S 23	10 39 35	11°43'15	22°22	27°54	10°11	0°53	11° 3	17°31	24°59	7°19	28° 3	22°19	21°42	29° 9	8° 6	S 23
M24	10 43 31	12°43'05	6♒44	29°37	11°26	1°40	11°13	17°26	25° 2	7°20	28° 4	22°14	21°38	29°16	8° 9	M24
T 25	10 47 28	13°42'54	21° 5	1♓22	12°41	2°27	11°23	17°21	25° 5	7°22	28° 6	22° 5	21°35	29°22	8°13	T 25
W26	10 51 24	14°42'41	5♓19	3° 7	13°56	3°15	11°33	17°17	25° 8	7°23	28° 7	21°54	21°32	29°29	8°17	W26
T 27	10 55 21	15°42'26	19°20	4°54	15°10	4° 2	11°42	17°12	25°12	7°24	28° 9	21°42	21°29	29°36	8°21	T 27
F 28	10 59 17	16°42'08	3♈ 3	6°42	16°25	4°49	11°52	17° 7	25°15	7°25	28°10	21°29	21°26	29°42	8°25	F 28
S 29	11 3 14	17♓41'49	16♈25	8♓32	17♓40	5♓36	12♑ 1	17♍ 3	25♒18	7♑26	28♓11	21♊18	21♊23	29♊49	8♓28	S 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14s59	1s 8	4s57	21s46	0s32	18s10	1s 9	17s51	1s 5	23s15	0n 5	6n30	2n22	14s20	0s42	22s29	0n52	16s 3	16s30	23n23	23n20	23n50	4s35	4n50
S 2	14 39	4n15	4 32	21 40	0 41	17 49	1 11	17 38	1 5	23 15	0 5	6 31	2 22	14 18	0 42	22 29	0 52	16 3	16 29	23 23	23 20	23 51	4 34	4 50
M 3	14 20	9 18	3 54	21 32	0 48	17 29	1 12	17 24	1 5	23 14	0 5	6 33	2 22	14 17	0 42	22 29	0 52	16 2	16 29	23 23	23 20	23 52	4 33	4 50
T 4	14 0	13 52	3 6	21 23	0 56	17 7	1 13	17 10	1 5	23 14	0 5	6 35	2 22	14 16	0 42	22 29	0 52	16 1	16 29	23 23	23 19	23 53	4 31	4 50
W 5	13 40	17 46	2 11	21 13	1 3	16 45	1 14	16 55	1 5	23 13	0 5	6 37	2 22	14 15	0 42	22 29	0 52	16 1	16 29	23 23	23 19	23 54	4 30	4 50
T 6	13 20	20 55	1 11	21 2	1 10	16 23	1 16	16 41	1 5	23 12	0 5	6 38	2 22	14 14	0 42	22 29	0 52	16 0	16 29	23 23	23 19	23 55	4 29	4 50
F 7	13 0	23 9	0 9	20 49	1 16	16 1	1 17	16 26	1 5	23 12	0 4	6 40	2 23	14 13	0 42	22 29	0 52	15 59	16 28	23 23	23 19	23 56	4 27	4 50
S 8	12 39	24 22	0n54	20 35	1 22	15 37	1 18	16 12	1 5	23 11	0 4	6 42	2 23	14 12	0 42	22 29	0 52	15 59	16 28	23 23	23 19	23 57	4 26	4 50
S 9	12 19	24 29	1 55	20 19	1 28	15 14	1 19	15 57	1 5	23 11	0 4	6 44	2 23	14 10	0 42	22 29	0 52	15 58	16 28	23 23	23 19	23 58	4 25	4 50
M10	11 58	23 27	2 51	20 2	1 34	14 50	1 20	15 42	1 5	23 10	0 4	6 46	2 23	14 9	0 42	22 28	0 52	15 57	16 28	23 23	23 18	23 59	4 24	4 50
T 11	11 37	21 19	3 40	19 44	1 39	14 25	1 20	15 26	1 5	23 9	0 4	6 47	2 23	14 8	0 42	22 28	0 52	15 57	16 28	23 22	23 18	24 0	4 22	4 49
W12	11 15	18 8	4 20	19 25	1 43	14 1	1 21	15 11	1 5	23 9	0 4	6 49	2 23	14 7	0 42	22 28	0 52	15 56	16 28	23 22	23 18	24 1	4 21	4 49
T 13	10 54	14 4	4 48	19 4	1 48	13 36	1 22	14 56	1 5	23 8	0 4	6 51	2 23	14 6	0 42	22 28	0 52	15 55	16 27	23 21	23 18	24 2	4 20	4 49
F 14	10 32	9 17	5 1	18 41	1 52	13 10	1 23	14 40	1 5	23 7	0 4	6 53	2 24	14 5	0 42	22 28	0 52	15 55	16 27	23 20	23 18	24 3	4 18	4 49
S 15	10 11	4 1	4 59	18 18	1 56	12 44	1 23	14 24	1 5	23 7	0 4	6 55	2 24	14 4	0 42	22 28	0 52	15 54	16 27	23 20	23 17	24 4	4 17	4 49
S 16	9 49	1s31	4 40	17 53	1 59	12 18	1 24	14 8	1 5	23 6	0 4	6 57	2 24	14 2	0 42	22 28	0 52	15 53	16 27	23 19	23 17	24 5	4 16	4 49
M17	9 27	7 3	4 6	17 26	2 2	11 51	1 24	13 52	1 5	23 5	0 4	6 59	2 24	14 1	0 42	22 28	0 52	15 53	16 27	23 19	23 17	24 6	4 14	4 49
T 18	9 4	12 20	3 17	16 58	2 4	11 24	1 25	13 36	1 5	23 5	0 3	7 0	2 24	14 0	0 42	22 28	0 52	15 52	16 27	23 19	23 17	24 7	4 13	4 49
W19	8 42	17 3	2 16	16 29	2 7	10 57	1 25	13 19	1 5	23 4	0 3	7 2	2 24	13 59	0 42	22 28	0 52	15 51	16 27	23 18	23 17	24 8	4 11	4 49
T 20	8 20	20 53	1 7	15 58	2 8	10 30	1 25	13 3	1 5	23 3	0 3	7 4	2 24	13 58	0 42	22 27	0 52	15 51	16 26	23 18	23 16	24 9	4 10	4 49
F 21	7 57	23 30	0s 8	15 26	2 10	10 2	1 26	12 46	1 5	23 2	0 3	7 6	2 24	13 57	0 42	22 27	0 52	15 50	16 26	23 18	23 16	24 10	4 9	4 49
S 22	7 34	24 39	1 22	14 53	2 11	9 34	1 26	12 29	1 5	23 2	0 3	7 8	2 25	13 56	0 42	22 27	0 52	15 49	16 26	23 18	23 16	24 11	4 7	4 49
S 23	7 12	24 9	2 32	14 18	2 11	9 6	1 26	12 13	1 5	23 1	0 3	7 10	2 25	13 54	0 42	22 27	0 52	15 49	16 26	23 18	23 16	24 12	4 6	4 49
M24	6 49	22 4	3 32	13 41	2 11	8 37	1 26	11 56	1 5	23 0	0 3	7 12	2 25	13 53	0 42	22 27	0 52	15 48	16 26	23 18	23 16	24 13	4 5	4 49
T 25	6 26	18 36	4 18	13 4	2 11	8 9	1 26	11 38	1 5	23 0	0 3	7 14	2 25	13 52	0 42	22 27	0 52	15 47	16 26	23 17	23 16	24 13	4 3	4 49
W26	6 3	14 4	4 48	12 25	2 10	7 40	1 26	11 21	1 5	22 59	0 3	7 16	2 25	13 51	0 42	22 27	0 52	15 47	16 26	23 17	23 15	24 14	4 2	4 49
T 27	5 39	8 50	5 0	11 44	2 8	7 11	1 26	11 4	1 4	22 58	0 3	7 18	2 25	13 50	0 42	22 27	0 52	15 46	16 26	23 16	23 15	24 15	4 0	4 49
F 28	5 16	3 17	4 54	11 2	2 7	6 41	1 25	10 47	1 4	22 57	0 2	7 20	2 25	13 49	0 42	22 27	0 52	15 45	16 26	23 15	23 15	24 16	3 59	4 49
S 29	4s53	2n17	4s33	10s19	2s 4	6s12	1s25	10s29	1s 4	22s57	0n 2	7n22	2n25	13s48	0s42	22s27	0n52	15s45	16s26	23n14	23n15	24n17	3s58	4n49

Julian Day Number = 2207601.5, Delta T = 09m35s
Ecliptic obliquity = 23°31'35, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°25'28, Lahiri = 14°32'28 Julian Calendar 1 Feb. 1332 == Greg. Calendar 9 Feb. 1332

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ASTRODIENST EPHEMERIS for the year 1332
geocentric

MARCH 1332 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	11 7 11	18♓41'27	29♈25	10♓22	18♓55	6♓23	12♑10	16°R58	25♒22	7♑27	28♓13	21°R 8	21♊19	29♊55	8♓32	S 1
M 2	11 11 7	19°41'04	12♉ 2	12°14	20° 9	7°10	12°19	16♍53	25°25	7°28	28°14	21♊ 1	21°16	0♋ 2	8°36	M 2
T 3	11 15 4	20°40'38	24°21	14° 7	21°24	7°57	12°28	16°48	25°28	7°29	28°16	20°57	21°13	0° 9	8°40	T 3
W 4	11 19 0	21°40'09	6♊24	16° 1	22°39	8°44	12°37	16°44	25°31	7°30	28°17	20°55	21°10	0°15	8°43	W 4
T 5	11 22 57	22°39'39	18°18	17°57	23°53	9°31	12°46	16°39	25°34	7°31	28°19	20°55	21° 7	0°22	8°47	T 5
F 6	11 26 53	23°39'06	0♋ 6	19°53	25° 8	10°18	12°54	16°34	25°38	7°32	28°20	20°55	21° 3	0°29	8°51	F 6
S 7	11 30 50	24°38'31	11°55	21°51	26°22	11° 5	13° 3	16°30	25°41	7°33	28°22	20°54	21° 0	0°35	8°55	S 7
S 8	11 34 46	25°37'53	23°49	23°50	27°37	11°52	13°11	16°25	25°44	7°33	28°23	20°51	20°57	0°42	8°58	S 8
M 9	11 38 43	26°37'13	5♌55	25°50	28°51	12°39	13°19	16°20	25°47	7°34	28°25	20°46	20°54	0°49	9° 2	M 9
T 10	11 42 39	27°36'31	18°16	27°51	0♈ 6	13°26	13°27	16°16	25°50	7°35	28°26	20°38	20°51	0°55	9° 6	T 10
W11	11 46 36	28°35'46	0♍54	29°53	1°20	14°13	13°35	16°11	25°53	7°36	28°28	20°28	20°48	1° 2	9° 9	W11
T 12	11 50 33	29°35'00	13°51	1♈55	2°35	15° 0	13°43	16° 7	25°56	7°36	28°29	20°16	20°44	1° 9	9°13	T 12
F 13	11 54 29	0♈34'11	27° 7	3°58	3°49	15°46	13°50	16° 2	25°59	7°37	28°31	20° 4	20°41	1°15	9°17	F 13
S 14	11 58 26	1°33'19	10♎40	6° 2	5° 4	16°33	13°58	15°58	26° 2	7°38	28°32	19°51	20°38	1°22	9°20	S 14
S 15	12 2 22	2°32'26	24°26	8° 5	6°18	17°20	14° 5	15°53	26° 5	7°38	28°34	19°41	20°35	1°29	9°24	S 15
M16	12 6 19	3°31'31	8♏23	10° 9	7°33	18° 7	14°13	15°49	26° 8	7°39	28°35	19°33	20°32	1°35	9°27	M16
T 17	12 10 15	4°30'34	22°25	12°12	8°47	18°53	14°20	15°44	26°11	7°39	28°36	19°28	20°29	1°42	9°31	T 17
W18	12 14 12	5°29'36	6♐32	14°15	10° 1	19°40	14°26	15°40	26°14	7°40	28°38	19°25	20°25	1°48	9°34	W18
T 19	12 18 8	6°28'35	20°39	16°17	11°16	20°27	14°33	15°36	26°17	7°40	28°39	19°D25	20°22	1°55	9°38	T 19
F 20	12 22 5	7°27'33	4♑47	18°17	12°30	21°13	14°40	15°32	26°19	7°41	28°41	19°R25	20°19	2° 2	9°41	F 20
S 21	12 26 2	8°26'30	18°53	20°16	13°44	22° 0	14°46	15°27	26°22	7°41	28°42	19°25	20°16	2° 8	9°45	S 21
S 22	12 29 58	9°25'24	2♒57	22°13	14°59	22°46	14°53	15°23	26°25	7°41	28°44	19°23	20°13	2°15	9°48	S 22
M23	12 33 55	10°24'17	16°57	24° 7	16°13	23°33	14°59	15°19	26°28	7°42	28°45	19°18	20° 9	2°22	9°52	M23
T 24	12 37 51	11°23'07	0♓52	25°59	17°27	24°19	15° 5	15°15	26°30	7°42	28°47	19°11	20° 6	2°28	9°55	T 24
W25	12 41 48	12°21'56	14°39	27°48	18°42	25° 6	15°11	15°11	26°33	7°42	28°48	19° 2	20° 3	2°35	9°58	W25
T 26	12 45 44	13°20'43	28°14	29°33	19°56	25°52	15°16	15° 7	26°36	7°42	28°50	18°51	20° 0	2°42	10° 2	T 26
F 27	12 49 41	14°19'28	11♈35	1♉15	21°10	26°39	15°22	15° 4	26°38	7°43	28°51	18°40	19°57	2°48	10° 5	F 27
S 28	12 53 37	15°18'11	24°41	2°53	22°24	27°25	15°27	15° 0	26°41	7°43	28°52	18°29	19°54	2°55	10° 8	S 28
S 29	12 57 34	16°16'52	7♉28	4°26	23°38	28°11	15°32	14°56	26°43	7°43	28°54	18°21	19°50	3° 2	10°12	S 29
M30	13 1 31	17°15'31	19°58	5°55	24°52	28°57	15°38	14°53	26°46	7°43	28°55	18°15	19°47	3° 8	10°15	M30
T 31	13 5 27	18♈14'08	2♊13	7♉20	26♈ 7	29♓44	15♑42	14♍49	26♒48	7♑43	28♓57	18♊11	19♊44	3♋15	10♓18	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	4s29	7n37	3s57	9s35	2s 1	5s42	1s25	10s12	1s 4	22s56	0n 2	7n23	2n25	13s47	0s42	22s27	0n52	15s44	16s26	23n14	23n14	24n18	3s56	4n49
M 2	4 6	12 29	3 10	8 49	1 58	5 12	1 24	9 54	1 4	22 55	0 2	7 25	2 25	13 46	0 42	22 27	0 52	15 44	16 26	23 13	23 14	24 19	3 55	4 49
T 3	3 42	16 44	2 16	8 2	1 54	4 42	1 24	9 36	1 4	22 54	0 2	7 27	2 25	13 45	0 42	22 27	0 52	15 43	16 26	23 13	23 14	24 20	3 53	4 49
W 4	3 19	20 12	1 16	7 13	1 50	4 12	1 23	9 18	1 4	22 54	0 2	7 29	2 25	13 44	0 42	22 26	0 52	15 42	16 25	23 13	23 14	24 20	3 52	4 49
T 5	2 55	22 47	0 14	6 23	1 45	3 42	1 23	9 0	1 3	22 53	0 2	7 31	2 25	13 42	0 42	22 26	0 52	15 42	16 25	23 13	23 14	24 21	3 51	4 49
F 6	2 32	24 20	0n48	5 32	1 39	3 12	1 22	8 42	1 3	22 52	0 2	7 33	2 25	13 41	0 42	22 26	0 52	15 41	16 25	23 13	23 13	24 22	3 49	4 49
S 7	2 8	24 48	1 49	4 40	1 33	2 42	1 21	8 24	1 3	22 52	0 2	7 35	2 25	13 40	0 42	22 26	0 52	15 40	16 25	23 13	23 13	24 23	3 48	4 49
S 8	1 45	24 7	2 45	3 47	1 27	2 11	1 21	8 6	1 3	22 51	0 1	7 36	2 25	13 39	0 43	22 26	0 52	15 40	16 25	23 13	23 13	24 24	3 46	4 49
M 9	1 21	22 19	3 34	2 53	1 20	1 41	1 20	7 48	1 3	22 50	0 1	7 38	2 25	13 38	0 43	22 26	0 53	15 39	16 25	23 12	23 13	24 25	3 45	4 49
T 10	0 57	19 27	4 15	1 58	1 12	1 10	1 19	7 30	1 3	22 49	0 1	7 40	2 25	13 37	0 43	22 26	0 53	15 39	16 25	23 12	23 13	24 26	3 44	4 49
W11	0 34	15 36	4 44	1 2	1 4	0 39	1 18	7 12	1 2	22 49	0 1	7 42	2 25	13 36	0 43	22 26	0 53	15 38	16 25	23 11	23 12	24 26	3 42	4 49
T 12	0 10	10 58	4 59	0 5	0 55	0 9	1 17	6 53	1 2	22 48	0 1	7 44	2 25	13 35	0 43	22 26	0 53	15 38	16 25	23 10	23 12	24 27	3 41	4 49
F 13	0n14	5 42	4 58	0n53	0 46	0n22	1 16	6 35	1 2	22 47	0 1	7 45	2 25	13 34	0 43	22 26	0 53	15 37	16 25	23 9	23 12	24 28	3 40	4 49
S 14	0 37	0 5	4 41	1 51	0 37	0 53	1 15	6 16	1 2	22 47	0 1	7 47	2 25	13 33	0 43	22 26	0 53	15 36	16 25	23 8	23 12	24 29	3 38	4 49
S 15	1 1	5s40	4 8	2 49	0 27	1 23	1 14	5 58	1 1	22 46	0 1	7 49	2 25	13 32	0 43	22 26	0 53	15 36	16 25	23 7	23 11	24 30	3 37	4 49
M16	1 24	11 12	3 19	3 47	0 16	1 54	1 12	5 39	1 1	22 45	0 1	7 51	2 25	13 31	0 43	22 26	0 53	15 35	16 25	23 7	23 11	24 30	3 35	4 49
T 17	1 48	16 13	2 18	4 45	0 5	2 24	1 11	5 21	1 1	22 45	0 0	7 52	2 25	13 30	0 43	22 26	0 53	15 35	16 25	23 6	23 11	24 31	3 34	4 49
W18	2 11	20 22	1 8	5 43	0n 6	2 55	1 10	5 2	1 1	22 44	0 0	7 54	2 25	13 29	0 43	22 26	0 53	15 34	16 26	23 6	23 11	24 32	3 33	4 49
T 19	2 35	23 18	0s 7	6 41	0 17	3 25	1 8	4 44	1 0	22 43	0 0	7 55	2 25	13 28	0 43	22 26	0 53	15 34	16 26	23 6	23 11	24 33	3 31	4 49
F 20	2 58	24 47	1 21	7 38	0 28	3 56	1 7	4 25	1 0	22 43	0 0	7 57	2 25	13 28	0 43	22 26	0 53	15 33	16 26	23 6	23 10	24 33	3 30	4 49
S 21	3 22	24 40	2 30	8 34	0 40	4 26	1 5	4 6	1 0	22 42	0s 0	7 59	2 25	13 27	0 43	22 26	0 53	15 33	16 26	23 6	23 10	24 34	3 29	4 49
S 22	3 45	22 58	3 29	9 28	0 51	4 56	1 4	3 47	1 0	22 42	0 0	8 0	2 25	13 26	0 43	22 25	0 53	15 32	16 26	23 6	23 10	24 35	3 27	4 49
M23	4 8	19 53	4 16	10 21	1 3	5 27	1 2	3 29	0 59	22 41	0 0	8 2	2 25	13 25	0 43	22 25	0 53	15 32	16 26	23 6	23 10	24 36	3 26	4 49
T 24	4 31	15 41	4 48	11 13	1 14	5 57	1 1	3 10	0 59	22 41	0 0	8 3	2 25	13 24	0 43	22 25	0 53	15 31	16 26	23 5	23 9	24 36	3 24	4 50
W25	4 54	10 42	5 2	12 3	1 25	6 27	0 59	2 51	0 59	22 40	0 0	8 5	2 25	13 23	0 43	22 25	0 53	15 31	16 26	23 4	23 9	24 37	3 23	4 50
T 26	5 17	5 16	4 59	12 51	1 35	6 56	0 57	2 32	0 58	22 40	0 1	8 6	2 25	13 22	0 43	22 25	0 53	15 30	16 26	23 3	23 9	24 38	3 22	4 50
F 27	5 40	0n19	4 39	13 36	1 46	7 26	0 55	2 14	0 58	22 39	0 1	8 8	2 25	13 21	0 43	22 25	0 53	15 30	16 26	23 2	23 9	24 39	3 20	4 50
S 28	6 3	5 47	4 5	14 19	1 55	7 55	0 53	1 55	0 58	22 39	0 1	8 9	2 24	13 20	0 43	22 25	0 53	15 29	16 26	23 2	23 8	24 39	3 19	4 50
S 29	6 26	10 55	3 19	15 0	2 5	8 25	0 52	1 36	0 58	22 38	0 1	8 10	2 24	13 20	0 43	22 25	0 53	15 29	16 26	23 1	23 8	24 40	3 18	4 50
M30	6 48	15 28	2 25	15 38	2 13	8 54	0 50	1 17	0 57	22 38	0 1	8 12	2 24	13 19	0 43	22 25	0 53	15 28	16 27	23 0	23 8	24 41	3 17	4 50
T 31	7n11	19n18	1s24	16n14	2n21	9n23	0s48	0s59	0s57	22s37	0s 1	8n13	2n24	13s18	0s43	22s25	0n53	15s28	16s27	23n 0	23n 8	24n41	3s15	4n50

Julian Day Number = 2207630.5, Delta T = 09m35s
Ecliptic obliquity = 23°31'36, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°25'32, Lahiri = 14°32'32 Julian Calendar 1 March 1332 == Greg. Calendar 9 March 1332

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ASTRODIENST EPHEMERIS for the year 1332
geocentric

APRIL 1332 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	13 9 24	19♈12'43	14♊15	8♉40	27♈21	0♈30	15♏47	14°R45	26♒51	7°R43	28♓58	18°D10	19♊41	3♋22	10♓21	W 1
T 2	13 13 20	20°11'16	26° 8	9°55	28°35	1°16	15°52	14♍42	26°53	7♏43	28°59	18♊10	19°38	3°28	10°24	T 2
F 3	13 17 17	21° 9'46	7♋56	11° 4	29°49	2° 2	15°56	14°39	26°55	7°43	29° 1	18°11	19°35	3°35	10°27	F 3
S 4	13 21 13	22° 8'14	19°45	12° 9	1♉ 3	2°48	16° 0	14°35	26°58	7°43	29° 2	18°R11	19°31	3°42	10°31	S 4
S 5	13 25 10	23° 6'41	1♌41	13° 9	2°17	3°34	16° 4	14°32	27° 0	7°43	29° 4	18°11	19°28	3°48	10°34	S 5
M 6	13 29 6	24° 5'05	13°48	14° 3	3°31	4°20	16° 8	14°29	27° 2	7°43	29° 5	18° 9	19°25	3°55	10°37	M 6
T 7	13 33 3	25° 3'26	26°11	14°51	4°45	5° 6	16°12	14°26	27° 4	7°42	29° 6	18° 5	19°22	4° 1	10°40	T 7
W 8	13 37 0	26° 1'46	8♍54	15°34	5°59	5°52	16°15	14°23	27° 7	7°42	29° 8	17°59	19°19	4° 8	10°42	W 8
T 9	13 40 56	27° 0'04	22° 0	16°12	7°13	6°38	16°18	14°20	27° 9	7°42	29° 9	17°51	19°15	4°15	10°45	T 9
F 10	13 44 53	27°58'19	5♎28	16°44	8°27	7°23	16°22	14°18	27°11	7°42	29°10	17°43	19°12	4°21	10°48	F 10
S 11	13 48 49	28°56'33	19°18	17°11	9°41	8° 9	16°25	14°15	27°13	7°41	29°12	17°34	19° 9	4°28	10°51	S 11
S 12	13 52 46	29°54'44	3♏26	17°32	10°54	8°55	16°27	14°12	27°15	7°41	29°13	17°28	19° 6	4°35	10°54	S 12
M13	13 56 42	0♉52'55	17°48	17°47	12° 8	9°41	16°30	14°10	27°17	7°41	29°14	17°22	19° 3	4°41	10°57	M13
T 14	14 0 39	1°51'03	2♐17	17°57	13°22	10°26	16°32	14° 7	27°19	7°40	29°16	17°20	19° 0	4°48	10°59	T 14
W15	14 4 35	2°49'10	16°48	18°R 1	14°36	11°12	16°35	14° 5	27°21	7°40	29°17	17°D19	18°56	4°55	11° 2	W15
T 16	14 8 32	3°47'16	1♑16	18° 0	15°50	11°57	16°37	14° 3	27°23	7°39	29°18	17°19	18°53	5° 1	11° 5	T 16
F 17	14 12 29	4°45'20	15°37	17°54	17° 3	12°43	16°38	14° 1	27°24	7°39	29°19	17°20	18°50	5° 8	11° 7	F 17
S 18	14 16 25	5°43'22	29°48	17°44	18°17	13°28	16°40	13°59	27°26	7°38	29°21	17°R21	18°47	5°15	11°10	S 18
S 19	14 20 22	6°41'24	13♒49	17°28	19°31	14°14	16°42	13°57	27°28	7°38	29°22	17°21	18°44	5°21	11°12	S 19
M20	14 24 18	7°39'23	27°38	17° 9	20°45	14°59	16°43	13°55	27°30	7°37	29°23	17°20	18°40	5°28	11°15	M20
T 21	14 28 15	8°37'22	11♓15	16°45	21°58	15°44	16°44	13°53	27°31	7°37	29°24	17°16	18°37	5°35	11°17	T 21
W22	14 32 11	9°35'19	24°39	16°19	23°12	16°30	16°45	13°51	27°33	7°36	29°25	17°11	18°34	5°41	11°19	W22
T 23	14 36 8	10°33'15	7♈50	15°49	24°26	17°15	16°46	13°50	27°34	7°35	29°27	17° 6	18°31	5°48	11°22	T 23
F 24	14 40 4	11°31'09	20°47	15°17	25°39	18° 0	16°46	13°48	27°36	7°35	29°28	16°59	18°28	5°55	11°24	F 24
S 25	14 44 1	12°29'02	3♉31	14°43	26°53	18°45	16°46	13°47	27°37	7°34	29°29	16°54	18°25	6° 1	11°26	S 25
S 26	14 47 57	13°26'53	16° 1	14° 8	28° 6	19°30	16°R47	13°46	27°39	7°33	29°30	16°49	18°21	6° 8	11°29	S 26
M27	14 51 54	14°24'44	28°19	13°32	29°20	20°15	16°47	13°44	27°40	7°32	29°31	16°46	18°18	6°14	11°31	M27
T 28	14 55 51	15°22'32	10♊25	12°57	0♊34	21° 0	16°46	13°43	27°41	7°32	29°32	16°45	18°15	6°21	11°33	T 28
W29	14 59 47	16°20'19	22°22	12°22	1°47	21°45	16°46	13°42	27°43	7°31	29°33	16°D45	18°12	6°28	11°35	W29
T 30	15 3 44	17♉18'05	4♋13	11♉49	3♊ 1	22♈30	16♏45	13♍42	27♒44	7♏30	29♓34	16♊46	18♊ 9	6♋34	11♓37	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	7n33	22n15	0s21	16n47	2n28	9n51	0s46	0s40	0s57	22s37	0s 1	8n14	2n24	13s17	0s43	22s25	0n53	15s27	16s27	23n 0	23n 7	24n42	3s14	4n50
T 2	7 55	24 11	0n43	17 17	2 34	10 20	0 44	0 21	0 56	22 36	0 1	8 15	2 24	13 16	0 43	22 25	0 53	15 27	16 27	23 0	23 7	24 43	3 13	4 50
F 3	8 17	25 1	1 44	17 44	2 40	10 48	0 42	0 2	0 56	22 36	0 2	8 17	2 24	13 16	0 43	22 25	0 53	15 26	16 27	23 0	23 7	24 44	3 11	4 51
S 4	8 39	24 44	2 41	18 9	2 44	11 16	0 39	0n16	0 55	22 36	0 2	8 18	2 24	13 15	0 43	22 25	0 53	15 26	16 27	23 0	23 7	24 44	3 10	4 51
S 5	9 1	23 18	3 32	18 30	2 48	11 44	0 37	0 35	0 55	22 35	0 2	8 19	2 24	13 14	0 43	22 25	0 53	15 26	16 27	23 0	23 6	24 45	3 9	4 51
M 6	9 23	20 48	4 14	18 49	2 50	12 11	0 35	0 54	0 55	22 35	0 2	8 20	2 23	13 13	0 43	22 25	0 53	15 25	16 27	23 0	23 6	24 46	3 8	4 51
T 7	9 44	17 18	4 45	19 5	2 52	12 38	0 33	1 12	0 54	22 35	0 2	8 21	2 23	13 13	0 43	22 25	0 53	15 25	16 28	22 59	23 6	24 46	3 6	4 51
W 8	10 5	12 56	5 3	19 18	2 52	13 5	0 31	1 31	0 54	22 34	0 2	8 22	2 23	13 12	0 43	22 25	0 53	15 24	16 28	22 59	23 6	24 47	3 5	4 51
T 9	10 26	7 52	5 6	19 29	2 51	13 31	0 28	1 49	0 54	22 34	0 2	8 23	2 23	13 11	0 43	22 25	0 53	15 24	16 28	22 58	23 5	24 47	3 4	4 51
F 10	10 47	2 18	4 53	19 36	2 49	13 57	0 26	2 8	0 53	22 34	0 2	8 24	2 23	13 10	0 43	22 25	0 53	15 24	16 28	22 57	23 5	24 48	3 3	4 52
S 11	11 8	3s33	4 22	19 41	2 46	14 23	0 24	2 26	0 53	22 33	0 3	8 25	2 23	13 10	0 43	22 25	0 53	15 23	16 28	22 57	23 5	24 49	3 1	4 52
S 12	11 29	9 21	3 34	19 43	2 42	14 49	0 22	2 45	0 52	22 33	0 3	8 26	2 23	13 9	0 43	22 25	0 53	15 23	16 28	22 56	23 5	24 49	3 0	4 52
M13	11 49	14 45	2 33	19 42	2 36	15 14	0 19	3 3	0 52	22 33	0 3	8 27	2 23	13 8	0 43	22 25	0 53	15 23	16 29	22 55	23 4	24 50	2 59	4 52
T 14	12 10	19 23	1 20	19 38	2 30	15 39	0 17	3 21	0 52	22 33	0 3	8 27	2 22	13 8	0 44	22 25	0 53	15 22	16 29	22 55	23 4	24 51	2 58	4 52
W15	12 30	22 49	0 3	19 32	2 22	16 3	0 14	3 40	0 51	22 33	0 3	8 28	2 22	13 7	0 44	22 25	0 53	15 22	16 29	22 55	23 4	24 51	2 57	4 52
T 16	12 50	24 46	1s15	19 22	2 12	16 27	0 12	3 58	0 51	22 33	0 3	8 29	2 22	13 7	0 44	22 25	0 53	15 22	16 29	22 55	23 4	24 52	2 56	4 52
F 17	13 9	25 3	2 27	19 11	2 2	16 50	0 10	4 16	0 50	22 33	0 3	8 30	2 22	13 6	0 44	22 25	0 53	15 21	16 29	22 55	23 3	24 52	2 55	4 53
S 18	13 29	23 41	3 30	18 57	1 50	17 13	0 7	4 34	0 50	22 33	0 4	8 30	2 22	13 5	0 44	22 25	0 53	15 21	16 30	22 55	23 3	24 53	2 53	4 53
S 19	13 48	20 52	4 19	18 40	1 38	17 36	0 5	4 52	0 49	22 32	0 4	8 31	2 22	13 5	0 44	22 25	0 53	15 21	16 30	22 55	23 3	24 54	2 52	4 53
M20	14 7	16 55	4 52	18 21	1 24	17 58	0 2	5 10	0 49	22 32	0 4	8 31	2 21	13 4	0 44	22 25	0 53	15 20	16 30	22 55	23 3	24 54	2 51	4 53
T 21	14 26	12 8	5 9	18 1	1 9	18 20	0n 0	5 28	0 48	22 32	0 4	8 32	2 21	13 4	0 44	22 25	0 53	15 20	16 30	22 55	23 2	24 55	2 50	4 53
W22	14 44	6 51	5 8	17 38	0 54	18 41	0 3	5 46	0 48	22 32	0 4	8 32	2 21	13 3	0 44	22 25	0 53	15 20	16 31	22 54	23 2	24 55	2 49	4 54
T 23	15 3	1 20	4 51	17 14	0 38	19 2	0 5	6 4	0 47	22 33	0 4	8 33	2 21	13 3	0 44	22 25	0 53	15 20	16 31	22 54	23 2	24 56	2 48	4 54
F 24	15 21	4n 9	4 19	16 49	0 21	19 22	0 8	6 22	0 47	22 33	0 4	8 33	2 21	13 2	0 44	22 25	0 53	15 19	16 31	22 53	23 1	24 56	2 47	4 54
S 25	15 38	9 23	3 34	16 23	0 4	19 42	0 10	6 39	0 47	22 33	0 5	8 34	2 21	13 2	0 44	22 25	0 53	15 19	16 31	22 53	23 1	24 57	2 46	4 54
S 26	15 56	14 8	2 40	15 56	0s13	20 1	0 13	6 57	0 46	22 33	0 5	8 34	2 20	13 1	0 44	22 25	0 53	15 19	16 32	22 52	23 1	24 57	2 45	4 54
M27	16 13	18 15	1 39	15 28	0 31	20 20	0 15	7 14	0 46	22 33	0 5	8 34	2 20	13 1	0 44	22 25	0 53	15 19	16 32	22 52	23 1	24 58	2 44	4 54
T 28	16 30	21 31	0 35	15 1	0 48	20 38	0 18	7 32	0 45	22 33	0 5	8 35	2 20	13 0	0 44	22 25	0 53	15 19	16 32	22 52	23 0	24 58	2 43	4 55
W29	16 47	23 49	0n31	14 34	1 5	20 55	0 20	7 49	0 45	22 33	0 5	8 35	2 20	13 0	0 44	22 25	0 53	15 18	16 32	22 52	23 0	24 59	2 42	4 55
T 30	17n 4	25n 2	1n34	14n 8	1s22	21n12	0n23	8n 6	0s44	22s34	0s 5	8n35	2n20	13s 0	0s44	22s25	0n53	15s18	16s33	22n52	23n 0	24n59	2s41	4n55

Julian Day Number = 2207661.5, Delta T = 09m35s
Ecliptic obliquity = 23°31'36, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°25'36, Lahiri = 14°32'37 Julian Calendar 1 Apr. 1332 == Greg. Calendar 9 Apr. 1332

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ASTRODIENST EPHEMERIS for the year 1332
geocentric

MAY 1332 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	15 7 40	18♉15'48	16♋ 1	11°R17	4♊14	23♈15	16°R45	13°R41	27♒45	7°R29	29♓35	16♊47	18♊ 6	6♋41	11♓39	F 1
S 2	15 11 37	19°13'31	27°50	10♉48	5°28	23°59	16♏44	13♍40	27°46	7♏28	29°36	16°49	18° 2	6°48	11°41	S 2
S 3	15 15 33	20°11'11	9♌45	10°21	6°41	24°44	16°42	13°40	27°47	7°27	29°37	16°50	17°59	6°54	11°43	S 3
M 4	15 19 30	21° 8'50	21°52	9°58	7°55	25°29	16°41	13°39	27°48	7°26	29°38	16°R51	17°56	7° 1	11°45	M 4
T 5	15 23 27	22° 6'28	4♍14	9°39	9° 8	26°13	16°40	13°39	27°49	7°25	29°39	16°50	17°53	7° 8	11°46	T 5
W 6	15 27 23	23° 4'04	16°56	9°23	10°21	26°58	16°38	13°38	27°50	7°24	29°40	16°48	17°50	7°14	11°48	W 6
T 7	15 31 20	24° 1'38	0♎ 2	9°11	11°35	27°42	16°36	13°38	27°51	7°23	29°41	16°46	17°46	7°21	11°50	T 7
F 8	15 35 16	24°59'11	13°33	9° 3	12°48	28°27	16°34	13°D38	27°52	7°22	29°42	16°43	17°43	7°28	11°51	F 8
S 9	15 39 13	25°56'43	27°29	9°D 0	14° 1	29°11	16°31	13°38	27°53	7°21	29°43	16°40	17°40	7°34	11°53	S 9
S 10	15 43 9	26°54'13	11♏49	9° 2	15°15	29°55	16°29	13°38	27°54	7°20	29°44	16°38	17°37	7°41	11°55	S 10
M11	15 47 6	27°51'42	26°28	9° 8	16°28	0♉39	16°26	13°39	27°54	7°19	29°45	16°36	17°34	7°48	11°56	M11
T 12	15 51 2	28°49'10	11♐18	9°18	17°41	1°24	16°24	13°39	27°55	7°18	29°46	16°D35	17°31	7°54	11°57	T 12
W13	15 54 59	29°46'37	26°13	9°33	18°54	2° 8	16°21	13°39	27°56	7°16	29°47	16°35	17°27	8° 1	11°59	W13
T 14	15 58 56	0♊44'04	11♑ 4	9°52	20° 8	2°52	16°17	13°40	27°56	7°15	29°48	16°36	17°24	8° 8	12° 0	T 14
F 15	16 2 52	1°41'29	25°46	10°16	21°21	3°36	16°14	13°41	27°57	7°14	29°48	16°37	17°21	8°14	12° 1	F 15
S 16	16 6 49	2°38'54	10♒12	10°44	22°34	4°20	16°10	13°41	27°57	7°13	29°49	16°38	17°18	8°21	12° 3	S 16
S 17	16 10 45	3°36'18	24°21	11°16	23°47	5° 4	16° 7	13°42	27°58	7°11	29°50	16°39	17°15	8°28	12° 4	S 17
M18	16 14 42	4°33'41	8♓ 9	11°52	25° 0	5°48	16° 3	13°43	27°58	7°10	29°51	16°R39	17°12	8°34	12° 5	M18
T 19	16 18 38	5°31'04	21°38	12°32	26°13	6°31	15°59	13°44	27°58	7° 9	29°51	16°38	17° 8	8°41	12° 6	T 19
W20	16 22 35	6°28'26	4♈49	13°17	27°26	7°15	15°55	13°46	27°58	7° 8	29°52	16°38	17° 5	8°48	12° 7	W20
T 21	16 26 31	7°25'48	17°43	14° 5	28°39	7°59	15°50	13°47	27°59	7° 6	29°53	16°37	17° 2	8°54	12° 8	T 21
F 22	16 30 28	8°23'09	0♉21	14°57	29°52	8°42	15°46	13°48	27°59	7° 5	29°54	16°35	16°59	9° 1	12° 9	F 22
S 23	16 34 25	9°20'29	12°46	15°52	1♋ 5	9°26	15°41	13°50	27°59	7° 4	29°54	16°34	16°56	9° 7	12°10	S 23
S 24	16 38 21	10°17'49	25° 0	16°51	2°18	10°10	15°36	13°51	27°59	7° 2	29°55	16°34	16°52	9°14	12°11	S 24
M25	16 42 18	11°15'08	7♊ 5	17°54	3°31	10°53	15°31	13°53	27°R59	7° 1	29°55	16°33	16°49	9°21	12°11	M25
T 26	16 46 14	12°12'27	19° 2	19° 0	4°44	11°36	15°26	13°55	27°59	6°59	29°56	16°D33	16°46	9°27	12°12	T 26
W27	16 50 11	13° 9'45	0♋53	20°10	5°57	12°20	15°21	13°56	27°59	6°58	29°57	16°33	16°43	9°34	12°13	W27
T 28	16 54 7	14° 7'02	12°41	21°22	7°10	13° 3	15°15	13°58	27°59	6°56	29°57	16°34	16°40	9°41	12°13	T 28
F 29	16 58 4	15° 4'18	24°29	22°39	8°23	13°46	15°10	14° 0	27°59	6°55	29°58	16°34	16°37	9°47	12°14	F 29
S 30	17 2 0	16° 1'34	6♌20	23°58	9°36	14°29	15° 4	14° 3	27°58	6°53	29°58	16°34	16°33	9°54	12°14	S 30
S 31	17 5 57	16♊58'49	18♌16	25♉21	10♋49	15♉13	14♑58	14♍ 5	27♒58	6♑52	29♓59	16°R34	16♊30	10♋ 1	12♓15	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	17n20	25n 6	2n34	13n43	1s38	21n29	0n25	8n23	0s44	22s34	0s 5	8n35	2n20	12s59	0s44	22s25	0n53	15s18	16s33	22n52	22n59	25n 0	2s40	4n55
S 2	17 36	24 3	3 27	13 19	1 54	21 45	0 28	8 40	0 43	22 34	0 6	8 35	2 19	12 59	0 44	22 26	0 53	15 18	16 33	22 52	22 59	25 0	2 39	4 55
S 3	17 51	21 54	4 11	12 57	2 9	22 0	0 30	8 57	0 42	22 34	0 6	8 35	2 19	12 59	0 44	22 26	0 53	15 18	16 33	22 52	22 59	25 1	2 38	4 56
M 4	18 7	18 46	4 46	12 36	2 22	22 15	0 33	9 14	0 42	22 35	0 6	8 35	2 19	12 58	0 44	22 26	0 54	15 18	16 34	22 52	22 59	25 1	2 37	4 56
T 5	18 22	14 45	5 7	12 18	2 35	22 29	0 35	9 31	0 41	22 35	0 6	8 35	2 19	12 58	0 44	22 26	0 54	15 17	16 34	22 52	22 58	25 2	2 37	4 56
W 6	18 36	10 0	5 15	12 2	2 47	22 42	0 37	9 48	0 41	22 35	0 6	8 35	2 19	12 58	0 44	22 26	0 54	15 17	16 34	22 52	22 58	25 2	2 36	4 56
T 7	18 51	4 40	5 7	11 47	2 58	22 55	0 40	10 4	0 40	22 36	0 6	8 35	2 18	12 57	0 44	22 26	0 54	15 17	16 35	22 52	22 58	25 3	2 35	4 57
F 8	19 5	1s 3	4 41	11 36	3 8	23 7	0 42	10 20	0 40	22 36	0 7	8 35	2 18	12 57	0 44	22 26	0 54	15 17	16 35	22 52	22 57	25 3	2 34	4 57
S 9	19 19	6 54	3 59	11 27	3 17	23 18	0 44	10 37	0 39	22 37	0 7	8 35	2 18	12 57	0 44	22 26	0 54	15 17	16 35	22 51	22 57	25 4	2 33	4 57
S 10	19 32	12 34	3 0	11 20	3 24	23 29	0 47	10 53	0 39	22 37	0 7	8 34	2 18	12 57	0 44	22 26	0 54	15 17	16 35	22 51	22 57	25 4	2 32	4 57
M11	19 45	17 40	1 49	11 16	3 31	23 39	0 49	11 9	0 38	22 38	0 7	8 34	2 18	12 56	0 45	22 26	0 54	15 17	16 36	22 51	22 57	25 5	2 32	4 57
T 12	19 58	21 44	0 29	11 14	3 36	23 48	0 51	11 25	0 38	22 38	0 7	8 34	2 17	12 56	0 45	22 26	0 54	15 17	16 36	22 51	22 56	25 5	2 31	4 58
W13	20 11	24 21	0s53	11 14	3 40	23 57	0 54	11 41	0 37	22 39	0 7	8 34	2 17	12 56	0 45	22 26	0 54	15 17	16 36	22 51	22 56	25 5	2 30	4 58
T 14	20 23	25 15	2 11	11 17	3 44	24 5	0 56	11 56	0 36	22 39	0 7	8 33	2 17	12 56	0 45	22 26	0 54	15 17	16 37	22 51	22 56	25 6	2 30	4 58
F 15	20 35	24 21	3 20	11 22	3 46	24 12	0 58	12 12	0 36	22 40	0 8	8 33	2 17	12 56	0 45	22 26	0 54	15 17	16 37	22 51	22 55	25 6	2 29	4 58
S 16	20 46	21 50	4 15	11 30	3 47	24 19	1 0	12 27	0 35	22 40	0 8	8 32	2 17	12 56	0 45	22 26	0 54	15 17	16 37	22 51	22 55	25 7	2 28	4 58
S 17	20 57	18 3	4 53	11 40	3 47	24 25	1 2	12 43	0 35	22 41	0 8	8 32	2 16	12 56	0 45	22 26	0 54	15 17	16 38	22 51	22 55	25 7	2 27	4 59
M18	21 8	13 23	5 13	11 51	3 47	24 30	1 4	12 58	0 34	22 41	0 8	8 31	2 16	12 55	0 45	22 26	0 54	15 17	16 38	22 51	22 54	25 7	2 27	4 59
T 19	21 18	8 9	5 16	12 5	3 45	24 35	1 6	13 13	0 33	22 42	0 8	8 31	2 16	12 55	0 45	22 26	0 54	15 17	16 38	22 51	22 54	25 8	2 26	4 59
W20	21 28	2 41	5 1	12 20	3 43	24 38	1 8	13 28	0 33	22 43	0 8	8 30	2 16	12 55	0 45	22 26	0 54	15 17	16 39	22 51	22 54	25 8	2 26	4 59
T 21	21 38	2n47	4 32	12 37	3 40	24 41	1 10	13 43	0 32	22 43	0 9	8 29	2 16	12 55	0 45	22 27	0 54	15 17	16 39	22 51	22 54	25 9	2 25	5 0
F 22	21 47	8 3	3 49	12 56	3 36	24 44	1 12	13 57	0 32	22 44	0 9	8 29	2 16	12 55	0 45	22 27	0 54	15 17	16 39	22 51	22 53	25 9	2 24	5 0
S 23	21 56	12 55	2 57	13 17	3 31	24 45	1 14	14 12	0 31	22 45	0 9	8 28	2 15	12 55	0 45	22 27	0 54	15 17	16 40	22 51	22 53	25 9	2 24	5 0
S 24	22 4	17 12	1 57	13 39	3 26	24 46	1 16	14 26	0 30	22 46	0 9	8 27	2 15	12 55	0 45	22 27	0 54	15 17	16 40	22 51	22 53	25 10	2 23	5 0
M25	22 13	20 43	0 52	14 2	3 20	24 46	1 18	14 40	0 30	22 46	0 9	8 26	2 15	12 55	0 45	22 27	0 54	15 17	16 40	22 51	22 52	25 10	2 23	5 1
T 26	22 20	23 18	0n14	14 26	3 13	24 46	1 19	14 54	0 29	22 47	0 9	8 25	2 15	12 55	0 45	22 27	0 54	15 17	16 41	22 51	22 52	25 10	2 22	5 1
W27	22 28	24 50	1 19	14 52	3 6	24 44	1 21	15 8	0 29	22 48	0 10	8 24	2 15	12 55	0 45	22 27	0 54	15 17	16 41	22 51	22 52	25 11	2 22	5 1
T 28	22 35	25 15	2 20	15 19	2 58	24 42	1 23	15 22	0 28	22 49	0 10	8 24	2 14	12 56	0 45	22 27	0 54	15 17	16 41	22 51	22 51	25 11	2 22	5 1
F 29	22 41	24 30	3 16	15 46	2 49	24 40	1 24	15 36	0 27	22 49	0 10	8 23	2 14	12 56	0 45	22 27	0 54	15 17	16 42	22 51	22 51	25 11	2 21	5 2
S 30	22 47	22 40	4 3	16 14	2 41	24 36	1 26	15 49	0 27	22 50	0 10	8 22	2 14	12 56	0 45	22 27	0 54	15 17	16 42	22 51	22 51	25 12	2 21	5 2
S 31	22n53	19n50	4n40	16n43	2s31	24n32	1n27	16n 2	0s26	22s51	0s10	8n21	2n14	12s56	0s45	22s27	0n54	15s18	16s42	22n51	22n50	25n12	2s20	5n 2

Julian Day Number = 2207691.5, Delta T = 09m35s
Ecliptic obliquity = 23°31'35, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°25'40, Lahiri = 14°32'41 Julian Calendar 1 May 1332 == Greg. Calendar 9 May 1332

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ASTRODIENST EPHEMERIS for the year 1332
geocentric

JUNE 1332 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	17 9 54	17♊56'03	0♍23	26♉47	12♋ 2	15♉56	14°R52	14♍ 7	27°R58	6°R50	29♓59	16°R34	16♊27	10♋ 7	12♓15	M 1
T 2	17 13 50	18°53'17	12°44	28°16	13°14	16°39	14♏46	14°10	27♒58	6♏49	29°59	16°D34	16°24	10°14	12°15	T 2
W 3	17 17 47	19°50'30	25°23	29°48	14°27	17°21	14°40	14°12	27°57	6°47	0♈ 0	16♊34	16°21	10°21	12°16	W 3
T 4	17 21 43	20°47'42	8♎24	1♊23	15°40	18° 4	14°33	14°15	27°57	6°46	0° 0	16°34	16°18	10°27	12°16	T 4
F 5	17 25 40	21°44'53	21°50	3° 1	16°53	18°47	14°27	14°18	27°56	6°44	0° 1	16°34	16°14	10°34	12°16	F 5
S 6	17 29 36	22°42'04	5♏43	4°43	18° 5	19°30	14°20	14°20	27°56	6°43	0° 1	16°35	16°11	10°41	12°16	S 6
S 7	17 33 33	23°39'14	20° 1	6°27	19°18	20°12	14°14	14°23	27°55	6°41	0° 2	16°35	16° 8	10°47	12°R16	S 7
M 8	17 37 29	24°36'25	4♐43	8°14	20°30	20°55	14° 7	14°26	27°54	6°40	0° 2	16°36	16° 5	10°54	12°16	M 8
T 9	17 41 26	25°33'34	19°43	10° 4	21°43	21°38	14° 0	14°29	27°54	6°38	0° 2	16°R36	16° 2	11° 1	12°16	T 9
W10	17 45 23	26°30'44	4♑52	11°57	22°56	22°20	13°53	14°32	27°53	6°37	0° 2	16°36	15°58	11° 7	12°16	W10
T 11	17 49 19	27°27'53	20° 1	13°52	24° 8	23° 2	13°46	14°36	27°52	6°35	0° 3	16°35	15°55	11°14	12°16	T 11
F 12	17 53 16	28°25'03	5♒ 2	15°50	25°21	23°45	13°39	14°39	27°51	6°33	0° 3	16°34	15°52	11°21	12°15	F 12
S 13	17 57 12	29°22'12	19°46	17°51	26°33	24°27	13°32	14°43	27°51	6°32	0° 3	16°32	15°49	11°27	12°15	S 13
S 14	18 1 9	0♋19'22	4♓ 7	19°53	27°45	25° 9	13°24	14°46	27°50	6°30	0° 3	16°31	15°46	11°34	12°15	S 14
M15	18 5 5	1°16'32	18° 4	21°57	28°58	25°51	13°17	14°50	27°49	6°29	0° 3	16°30	15°43	11°41	12°14	M15
T 16	18 9 2	2°13'42	1♈34	24° 3	0♌10	26°34	13°10	14°53	27°48	6°27	0° 4	16°D29	15°39	11°47	12°14	T 16
W17	18 12 58	3°10'52	14°41	26°10	1°23	27°16	13° 2	14°57	27°47	6°25	0° 4	16°30	15°36	11°54	12°13	W17
T 18	18 16 55	4° 8'03	27°26	28°18	2°35	27°58	12°55	15° 1	27°46	6°24	0° 4	16°31	15°33	12° 1	12°13	T 18
F 19	18 20 52	5° 5'14	9♉53	0♋28	3°47	28°40	12°47	15° 5	27°44	6°22	0° 4	16°32	15°30	12° 7	12°12	F 19
S 20	18 24 48	6° 2'25	22° 6	2°37	4°59	29°21	12°39	15° 9	27°43	6°20	0° 4	16°34	15°27	12°14	12°11	S 20
S 21	18 28 45	6°59'37	4♊ 8	4°47	6°12	0♊ 3	12°32	15°13	27°42	6°19	0° 4	16°35	15°24	12°21	12°11	S 21
M22	18 32 41	7°56'49	16° 3	6°57	7°24	0°45	12°24	15°17	27°41	6°17	0°R 4	16°R35	15°20	12°27	12°10	M22
T 23	18 36 38	8°54'02	27°53	9° 6	8°36	1°27	12°16	15°21	27°40	6°16	0° 4	16°35	15°17	12°34	12° 9	T 23
W24	18 40 34	9°51'14	9♋41	11°15	9°48	2° 8	12° 9	15°26	27°38	6°14	0° 4	16°33	15°14	12°41	12° 8	W24
T 25	18 44 31	10°48'28	21°29	13°23	11° 0	2°50	12° 1	15°30	27°37	6°12	0° 4	16°30	15°11	12°47	12° 7	T 25
F 26	18 48 28	11°45'41	3♌20	15°30	12°12	3°31	11°53	15°35	27°35	6°11	0° 4	16°27	15° 8	12°54	12° 6	F 26
S 27	18 52 24	12°42'55	15°14	17°36	13°24	4°13	11°46	15°39	27°34	6° 9	0° 4	16°22	15° 4	13° 1	12° 5	S 27
S 28	18 56 21	13°40'08	27°16	19°41	14°36	4°54	11°38	15°44	27°32	6° 8	0° 4	16°18	15° 1	13° 7	12° 4	S 28
M29	19 0 17	14°37'22	9♍27	21°44	15°48	5°35	11°30	15°49	27°31	6° 6	0° 3	16°14	14°58	13°14	12° 3	M29
T 30	19 4 14	15♋34'37	21♍50	23♋45	17♌ 0	6♊16	11♏22	15♍53	27♒29	6♏ 4	0♈ 3	16♊11	14♊55	13♋21	12♓ 2	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	22n59	16n 8	5n 5	17n13	2s21	24n27	1n29	16n16	0s25	22s52	0s10	8n19	2n14	12s56	0s45	22s27	0n54	15s18	16s43	22n51	22n50	25n12	2s20	5n 2
T 2	23 4	11 41	5 17	17 43	2 11	24 21	1 30	16 29	0 25	22 53	0 10	8 18	2 13	12 56	0 45	22 27	0 54	15 18	16 43	22 51	22 50	25 12	2 20	5 2
W 3	23 8	6 38	5 14	18 13	2 1	24 15	1 31	16 41	0 24	22 54	0 11	8 17	2 13	12 56	0 45	22 27	0 54	15 18	16 44	22 51	22 49	25 13	2 19	5 3
T 4	23 12	1 10	4 55	18 43	1 50	24 8	1 32	16 54	0 23	22 54	0 11	8 16	2 13	12 57	0 45	22 28	0 54	15 18	16 44	22 51	22 49	25 13	2 19	5 3
F 5	23 16	4s31	4 20	19 14	1 38	24 0	1 34	17 7	0 23	22 55	0 11	8 15	2 13	12 57	0 46	22 28	0 54	15 18	16 44	22 51	22 49	25 13	2 19	5 3
S 6	23 19	10 12	3 28	19 44	1 27	23 52	1 35	17 19	0 22	22 56	0 11	8 13	2 13	12 57	0 46	22 28	0 54	15 19	16 45	22 51	22 48	25 14	2 19	5 3
S 7	23 22	15 32	2 22	20 13	1 16	23 43	1 36	17 31	0 21	22 57	0 11	8 12	2 13	12 57	0 46	22 28	0 54	15 19	16 45	22 51	22 48	25 14	2 18	5 4
M 8	23 25	20 5	1 5	20 43	1 4	23 33	1 37	17 43	0 21	22 58	0 11	8 11	2 12	12 57	0 46	22 28	0 54	15 19	16 45	22 51	22 48	25 14	2 18	5 4
T 9	23 27	23 25	0s17	21 11	0 52	23 22	1 38	17 55	0 20	22 59	0 12	8 9	2 12	12 58	0 46	22 28	0 54	15 19	16 46	22 51	22 47	25 14	2 18	5 4
W10	23 29	25 6	1 40	21 38	0 40	23 11	1 38	18 6	0 19	23 0	0 12	8 8	2 12	12 58	0 46	22 28	0 54	15 19	16 46	22 51	22 47	25 15	2 18	5 4
T 11	23 30	24 55	2 55	22 5	0 28	22 59	1 39	18 18	0 19	23 1	0 12	8 7	2 12	12 58	0 46	22 28	0 54	15 20	16 46	22 51	22 47	25 15	2 18	5 5
F 12	23 31	22 55	3 57	22 30	0 17	22 47	1 40	18 29	0 18	23 1	0 12	8 5	2 12	12 59	0 46	22 28	0 54	15 20	16 47	22 51	22 46	25 15	2 18	5 5
S 13	23 31	19 25	4 43	22 53	0 5	22 34	1 40	18 40	0 17	23 2	0 12	8 4	2 11	12 59	0 46	22 28	0 54	15 20	16 47	22 51	22 46	25 15	2 17	5 5
S 14	23 32	14 50	5 9	23 14	0n 6	22 20	1 41	18 51	0 17	23 3	0 12	8 2	2 11	12 59	0 46	22 28	0 54	15 20	16 48	22 50	22 46	25 15	2 17	5 5
M15	23 31	9 35	5 16	23 34	0 17	22 6	1 41	19 2	0 16	23 4	0 13	8 1	2 11	13 0	0 46	22 28	0 54	15 21	16 48	22 50	22 45	25 16	2 17	5 5
T 16	23 30	4 3	5 6	23 51	0 27	21 51	1 42	19 12	0 15	23 5	0 13	7 59	2 11	13 0	0 46	22 29	0 54	15 21	16 48	22 50	22 45	25 16	2 17	5 6
W17	23 29	1n31	4 39	24 6	0 38	21 35	1 42	19 23	0 15	23 6	0 13	7 57	2 11	13 0	0 46	22 29	0 54	15 21	16 49	22 50	22 45	25 16	2 17	5 6
T 18	23 28	6 52	3 59	24 18	0 47	21 19	1 42	19 33	0 14	23 7	0 13	7 56	2 11	13 1	0 46	22 29	0 54	15 21	16 49	22 50	22 44	25 16	2 17	5 6
F 19	23 26	11 50	3 9	24 28	0 56	21 2	1 42	19 43	0 13	23 8	0 13	7 54	2 10	13 1	0 46	22 29	0 54	15 22	16 49	22 51	22 44	25 16	2 17	5 6
S 20	23 23	16 15	2 11	24 35	1 5	20 45	1 43	19 53	0 13	23 9	0 13	7 52	2 10	13 2	0 46	22 29	0 54	15 22	16 50	22 51	22 44	25 17	2 17	5 7
S 21	23 20	19 56	1 8	24 39	1 12	20 27	1 43	20 3	0 12	23 9	0 13	7 51	2 10	13 2	0 46	22 29	0 54	15 22	16 50	22 51	22 43	25 17	2 17	5 7
M22	23 17	22 45	0 3	24 40	1 19	20 8	1 42	20 12	0 11	23 10	0 14	7 49	2 10	13 3	0 46	22 29	0 54	15 23	16 51	22 51	22 43	25 17	2 18	5 7
T 23	23 14	24 32	1n 2	24 38	1 26	19 49	1 42	20 21	0 10	23 11	0 14	7 47	2 10	13 3	0 46	22 29	0 54	15 23	16 51	22 51	22 43	25 17	2 18	5 7
W24	23 10	25 14	2 4	24 34	1 31	19 30	1 42	20 30	0 10	23 12	0 14	7 45	2 10	13 4	0 46	22 29	0 54	15 23	16 51	22 51	22 42	25 17	2 18	5 7
T 25	23 5	24 46	3 0	24 27	1 36	19 10	1 42	20 39	0 9	23 13	0 14	7 43	2 9	13 4	0 46	22 29	0 54	15 24	16 52	22 50	22 42	25 17	2 18	5 8
F 26	23 0	23 12	3 49	24 17	1 40	18 49	1 41	20 48	0 8	23 14	0 14	7 41	2 9	13 5	0 46	22 29	0 54	15 24	16 52	22 50	22 42	25 17	2 18	5 8
S 27	22 55	20 36	4 28	24 4	1 44	18 28	1 41	20 56	0 8	23 15	0 14	7 40	2 9	13 5	0 46	22 30	0 54	15 25	16 52	22 50	22 41	25 17	2 18	5 8
S 28	22 49	17 6	4 56	23 50	1 46	18 7	1 40	21 5	0 7	23 15	0 14	7 38	2 9	13 6	0 46	22 30	0 53	15 25	16 53	22 49	22 41	25 18	2 19	5 8
M29	22 43	12 51	5 11	23 33	1 48	17 45	1 40	21 13	0 6	23 16	0 15	7 36	2 9	13 6	0 46	22 30	0 53	15 25	16 53	22 49	22 41	25 18	2 19	5 9
T 30	22n37	8n 1	5n12	23n13	1n49	17n22	1n39	21n21	0s 5	23s17	0s15	7n34	2n 9	13s 7	0s46	22s30	0n53	15s26	16s53	22n48	22n40	25n18	2s19	5n 9

Julian Day Number = 2207722.5, Delta T = 09m35s
Ecliptic obliquity = 23°31'35, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°25'45, Lahiri = 14°32'45 Julian Calendar 1 June 1332 == Greg. Calendar 9 June 1332

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ASTRODIENST EPHEMERIS for the year 1332
geocentric

JULY 1332 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	19 8 10	16♋31'51	4♎28	25♋46	18♌12	6♊57	11°R15	15♍58	27°R28	6°R 3	0°R 3	16°R 9	14♊52	13♋27	12°R 0	W 1
T 2	19 12 7	17°29'06	17°25	27°44	19°24	7°39	11♑ 7	16° 3	27♒26	6♑ 1	0♈ 3	16°D 8	14°49	13°34	11♓59	T 2
F 3	19 16 3	18°26'21	0♏44	29°41	20°36	8°20	10°59	16° 8	27°24	6° 0	0° 3	16♊ 9	14°45	13°41	11°58	F 3
S 4	19 20 0	19°23'36	14°27	1♌36	21°47	9° 0	10°52	16°13	27°23	5°58	0° 2	16°10	14°42	13°47	11°56	S 4
S 5	19 23 57	20°20'52	28°36	3°29	22°59	9°41	10°44	16°18	27°21	5°56	0° 2	16°11	14°39	13°54	11°55	S 5
M 6	19 27 53	21°18'08	13♐ 9	5°21	24°11	10°22	10°37	16°24	27°19	5°55	0° 2	16°R12	14°36	14° 1	11°53	M 6
T 7	19 31 50	22°15'25	28° 3	7°11	25°22	11° 3	10°29	16°29	27°17	5°53	0° 2	16°12	14°33	14° 7	11°52	T 7
W 8	19 35 46	23°12'42	13♑12	8°59	26°34	11°43	10°22	16°34	27°16	5°52	0° 1	16° 9	14°30	14°14	11°50	W 8
T 9	19 39 43	24°10'00	28°26	10°45	27°45	12°24	10°15	16°40	27°14	5°50	0° 1	16° 6	14°26	14°21	11°49	T 9
F 10	19 43 39	25° 7'18	13♒36	12°30	28°57	13° 5	10° 7	16°45	27°12	5°49	0° 0	16° 1	14°23	14°27	11°47	F 10
S 11	19 47 36	26° 4'38	28°31	14°13	0♍ 8	13°45	10° 0	16°51	27°10	5°47	0° 0	15°55	14°20	14°34	11°45	S 11
S 12	19 51 32	27° 1'58	13♓ 4	15°54	1°20	14°25	9°53	16°56	27° 8	5°46	29♓59	15°49	14°17	14°41	11°43	S 12
M13	19 55 29	27°59'20	27° 9	17°34	2°31	15° 6	9°46	17° 2	27° 6	5°44	29°59	15°44	14°14	14°47	11°42	M13
T 14	19 59 26	28°56'42	10♈46	19°12	3°42	15°46	9°39	17° 8	27° 4	5°43	29°59	15°41	14°10	14°54	11°40	T 14
W15	20 3 22	29°54'06	23°55	20°48	4°54	16°26	9°32	17°13	27° 2	5°41	29°58	15°40	14° 7	15° 1	11°38	W15
T 16	20 7 19	0♌51'31	6♉39	22°22	6° 5	17° 6	9°26	17°19	27° 0	5°40	29°58	15°D40	14° 4	15° 7	11°36	T 16
F 17	20 11 15	1°48'57	19° 2	23°55	7°16	17°46	9°19	17°25	26°58	5°39	29°57	15°41	14° 1	15°14	11°34	F 17
S 18	20 15 12	2°46'25	1♊10	25°26	8°27	18°26	9°12	17°31	26°56	5°37	29°57	15°42	13°58	15°21	11°32	S 18
S 19	20 19 8	3°43'54	13° 6	26°56	9°38	19° 6	9° 6	17°37	26°54	5°36	29°56	15°R43	13°55	15°27	11°30	S 19
M20	20 23 5	4°41'24	24°56	28°23	10°49	19°46	9° 0	17°43	26°52	5°34	29°56	15°42	13°51	15°34	11°28	M20
T 21	20 27 1	5°38'55	6♋43	29°49	12° 0	20°26	8°53	17°49	26°49	5°33	29°55	15°40	13°48	15°41	11°26	T 21
W22	20 30 58	6°36'28	18°31	1♍14	13°11	21° 6	8°47	17°55	26°47	5°32	29°54	15°35	13°45	15°47	11°23	W22
T 23	20 34 55	7°34'02	0♌22	2°36	14°22	21°45	8°41	18° 1	26°45	5°30	29°54	15°29	13°42	15°54	11°21	T 23
F 24	20 38 51	8°31'37	12°19	3°57	15°32	22°25	8°36	18° 8	26°43	5°29	29°53	15°20	13°39	16° 1	11°19	F 24
S 25	20 42 48	9°29'13	24°22	5°15	16°43	23° 4	8°30	18°14	26°41	5°28	29°52	15°10	13°36	16° 7	11°17	S 25
S 26	20 46 44	10°26'51	6♍33	6°32	17°54	23°44	8°24	18°20	26°38	5°27	29°52	15° 0	13°32	16°14	11°14	S 26
M27	20 50 41	11°24'29	18°54	7°47	19° 4	24°23	8°19	18°27	26°36	5°25	29°51	14°50	13°29	16°21	11°12	M27
T 28	20 54 37	12°22'09	1♎26	9° 0	20°15	25° 2	8°14	18°33	26°34	5°24	29°50	14°42	13°26	16°27	11°10	T 28
W29	20 58 34	13°19'49	14°10	10°10	21°25	25°41	8° 9	18°40	26°31	5°23	29°50	14°36	13°23	16°34	11° 7	W29
T 30	21 2 30	14°17'31	27°10	11°19	22°36	26°21	8° 4	18°46	26°29	5°22	29°49	14°33	13°20	16°41	11° 5	T 30
F 31	21 6 27	15♌15'14	10♏26	12♍25	23♍46	27♊ 0	7♑59	18♍53	26♒27	5♑21	29♓48	14°D31	13♊16	16♋47	11♓ 2	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	22n30	2n46	4n57	22n52	1n50	16n59	1n38	21n29	0s 5	23s18	0s15	7n32	2n 9	13s 7	0s46	22s30	0n53	15s26	16s54	22n48	22n40	25n18	2s19	5n 9
T 2	22 23	2s44	4 28	22 29	1 50	16 36	1 37	21 36	0 4	23 19	0 15	7 30	2 8	13 8	0 46	22 30	0 53	15 27	16 54	22 48	22 39	25 18	2 20	5 9
F 3	22 15	8 17	3 43	22 4	1 49	16 12	1 36	21 43	0 3	23 19	0 15	7 27	2 8	13 9	0 46	22 30	0 53	15 27	16 55	22 48	22 39	25 18	2 20	5 9
S 4	22 7	13 37	2 45	21 37	1 47	15 48	1 35	21 51	0 2	23 20	0 15	7 25	2 8	13 9	0 46	22 30	0 53	15 27	16 55	22 48	22 39	25 18	2 20	5 9
S 5	21 59	18 23	1 35	21 9	1 45	15 23	1 34	21 57	0 2	23 21	0 15	7 23	2 8	13 10	0 47	22 30	0 53	15 28	16 55	22 48	22 38	25 18	2 21	5 10
M 6	21 50	22 11	0 17	20 40	1 43	14 58	1 33	22 4	0 1	23 22	0 16	7 21	2 8	13 10	0 47	22 30	0 53	15 28	16 56	22 49	22 38	25 18	2 21	5 10
T 7	21 41	24 35	1s 4	20 9	1 39	14 33	1 32	22 11	0 0	23 22	0 16	7 19	2 8	13 11	0 47	22 30	0 53	15 29	16 56	22 48	22 38	25 18	2 22	5 10
W 8	21 31	25 13	2 22	19 37	1 36	14 7	1 30	22 17	0n 1	23 23	0 16	7 17	2 8	13 12	0 47	22 30	0 53	15 29	16 56	22 48	22 37	25 18	2 22	5 10
T 9	21 21	23 58	3 30	19 4	1 32	13 41	1 29	22 23	0 1	23 24	0 16	7 14	2 8	13 12	0 47	22 31	0 53	15 30	16 57	22 48	22 37	25 18	2 22	5 10
F 10	21 11	20 59	4 22	18 30	1 27	13 15	1 27	22 29	0 2	23 24	0 16	7 12	2 7	13 13	0 47	22 31	0 53	15 30	16 57	22 47	22 37	25 18	2 23	5 11
S 11	21 1	16 39	4 56	17 56	1 22	12 48	1 26	22 35	0 3	23 25	0 16	7 10	2 7	13 14	0 47	22 31	0 53	15 31	16 57	22 47	22 36	25 18	2 23	5 11
S 12	20 50	11 26	5 10	17 20	1 16	12 21	1 24	22 40	0 4	23 26	0 16	7 8	2 7	13 14	0 47	22 31	0 53	15 31	16 58	22 46	22 36	25 18	2 24	5 11
M13	20 38	5 47	5 4	16 44	1 10	11 53	1 22	22 46	0 4	23 26	0 17	7 5	2 7	13 15	0 47	22 31	0 53	15 31	16 58	22 46	22 35	25 18	2 25	5 11
T 14	20 27	0 2	4 41	16 8	1 4	11 26	1 20	22 51	0 5	23 27	0 17	7 3	2 7	13 16	0 47	22 31	0 53	15 32	16 58	22 45	22 35	25 18	2 25	5 11
W15	20 15	5n32	4 4	15 31	0 57	10 58	1 18	22 56	0 6	23 28	0 17	7 1	2 7	13 17	0 47	22 31	0 53	15 32	16 59	22 45	22 35	25 18	2 26	5 11
T 16	20 2	10 42	3 16	14 54	0 50	10 30	1 16	23 1	0 7	23 28	0 17	6 58	2 7	13 17	0 47	22 31	0 53	15 33	16 59	22 45	22 34	25 18	2 26	5 11
F 17	19 50	15 19	2 19	14 16	0 43	10 1	1 14	23 5	0 8	23 29	0 17	6 56	2 7	13 18	0 47	22 31	0 53	15 33	16 59	22 45	22 34	25 18	2 27	5 12
S 18	19 37	19 12	1 18	13 38	0 35	9 33	1 12	23 10	0 8	23 29	0 17	6 53	2 6	13 19	0 47	22 31	0 53	15 34	17 0	22 45	22 34	25 18	2 27	5 12
S 19	19 23	22 13	0 14	13 1	0 27	9 4	1 10	23 14	0 9	23 30	0 17	6 51	2 6	13 20	0 47	22 31	0 53	15 34	17 0	22 45	22 33	25 18	2 28	5 12
M20	19 10	24 15	0n50	12 22	0 19	8 34	1 7	23 18	0 10	23 31	0 17	6 48	2 6	13 20	0 47	22 32	0 53	15 35	17 0	22 45	22 33	25 18	2 29	5 12
T 21	18 56	25 12	1 51	11 44	0 11	8 5	1 5	23 21	0 11	23 31	0 17	6 46	2 6	13 21	0 47	22 32	0 53	15 36	17 1	22 45	22 32	25 18	2 29	5 12
W22	18 41	25 0	2 47	11 6	0 2	7 36	1 2	23 25	0 12	23 32	0 18	6 43	2 6	13 22	0 47	22 32	0 53	15 36	17 1	22 45	22 32	25 18	2 30	5 12
T 23	18 27	23 40	3 36	10 28	0s 7	7 6	1 0	23 28	0 12	23 32	0 18	6 41	2 6	13 23	0 47	22 32	0 53	15 37	17 1	22 44	22 32	25 18	2 31	5 12
F 24	18 12	21 16	4 16	9 51	0 16	6 36	0 57	23 32	0 13	23 33	0 18	6 38	2 6	13 23	0 47	22 32	0 53	15 37	17 2	22 43	22 31	25 18	2 32	5 13
S 25	17 57	17 56	4 45	9 13	0 26	6 6	0 54	23 35	0 14	23 33	0 18	6 36	2 6	13 24	0 47	22 32	0 53	15 38	17 2	22 42	22 31	25 18	2 32	5 13
S 26	17 41	13 48	5 2	8 36	0 35	5 36	0 52	23 37	0 15	23 34	0 18	6 33	2 6	13 25	0 47	22 32	0 53	15 38	17 2	22 41	22 30	25 18	2 33	5 13
M27	17 25	9 4	5 4	7 59	0 45	5 5	0 49	23 40	0 16	23 34	0 18	6 31	2 6	13 26	0 47	22 32	0 53	15 39	17 2	22 40	22 30	25 18	2 34	5 13
T 28	17 9	3 54	4 52	7 23	0 55	4 35	0 46	23 42	0 16	23 34	0 18	6 28	2 6	13 27	0 47	22 32	0 53	15 39	17 3	22 39	22 30	25 18	2 35	5 13
W29	16 53	1s32	4 26	6 47	1 5	4 4	0 43	23 45	0 17	23 35	0 18	6 25	2 5	13 27	0 47	22 32	0 53	15 40	17 3	22 38	22 29	25 18	2 36	5 13
T 30	16 36	7 0	3 45	6 12	1 15	3 33	0 40	23 47	0 18	23 35	0 18	6 23	2 5	13 28	0 47	22 32	0 53	15 40	17 3	22 38	22 29	25 18	2 36	5 13
F 31	16n19	12s17	2n52	5n37	1s25	3n 3	0n37	23n48	0n19	23s36	0s19	6n20	2n 5	13s29	0s47	22s32	0n53	15s41	17s 4	22n37	22n29	25n17	2s37	5n13

Julian Day Number = 2207752.5, Delta T = 09m35s
Ecliptic obliquity = 23°31'36, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°25'49, Lahiri = 14°32'49 Julian Calendar 1 July 1332 == Greg. Calendar 9 July 1332

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ASTRODIENST EPHEMERIS for the year 1332
geocentric

AUGUST 1332 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	21 10 24	16♌12'58	24♏ 2	13♍29	24♍56	27♊39	7°R54	18♍59	26°R24	5°R19	29°R47	14♊31	13♊13	16♋54	11°R 0	S 1
S 2	21 14 20	17°10'43	7♐59	14°30	26° 6	28°17	7♑50	19° 6	26♒22	5♑18	29♓46	14°R32	13°10	17° 1	10♓57	S 2
M 3	21 18 17	18° 8'29	22°17	15°29	27°16	28°56	7°46	19°13	26°20	5°17	29°46	14°32	13° 7	17° 7	10°55	M 3
T 4	21 22 13	19° 6'17	6♑55	16°25	28°26	29°35	7°42	19°19	26°17	5°16	29°45	14°30	13° 4	17°14	10°52	T 4
W 5	21 26 10	20° 4'06	21°49	17°18	29°36	0♋14	7°38	19°26	26°15	5°15	29°44	14°26	13° 1	17°21	10°50	W 5
T 6	21 30 6	21° 1'56	6♒52	18° 8	0♎46	0°52	7°34	19°33	26°13	5°14	29°43	14°19	12°57	17°27	10°47	T 6
F 7	21 34 3	21°59'47	21°55	18°54	1°56	1°31	7°30	19°40	26°10	5°13	29°42	14°10	12°54	17°34	10°44	F 7
S 8	21 37 59	22°57'40	6♓49	19°38	3° 6	2° 9	7°27	19°46	26° 8	5°12	29°41	14° 0	12°51	17°41	10°42	S 8
S 9	21 41 56	23°55'35	21°23	20°17	4°15	2°47	7°24	19°53	26° 5	5°11	29°40	13°50	12°48	17°47	10°39	S 9
M10	21 45 53	24°53'31	5♈33	20°53	5°25	3°26	7°20	20° 0	26° 3	5°10	29°40	13°41	12°45	17°54	10°36	M10
T 11	21 49 49	25°51'29	19°14	21°25	6°34	4° 4	7°18	20° 7	26° 1	5° 9	29°39	13°34	12°41	18° 1	10°34	T 11
W12	21 53 46	26°49'29	2♉27	21°52	7°44	4°42	7°15	20°14	25°58	5° 9	29°38	13°29	12°38	18° 7	10°31	W12
T 13	21 57 42	27°47'31	15°14	22°14	8°53	5°20	7°12	20°21	25°56	5° 8	29°37	13°27	12°35	18°14	10°28	T 13
F 14	22 1 39	28°45'35	27°38	22°32	10° 2	5°58	7°10	20°28	25°53	5° 7	29°36	13°D26	12°32	18°21	10°25	F 14
S 15	22 5 35	29°43'41	9♊45	22°44	11°11	6°36	7° 8	20°35	25°51	5° 6	29°35	13°R27	12°29	18°27	10°23	S 15
S 16	22 9 32	0♍41'49	21°41	22°51	12°20	7°14	7° 6	20°42	25°49	5° 5	29°34	13°26	12°26	18°34	10°20	S 16
M17	22 13 28	1°39'59	3♋30	22°R52	13°29	7°51	7° 4	20°50	25°46	5° 5	29°33	13°25	12°22	18°41	10°17	M17
T 18	22 17 25	2°38'11	15°17	22°47	14°38	8°29	7° 2	20°57	25°44	5° 4	29°32	13°21	12°19	18°47	10°14	T 18
W19	22 21 22	3°36'25	27° 8	22°35	15°47	9° 6	7° 1	21° 4	25°42	5° 3	29°31	13°15	12°16	18°54	10°11	W19
T 20	22 25 18	4°34'41	9♌ 4	22°18	16°56	9°44	7° 0	21°11	25°39	5° 3	29°30	13° 5	12°13	19° 1	10° 9	T 20
F 21	22 29 15	5°32'58	21° 8	21°53	18° 4	10°21	6°59	21°18	25°37	5° 2	29°29	12°54	12°10	19° 7	10° 6	F 21
S 22	22 33 11	6°31'18	3♍23	21°23	19°13	10°59	6°58	21°26	25°34	5° 2	29°27	12°40	12° 7	19°14	10° 3	S 22
S 23	22 37 8	7°29'39	15°49	20°46	20°21	11°36	6°57	21°33	25°32	5° 1	29°26	12°27	12° 3	19°21	10° 0	S 23
M24	22 41 4	8°28'02	28°26	20° 3	21°29	12°13	6°57	21°40	25°30	5° 0	29°25	12°14	12° 0	19°27	9°57	M24
T 25	22 45 1	9°26'27	11♎14	19°14	22°37	12°50	6°57	21°47	25°28	5° 0	29°24	12° 3	11°57	19°34	9°54	T 25
W26	22 48 57	10°24'54	24°13	18°20	23°45	13°27	6°D57	21°55	25°25	5° 0	29°23	11°54	11°54	19°41	9°52	W26
T 27	22 52 54	11°23'22	7♏23	17°23	24°53	14° 4	6°57	22° 2	25°23	4°59	29°22	11°48	11°51	19°47	9°49	T 27
F 28	22 56 50	12°21'53	20°46	16°22	26° 1	14°40	6°57	22° 9	25°21	4°59	29°21	11°46	11°47	19°54	9°46	F 28
S 29	23 0 47	13°20'24	4♐23	15°19	27° 9	15°17	6°58	22°17	25°18	4°58	29°20	11°45	11°44	20° 1	9°43	S 29
S 30	23 4 44	14°18'58	18°14	14°16	28°16	15°53	6°58	22°24	25°16	4°58	29°19	11°45	11°41	20° 7	9°40	S 30
M31	23 8 40	15♍17'33	2♑20	13♍14	29♎24	16♋30	6♑59	22♍31	25♒14	4♑58	29♓17	11♊44	11♊38	20♋14	9♓37	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	16n 2	17s 7	1n47	5n 3	1s35	2n32	0n33	23n50	0n20	23s36	0s19	6n18	2n 5	13s30	0s47	22s32	0n53	15s41	17s 4	22n37	22n28	25n17	2s38	5n13
S 2	15 45	21 9	0 35	4 30	1 45	2 1	0 30	23 51	0 20	23 36	0 19	6 15	2 5	13 31	0 47	22 33	0 53	15 42	17 4	22 38	22 28	25 17	2 39	5 13
M 3	15 27	23 59	0s41	3 58	1 56	1 30	0 27	23 53	0 21	23 37	0 19	6 12	2 5	13 31	0 47	22 33	0 53	15 43	17 4	22 38	22 27	25 17	2 40	5 13
T 4	15 9	25 17	1 56	3 27	2 6	0 59	0 23	23 54	0 22	23 37	0 19	6 9	2 5	13 32	0 47	22 33	0 53	15 43	17 5	22 37	22 27	25 17	2 41	5 13
W 5	14 51	24 47	3 5	2 57	2 16	0 28	0 20	23 54	0 23	23 37	0 19	6 7	2 5	13 33	0 47	22 33	0 53	15 44	17 5	22 37	22 27	25 17	2 42	5 14
T 6	14 32	22 30	4 1	2 28	2 27	0s 4	0 16	23 55	0 24	23 38	0 19	6 4	2 5	13 34	0 47	22 33	0 53	15 44	17 5	22 36	22 26	25 17	2 43	5 14
F 7	14 14	18 40	4 40	2 0	2 37	0 35	0 13	23 56	0 25	23 38	0 19	6 1	2 5	13 35	0 47	22 33	0 53	15 45	17 5	22 35	22 26	25 16	2 44	5 14
S 8	13 55	13 41	5 0	1 34	2 47	1 6	0 9	23 56	0 25	23 38	0 19	5 59	2 5	13 35	0 47	22 33	0 52	15 45	17 6	22 34	22 25	25 16	2 45	5 14
S 9	13 36	8 1	5 0	1 9	2 56	1 37	0 5	23 56	0 26	23 39	0 19	5 56	2 5	13 36	0 47	22 33	0 52	15 46	17 6	22 33	22 25	25 16	2 46	5 14
M10	13 16	2 5	4 41	0 47	3 6	2 8	0 2	23 56	0 27	23 39	0 19	5 53	2 5	13 37	0 47	22 33	0 52	15 47	17 6	22 32	22 25	25 16	2 47	5 14
T 11	12 57	3n45	4 6	0 26	3 15	2 39	0s 2	23 56	0 28	23 39	0 20	5 50	2 5	13 38	0 47	22 33	0 52	15 47	17 6	22 31	22 24	25 16	2 48	5 14
W12	12 37	9 15	3 20	0 7	3 24	3 10	0 6	23 55	0 29	23 39	0 20	5 47	2 5	13 39	0 47	22 33	0 52	15 48	17 6	22 30	22 24	25 16	2 49	5 14
T 13	12 17	14 10	2 24	0s10	3 33	3 41	0 10	23 55	0 30	23 39	0 20	5 45	2 5	13 40	0 47	22 33	0 52	15 48	17 7	22 30	22 23	25 15	2 50	5 14
F 14	11 57	18 21	1 23	0 24	3 41	4 12	0 14	23 54	0 31	23 40	0 20	5 42	2 5	13 40	0 47	22 33	0 52	15 49	17 7	22 30	22 23	25 15	2 51	5 14
S 15	11 37	21 40	0 20	0 36	3 49	4 43	0 18	23 53	0 31	23 40	0 20	5 39	2 5	13 41	0 47	22 33	0 52	15 49	17 7	22 30	22 22	25 15	2 52	5 14
S 16	11 16	23 59	0n44	0 45	3 55	5 14	0 22	23 52	0 32	23 40	0 20	5 36	2 4	13 42	0 47	22 34	0 52	15 50	17 7	22 30	22 22	25 15	2 53	5 14
M17	10 55	25 13	1 44	0 51	4 2	5 45	0 26	23 51	0 33	23 40	0 20	5 33	2 4	13 43	0 47	22 34	0 52	15 51	17 7	22 30	22 22	25 14	2 54	5 14
T 18	10 34	25 18	2 40	0 54	4 7	6 15	0 30	23 49	0 34	23 40	0 20	5 30	2 4	13 44	0 47	22 34	0 52	15 51	17 8	22 29	22 21	25 14	2 55	5 14
W19	10 13	24 14	3 29	0 53	4 11	6 46	0 34	23 48	0 35	23 41	0 20	5 28	2 4	13 44	0 47	22 34	0 52	15 52	17 8	22 28	22 21	25 14	2 56	5 14
T 20	9 52	22 4	4 9	0 49	4 14	7 16	0 38	23 46	0 36	23 41	0 20	5 25	2 4	13 45	0 47	22 34	0 52	15 52	17 8	22 27	22 20	25 14	2 57	5 14
F 21	9 31	18 54	4 39	0 41	4 16	7 46	0 43	23 44	0 37	23 41	0 20	5 22	2 4	13 46	0 47	22 34	0 52	15 53	17 8	22 26	22 20	25 13	2 58	5 14
S 22	9 9	14 54	4 56	0 29	4 16	8 16	0 47	23 42	0 38	23 41	0 20	5 19	2 4	13 47	0 47	22 34	0 52	15 53	17 8	22 24	22 20	25 13	2 59	5 14
S 23	8 47	10 12	4 59	0 14	4 15	8 46	0 51	23 39	0 38	23 41	0 20	5 16	2 4	13 48	0 47	22 34	0 52	15 54	17 8	22 22	22 19	25 13	3 0	5 14
M24	8 25	5 2	4 48	0n 6	4 12	9 16	0 56	23 37	0 39	23 41	0 21	5 13	2 4	13 48	0 47	22 34	0 52	15 55	17 9	22 21	22 19	25 13	3 1	5 14
T 25	8 4	0s26	4 22	0 29	4 7	9 45	1 0	23 34	0 40	23 41	0 21	5 10	2 4	13 49	0 47	22 34	0 52	15 55	17 9	22 19	22 18	25 12	3 2	5 14
W26	7 41	5 58	3 43	0 56	4 1	10 15	1 4	23 32	0 41	23 41	0 21	5 7	2 4	13 50	0 47	22 34	0 52	15 56	17 9	22 18	22 18	25 12	3 4	5 13
T 27	7 19	11 20	2 51	1 27	3 52	10 44	1 9	23 29	0 42	23 41	0 21	5 4	2 4	13 51	0 47	22 34	0 52	15 56	17 9	22 17	22 17	25 12	3 5	5 13
F 28	6 57	16 16	1 48	2 0	3 41	11 13	1 13	23 26	0 43	23 41	0 21	5 2	2 4	13 51	0 47	22 34	0 52	15 57	17 9	22 17	22 17	25 11	3 6	5 13
S 29	6 34	20 28	0 39	2 36	3 29	11 42	1 17	23 22	0 44	23 41	0 21	4 59	2 4	13 52	0 47	22 34	0 52	15 57	17 9	22 17	22 17	25 11	3 7	5 13
S 30	6 12	23 34	0s34	3 13	3 15	12 10	1 22	23 19	0 45	23 41	0 21	4 56	2 4	13 53	0 47	22 34	0 52	15 58	17 9	22 17	22 16	25 11	3 8	5 13
M31	5n49	25s17	1s47	3n52	2s59	12s39	1s26	23n16	0n46	23s41	0s21	4n53	2n 4	13s54	0s47	22s34	0n52	15s58	17s 9	22n17	22n16	25n10	3s 9	5n13

Julian Day Number = 2207783.5, Delta T = 09m35s
Ecliptic obliquity = 23°31'36, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°25'53, Lahiri = 14°32'53 Julian Calendar 1 Aug. 1332 == Greg. Calendar 9 Aug. 1332

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ASTRODIENST EPHEMERIS for the year 1332
geocentric

SEPTEMBER 1332 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	23 12 37	16♍16'10	16♉41	12°R15	0♏31	17♋ 6	7♉ 0	22♍39	25°R12	4°R58	29°R16	11°R42	11♊35	20♋21	9°R35	T 1
W 2	23 16 33	17°14'48	1♒14	11♍20	1°38	17°42	7° 2	22°46	25♒10	4♉57	29♓15	11♊37	11°32	20°27	9♓32	W 2
T 3	23 20 30	18°13'29	15°54	10°30	2°45	18°19	7° 3	22°53	25° 7	4°57	29°14	11°30	11°28	20°34	9°29	T 3
F 4	23 24 26	19°12'11	0♓37	9°47	3°52	18°55	7° 5	23° 1	25° 5	4°57	29°13	11°20	11°25	20°41	9°26	F 4
S 5	23 28 23	20°10'54	15°13	9°12	4°59	19°31	7° 7	23° 8	25° 3	4°57	29°12	11° 8	11°22	20°47	9°23	S 5
S 6	23 32 19	21° 9'40	29°35	8°46	6° 5	20° 6	7° 9	23°16	25° 1	4°57	29°11	10°57	11°19	20°54	9°21	S 6
M 7	23 36 16	22° 8'28	13♈37	8°29	7°11	20°42	7°11	23°23	24°59	4°57	29° 9	10°46	11°16	21° 1	9°18	M 7
T 8	23 40 13	23° 7'18	27°15	8°D23	8°18	21°18	7°14	23°30	24°57	4°57	29° 8	10°38	11°13	21° 7	9°15	T 8
W 9	23 44 9	24° 6'10	10♉28	8°26	9°24	21°53	7°16	23°38	24°55	4°D57	29° 7	10°32	11° 9	21°14	9°12	W 9
T 10	23 48 6	25° 5'05	23°16	8°40	10°29	22°29	7°19	23°45	24°53	4°57	29° 6	10°29	11° 6	21°21	9°10	T 10
F 11	23 52 2	26° 4'01	5♊42	9° 4	11°35	23° 4	7°22	23°53	24°51	4°57	29° 5	10°D28	11° 3	21°27	9° 7	F 11
S 12	23 55 59	27° 3'01	17°51	9°37	12°41	23°40	7°25	24° 0	24°49	4°57	29° 4	10°28	11° 0	21°34	9° 4	S 12
S 13	23 59 55	28° 2'02	29°48	10°19	13°46	24°15	7°28	24° 7	24°47	4°57	29° 2	10°R28	10°57	21°41	9° 2	S 13
M14	0 3 52	29° 1'06	11♋38	11°10	14°51	24°50	7°32	24°15	24°46	4°57	29° 1	10°27	10°53	21°48	8°59	M14
T 15	0 7 48	0♎ 0'12	23°27	12° 8	15°56	25°25	7°36	24°22	24°44	4°57	29° 0	10°24	10°50	21°54	8°57	T 15
W16	0 11 45	0°59'21	5♌20	13°13	17° 1	25°59	7°40	24°30	24°42	4°58	28°59	10°19	10°47	22° 1	8°54	W16
T 17	0 15 42	1°58'31	17°21	14°25	18° 5	26°34	7°44	24°37	24°40	4°58	28°58	10°12	10°44	22° 8	8°51	T 17
F 18	0 19 38	2°57'44	29°33	15°43	19°10	27° 9	7°48	24°44	24°38	4°58	28°56	10° 2	10°41	22°14	8°49	F 18
S 19	0 23 35	3°56'59	11♍59	17° 5	20°14	27°43	7°52	24°52	24°37	4°58	28°55	9°50	10°38	22°21	8°46	S 19
S 20	0 27 31	4°56'17	24°40	18°32	21°18	28°18	7°57	24°59	24°35	4°59	28°54	9°38	10°34	22°28	8°44	S 20
M21	0 31 28	5°55'36	7♎35	20° 2	22°21	28°52	8° 2	25° 6	24°33	4°59	28°53	9°27	10°31	22°34	8°41	M21
T 22	0 35 24	6°54'58	20°44	21°35	23°25	29°26	8° 7	25°14	24°32	5° 0	28°52	9°17	10°28	22°41	8°39	T 22
W23	0 39 21	7°54'21	4♏ 5	23°11	24°28	29°59	8°12	25°21	24°30	5° 0	28°51	9°10	10°25	22°48	8°37	W23
T 24	0 43 17	8°53'47	17°37	24°49	25°31	0♌34	8°17	25°28	24°29	5° 1	28°49	9° 6	10°22	22°54	8°34	T 24
F 25	0 47 14	9°53'14	1♐18	26°28	26°33	1° 7	8°23	25°35	24°27	5° 1	28°48	9° 4	10°18	23° 1	8°32	F 25
S 26	0 51 11	10°52'43	15° 7	28° 9	27°36	1°41	8°28	25°43	24°26	5° 2	28°47	9°D 3	10°15	23° 8	8°30	S 26
S 27	0 55 7	11°52'14	29° 4	29°50	28°38	2°14	8°34	25°50	24°25	5° 2	28°46	9° 4	10°12	23°14	8°27	S 27
M28	0 59 4	12°51'47	13♑ 8	1♎33	29°40	2°48	8°40	25°57	24°23	5° 3	28°45	9°R 5	10° 9	23°21	8°25	M28
T 29	1 3 0	13°51'22	27°18	3°15	0♐41	3°21	8°46	26° 4	24°22	5° 4	28°44	9° 4	10° 6	23°28	8°23	T 29
W30	1 6 57	14♎50'58	11♒32	4♎58	1♐42	3♌54	8♑53	26♍12	24♒21	5♑ 4	28♓43	9♊ 1	10♊ 3	23♋34	8♓21	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	5n26	25s21	2s53	4n30	2s42	13s 7	1s31	23n12	0n47	23s41	0s21	4n50	2n 4	13s54	0s47	22s34	0n52	15s59	17s10	22n16	22n15	25n10	3s10	5n13
W 2	5 3	23 42	3 50	5 8	2 23	13 34	1 35	23 8	0 47	23 41	0 21	4 47	2 4	13 55	0 47	22 34	0 52	15 59	17 10	22 16	22 15	25 10	3 12	5 13
T 3	4 40	20 26	4 32	5 45	2 4	14 2	1 40	23 4	0 48	23 41	0 21	4 44	2 4	13 56	0 47	22 35	0 52	16 0	17 10	22 15	22 14	25 9	3 13	5 13
F 4	4 17	15 54	4 55	6 19	1 44	14 29	1 44	23 0	0 49	23 41	0 21	4 41	2 4	13 57	0 47	22 35	0 52	16 1	17 10	22 13	22 14	25 9	3 14	5 13
S 5	3 54	10 27	5 0	6 51	1 24	14 56	1 48	22 56	0 50	23 41	0 21	4 38	2 4	13 57	0 47	22 35	0 51	16 1	17 10	22 12	22 14	25 9	3 15	5 13
S 6	3 31	4 31	4 45	7 19	1 4	15 22	1 53	22 52	0 51	23 41	0 21	4 35	2 4	13 58	0 47	22 35	0 51	16 2	17 10	22 10	22 13	25 8	3 16	5 12
M 7	3 8	1n30	4 13	7 44	0 45	15 49	1 57	22 47	0 52	23 41	0 21	4 32	2 5	13 59	0 47	22 35	0 51	16 2	17 10	22 9	22 13	25 8	3 17	5 12
T 8	2 44	7 18	3 28	8 4	0 26	16 14	2 2	22 43	0 53	23 41	0 21	4 30	2 5	13 59	0 47	22 35	0 51	16 3	17 10	22 7	22 12	25 8	3 18	5 12
W 9	2 21	12 37	2 32	8 19	0 8	16 40	2 6	22 38	0 54	23 41	0 22	4 27	2 5	14 0	0 47	22 35	0 51	16 3	17 10	22 7	22 12	25 7	3 20	5 12
T 10	1 58	17 12	1 30	8 30	0n10	17 5	2 10	22 33	0 55	23 41	0 22	4 24	2 5	14 1	0 47	22 35	0 51	16 4	17 10	22 6	22 11	25 7	3 21	5 12
F 11	1 34	20 55	0 25	8 36	0 25	17 30	2 15	22 28	0 56	23 41	0 22	4 21	2 5	14 1	0 47	22 35	0 51	16 4	17 10	22 6	22 11	25 6	3 22	5 12
S 12	1 11	23 37	0n39	8 37	0 40	17 54	2 19	22 23	0 57	23 41	0 22	4 18	2 5	14 2	0 47	22 35	0 51	16 5	17 10	22 6	22 10	25 6	3 23	5 12
S 13	0 47	25 12	1 41	8 33	0 54	18 18	2 23	22 18	0 58	23 41	0 22	4 15	2 5	14 2	0 47	22 35	0 51	16 5	17 10	22 6	22 10	25 6	3 24	5 11
M14	0 24	25 38	2 38	8 25	1 6	18 42	2 28	22 12	0 59	23 40	0 22	4 12	2 5	14 3	0 47	22 35	0 51	16 6	17 10	22 6	22 10	25 5	3 25	5 11
T 15	0s 0	24 53	3 28	8 13	1 16	19 5	2 32	22 7	1 0	23 40	0 22	4 9	2 5	14 4	0 47	22 35	0 51	16 6	17 10	22 5	22 9	25 5	3 26	5 11
W16	0 24	23 1	4 9	7 56	1 26	19 28	2 36	22 1	1 1	23 40	0 22	4 6	2 5	14 4	0 47	22 35	0 51	16 6	17 10	22 5	22 9	25 4	3 27	5 11
T 17	0 47	20 7	4 39	7 36	1 34	19 51	2 40	21 56	1 2	23 40	0 22	4 3	2 5	14 5	0 47	22 35	0 51	16 7	17 10	22 4	22 8	25 4	3 29	5 11
F 18	1 11	16 18	4 58	7 12	1 40	20 13	2 44	21 50	1 3	23 40	0 22	4 1	2 5	14 5	0 47	22 35	0 51	16 7	17 10	22 2	22 8	25 3	3 30	5 11
S 19	1 35	11 44	5 2	6 45	1 46	20 34	2 49	21 44	1 4	23 40	0 22	3 58	2 5	14 6	0 47	22 35	0 51	16 8	17 10	22 0	22 7	25 3	3 31	5 10
S 20	1 58	6 36	4 52	6 15	1 50	20 55	2 53	21 38	1 5	23 39	0 22	3 55	2 5	14 6	0 47	22 35	0 51	16 8	17 10	21 59	22 7	25 2	3 32	5 10
M21	2 22	1 4	4 27	5 42	1 54	21 16	2 57	21 32	1 6	23 39	0 22	3 52	2 5	14 7	0 47	22 35	0 51	16 9	17 10	21 57	22 6	25 2	3 33	5 10
T 22	2 45	4s36	3 48	5 7	1 56	21 36	3 1	21 26	1 7	23 39	0 22	3 49	2 5	14 7	0 47	22 35	0 51	16 9	17 10	21 55	22 6	25 1	3 34	5 10
W23	3 9	10 11	2 55	4 31	1 57	21 56	3 4	21 20	1 8	23 39	0 22	3 46	2 5	14 8	0 46	22 35	0 51	16 10	17 10	21 54	22 5	25 1	3 35	5 10
T 24	3 32	15 21	1 52	3 52	1 58	22 15	3 8	21 14	1 9	23 38	0 22	3 43	2 5	14 8	0 46	22 35	0 51	16 10	17 10	21 54	22 5	25 0	3 36	5 9
F 25	3 56	19 49	0 41	3 12	1 57	22 34	3 12	21 7	1 10	23 38	0 22	3 41	2 6	14 9	0 46	22 35	0 51	16 10	17 10	21 53	22 5	25 0	3 37	5 9
S 26	4 19	23 14	0s32	2 31	1 56	22 52	3 16	21 1	1 11	23 38	0 22	3 38	2 6	14 9	0 46	22 35	0 51	16 11	17 10	21 53	22 4	24 59	3 38	5 9
S 27	4 43	25 17	1 45	1 49	1 55	23 10	3 19	20 54	1 12	23 37	0 22	3 35	2 6	14 10	0 46	22 35	0 51	16 11	17 10	21 53	22 4	24 59	3 39	5 9
M28	5 6	25 44	2 52	1 6	1 52	23 27	3 23	20 48	1 13	23 37	0 22	3 32	2 6	14 10	0 46	22 35	0 51	16 11	17 10	21 54	22 3	24 58	3 40	5 9
T 29	5 29	24 31	3 49	0 22	1 49	23 44	3 26	20 41	1 14	23 37	0 23	3 29	2 6	14 11	0 46	22 35	0 51	16 12	17 9	21 53	22 3	24 58	3 41	5 8
W30	5s52	21s44	4s32	0s22	1n46	24s 0	3s30	20n34	1n15	23s36	0s23	3n27	2n 6	14s11	0s46	22s35	0n51	16s12	17s 9	21n53	22n 2	24n57	3s42	5n 8

Julian Day Number = 2207814.5, Delta T = 09m35s
Ecliptic obliquity = 23°31'37, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°25'57, Lahiri = 14°32'58 Julian Calendar 1 Sept. 1332 == Greg. Calendar 9 Sept. 1332

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ASTRODIENST EPHEMERIS for the year 1332
geocentric

OCTOBER 1332 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	1 10 53	15♎50'36	25♒49	6♎41	2♐43	4♌27	8♉59	26♍19	24°R19	5♉ 5	28°R41	8°R56	9♊59	23♋41	8°R19	T 1
F 2	1 14 50	16°50'16	10♓ 4	8°25	3°43	5° 0	9° 6	26°26	24♒18	5° 6	28♓40	8♊49	9°56	23°48	8♓17	F 2
S 3	1 18 46	17°49'58	24°13	10° 7	4°43	5°32	9°13	26°33	24°17	5° 7	28°39	8°40	9°53	23°54	8°15	S 3
S 4	1 22 43	18°49'41	8♈11	11°50	5°43	6° 5	9°20	26°40	24°16	5° 7	28°38	8°32	9°50	24° 1	8°13	S 4
M 5	1 26 40	19°49'26	21°54	13°32	6°42	6°37	9°27	26°47	24°15	5° 8	28°37	8°24	9°47	24° 8	8°11	M 5
T 6	1 30 36	20°49'14	5♉18	15°14	7°41	7° 9	9°34	26°54	24°14	5° 9	28°36	8°18	9°44	24°14	8° 9	T 6
W 7	1 34 33	21°49'03	18°22	16°56	8°40	7°41	9°41	27° 1	24°13	5°10	28°35	8°14	9°40	24°21	8° 7	W 7
T 8	1 38 29	22°48'55	1♊ 5	18°37	9°38	8°13	9°49	27° 8	24°12	5°11	28°34	8°12	9°37	24°28	8° 5	T 8
F 9	1 42 26	23°48'49	13°30	20°18	10°35	8°45	9°56	27°15	24°11	5°12	28°33	8°D12	9°34	24°35	8° 4	F 9
S 10	1 46 22	24°48'45	25°39	21°58	11°32	9°16	10° 4	27°22	24°10	5°13	28°32	8°13	9°31	24°41	8° 2	S 10
S 11	1 50 19	25°48'43	7♋37	23°38	12°29	9°48	10°12	27°28	24°10	5°14	28°31	8°14	9°28	24°48	8° 0	S 11
M12	1 54 15	26°48'44	19°29	25°17	13°25	10°19	10°20	27°35	24° 9	5°15	28°30	8°16	9°24	24°55	7°59	M12
T 13	1 58 12	27°48'46	1♌19	26°56	14°21	10°50	10°29	27°42	24° 8	5°16	28°29	8°R16	9°21	25° 1	7°57	T 13
W14	2 2 9	28°48'51	13°13	28°34	15°16	11°21	10°37	27°49	24° 8	5°17	28°28	8°15	9°18	25° 8	7°55	W14
T 15	2 6 5	29°48'58	25°16	0♏12	16°10	11°52	10°45	27°55	24° 7	5°19	28°27	8°12	9°15	25°15	7°54	T 15
F 16	2 10 2	0♏49'07	7♍31	1°49	17° 4	12°22	10°54	28° 2	24° 6	5°20	28°26	8° 7	9°12	25°21	7°53	F 16
S 17	2 13 58	1°49'18	20° 3	3°26	17°58	12°53	11° 3	28° 9	24° 6	5°21	28°25	8° 1	9° 9	25°28	7°51	S 17
S 18	2 17 55	2°49'31	2♎53	5° 3	18°51	13°23	11°12	28°15	24° 6	5°22	28°24	7°55	9° 5	25°35	7°50	S 18
M19	2 21 51	3°49'46	16° 3	6°39	19°43	13°53	11°21	28°22	24° 5	5°24	28°23	7°49	9° 2	25°41	7°49	M19
T 20	2 25 48	4°50'03	29°31	8°15	20°34	14°22	11°30	28°28	24° 5	5°25	28°22	7°44	8°59	25°48	7°47	T 20
W21	2 29 44	5°50'21	13♏16	9°50	21°25	14°52	11°39	28°35	24° 5	5°26	28°21	7°40	8°56	25°55	7°46	W21
T 22	2 33 41	6°50'42	27°15	11°25	22°15	15°21	11°49	28°41	24° 4	5°28	28°20	7°38	8°53	26° 1	7°45	T 22
F 23	2 37 37	7°51'04	11♐23	13° 0	23° 4	15°51	11°58	28°47	24° 4	5°29	28°19	7°D38	8°50	26° 8	7°44	F 23
S 24	2 41 34	8°51'28	25°36	14°34	23°52	16°20	12° 8	28°54	24° 4	5°30	28°18	7°39	8°46	26°15	7°43	S 24
S 25	2 45 31	9°51'53	9♑52	16° 8	24°40	16°48	12°18	29° 0	24° 4	5°32	28°18	7°40	8°43	26°22	7°42	S 25
M26	2 49 27	10°52'20	24° 7	17°42	25°27	17°17	12°28	29° 6	24°D 4	5°33	28°17	7°42	8°40	26°28	7°41	M26
T 27	2 53 24	11°52'48	8♒19	19°15	26°13	17°45	12°38	29°12	24° 4	5°35	28°16	7°R42	8°37	26°35	7°40	T 27
W28	2 57 20	12°53'17	22°26	20°48	26°57	18°13	12°48	29°18	24° 4	5°36	28°15	7°42	8°34	26°42	7°40	W28
T 29	3 1 17	13°53'47	6♓26	22°21	27°41	18°41	12°58	29°24	24° 4	5°38	28°14	7°41	8°30	26°48	7°39	T 29
F 30	3 5 13	14°54'19	20°18	23°54	28°24	19° 9	13° 8	29°30	24° 4	5°40	28°14	7°38	8°27	26°55	7°38	F 30
S 31	3 9 10	15♏54'52	3♈59	25♏26	29♐ 6	19♌36	13♉19	29♍36	24♒ 5	5♉41	28♓13	7♊35	8♊24	27♋ 2	7♓38	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	6s15	17s38	4s58	1s 6	1n42	24s15	3s33	20n27	1n17	23s36	0s23	3n24	2n 6	14s11	0s46	22s35	0n50	16s13	17s 9	21n52	22n 2	24n57	3s43	5n 8
F 2	6 38	12 32	5 6	1 51	1 38	24 30	3 36	20 21	1 18	23 35	0 23	3 21	2 6	14 12	0 46	22 35	0 50	16 13	17 9	21 51	22 1	24 56	3 44	5 8
S 3	7 1	6 49	4 55	2 36	1 33	24 45	3 39	20 14	1 19	23 35	0 23	3 18	2 6	14 12	0 46	22 35	0 50	16 13	17 9	21 50	22 1	24 56	3 45	5 7
S 4	7 24	0 49	4 27	3 21	1 28	24 59	3 42	20 7	1 20	23 35	0 23	3 16	2 6	14 12	0 46	22 35	0 50	16 14	17 9	21 48	22 0	24 55	3 46	5 7
M 5	7 47	5n 7	3 43	4 5	1 23	25 12	3 45	20 0	1 21	23 34	0 23	3 13	2 7	14 13	0 46	22 35	0 50	16 14	17 9	21 47	22 0	24 55	3 47	5 7
T 6	8 9	10 42	2 48	4 50	1 18	25 25	3 48	19 52	1 22	23 34	0 23	3 10	2 7	14 13	0 46	22 35	0 50	16 14	17 9	21 46	21 59	24 54	3 48	5 7
W 7	8 32	15 40	1 45	5 34	1 12	25 37	3 50	19 45	1 23	23 33	0 23	3 8	2 7	14 13	0 46	22 35	0 50	16 14	17 9	21 46	21 59	24 53	3 49	5 6
T 8	8 54	19 49	0 38	6 18	1 6	25 49	3 53	19 38	1 24	23 33	0 23	3 5	2 7	14 14	0 46	22 35	0 50	16 15	17 8	21 45	21 58	24 53	3 50	5 6
F 9	9 17	22 59	0n29	7 2	1 0	26 0	3 55	19 31	1 25	23 32	0 23	3 2	2 7	14 14	0 46	22 35	0 50	16 15	17 8	21 45	21 58	24 52	3 51	5 6
S 10	9 39	25 1	1 33	7 45	0 54	26 10	3 58	19 24	1 27	23 32	0 23	3 0	2 7	14 14	0 46	22 35	0 50	16 15	17 8	21 45	21 58	24 52	3 52	5 5
S 11	10 1	25 51	2 33	8 28	0 47	26 20	4 0	19 16	1 28	23 31	0 23	2 57	2 7	14 14	0 46	22 35	0 50	16 16	17 8	21 46	21 57	24 51	3 53	5 5
M12	10 22	25 29	3 25	9 11	0 41	26 29	4 2	19 9	1 29	23 30	0 23	2 55	2 7	14 15	0 46	22 35	0 50	16 16	17 8	21 46	21 57	24 50	3 54	5 5
T 13	10 44	23 59	4 9	9 53	0 34	26 38	4 4	19 1	1 30	23 30	0 23	2 52	2 8	14 15	0 46	22 35	0 50	16 16	17 8	21 46	21 56	24 50	3 54	5 5
W14	11 6	21 25	4 42	10 34	0 28	26 46	4 5	18 54	1 31	23 29	0 23	2 49	2 8	14 15	0 46	22 35	0 50	16 16	17 7	21 46	21 56	24 49	3 55	5 4
T 15	11 27	17 54	5 3	11 15	0 21	26 54	4 7	18 47	1 32	23 29	0 23	2 47	2 8	14 15	0 46	22 35	0 50	16 17	17 7	21 45	21 55	24 48	3 56	5 4
F 16	11 48	13 35	5 11	11 55	0 15	27 1	4 8	18 39	1 34	23 28	0 23	2 44	2 8	14 15	0 46	22 35	0 50	16 17	17 7	21 44	21 55	24 48	3 57	5 4
S 17	12 9	8 37	5 4	12 35	0 8	27 7	4 10	18 32	1 35	23 27	0 23	2 42	2 8	14 15	0 46	22 35	0 50	16 17	17 7	21 44	21 54	24 47	3 58	5 3
S 18	12 30	3 10	4 42	13 14	0 1	27 13	4 11	18 24	1 36	23 26	0 23	2 39	2 8	14 15	0 46	22 35	0 50	16 17	17 7	21 43	21 54	24 46	3 58	5 3
M19	12 50	2s34	4 5	13 52	0s 6	27 18	4 11	18 17	1 37	23 26	0 23	2 37	2 8	14 16	0 46	22 35	0 50	16 17	17 6	21 42	21 53	24 46	3 59	5 3
T 20	13 11	8 20	3 13	14 30	0 12	27 23	4 12	18 9	1 39	23 25	0 23	2 35	2 9	14 16	0 46	22 35	0 50	16 17	17 6	21 41	21 53	24 45	4 0	5 2
W21	13 31	13 49	2 9	15 7	0 19	27 27	4 13	18 1	1 40	23 24	0 24	2 32	2 9	14 16	0 46	22 35	0 50	16 18	17 6	21 40	21 52	24 44	4 1	5 2
T 22	13 51	18 42	0 57	15 43	0 25	27 31	4 13	17 54	1 41	23 23	0 24	2 30	2 9	14 16	0 46	22 35	0 50	16 18	17 6	21 40	21 52	24 44	4 1	5 2
F 23	14 11	22 34	0s21	16 18	0 32	27 34	4 13	17 46	1 42	23 23	0 24	2 27	2 9	14 16	0 46	22 35	0 50	16 18	17 5	21 40	21 51	24 43	4 2	5 2
S 24	14 30	25 4	1 37	16 53	0 38	27 36	4 13	17 39	1 44	23 22	0 24	2 25	2 9	14 16	0 45	22 35	0 50	16 18	17 5	21 40	21 51	24 42	4 3	5 1
S 25	14 50	25 57	2 48	17 26	0 45	27 38	4 13	17 31	1 45	23 21	0 24	2 23	2 9	14 16	0 45	22 35	0 50	16 18	17 5	21 40	21 50	24 42	4 3	5 1
M26	15 9	25 6	3 48	17 59	0 51	27 39	4 12	17 24	1 46	23 20	0 24	2 20	2 10	14 16	0 45	22 35	0 50	16 18	17 5	21 40	21 50	24 41	4 4	5 1
T 27	15 27	22 39	4 34	18 31	0 57	27 40	4 12	17 16	1 48	23 19	0 24	2 18	2 10	14 16	0 45	22 35	0 50	16 18	17 4	21 41	21 49	24 40	4 5	5 0
W28	15 46	18 51	5 3	19 2	1 3	27 40	4 11	17 9	1 49	23 18	0 24	2 16	2 10	14 16	0 45	22 35	0 50	16 18	17 4	21 40	21 49	24 39	4 5	5 0
T 29	16 4	14 2	5 14	19 33	1 9	27 40	4 9	17 1	1 50	23 17	0 24	2 14	2 10	14 16	0 45	22 35	0 49	16 18	17 4	21 40	21 48	24 39	4 6	5 0
F 30	16 22	8 33	5 7	20 2	1 15	27 39	4 8	16 54	1 52	23 16	0 24	2 11	2 10	14 15	0 45	22 35	0 49	16 19	17 4	21 40	21 48	24 38	4 6	4 59
S 31	16s40	2s43	4s42	20s30	1s21	27s38	4s 6	16n47	1n53	23s15	0s24	2n 9	2n10	14s15	0s45	22s35	0n49	16s19	17s 3	21n39	21n47	24n37	4s 7	4n59

Julian Day Number = 2207844.5, Delta T = 09m34s
Ecliptic obliquity = 23°31'37, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°26'01, Lahiri = 14°33'02 Julian Calendar 1 Oct. 1332 == Greg. Calendar 9 Oct. 1332

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ASTRODIENST EPHEMERIS for the year 1332
geocentric

NOVEMBER 1332 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	3 13 6	16♏55'27	17♈29	26♏58	29♐46	20♌ 3	13♑29	29♍42	24♒ 5	5♑43	28°R12	7°R32	8♊21	27♋ 8	7°R37	S 1
M 2	3 17 3	17°56'02	0♉45	28°30	0♑26	20°30	13°40	29°47	24° 5	5°44	28♓11	7♊29	8°18	27°15	7♓37	M 2
T 3	3 21 0	18°56'39	13°47	0♐ 2	1° 4	20°57	13°51	29°53	24° 6	5°46	28°11	7°27	8°15	27°22	7°36	T 3
W 4	3 24 56	19°57'18	26°34	1°33	1°41	21°23	14° 2	29°59	24° 6	5°48	28°10	7°25	8°11	27°28	7°36	W 4
T 5	3 28 53	20°57'58	9♊ 6	3° 4	2°17	21°50	14°13	0♎ 4	24° 6	5°50	28° 9	7°D25	8° 8	27°35	7°35	T 5
F 6	3 32 49	21°58'40	21°25	4°35	2°51	22°15	14°24	0°10	24° 7	5°51	28° 9	7°26	8° 5	27°42	7°35	F 6
S 7	3 36 46	22°59'23	3♋31	6° 6	3°24	22°41	14°35	0°15	24° 8	5°53	28° 8	7°27	8° 2	27°48	7°35	S 7
S 8	3 40 42	24° 0'08	15°28	7°37	3°55	23° 6	14°46	0°21	24° 8	5°55	28° 8	7°28	7°59	27°55	7°35	S 8
M 9	3 44 39	25° 0'54	27°20	9° 7	4°25	23°32	14°58	0°26	24° 9	5°57	28° 7	7°29	7°56	28° 2	7°35	M 9
T 10	3 48 36	26° 1'42	9♌10	10°37	4°53	23°56	15° 9	0°31	24°10	5°58	28° 6	7°30	7°52	28° 9	7°D35	T 10
W11	3 52 32	27° 2'31	21° 4	12° 6	5°20	24°21	15°21	0°36	24°10	6° 0	28° 6	7°31	7°49	28°15	7°35	W11
T 12	3 56 29	28° 3'22	3♍ 5	13°35	5°45	24°45	15°32	0°41	24°11	6° 2	28° 5	7°R31	7°46	28°22	7°35	T 12
F 13	4 0 25	29° 4'14	15°18	15° 4	6° 8	25° 9	15°44	0°46	24°12	6° 4	28° 5	7°31	7°43	28°29	7°35	F 13
S 14	4 4 22	0♐ 5'07	27°49	16°32	6°29	25°33	15°56	0°51	24°13	6° 6	28° 4	7°30	7°40	28°35	7°35	S 14
S 15	4 8 18	1° 6'02	10♎40	17°59	6°48	25°56	16° 8	0°56	24°14	6° 8	28° 4	7°29	7°36	28°42	7°35	S 15
M16	4 12 15	2° 6'58	23°54	19°26	7° 6	26°19	16°20	1° 1	24°15	6°10	28° 4	7°28	7°33	28°49	7°36	M16
T 17	4 16 11	3° 7'56	7♏33	20°52	7°21	26°41	16°32	1° 6	24°16	6°12	28° 3	7°28	7°30	28°55	7°36	T 17
W18	4 20 8	4° 8'54	21°34	22°17	7°34	27° 4	16°44	1°10	24°17	6°14	28° 3	7°27	7°27	29° 2	7°36	W18
T 19	4 24 5	5° 9'54	5♐54	23°41	7°45	27°25	16°56	1°15	24°19	6°16	28° 2	7°D27	7°24	29° 9	7°37	T 19
F 20	4 28 1	6°10'55	20°29	25° 4	7°54	27°47	17° 9	1°19	24°20	6°18	28° 2	7°27	7°21	29°15	7°38	F 20
S 21	4 31 58	7°11'57	5♑12	26°25	8° 1	28° 8	17°21	1°24	24°21	6°20	28° 2	7°R27	7°17	29°22	7°38	S 21
S 22	4 35 54	8°12'59	19°56	27°44	8° 5	28°29	17°34	1°28	24°23	6°22	28° 2	7°27	7°14	29°29	7°39	S 22
M23	4 39 51	9°14'03	4♒35	29° 1	8°R 7	28°49	17°46	1°32	24°24	6°24	28° 1	7°27	7°11	29°36	7°40	M23
T 24	4 43 47	10°15'06	19° 2	0♑16	8° 6	29° 9	17°59	1°36	24°25	6°26	28° 1	7°27	7° 8	29°42	7°40	T 24
W25	4 47 44	11°16'10	3♓15	1°28	8° 3	29°29	18°11	1°41	24°27	6°28	28° 1	7°27	7° 5	29°49	7°41	W25
T 26	4 51 40	12°17'15	17°12	2°37	7°58	29°48	18°24	1°44	24°28	6°30	28° 1	7°D27	7° 2	29°56	7°42	T 26
F 27	4 55 37	13°18'19	0♈51	3°42	7°50	0♍ 7	18°37	1°48	24°30	6°32	28° 0	7°27	6°58	0♌ 2	7°43	F 27
S 28	4 59 34	14°19'24	14°14	4°42	7°39	0°25	18°50	1°52	24°32	6°35	28° 0	7°27	6°55	0° 9	7°44	S 28
S 29	5 3 30	15°20'30	27°20	5°38	7°26	0°43	19° 3	1°56	24°33	6°37	28° 0	7°28	6°52	0°16	7°45	S 29
M30	5 7 27	16♐21'36	10♉13	6♑28	7♑10	1♍ 1	19♑16	1♎59	24♒35	6♑39	28♓ 0	7♊29	6♊49	0♌22	7♓46	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	16s57	3n10	4s 1	20s57	1s26	27s36	4s 4	16n39	1n54	23s14	0s24	2n 7	2n11	14s15	0s45	22s35	0n49	16s19	17s 3	21n39	21n47	24n36	4s 7	4n59	S 1
M 2	17 14	8 50	3 9	21 23	1 32	27 33	4 2	16 32	1 56	23 13	0 24	2 5	2 11	14 15	0 45	22 35	0 49	16 19	17 3	21 38	21 46	24 36	4 8	4 58	M 2
T 3	17 31	14 1	2 7	21 49	1 37	27 30	3 59	16 25	1 57	23 12	0 24	2 3	2 11	14 15	0 45	22 35	0 49	16 19	17 3	21 38	21 46	24 35	4 8	4 58	T 3
W 4	17 48	18 30	1 0	22 13	1 42	27 27	3 56	16 18	1 58	23 11	0 24	2 1	2 11	14 15	0 45	22 35	0 49	16 19	17 2	21 38	21 45	24 34	4 9	4 58	W 4
T 5	18 4	22 3	0n 9	22 36	1 47	27 23	3 53	16 10	2 0	23 10	0 24	1 59	2 11	14 15	0 45	22 35	0 49	16 19	17 2	21 38	21 45	24 33	4 9	4 57	T 5
F 6	18 20	24 31	1 17	22 57	1 51	27 19	3 49	16 3	2 1	23 9	0 24	1 57	2 12	14 14	0 45	22 35	0 49	16 19	17 2	21 38	21 44	24 32	4 10	4 57	F 6
S 7	18 35	25 48	2 19	23 18	1 56	27 14	3 46	15 56	2 3	23 8	0 24	1 55	2 12	14 14	0 45	22 35	0 49	16 19	17 1	21 38	21 44	24 32	4 10	4 57	S 7
S 8	18 50	25 52	3 15	23 38	2 0	27 9	3 41	15 49	2 4	23 6	0 24	1 53	2 12	14 14	0 45	22 35	0 49	16 19	17 1	21 38	21 43	24 31	4 10	4 56	S 8
M 9	19 5	24 44	4 3	23 56	2 4	27 4	3 37	15 42	2 6	23 5	0 24	1 51	2 12	14 14	0 45	22 34	0 49	16 19	17 1	21 38	21 43	24 30	4 11	4 56	M 9
T 10	19 20	22 31	4 39	24 13	2 7	26 58	3 32	15 35	2 7	23 4	0 24	1 49	2 13	14 13	0 45	22 34	0 49	16 18	17 0	21 39	21 42	24 29	4 11	4 56	T 10
W11	19 34	19 19	5 4	24 29	2 10	26 51	3 27	15 29	2 9	23 3	0 25	1 47	2 13	14 13	0 45	22 34	0 49	16 18	17 0	21 39	21 42	24 28	4 11	4 55	W11
T 12	19 48	15 19	5 16	24 43	2 13	26 45	3 21	15 22	2 10	23 1	0 25	1 45	2 13	14 13	0 45	22 34	0 49	16 18	17 0	21 39	21 41	24 28	4 12	4 55	T 12
F 13	20 1	10 38	5 14	24 56	2 16	26 38	3 15	15 15	2 12	23 0	0 25	1 44	2 13	14 12	0 45	22 34	0 49	16 18	17 0	21 39	21 41	24 27	4 12	4 55	F 13
S 14	20 15	5 25	4 57	25 8	2 18	26 30	3 8	15 9	2 13	22 59	0 25	1 42	2 13	14 12	0 45	22 34	0 49	16 18	16 59	21 38	21 40	24 26	4 12	4 54	S 14
S 15	20 27	0s10	4 26	25 18	2 19	26 22	3 1	15 2	2 15	22 57	0 25	1 40	2 14	14 12	0 45	22 34	0 49	16 18	16 59	21 38	21 40	24 25	4 12	4 54	S 15
M16	20 40	5 55	3 39	25 27	2 21	26 14	2 54	14 56	2 16	22 56	0 25	1 38	2 14	14 11	0 45	22 34	0 49	16 18	16 59	21 38	21 39	24 24	4 12	4 54	M16
T 17	20 52	11 35	2 39	25 34	2 22	26 5	2 46	14 49	2 18	22 55	0 25	1 37	2 14	14 11	0 45	22 34	0 49	16 18	16 58	21 38	21 38	24 23	4 13	4 53	T 17
W18	21 3	16 49	1 27	25 40	2 22	25 56	2 38	14 43	2 20	22 53	0 25	1 35	2 14	14 10	0 45	22 34	0 49	16 18	16 58	21 38	21 38	24 22	4 13	4 53	W18
T 19	21 14	21 14	0 9	25 44	2 22	25 47	2 29	14 37	2 21	22 52	0 25	1 33	2 15	14 10	0 45	22 34	0 49	16 17	16 58	21 38	21 37	24 21	4 13	4 53	T 19
F 20	21 25	24 23	1s12	25 47	2 21	25 37	2 20	14 31	2 23	22 50	0 25	1 32	2 15	14 10	0 45	22 34	0 49	16 17	16 57	21 38	21 37	24 21	4 13	4 52	F 20
S 21	21 35	25 53	2 28	25 48	2 19	25 27	2 10	14 25	2 24	22 49	0 25	1 30	2 15	14 9	0 44	22 34	0 49	16 17	16 57	21 38	21 36	24 20	4 13	4 52	S 21
S 22	21 45	25 35	3 35	25 48	2 17	25 17	2 0	14 20	2 26	22 47	0 25	1 29	2 15	14 9	0 44	22 34	0 49	16 17	16 56	21 38	21 36	24 19	4 13	4 52	S 22
M23	21 55	23 30	4 27	25 46	2 15	25 6	1 50	14 14	2 28	22 45	0 25	1 27	2 16	14 8	0 44	22 34	0 49	16 17	16 56	21 38	21 35	24 18	4 13	4 51	M23
T 24	22 4	19 56	5 1	25 43	2 11	24 55	1 39	14 9	2 30	22 44	0 25	1 26	2 16	14 8	0 44	22 33	0 49	16 16	16 56	21 38	21 35	24 17	4 13	4 51	T 24
W25	22 13	15 16	5 17	25 38	2 7	24 44	1 27	14 3	2 31	22 42	0 25	1 25	2 16	14 7	0 44	22 33	0 49	16 16	16 55	21 38	21 34	24 16	4 13	4 51	W25
T 26	22 21	9 52	5 13	25 31	2 1	24 32	1 15	13 58	2 33	22 41	0 25	1 23	2 16	14 7	0 44	22 33	0 49	16 16	16 55	21 38	21 34	24 15	4 13	4 50	T 26
F 27	22 29	4 7	4 51	25 24	1 55	24 20	1 2	13 53	2 35	22 39	0 25	1 22	2 16	14 6	0 44	22 33	0 49	16 16	16 55	21 38	21 33	24 14	4 13	4 50	F 27
S 28	22 36	1n43	4 14	25 14	1 48	24 8	0 50	13 48	2 36	22 37	0 25	1 21	2 17	14 5	0 44	22 33	0 49	16 15	16 54	21 38	21 33	24 13	4 13	4 50	S 28
S 29	22 43	7 23	3 25	25 4	1 40	23 55	0 36	13 43	2 38	22 35	0 25	1 19	2 17	14 5	0 44	22 33	0 49	16 15	16 54	21 38	21 32	24 12	4 13	4 49	S 29
M30	22s50	12n38	2s26	24s52	1s30	23s42	0s22	13n39	2n40	22s34	0s26	1n18	2n17	14s 4	0s44	22s33	0n49	16s15	16s54	21n38	21n32	24n11	4s13	4n49	M30

Julian Day Number = 2207875.5, Delta T = 09m34s
Ecliptic obliquity = 23°31'37, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°26'06, Lahiri = 14°33'06 Julian Calendar 1 Nov. 1332 == Greg. Calendar 9 Nov. 1332

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ASTRODIENST EPHEMERIS for the year 1332
geocentric

DECEMBER 1332 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	5 11 23	17♐22'42	22♉52	7♑11	6°R52	1♍18	19♑29	2♎ 3	24♒37	6♑41	28°R 0	7♊30	6♊46	0♌29	7♓47	T 1
W 2	5 15 20	18°23'49	5♊19	7°47	6♑32	1°34	19°42	2° 6	24°38	6°43	28♓ 0	7°R30	6°42	0°36	7°49	W 2
T 3	5 19 16	19°24'57	17°37	8°15	6° 9	1°50	19°55	2°10	24°40	6°45	28° 0	7°30	6°39	0°43	7°50	T 3
F 4	5 23 13	20°26'05	29°45	8°33	5°44	2° 6	20° 8	2°13	24°42	6°48	28°D 0	7°29	6°36	0°49	7°51	F 4
S 5	5 27 9	21°27'13	11♋45	8°R42	5°17	2°21	20°21	2°16	24°44	6°50	28° 0	7°27	6°33	0°56	7°53	S 5
S 6	5 31 6	22°28'22	23°40	8°39	4°49	2°36	20°35	2°19	24°46	6°52	28° 0	7°25	6°30	1° 3	7°54	S 6
M 7	5 35 3	23°29'31	5♌31	8°26	4°18	2°50	20°48	2°22	24°48	6°54	28° 0	7°23	6°27	1° 9	7°56	M 7
T 8	5 38 59	24°30'40	17°21	8° 0	3°46	3° 4	21° 2	2°25	24°50	6°56	28° 0	7°20	6°23	1°16	7°57	T 8
W 9	5 42 56	25°31'51	29°14	7°23	3°13	3°17	21°15	2°28	24°52	6°59	28° 0	7°18	6°20	1°23	7°59	W 9
T 10	5 46 52	26°33'01	11♍13	6°34	2°38	3°30	21°28	2°30	24°54	7° 1	28° 0	7°16	6°17	1°29	8° 0	T 10
F 11	5 50 49	27°34'12	23°23	5°35	2° 3	3°42	21°42	2°33	24°57	7° 3	28° 0	7°D15	6°14	1°36	8° 2	F 11
S 12	5 54 45	28°35'23	5♎49	4°27	1°27	3°53	21°56	2°35	24°59	7° 5	28° 1	7°15	6°11	1°43	8° 4	S 12
S 13	5 58 42	29°36'35	18°34	3°12	0°50	4° 4	22° 9	2°38	25° 1	7° 8	28° 1	7°16	6° 8	1°50	8° 6	S 13
M14	6 2 38	0♑37'47	1♏42	1°53	0°13	4°14	22°23	2°40	25° 3	7°10	28° 1	7°18	6° 4	1°56	8° 8	M14
T 15	6 6 35	1°39'00	15°17	0°31	29♐37	4°24	22°37	2°42	25° 6	7°12	28° 1	7°19	6° 1	2° 3	8°10	T 15
W16	6 10 32	2°40'13	29°19	29♐11	29° 1	4°33	22°50	2°44	25° 8	7°14	28° 1	7°20	5°58	2°10	8°12	W16
T 17	6 14 28	3°41'26	13♐48	27°53	28°25	4°41	23° 4	2°46	25°11	7°17	28° 2	7°R20	5°55	2°16	8°14	T 17
F 18	6 18 25	4°42'39	28°38	26°41	27°51	4°49	23°18	2°48	25°13	7°19	28° 2	7°19	5°52	2°23	8°16	F 18
S 19	6 22 21	5°43'52	13♑42	25°37	27°17	4°56	23°32	2°50	25°16	7°21	28° 2	7°16	5°48	2°30	8°18	S 19
S 20	6 26 18	6°45'04	28°51	24°41	26°45	5° 3	23°46	2°51	25°18	7°24	28° 3	7°12	5°45	2°36	8°20	S 20
M21	6 30 14	7°46'17	13♒56	23°55	26°14	5° 9	24° 0	2°53	25°21	7°26	28° 3	7° 8	5°42	2°43	8°22	M21
T 22	6 34 11	8°47'29	28°47	23°18	25°45	5°14	24°14	2°54	25°23	7°28	28° 4	7° 3	5°39	2°50	8°24	T 22
W23	6 38 8	9°48'40	13♓17	22°52	25°17	5°18	24°28	2°55	25°26	7°30	28° 4	6°59	5°36	2°57	8°27	W23
T 24	6 42 4	10°49'51	27°23	22°35	24°52	5°22	24°42	2°57	25°29	7°33	28° 4	6°57	5°33	3° 3	8°29	T 24
F 25	6 46 1	11°51'01	11♈ 4	22°D28	24°29	5°25	24°56	2°58	25°31	7°35	28° 5	6°D56	5°29	3°10	8°31	F 25
S 26	6 49 57	12°52'10	24°20	22°30	24° 7	5°27	25°10	2°59	25°34	7°37	28° 5	6°57	5°26	3°17	8°34	S 26
S 27	6 53 54	13°53'18	7♉16	22°39	23°49	5°29	25°24	3° 0	25°37	7°40	28° 6	6°58	5°23	3°23	8°36	S 27
M28	6 57 50	14°54'26	19°53	22°57	23°32	5°30	25°38	3° 0	25°40	7°42	28° 7	7° 0	5°20	3°30	8°39	M28
T 29	7 1 47	15°55'34	2♊16	23°21	23°18	5°R30	25°52	3° 1	25°42	7°44	28° 7	7°R 1	5°17	3°37	8°41	T 29
W30	7 5 43	16°56'40	14°28	23°51	23° 7	5°29	26° 6	3° 2	25°45	7°46	28° 8	7° 1	5°14	3°43	8°44	W30
T 31	7 9 40	17♑57'46	26♊32	24♐27	22♐58	5♍28	26♑21	3♎ 2	25♒48	7♑49	28♓ 8	6♊59	5♊10	3♌50	8♓47	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22s56	17n16	1s20	24s39	1s19	23s29	0s 8	13n34	2n42	22s32	0s26	1n17	2n18	14s 4	0s44	22s33	0n49	16s15	16s53	21n38	21n31	24n10	4s13	4n49
W 2	23 1	21 4	0 12	24 25	1 7	23 16	0n 6	13 30	2 44	22 30	0 26	1 16	2 18	14 3	0 44	22 33	0 49	16 14	16 53	21 38	21 31	24 9	4 13	4 48
T 3	23 6	23 52	0n56	24 10	0 54	23 2	0 21	13 26	2 45	22 28	0 26	1 15	2 18	14 2	0 44	22 33	0 49	16 14	16 53	21 38	21 30	24 8	4 12	4 48
F 4	23 11	25 32	2 0	23 55	0 40	22 48	0 36	13 22	2 47	22 26	0 26	1 14	2 18	14 2	0 44	22 33	0 49	16 14	16 52	21 38	21 29	24 7	4 12	4 48
S 5	23 15	25 58	2 58	23 38	0 24	22 34	0 52	13 18	2 49	22 24	0 26	1 13	2 19	14 1	0 44	22 32	0 49	16 13	16 52	21 38	21 29	24 6	4 12	4 47
S 6	23 19	25 12	3 48	23 22	0 7	22 19	1 7	13 15	2 51	22 22	0 26	1 12	2 19	14 0	0 44	22 32	0 49	16 13	16 52	21 38	21 28	24 5	4 12	4 47
M 7	23 22	23 17	4 28	23 5	0n11	22 5	1 23	13 11	2 53	22 20	0 26	1 11	2 19	14 0	0 44	22 32	0 49	16 13	16 51	21 37	21 28	24 4	4 11	4 47
T 8	23 25	20 23	4 56	22 47	0 30	21 50	1 38	13 8	2 55	22 18	0 26	1 10	2 19	13 59	0 44	22 32	0 49	16 12	16 51	21 37	21 27	24 3	4 11	4 46
W 9	23 27	16 39	5 12	22 30	0 49	21 35	1 54	13 5	2 57	22 16	0 26	1 9	2 20	13 58	0 44	22 32	0 49	16 12	16 50	21 36	21 27	24 2	4 11	4 46
T 10	23 29	12 13	5 15	22 13	1 9	21 20	2 10	13 2	2 59	22 14	0 26	1 8	2 20	13 57	0 44	22 32	0 48	16 11	16 50	21 36	21 26	24 1	4 11	4 46
F 11	23 30	7 16	5 3	21 56	1 29	21 6	2 25	13 0	3 1	22 12	0 26	1 8	2 20	13 57	0 44	22 32	0 48	16 11	16 50	21 36	21 26	24 0	4 10	4 46
S 12	23 31	1 55	4 37	21 39	1 48	20 51	2 40	12 57	3 3	22 10	0 26	1 7	2 21	13 56	0 44	22 32	0 48	16 11	16 49	21 36	21 25	23 59	4 10	4 45
S 13	23 32	3s39	3 57	21 23	2 6	20 36	2 55	12 55	3 5	22 8	0 26	1 6	2 21	13 55	0 44	22 32	0 48	16 10	16 49	21 36	21 25	23 58	4 9	4 45
M14	23 32	9 14	3 4	21 8	2 23	20 22	3 10	12 53	3 7	22 6	0 26	1 6	2 21	13 54	0 44	22 32	0 48	16 10	16 49	21 36	21 24	23 57	4 9	4 45
T 15	23 31	14 35	1 58	20 54	2 38	20 7	3 24	12 52	3 9	22 4	0 27	1 5	2 21	13 53	0 44	22 31	0 48	16 9	16 48	21 37	21 23	23 56	4 9	4 44
W16	23 30	19 22	0 44	20 41	2 50	19 53	3 38	12 50	3 11	22 1	0 27	1 4	2 22	13 53	0 44	22 31	0 48	16 9	16 48	21 37	21 23	23 55	4 8	4 44
T 17	23 29	23 8	0s35	20 30	3 0	19 40	3 52	12 49	3 13	21 59	0 27	1 4	2 22	13 52	0 44	22 31	0 48	16 9	16 48	21 37	21 22	23 54	4 8	4 44
F 18	23 27	25 25	1 54	20 21	3 8	19 26	4 4	12 48	3 15	21 57	0 27	1 3	2 22	13 51	0 44	22 31	0 48	16 8	16 47	21 37	21 22	23 53	4 7	4 43
S 19	23 24	25 54	3 6	20 14	3 13	19 13	4 17	12 47	3 17	21 54	0 27	1 3	2 22	13 50	0 44	22 31	0 48	16 8	16 47	21 36	21 21	23 52	4 7	4 43
S 20	23 21	24 28	4 6	20 9	3 16	19 1	4 28	12 47	3 19	21 52	0 27	1 3	2 23	13 49	0 44	22 31	0 48	16 7	16 46	21 36	21 21	23 51	4 6	4 43
M21	23 18	21 17	4 47	20 6	3 17	18 49	4 39	12 46	3 21	21 50	0 27	1 2	2 23	13 48	0 44	22 31	0 48	16 7	16 46	21 35	21 20	23 50	4 6	4 43
T 22	23 14	16 46	5 9	20 6	3 16	18 38	4 49	12 46	3 23	21 47	0 27	1 2	2 23	13 47	0 44	22 31	0 48	16 6	16 46	21 34	21 20	23 48	4 5	4 42
W23	23 10	11 22	5 10	20 8	3 13	18 28	4 59	12 47	3 25	21 45	0 27	1 2	2 24	13 46	0 44	22 31	0 48	16 6	16 45	21 33	21 19	23 47	4 4	4 42
T 24	23 5	5 31	4 53	20 11	3 8	18 18	5 8	12 47	3 27	21 43	0 27	1 1	2 24	13 45	0 43	22 30	0 48	16 5	16 45	21 33	21 18	23 46	4 4	4 42
F 25	23 0	0n26	4 19	20 16	3 3	18 9	5 16	12 48	3 29	21 40	0 27	1 1	2 24	13 45	0 43	22 30	0 48	16 5	16 45	21 33	21 18	23 45	4 3	4 41
S 26	22 54	6 11	3 32	20 23	2 56	18 0	5 24	12 49	3 32	21 38	0 27	1 1	2 24	13 44	0 43	22 30	0 48	16 4	16 44	21 33	21 17	23 44	4 3	4 41
S 27	22 48	11 33	2 35	20 31	2 49	17 53	5 30	12 51	3 34	21 35	0 27	1 1	2 25	13 43	0 43	22 30	0 48	16 4	16 44	21 33	21 17	23 43	4 2	4 41
M28	22 41	16 18	1 32	20 40	2 40	17 46	5 37	12 52	3 36	21 33	0 27	1 1	2 25	13 42	0 43	22 30	0 48	16 3	16 44	21 33	21 16	23 42	4 1	4 41
T 29	22 34	20 16	0 26	20 50	2 32	17 40	5 42	12 54	3 38	21 30	0 28	1 1	2 25	13 41	0 43	22 30	0 48	16 3	16 43	21 34	21 16	23 40	4 0	4 40
W30	22 27	23 17	0n40	21 0	2 23	17 35	5 47	12 56	3 40	21 27	0 28	1 1	2 26	13 40	0 43	22 30	0 48	16 2	16 43	21 34	21 15	23 39	4 0	4 40
T 31	22s19	25n13	1n44	21s11	2n13	17s30	5n51	12n59	3n42	21s25	0s28	1n 1	2n26	13s39	0s43	22s30	0n48	16s 1	16s43	21n33	21n14	23n38	3s59	4n40

Julian Day Number = 2207905.5, Delta T = 09m34s
Ecliptic obliquity = 23°31'36, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°26'10, Lahiri = 14°33'10 Julian Calendar 1 Dec. 1332 == Greg. Calendar 9 Dec. 1332

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1333
geocentric

JANUARY 1333 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	7 13 37	18♉58'51	8♋30	25♐ 8	22°R52	5°R25	26♉35	3♎ 2	25♒51	7♉51	28♓ 9	6°R55	5♊ 7	3♌57	8♓49	F 1
S 2	7 17 33	19°59'55	20°24	25°54	22♐48	5♍22	26°49	3° 3	25°54	7°53	28°10	6♊48	5° 4	4° 4	8°52	S 2
S 3	7 21 30	21° 0'59	2♌16	26°44	22°D46	5°19	27° 3	3° 3	25°57	7°55	28°10	6°40	5° 1	4°10	8°55	S 3
M 4	7 25 26	22° 2'02	14° 7	27°37	22°47	5°14	27°17	3°R 3	26° 0	7°57	28°11	6°31	4°58	4°17	8°58	M 4
T 5	7 29 23	23° 3'04	26° 0	28°35	22°50	5° 9	27°32	3° 3	26° 3	8° 0	28°12	6°22	4°54	4°24	9° 1	T 5
W 6	7 33 19	24° 4'06	7♍55	29°35	22°56	5° 3	27°46	3° 3	26° 6	8° 2	28°12	6°13	4°51	4°30	9° 3	W 6
T 7	7 37 16	25° 5'07	19°56	0♉38	23° 4	4°56	28° 0	3° 2	26° 9	8° 4	28°13	6° 6	4°48	4°37	9° 6	T 7
F 8	7 41 12	26° 6'07	2♎ 6	1°43	23°15	4°48	28°14	3° 2	26°12	8° 6	28°14	6° 0	4°45	4°44	9° 9	F 8
S 9	7 45 9	27° 7'07	14°29	2°51	23°27	4°40	28°28	3° 1	26°15	8° 8	28°15	5°57	4°42	4°51	9°12	S 9
S 10	7 49 6	28° 8'06	27° 8	4° 0	23°42	4°30	28°43	3° 1	26°18	8°11	28°16	5°D56	4°39	4°57	9°15	S 10
M11	7 53 2	29° 9'04	10♏ 7	5°12	23°59	4°20	28°57	3° 0	26°21	8°13	28°16	5°57	4°35	5° 4	9°18	M11
T 12	7 56 59	0♒10'02	23°32	6°26	24°17	4° 9	29°11	2°59	26°25	8°15	28°17	5°58	4°32	5°11	9°21	T 12
W13	8 0 55	1°10'59	7♐24	7°41	24°38	3°58	29°25	2°58	26°28	8°17	28°18	5°R58	4°29	5°17	9°25	W13
T 14	8 4 52	2°11'55	21°44	8°58	25° 1	3°45	29°40	2°57	26°31	8°19	28°19	5°57	4°26	5°24	9°28	T 14
F 15	8 8 48	3°12'50	6♉30	10°16	25°25	3°32	29°54	2°56	26°34	8°21	28°20	5°54	4°23	5°31	9°31	F 15
S 16	8 12 45	4°13'45	21°38	11°35	25°51	3°18	0♒ 8	2°55	26°37	8°23	28°21	5°48	4°20	5°37	9°34	S 16
S 17	8 16 41	5°14'38	6♒56	12°56	26°19	3° 3	0°22	2°53	26°41	8°26	28°22	5°40	4°16	5°44	9°37	S 17
M18	8 20 38	6°15'30	22°16	14°18	26°49	2°48	0°37	2°52	26°44	8°28	28°23	5°30	4°13	5°51	9°41	M18
T 19	8 24 35	7°16'20	7♓24	15°41	27°20	2°31	0°51	2°50	26°47	8°30	28°24	5°20	4°10	5°58	9°44	T 19
W20	8 28 31	8°17'09	22°12	17° 5	27°52	2°15	1° 5	2°49	26°51	8°32	28°25	5°12	4° 7	6° 4	9°47	W20
T 21	8 32 28	9°17'57	6♈33	18°30	28°26	1°57	1°19	2°47	26°54	8°34	28°26	5° 5	4° 4	6°11	9°51	T 21
F 22	8 36 24	10°18'43	20°24	19°56	29° 1	1°39	1°34	2°45	26°57	8°36	28°27	5° 1	4° 0	6°18	9°54	F 22
S 23	8 40 21	11°19'27	3♉46	21°23	29°38	1°20	1°48	2°43	27° 1	8°38	28°28	4°59	3°57	6°24	9°57	S 23
S 24	8 44 17	12°20'10	16°42	22°51	0♉16	1° 1	2° 2	2°41	27° 4	8°40	28°29	4°D59	3°54	6°31	10° 1	S 24
M25	8 48 14	13°20'51	29°15	24°20	0°55	0°41	2°16	2°39	27° 7	8°42	28°30	5°R 0	3°51	6°38	10° 4	M25
T 26	8 52 10	14°21'30	11♊32	25°50	1°35	0°20	2°30	2°37	27°11	8°44	28°31	5° 0	3°48	6°45	10° 8	T 26
W27	8 56 7	15°22'08	23°36	27°21	2°16	29♌59	2°44	2°34	27°14	8°46	28°32	4°58	3°45	6°51	10°11	W27
T 28	9 0 4	16°22'44	5♋32	28°53	2°59	29°38	2°58	2°32	27°18	8°48	28°33	4°54	3°41	6°58	10°15	T 28
F 29	9 4 0	17°23'18	17°24	0♒25	3°42	29°16	3°12	2°29	27°21	8°49	28°35	4°47	3°38	7° 5	10°18	F 29
S 30	9 7 57	18°23'51	29°14	1°59	4°27	28°54	3°26	2°27	27°24	8°51	28°36	4°37	3°35	7°11	10°22	S 30
S 31	9 11 53	19♒24'21	11♌ 5	3♒33	5♉12	28♌31	3♒40	2♎24	27♒28	8♉53	28♓37	4♊24	3♊32	7♌18	10♓25	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22s11	25n57	2n42	21s23	2n 4	17s26	5n54	13n 2	3n44	21s22	0s28	1n 1	2n26	13s38	0s43	22s29	0n48	16s 1	16s42	21n33	21n14	23n37	3s58	4n40
S 2	22 2	25 29	3 33	21 34	1 54	17 23	5 57	13 5	3 46	21 20	0 28	1 1	2 27	13 37	0 43	22 29	0 48	16 0	16 42	21 32	21 13	23 36	3 57	4 39
S 3	21 53	23 51	4 14	21 45	1 44	17 20	6 0	13 8	3 48	21 17	0 28	1 2	2 27	13 36	0 43	22 29	0 48	16 0	16 42	21 30	21 13	23 35	3 57	4 39
M 4	21 43	21 11	4 44	21 56	1 34	17 19	6 2	13 11	3 50	21 14	0 28	1 2	2 27	13 35	0 43	22 29	0 48	15 59	16 41	21 29	21 12	23 33	3 56	4 39
T 5	21 33	17 38	5 2	22 7	1 25	17 17	6 3	13 15	3 52	21 12	0 28	1 2	2 27	13 34	0 43	22 29	0 48	15 59	16 41	21 27	21 12	23 32	3 55	4 39
W 6	21 23	13 22	5 7	22 17	1 15	17 17	6 4	13 19	3 54	21 9	0 28	1 3	2 28	13 33	0 43	22 29	0 48	15 58	16 41	21 25	21 11	23 31	3 54	4 38
T 7	21 12	8 34	4 58	22 26	1 5	17 17	6 4	13 24	3 56	21 6	0 28	1 3	2 28	13 31	0 43	22 29	0 48	15 57	16 40	21 24	21 10	23 30	3 53	4 38
F 8	21 0	3 23	4 36	22 35	0 55	17 17	6 4	13 29	3 58	21 3	0 28	1 3	2 28	13 30	0 43	22 29	0 48	15 57	16 40	21 23	21 10	23 28	3 52	4 38
S 9	20 49	2s 2	4 1	22 44	0 46	17 19	6 4	13 33	4 0	21 0	0 28	1 4	2 29	13 29	0 43	22 28	0 48	15 56	16 40	21 23	21 9	23 27	3 51	4 38
S 10	20 37	7 29	3 13	22 51	0 37	17 20	6 3	13 39	4 2	20 58	0 29	1 4	2 29	13 28	0 43	22 28	0 48	15 56	16 39	21 23	21 9	23 26	3 51	4 38
M11	20 24	12 47	2 14	22 58	0 28	17 22	6 2	13 44	4 4	20 55	0 29	1 5	2 29	13 27	0 43	22 28	0 48	15 55	16 39	21 23	21 8	23 25	3 50	4 37
T 12	20 11	17 39	1 6	23 4	0 19	17 24	6 0	13 50	4 6	20 52	0 29	1 6	2 29	13 26	0 43	22 28	0 48	15 54	16 39	21 23	21 8	23 24	3 49	4 37
W13	19 58	21 45	0s 8	23 8	0 10	17 27	5 58	13 56	4 8	20 49	0 29	1 6	2 30	13 25	0 43	22 28	0 48	15 54	16 38	21 23	21 7	23 22	3 48	4 37
T 14	19 45	24 39	1 23	23 12	0 1	17 30	5 56	14 2	4 9	20 46	0 29	1 7	2 30	13 24	0 43	22 28	0 48	15 53	16 38	21 23	21 6	23 21	3 47	4 37
F 15	19 31	25 58	2 36	23 15	0s 7	17 34	5 53	14 8	4 11	20 43	0 29	1 8	2 30	13 23	0 43	22 28	0 48	15 53	16 38	21 22	21 6	23 20	3 46	4 36
S 16	19 16	25 23	3 39	23 16	0 15	17 37	5 51	14 15	4 13	20 40	0 29	1 8	2 30	13 22	0 43	22 27	0 48	15 52	16 38	21 21	21 5	23 18	3 45	4 36
S 17	19 2	22 54	4 27	23 17	0 23	17 41	5 48	14 22	4 14	20 37	0 29	1 9	2 31	13 20	0 43	22 27	0 48	15 51	16 37	21 20	21 5	23 17	3 44	4 36
M18	18 47	18 48	4 56	23 16	0 31	17 45	5 44	14 29	4 16	20 34	0 29	1 10	2 31	13 19	0 43	22 27	0 48	15 51	16 37	21 18	21 4	23 16	3 43	4 36
T 19	18 31	13 31	5 4	23 14	0 38	17 49	5 41	14 36	4 17	20 31	0 29	1 11	2 31	13 18	0 43	22 27	0 48	15 50	16 37	21 16	21 3	23 15	3 42	4 36
W20	18 16	7 33	4 51	23 11	0 46	17 53	5 37	14 44	4 18	20 28	0 30	1 12	2 32	13 17	0 43	22 27	0 48	15 49	16 36	21 15	21 3	23 13	3 40	4 35
T 21	18 0	1 22	4 20	23 7	0 53	17 58	5 33	14 51	4 20	20 25	0 30	1 13	2 32	13 16	0 43	22 27	0 48	15 49	16 36	21 14	21 2	23 12	3 39	4 35
F 22	17 43	4n42	3 34	23 1	0 59	18 2	5 29	14 59	4 21	20 22	0 30	1 14	2 32	13 15	0 43	22 27	0 48	15 48	16 36	21 13	21 2	23 11	3 38	4 35
S 23	17 27	10 20	2 38	22 54	1 6	18 7	5 25	15 7	4 22	20 19	0 30	1 15	2 32	13 14	0 43	22 27	0 48	15 47	16 36	21 12	21 1	23 9	3 37	4 35
S 24	17 10	15 21	1 36	22 46	1 12	18 11	5 21	15 15	4 23	20 16	0 30	1 16	2 33	13 12	0 43	22 26	0 48	15 47	16 35	21 12	21 0	23 8	3 36	4 35
M25	16 53	19 34	0 31	22 36	1 18	18 15	5 16	15 23	4 24	20 13	0 30	1 17	2 33	13 11	0 43	22 26	0 48	15 46	16 35	21 13	21 0	23 7	3 35	4 35
T 26	16 35	22 49	0n35	22 25	1 23	18 20	5 11	15 31	4 25	20 10	0 30	1 18	2 33	13 10	0 43	22 26	0 48	15 45	16 35	21 12	20 59	23 5	3 34	4 34
W27	16 17	24 59	1 37	22 13	1 29	18 24	5 7	15 40	4 26	20 7	0 30	1 19	2 33	13 9	0 43	22 26	0 48	15 45	16 35	21 12	20 59	23 4	3 33	4 34
T 28	15 59	25 59	2 34	21 59	1 34	18 28	5 2	15 48	4 27	20 3	0 30	1 20	2 34	13 8	0 43	22 26	0 48	15 44	16 34	21 11	20 58	23 3	3 31	4 34
F 29	15 41	25 46	3 25	21 44	1 38	18 32	4 57	15 56	4 27	20 0	0 30	1 21	2 34	13 7	0 43	22 26	0 48	15 43	16 34	21 10	20 57	23 1	3 30	4 34
S 30	15 22	24 23	4 6	21 28	1 43	18 36	4 51	16 5	4 28	19 57	0 31	1 23	2 34	13 5	0 43	22 26	0 48	15 43	16 34	21 8	20 57	23 0	3 29	4 34
S 31	15s 3	21n56	4n36	21s10	1s47	18s40	4n46	16n13	4n28	19s54	0s31	1n24	2n34	13s 4	0s43	22s25	0n48	15s42	16s34	21n 6	20n56	22n58	3s28	4n34

Julian Day Number = 2207936.5, Delta T = 09m34s
Ecliptic obliquity = 23°31'37, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°26'14, Lahiri = 14°33'14 Julian Calendar 1 Jan. 1333 == Greg. Calendar 9 Jan. 1333

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ASTRODIENST EPHEMERIS for the year 1333
geocentric

FEBRUARY 1333 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	9 15 50	20♒24'51	22♌59	5♒ 8	5♉59	28°R 8	3♒54	2°R21	27♒31	8♉55	28♓38	4°R10	3♊29	7♌25	10♓29	M 1
T 2	9 19 46	21°25'18	4♍56	6°45	6°46	27♌45	4° 8	2♎18	27°35	8°57	28°39	3♊56	3°26	7°31	10°32	T 2
W 3	9 23 43	22°25'44	16°59	8°22	7°34	27°22	4°22	2°15	27°38	8°59	28°40	3°42	3°22	7°38	10°36	W 3
T 4	9 27 39	23°26'09	29° 7	10° 0	8°23	26°58	4°36	2°12	27°42	9° 0	28°42	3°31	3°19	7°45	10°40	T 4
F 5	9 31 36	24°26'31	11♎24	11°39	9°13	26°35	4°50	2° 9	27°45	9° 2	28°43	3°21	3°16	7°52	10°43	F 5
S 6	9 35 33	25°26'53	23°51	13°19	10° 4	26°11	5° 4	2° 6	27°48	9° 4	28°44	3°15	3°13	7°58	10°47	S 6
S 7	9 39 29	26°27'13	6♏32	15° 0	10°55	25°47	5°18	2° 3	27°52	9° 5	28°45	3°12	3°10	8° 5	10°51	S 7
M 8	9 43 26	27°27'31	19°29	16°42	11°47	25°23	5°32	1°59	27°55	9° 7	28°47	3°11	3° 6	8°12	10°54	M 8
T 9	9 47 22	28°27'48	2♐46	18°25	12°40	24°59	5°45	1°56	27°59	9° 9	28°48	3°10	3° 3	8°18	10°58	T 9
W10	9 51 19	29°28'04	16°26	20° 9	13°33	24°36	5°59	1°52	28° 2	9°10	28°49	3°10	3° 0	8°25	11° 2	W10
T 11	9 55 15	0♓28'18	0♑32	21°55	14°27	24°12	6°13	1°49	28° 6	9°12	28°51	3° 8	2°57	8°32	11° 5	T 11
F 12	9 59 12	1°28'31	15° 3	23°41	15°21	23°49	6°26	1°45	28° 9	9°14	28°52	3° 4	2°54	8°39	11° 9	F 12
S 13	10 3 8	2°28'42	29°56	25°28	16°16	23°26	6°40	1°41	28°13	9°15	28°53	2°57	2°51	8°45	11°13	S 13
S 14	10 7 5	3°28'51	15♒ 4	27°16	17°12	23° 3	6°53	1°38	28°16	9°17	28°55	2°47	2°47	8°52	11°17	S 14
M15	10 11 2	4°28'58	0♓18	29° 5	18° 8	22°40	7° 7	1°34	28°20	9°18	28°56	2°36	2°44	8°59	11°20	M15
T 16	10 14 58	5°29'04	15°27	0♓56	19° 5	22°18	7°20	1°30	28°23	9°20	28°57	2°24	2°41	9° 5	11°24	T 16
W17	10 18 55	6°29'07	0♈20	2°47	20° 2	21°56	7°34	1°26	28°26	9°21	28°59	2°14	2°38	9°12	11°28	W17
T 18	10 22 51	7°29'09	14°49	4°40	21° 0	21°34	7°47	1°22	28°30	9°23	29° 0	2° 5	2°35	9°19	11°32	T 18
F 19	10 26 48	8°29'08	28°49	6°33	21°58	21°14	8° 0	1°18	28°33	9°24	29° 1	1°59	2°31	9°26	11°35	F 19
S 20	10 30 44	9°29'05	12♉19	8°28	22°56	20°53	8°14	1°14	28°37	9°25	29° 3	1°56	2°28	9°32	11°39	S 20
S 21	10 34 41	10°29'00	25°21	10°23	23°55	20°33	8°27	1°10	28°40	9°27	29° 4	1°55	2°25	9°39	11°43	S 21
M22	10 38 37	11°28'53	7♊58	12°20	24°54	20°14	8°40	1° 5	28°43	9°28	29° 6	1°55	2°22	9°46	11°47	M22
T 23	10 42 34	12°28'43	20°16	14°17	25°54	19°55	8°53	1° 1	28°47	9°29	29° 7	1°54	2°19	9°52	11°50	T 23
W24	10 46 31	13°28'31	2♋20	16°15	26°54	19°37	9° 6	0°57	28°50	9°30	29° 9	1°53	2°16	9°59	11°54	W24
T 25	10 50 27	14°28'17	14°15	18°14	27°54	19°20	9°19	0°52	28°54	9°32	29°10	1°49	2°12	10° 6	11°58	T 25
F 26	10 54 24	15°28'01	26° 5	20°13	28°55	19° 3	9°32	0°48	28°57	9°33	29°11	1°43	2° 9	10°13	12° 2	F 26
S 27	10 58 20	16°27'43	7♌55	22°12	29°56	18°47	9°45	0°44	29° 0	9°34	29°13	1°34	2° 6	10°19	12° 5	S 27
S 28	11 2 17	17♓27'22	19♌48	24♓12	0♒58	18♌31	9♒57	0♎39	29♒ 4	9♉35	29♓14	1♊23	2♊ 3	10♌26	12♓ 9	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	14s44	18n32	4n54	20s50	1s50	18s43	4n41	16n22	4n29	19s51	0s31	1n25	2n35	13s 3	0s43	22s25	0n48	15s41	16s34	21n 3	20n56	22n57	3s27	4n34
T 2	14 25	14 23	5 0	20 29	1 54	18 46	4 35	16 30	4 29	19 48	0 31	1 27	2 35	13 2	0 43	22 25	0 48	15 41	16 33	21 1	20 55	22 56	3 25	4 33
W 3	14 5	9 38	4 52	20 7	1 57	18 49	4 30	16 38	4 29	19 44	0 31	1 28	2 35	13 1	0 43	22 25	0 48	15 40	16 33	20 58	20 54	22 54	3 24	4 33
T 4	13 45	4 29	4 31	19 43	1 59	18 52	4 24	16 46	4 29	19 41	0 31	1 30	2 35	12 59	0 43	22 25	0 48	15 39	16 33	20 56	20 54	22 53	3 23	4 33
F 5	13 25	0s53	3 57	19 18	2 2	18 54	4 19	16 55	4 29	19 38	0 31	1 31	2 35	12 58	0 43	22 25	0 48	15 39	16 33	20 54	20 53	22 51	3 22	4 33
S 6	13 5	6 19	3 12	18 51	2 4	18 57	4 13	17 3	4 29	19 35	0 31	1 32	2 36	12 57	0 43	22 25	0 48	15 38	16 32	20 53	20 53	22 50	3 20	4 33
S 7	12 45	11 36	2 16	18 23	2 5	18 58	4 7	17 11	4 28	19 31	0 32	1 34	2 36	12 56	0 43	22 25	0 48	15 37	16 32	20 52	20 52	22 49	3 19	4 33
M 8	12 24	16 31	1 12	17 53	2 6	19 0	4 1	17 18	4 28	19 28	0 32	1 35	2 36	12 55	0 43	22 24	0 48	15 37	16 32	20 52	20 51	22 47	3 18	4 33
T 9	12 3	20 45	0 2	17 22	2 7	19 1	3 55	17 26	4 27	19 25	0 32	1 37	2 36	12 53	0 43	22 24	0 48	15 36	16 32	20 52	20 51	22 46	3 17	4 33
W10	11 42	23 59	1s 9	16 50	2 7	19 2	3 50	17 33	4 27	19 22	0 32	1 39	2 36	12 52	0 43	22 24	0 48	15 35	16 32	20 52	20 50	22 44	3 15	4 32
T 11	11 21	25 51	2 19	16 15	2 7	19 2	3 44	17 41	4 26	19 18	0 32	1 40	2 37	12 51	0 43	22 24	0 48	15 35	16 32	20 52	20 49	22 43	3 14	4 32
F 12	10 59	26 1	3 22	15 40	2 6	19 2	3 38	17 48	4 25	19 15	0 32	1 42	2 37	12 50	0 43	22 24	0 48	15 34	16 31	20 51	20 49	22 41	3 13	4 32
S 13	10 38	24 21	4 12	15 3	2 5	19 2	3 32	17 55	4 24	19 12	0 32	1 43	2 37	12 49	0 43	22 24	0 48	15 33	16 31	20 50	20 48	22 40	3 11	4 32
S 14	10 16	20 55	4 46	14 24	2 4	19 1	3 26	18 2	4 23	19 8	0 32	1 45	2 37	12 47	0 43	22 24	0 48	15 33	16 31	20 48	20 48	22 39	3 10	4 32
M15	9 54	16 4	5 0	13 44	2 2	19 0	3 20	18 8	4 22	19 5	0 33	1 47	2 37	12 46	0 43	22 24	0 48	15 32	16 31	20 45	20 47	22 37	3 9	4 32
T 16	9 32	10 14	4 52	13 2	1 59	18 58	3 14	18 14	4 21	19 2	0 33	1 49	2 38	12 45	0 43	22 24	0 48	15 31	16 31	20 43	20 46	22 36	3 7	4 32
W17	9 10	3 55	4 25	12 19	1 56	18 56	3 8	18 20	4 20	18 59	0 33	1 50	2 38	12 44	0 43	22 23	0 48	15 31	16 31	20 41	20 46	22 34	3 6	4 32
T 18	8 48	2n27	3 41	11 35	1 52	18 53	3 2	18 26	4 18	18 55	0 33	1 52	2 38	12 43	0 43	22 23	0 48	15 30	16 31	20 39	20 45	22 33	3 5	4 32
F 19	8 25	8 31	2 45	10 49	1 48	18 50	2 56	18 31	4 17	18 52	0 33	1 54	2 38	12 41	0 43	22 23	0 49	15 29	16 30	20 38	20 45	22 31	3 3	4 32
S 20	8 3	13 59	1 42	10 2	1 44	18 47	2 50	18 37	4 15	18 49	0 33	1 56	2 38	12 40	0 43	22 23	0 49	15 29	16 30	20 37	20 44	22 30	3 2	4 32
S 21	7 40	18 37	0 35	9 13	1 38	18 43	2 44	18 41	4 13	18 45	0 33	1 57	2 38	12 39	0 43	22 23	0 49	15 28	16 30	20 37	20 43	22 28	3 1	4 32
M22	7 17	22 15	0n32	8 23	1 33	18 38	2 38	18 46	4 12	18 42	0 33	1 59	2 38	12 38	0 43	22 23	0 49	15 27	16 30	20 37	20 43	22 27	2 59	4 32
T 23	6 54	24 45	1 36	7 32	1 26	18 34	2 32	18 50	4 10	18 39	0 34	2 1	2 39	12 37	0 43	22 23	0 49	15 27	16 30	20 37	20 42	22 25	2 58	4 31
W24	6 31	26 4	2 34	6 40	1 19	18 28	2 26	18 54	4 8	18 35	0 34	2 3	2 39	12 36	0 43	22 23	0 49	15 26	16 30	20 37	20 41	22 24	2 56	4 31
T 25	6 8	26 9	3 24	5 46	1 12	18 22	2 20	18 58	4 6	18 32	0 34	2 5	2 39	12 34	0 43	22 23	0 49	15 25	16 30	20 36	20 41	22 22	2 55	4 31
F 26	5 45	25 1	4 5	4 52	1 4	18 16	2 14	19 2	4 4	18 29	0 34	2 7	2 39	12 33	0 43	22 22	0 49	15 25	16 30	20 35	20 40	22 20	2 54	4 31
S 27	5 22	22 48	4 36	3 57	0 55	18 9	2 8	19 5	4 2	18 25	0 34	2 8	2 39	12 32	0 43	22 22	0 49	15 24	16 30	20 33	20 39	22 19	2 52	4 31
S 28	4s58	19n35	4n55	3s 1	0s46	18s 2	2n 2	19n 8	4n 0	18s22	0s34	2n10	2n39	12s31	0s43	22s22	0n49	15s23	16s30	20n31	20n39	22n17	2s51	4n31

Julian Day Number = 2207967.5, Delta T = 09m34s
Ecliptic obliquity = 23°31'37, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°26'18, Lahiri = 14°33'19 Julian Calendar 1 Feb. 1333 == Greg. Calendar 9 Feb. 1333

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ASTRODIENST EPHEMERIS for the year 1333
geocentric

MARCH 1333 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	11 6 13	18♓26'59	1♍46	26♓11	2♒ 0	18°R16	10♒10	0°R35	29♒ 7	9♑36	29♓16	1°R10	2♊ 0	10♌33	12♓13	M 1
T 2	11 10 10	19°26'34	13°50	28°11	3° 2	18♌ 3	10°23	0♎30	29°10	9°37	29°17	0♊56	1°57	10°39	12°17	T 2
W 3	11 14 6	20°26'07	26° 3	0♈ 9	4° 4	17°49	10°35	0°26	29°13	9°38	29°19	0°43	1°53	10°46	12°20	W 3
T 4	11 18 3	21°25'37	8♎24	2° 7	5° 7	17°37	10°48	0°21	29°17	9°39	29°20	0°32	1°50	10°53	12°24	T 4
F 5	11 22 0	22°25'06	20°55	4° 3	6°10	17°25	11° 0	0°16	29°20	9°40	29°22	0°24	1°47	11° 0	12°28	F 5
S 6	11 25 56	23°24'33	3♏35	5°58	7°13	17°14	11°13	0°12	29°23	9°41	29°23	0°18	1°44	11° 6	12°32	S 6
S 7	11 29 53	24°23'58	16°28	7°51	8°16	17° 4	11°25	0° 7	29°26	9°42	29°24	0°15	1°41	11°13	12°35	S 7
M 8	11 33 49	25°23'21	29°33	9°41	9°20	16°55	11°37	0° 2	29°30	9°43	29°26	0°D14	1°37	11°20	12°39	M 8
T 9	11 37 46	26°22'43	12♐54	11°28	10°24	16°46	11°49	29♍58	29°33	9°44	29°27	0°14	1°34	11°26	12°43	T 9
W10	11 41 42	27°22'02	26°32	13°12	11°28	16°38	12° 1	29°53	29°36	9°45	29°29	0°R15	1°31	11°33	12°46	W10
T 11	11 45 39	28°21'20	10♑28	14°52	12°33	16°31	12°13	29°49	29°39	9°46	29°30	0°14	1°28	11°40	12°50	T 11
F 12	11 49 35	29°20'36	24°44	16°28	13°37	16°25	12°25	29°44	29°42	9°46	29°32	0°12	1°25	11°47	12°54	F 12
S 13	11 53 32	0♈19'51	9♒17	17°59	14°42	16°19	12°37	29°39	29°45	9°47	29°33	0° 7	1°22	11°53	12°57	S 13
S 14	11 57 29	1°19'03	24° 3	19°26	15°47	16°15	12°49	29°35	29°48	9°48	29°35	29♉59	1°18	12° 0	13° 1	S 14
M15	12 1 25	2°18'14	8♓56	20°47	16°52	16°11	13° 1	29°30	29°51	9°49	29°36	29°51	1°15	12° 7	13° 5	M15
T 16	12 5 22	3°17'22	23°46	22° 3	17°58	16° 7	13°12	29°25	29°54	9°49	29°38	29°42	1°12	12°13	13° 8	T 16
W17	12 9 18	4°16'29	8♈26	23°13	19° 4	16° 5	13°24	29°21	29°57	9°50	29°39	29°34	1° 9	12°20	13°12	W17
T 18	12 13 15	5°15'33	22°47	24°17	20° 9	16° 3	13°35	29°16	0♓ 0	9°50	29°41	29°27	1° 6	12°27	13°15	T 18
F 19	12 17 11	6°14'35	6♉45	25°15	21°15	16° 3	13°46	29°11	0° 3	9°51	29°42	29°22	1° 2	12°34	13°19	F 19
S 20	12 21 8	7°13'35	20°16	26° 7	22°22	16°D 2	13°58	29° 7	0° 6	9°51	29°44	29°20	0°59	12°40	13°22	S 20
S 21	12 25 4	8°12'33	3♊22	26°52	23°28	16° 3	14° 9	29° 2	0° 9	9°52	29°45	29°D20	0°56	12°47	13°26	S 21
M22	12 29 1	9°11'29	16° 4	27°31	24°34	16° 4	14°20	28°58	0°12	9°52	29°46	29°21	0°53	12°54	13°29	M22
T 23	12 32 57	10°10'22	28°26	28° 3	25°41	16° 7	14°31	28°53	0°15	9°53	29°48	29°22	0°50	13° 0	13°33	T 23
W24	12 36 54	11° 9'13	10♋34	28°28	26°48	16° 9	14°42	28°48	0°18	9°53	29°49	29°R22	0°47	13° 7	13°36	W24
T 25	12 40 51	12° 8'02	22°31	28°47	27°55	16°13	14°52	28°44	0°21	9°53	29°51	29°22	0°43	13°14	13°40	T 25
F 26	12 44 47	13° 6'49	4♌23	28°59	29° 2	16°17	15° 3	28°40	0°23	9°54	29°52	29°19	0°40	13°21	13°43	F 26
S 27	12 48 44	14° 5'33	16°14	29°R 5	0♓ 9	16°22	15°14	28°35	0°26	9°54	29°54	29°15	0°37	13°27	13°46	S 27
S 28	12 52 40	15° 4'14	28°10	29° 4	1°16	16°27	15°24	28°31	0°29	9°54	29°55	29° 9	0°34	13°34	13°50	S 28
M29	12 56 37	16° 2'54	10♍12	28°58	2°23	16°34	15°34	28°26	0°31	9°54	29°57	29° 1	0°31	13°41	13°53	M29
T 30	13 0 33	17° 1'32	22°24	28°45	3°31	16°40	15°45	28°22	0°34	9°55	29°58	28°53	0°28	13°47	13°56	T 30
W31	13 4 30	18♈ 0'07	4♎48	28♈28	4♓39	16♌48	15♒55	28♍18	0♓37	9♑55	29♓59	28♉46	0♊24	13♌54	13♓59	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	4s35	15n34	5n 1	2s 4	0s36	17s54	1n56	19n10	3n58	18s19	0s34	2n12	2n39	12s30	0s43	22s22	0n49	15s23	16s29	20n28	20n38	22n16	2s49	4n31
T 2	4 12	10 53	4 53	1 7	0 26	17 46	1 51	19 13	3 56	18 16	0 35	2 14	2 39	12 29	0 43	22 22	0 49	15 22	16 29	20 25	20 38	22 14	2 48	4 31
W 3	3 48	5 44	4 32	0 10	0 15	17 37	1 45	19 15	3 53	18 12	0 35	2 16	2 39	12 28	0 43	22 22	0 49	15 22	16 29	20 23	20 37	22 13	2 47	4 31
T 4	3 25	0 18	3 58	0n47	0 4	17 27	1 39	19 16	3 51	18 9	0 35	2 18	2 40	12 26	0 43	22 22	0 49	15 21	16 29	20 20	20 36	22 11	2 45	4 31
F 5	3 1	5s13	3 13	1 44	0n 7	17 18	1 33	19 18	3 49	18 6	0 35	2 20	2 40	12 25	0 43	22 22	0 49	15 20	16 29	20 18	20 36	22 9	2 44	4 31
S 6	2 38	10 37	2 17	2 40	0 19	17 7	1 28	19 19	3 46	18 2	0 35	2 22	2 40	12 24	0 43	22 22	0 49	15 20	16 29	20 17	20 35	22 8	2 42	4 31
S 7	2 14	15 40	1 13	3 36	0 31	16 57	1 22	19 20	3 44	17 59	0 35	2 24	2 40	12 23	0 43	22 22	0 49	15 19	16 29	20 17	20 34	22 6	2 41	4 31
M 8	1 50	20 4	0 4	4 31	0 43	16 45	1 17	19 21	3 42	17 56	0 36	2 26	2 40	12 22	0 43	22 22	0 49	15 18	16 29	20 16	20 34	22 5	2 40	4 31
T 9	1 27	23 32	1s 7	5 24	0 55	16 33	1 11	19 21	3 39	17 53	0 36	2 27	2 40	12 21	0 43	22 21	0 49	15 18	16 29	20 17	20 33	22 3	2 38	4 31
W10	1 3	25 44	2 15	6 16	1 8	16 21	1 6	19 21	3 37	17 49	0 36	2 29	2 40	12 20	0 43	22 21	0 49	15 17	16 29	20 17	20 32	22 1	2 37	4 31
T 11	0 39	26 23	3 17	7 6	1 20	16 8	1 0	19 21	3 34	17 46	0 36	2 31	2 40	12 19	0 43	22 21	0 49	15 17	16 29	20 16	20 32	22 0	2 35	4 31
F 12	0 16	25 20	4 8	7 54	1 32	15 55	0 55	19 20	3 32	17 43	0 36	2 33	2 40	12 18	0 43	22 21	0 49	15 16	16 29	20 16	20 31	21 58	2 34	4 31
S 13	0n 8	22 34	4 45	8 40	1 43	15 41	0 50	19 20	3 29	17 40	0 36	2 35	2 40	12 16	0 43	22 21	0 49	15 15	16 29	20 15	20 30	21 57	2 33	4 31
S 14	0 32	18 18	5 3	9 24	1 55	15 27	0 44	19 19	3 27	17 37	0 37	2 37	2 40	12 15	0 43	22 21	0 49	15 15	16 29	20 13	20 30	21 55	2 31	4 31
M15	0 55	12 53	5 1	10 5	2 6	15 13	0 39	19 18	3 25	17 33	0 37	2 39	2 40	12 14	0 43	22 21	0 49	15 14	16 29	20 12	20 29	21 53	2 30	4 31
T 16	1 19	6 44	4 38	10 43	2 16	14 58	0 34	19 16	3 22	17 30	0 37	2 41	2 40	12 13	0 43	22 21	0 49	15 14	16 29	20 10	20 29	21 52	2 28	4 31
W17	1 42	0 17	3 58	11 18	2 26	14 42	0 29	19 15	3 20	17 27	0 37	2 43	2 40	12 12	0 43	22 21	0 49	15 13	16 29	20 8	20 28	21 50	2 27	4 31
T 18	2 6	6n 4	3 3	11 50	2 34	14 26	0 24	19 13	3 17	17 24	0 37	2 44	2 40	12 11	0 43	22 21	0 49	15 13	16 29	20 6	20 27	21 48	2 26	4 31
F 19	2 29	11 57	1 58	12 19	2 43	14 10	0 19	19 11	3 15	17 21	0 37	2 46	2 40	12 10	0 43	22 21	0 49	15 12	16 29	20 5	20 27	21 47	2 24	4 31
S 20	2 53	17 6	0 48	12 45	2 50	13 53	0 15	19 8	3 12	17 18	0 38	2 48	2 40	12 9	0 43	22 21	0 49	15 12	16 29	20 5	20 26	21 45	2 23	4 31
S 21	3 16	21 16	0n22	13 7	2 56	13 36	0 10	19 6	3 10	17 15	0 38	2 50	2 40	12 8	0 43	22 21	0 49	15 11	16 29	20 5	20 25	21 43	2 21	4 32
M22	3 39	24 16	1 29	13 26	3 1	13 18	0 5	19 3	3 7	17 12	0 38	2 52	2 40	12 7	0 43	22 21	0 49	15 11	16 29	20 5	20 25	21 42	2 20	4 32
T 23	4 3	26 1	2 30	13 42	3 5	13 0	0 1	19 0	3 5	17 9	0 38	2 54	2 40	12 6	0 44	22 21	0 49	15 10	16 30	20 5	20 24	21 40	2 19	4 32
W24	4 26	26 29	3 23	13 54	3 8	12 41	0s 4	18 57	3 2	17 6	0 38	2 55	2 40	12 5	0 44	22 21	0 49	15 9	16 30	20 5	20 23	21 38	2 17	4 32
T 25	4 49	25 42	4 7	14 2	3 10	12 22	0 8	18 54	3 0	17 3	0 38	2 57	2 40	12 4	0 44	22 21	0 49	15 9	16 30	20 5	20 23	21 36	2 16	4 32
F 26	5 12	23 45	4 40	14 6	3 10	12 3	0 13	18 50	2 58	17 0	0 39	2 59	2 40	12 3	0 44	22 20	0 49	15 8	16 30	20 5	20 22	21 35	2 15	4 32
S 27	5 35	20 48	5 0	14 8	3 9	11 44	0 17	18 46	2 55	16 57	0 39	3 1	2 40	12 2	0 44	22 20	0 49	15 8	16 30	20 4	20 21	21 33	2 13	4 32
S 28	5 57	16 58	5 8	14 5	3 6	11 24	0 21	18 42	2 53	16 54	0 39	3 2	2 40	12 1	0 44	22 20	0 49	15 8	16 30	20 2	20 21	21 31	2 12	4 32
M29	6 20	12 26	5 2	13 59	3 2	11 3	0 25	18 38	2 50	16 51	0 39	3 4	2 40	12 0	0 44	22 20	0 49	15 7	16 30	20 1	20 20	21 30	2 11	4 32
T 30	6 43	7 21	4 43	13 49	2 57	10 43	0 29	18 34	2 48	16 48	0 39	3 6	2 40	12 0	0 44	22 20	0 49	15 7	16 30	19 59	20 19	21 28	2 9	4 32
W31	7n 5	1n55	4n10	13n37	2n50	10s21	0s33	18n29	2n46	16s45	0s40	3n 7	2n40	11s59	0s44	22s20	0n49	15s 6	16s30	19n57	20n19	21n26	2s 8	4n32

Julian Day Number = 2207995.5, Delta T = 09m34s
Ecliptic obliquity = 23°31'38, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°26'22, Lahiri = 14°33'23 Julian Calendar 1 March 1333 == Greg. Calendar 9 March 1333

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ASTRODIENST EPHEMERIS for the year 1333
geocentric

APRIL 1333 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	13 8 26	18♈58'40	17♎23	28°R 5	5♓46	16♌56	16♒ 5	28°R14	0♓39	9♑55	0♈ 1	28°R40	0♊21	14♌ 1	14♓ 3	T 1
F 2	13 12 23	19°57'12	0♏12	27♈37	6°54	17° 5	16°15	28♍ 9	0°42	9°55	0° 2	28♉35	0°18	14° 8	14° 6	F 2
S 3	13 16 20	20°55'41	13°12	27° 6	8° 2	17°14	16°24	28° 5	0°44	9°55	0° 4	28°32	0°15	14°14	14° 9	S 3
S 4	13 20 16	21°54'09	26°25	26°32	9°11	17°24	16°34	28° 1	0°47	9°R55	0° 5	28°D31	0°12	14°21	14°12	S 4
M 5	13 24 13	22°52'35	9♐50	25°54	10°19	17°34	16°43	27°57	0°49	9°55	0° 6	28°31	0° 8	14°28	14°15	M 5
T 6	13 28 9	23°51'00	23°26	25°15	11°27	17°45	16°53	27°53	0°52	9°55	0° 8	28°33	0° 5	14°34	14°18	T 6
W 7	13 32 6	24°49'22	7♑14	24°35	12°36	17°57	17° 2	27°49	0°54	9°55	0° 9	28°34	0° 2	14°41	14°22	W 7
T 8	13 36 2	25°47'44	21°14	23°54	13°44	18° 9	17°11	27°45	0°56	9°55	0°10	28°R35	29♉59	14°48	14°25	T 8
F 9	13 39 59	26°46'03	5♒23	23°14	14°53	18°22	17°20	27°42	0°59	9°54	0°12	28°35	29°56	14°55	14°28	F 9
S 10	13 43 55	27°44'22	19°42	22°35	16° 2	18°35	17°29	27°38	1° 1	9°54	0°13	28°33	29°53	15° 1	14°31	S 10
S 11	13 47 52	28°42'38	4♓ 6	21°57	17°10	18°48	17°38	27°34	1° 3	9°54	0°14	28°30	29°49	15° 8	14°33	S 11
M12	13 51 49	29°40'53	18°32	21°22	18°19	19° 3	17°47	27°31	1° 5	9°54	0°16	28°27	29°46	15°15	14°36	M12
T 13	13 55 45	0♉39'06	2♈54	20°49	19°28	19°17	17°55	27°27	1° 7	9°54	0°17	28°22	29°43	15°21	14°39	T 13
W14	13 59 42	1°37'18	17° 8	20°20	20°37	19°32	18° 4	27°24	1° 9	9°53	0°18	28°19	29°40	15°28	14°42	W14
T 15	14 3 38	2°35'28	1♉ 8	19°55	21°47	19°48	18°12	27°20	1°11	9°53	0°20	28°16	29°37	15°35	14°45	T 15
F 16	14 7 35	3°33'37	14°51	19°33	22°56	20° 4	18°20	27°17	1°14	9°52	0°21	28°14	29°34	15°42	14°48	F 16
S 17	14 11 31	4°31'43	28°13	19°16	24° 5	20°21	18°28	27°14	1°15	9°52	0°22	28°D13	29°30	15°48	14°50	S 17
S 18	14 15 28	5°29'48	11♊14	19° 4	25°15	20°38	18°36	27°11	1°17	9°52	0°23	28°14	29°27	15°55	14°53	S 18
M19	14 19 24	6°27'51	23°55	18°56	26°24	20°55	18°44	27° 7	1°19	9°51	0°25	28°15	29°24	16° 2	14°56	M19
T 20	14 23 21	7°25'52	6♋18	18°D53	27°34	21°13	18°52	27° 4	1°21	9°51	0°26	28°17	29°21	16° 9	14°58	T 20
W21	14 27 18	8°23'52	18°28	18°54	28°43	21°31	18°59	27° 2	1°23	9°50	0°27	28°18	29°18	16°15	15° 1	W21
T 22	14 31 14	9°21'49	0♌27	19° 0	29°53	21°50	19° 6	26°59	1°25	9°50	0°28	28°19	29°14	16°22	15° 3	T 22
F 23	14 35 11	10°19'45	12°21	19°11	1♈ 3	22° 9	19°13	26°56	1°27	9°49	0°30	28°R19	29°11	16°29	15° 6	F 23
S 24	14 39 7	11°17'39	24°14	19°26	2°12	22°29	19°20	26°53	1°28	9°48	0°31	28°19	29° 8	16°35	15° 8	S 24
S 25	14 43 4	12°15'30	6♍11	19°46	3°22	22°49	19°27	26°51	1°30	9°48	0°32	28°17	29° 5	16°42	15°11	S 25
M26	14 47 0	13°13'20	18°17	20°10	4°32	23° 9	19°34	26°48	1°31	9°47	0°33	28°16	29° 2	16°49	15°13	M26
T 27	14 50 57	14°11'09	0♎33	20°39	5°42	23°29	19°41	26°46	1°33	9°46	0°34	28°14	28°59	16°56	15°15	T 27
W28	14 54 53	15° 8'55	13° 5	21°11	6°52	23°50	19°47	26°43	1°35	9°46	0°35	28°12	28°55	17° 2	15°18	W28
T 29	14 58 50	16° 6'41	25°53	21°48	8° 2	24°12	19°53	26°41	1°36	9°45	0°36	28°10	28°52	17° 9	15°20	T 29
F 30	15 2 47	17♉ 4'24	8♏57	22♈28	9♈12	24♌33	19♒59	26♍39	1♓37	9♑44	0♈37	28♉ 9	28♉49	17♌16	15♓22	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	7n28	3s42	3n24	13n21	2n42	10s 0	0s37	18n25	2n43	16s43	0s40	3n 9	2n40	11s58	0s44	22s20	0n49	15s 6	16s30	19n56	20n18	21n24	2s 7	4n32
F 2	7 50	9 17	2 28	13 2	2 32	9 38	0 41	18 20	2 41	16 40	0 40	3 10	2 40	11 57	0 44	22 20	0 49	15 5	16 30	19 55	20 17	21 23	2 5	4 32
S 3	8 12	14 33	1 22	12 40	2 21	9 16	0 45	18 15	2 39	16 37	0 40	3 12	2 39	11 56	0 44	22 20	0 49	15 5	16 31	19 54	20 17	21 21	2 4	4 32
S 4	8 34	19 14	0 11	12 16	2 9	8 54	0 48	18 10	2 37	16 34	0 40	3 14	2 39	11 55	0 44	22 20	0 49	15 4	16 31	19 54	20 16	21 19	2 3	4 33
M 5	8 56	23 1	1s 1	11 50	1 55	8 31	0 52	18 4	2 34	16 32	0 41	3 15	2 39	11 54	0 44	22 20	0 49	15 4	16 31	19 54	20 15	21 17	2 1	4 33
T 6	9 17	25 33	2 12	11 22	1 41	8 9	0 55	17 59	2 32	16 29	0 41	3 17	2 39	11 54	0 44	22 20	0 49	15 3	16 31	19 54	20 15	21 15	2 0	4 33
W 7	9 39	26 35	3 15	10 53	1 25	7 45	0 58	17 53	2 30	16 26	0 41	3 18	2 39	11 53	0 44	22 20	0 49	15 3	16 31	19 55	20 14	21 14	1 59	4 33
T 8	10 0	25 56	4 8	10 23	1 9	7 22	1 2	17 47	2 28	16 24	0 41	3 19	2 39	11 52	0 44	22 20	0 49	15 3	16 31	19 55	20 13	21 12	1 58	4 33
F 9	10 21	23 38	4 47	9 53	0 53	6 58	1 5	17 41	2 26	16 21	0 41	3 21	2 39	11 51	0 44	22 20	0 49	15 2	16 31	19 55	20 13	21 10	1 56	4 33
S 10	10 42	19 50	5 9	9 22	0 36	6 34	1 8	17 35	2 23	16 19	0 42	3 22	2 39	11 50	0 44	22 20	0 49	15 2	16 32	19 55	20 12	21 8	1 55	4 33
S 11	11 3	14 52	5 11	8 52	0 19	6 10	1 11	17 29	2 21	16 16	0 42	3 24	2 39	11 50	0 44	22 20	0 49	15 2	16 32	19 54	20 11	21 6	1 54	4 33
M12	11 24	9 3	4 53	8 23	0 2	5 46	1 14	17 22	2 19	16 14	0 42	3 25	2 39	11 49	0 44	22 20	0 49	15 1	16 32	19 53	20 11	21 5	1 53	4 33
T 13	11 45	2 47	4 18	7 55	0s15	5 21	1 16	17 16	2 17	16 11	0 42	3 26	2 38	11 48	0 44	22 20	0 49	15 1	16 32	19 52	20 10	21 3	1 51	4 34
W14	12 5	3n35	3 26	7 29	0 32	4 56	1 19	17 9	2 15	16 9	0 43	3 27	2 38	11 47	0 44	22 20	0 49	15 0	16 32	19 51	20 9	21 1	1 50	4 34
T 15	12 25	9 41	2 23	7 4	0 48	4 31	1 22	17 2	2 13	16 6	0 43	3 29	2 38	11 47	0 44	22 20	0 49	15 0	16 33	19 51	20 9	20 59	1 49	4 34
F 16	12 45	15 11	1 13	6 42	1 4	4 6	1 24	16 55	2 11	16 4	0 43	3 30	2 38	11 46	0 44	22 20	0 49	15 0	16 33	19 50	20 8	20 57	1 48	4 34
S 17	13 5	19 50	0 0	6 22	1 19	3 41	1 26	16 48	2 9	16 2	0 43	3 31	2 38	11 45	0 44	22 20	0 49	15 0	16 33	19 50	20 7	20 55	1 47	4 34
S 18	13 24	23 23	1n11	6 4	1 33	3 15	1 29	16 41	2 7	16 0	0 43	3 32	2 38	11 45	0 44	22 20	0 49	14 59	16 33	19 50	20 6	20 54	1 46	4 34
M19	13 43	25 40	2 17	5 48	1 46	2 50	1 31	16 33	2 5	15 57	0 44	3 33	2 38	11 44	0 44	22 20	0 49	14 59	16 33	19 51	20 6	20 52	1 44	4 34
T 20	14 3	26 37	3 14	5 35	1 59	2 24	1 33	16 25	2 3	15 55	0 44	3 34	2 37	11 43	0 44	22 20	0 49	14 59	16 34	19 51	20 5	20 50	1 43	4 35
W21	14 21	26 15	4 2	5 25	2 11	1 58	1 35	16 18	2 1	15 53	0 44	3 35	2 37	11 43	0 44	22 20	0 50	14 58	16 34	19 51	20 4	20 48	1 42	4 35
T 22	14 40	24 40	4 39	5 17	2 22	1 32	1 37	16 10	1 59	15 51	0 44	3 36	2 37	11 42	0 44	22 20	0 50	14 58	16 34	19 51	20 4	20 46	1 41	4 35
F 23	14 58	22 0	5 3	5 12	2 32	1 6	1 39	16 2	1 58	15 49	0 45	3 37	2 37	11 42	0 44	22 20	0 50	14 58	16 34	19 52	20 3	20 44	1 40	4 35
S 24	15 16	18 26	5 15	5 9	2 41	0 39	1 40	15 54	1 56	15 47	0 45	3 38	2 37	11 41	0 44	22 20	0 50	14 58	16 34	19 51	20 2	20 42	1 39	4 35
S 25	15 34	14 6	5 12	5 9	2 49	0 13	1 42	15 45	1 54	15 45	0 45	3 39	2 37	11 40	0 45	22 20	0 50	14 57	16 35	19 51	20 2	20 40	1 38	4 35
M26	15 52	9 12	4 56	5 12	2 56	0n13	1 44	15 37	1 52	15 43	0 45	3 40	2 36	11 40	0 45	22 20	0 50	14 57	16 35	19 51	20 1	20 38	1 37	4 35
T 27	16 9	3 51	4 27	5 17	3 2	0 40	1 45	15 28	1 50	15 41	0 46	3 41	2 36	11 39	0 45	22 20	0 50	14 57	16 35	19 50	20 0	20 37	1 36	4 36
W28	16 26	1s45	3 44	5 24	3 8	1 7	1 46	15 20	1 48	15 40	0 46	3 41	2 36	11 39	0 45	22 21	0 50	14 57	16 35	19 50	20 0	20 35	1 35	4 36
T 29	16 43	7 24	2 49	5 33	3 12	1 33	1 48	15 11	1 47	15 38	0 46	3 42	2 36	11 38	0 45	22 21	0 50	14 56	16 36	19 49	19 59	20 33	1 34	4 36
F 30	17n 0	12s53	1n44	5n45	3s16	2n 0	1s49	15n 2	1n45	15s36	0s46	3n43	2n36	11s38	0s45	22s21	0n50	14s56	16s36	19n49	19n58	20n31	1s33	4n36

Julian Day Number = 2208026.5, Delta T = 09m34s
Ecliptic obliquity = 23°31'38, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°26'26, Lahiri = 14°33'27 Julian Calendar 1 Apr. 1333 == Greg. Calendar 9 Apr. 1333

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ASTRODIENST EPHEMERIS for the year 1333
geocentric

MAY 1333 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	15 6 43	18♉ 2'06	22♏19	23♈12	10♈22	24♌55	20♒ 5	26°R37	1♓39	9°R43	0♈38	28°D 8	28♉46	17♌22	15♓24	S 1
S 2	15 10 40	18°59'47	5♐57	24° 0	11°33	25°18	20°11	26♍35	1°40	9♑42	0°40	28♉ 9	28°43	17°29	15°26	S 2
M 3	15 14 36	19°57'27	19°48	24°51	12°43	25°40	20°17	26°33	1°41	9°41	0°41	28° 9	28°40	17°36	15°28	M 3
T 4	15 18 33	20°55'06	3♑49	25°46	13°53	26° 3	20°22	26°31	1°43	9°41	0°42	28°10	28°36	17°43	15°30	T 4
W 5	15 22 29	21°52'43	17°58	26°44	15° 4	26°27	20°27	26°30	1°44	9°40	0°43	28°10	28°33	17°49	15°32	W 5
T 6	15 26 26	22°50'20	2♒12	27°45	16°14	26°50	20°32	26°28	1°45	9°39	0°44	28°11	28°30	17°56	15°34	T 6
F 7	15 30 22	23°47'55	16°27	28°49	17°25	27°14	20°37	26°27	1°46	9°38	0°45	28°11	28°27	18° 3	15°36	F 7
S 8	15 34 19	24°45'29	0♓41	29°56	18°35	27°38	20°42	26°25	1°47	9°37	0°46	28°R11	28°24	18°10	15°38	S 8
S 9	15 38 16	25°43'03	14°52	1♉ 6	19°46	28° 3	20°47	26°24	1°48	9°36	0°46	28°11	28°20	18°16	15°40	S 9
M10	15 42 12	26°40'36	28°56	2°19	20°57	28°28	20°51	26°23	1°49	9°35	0°47	28°11	28°17	18°23	15°41	M10
T 11	15 46 9	27°38'07	12♈53	3°35	22° 7	28°53	20°55	26°22	1°50	9°34	0°48	28°10	28°14	18°30	15°43	T 11
W12	15 50 5	28°35'38	26°38	4°54	23°18	29°18	20°59	26°21	1°51	9°32	0°49	28°D10	28°11	18°36	15°45	W12
T 13	15 54 2	29°33'08	10♉11	6°15	24°29	29°44	21° 3	26°20	1°52	9°31	0°50	28°11	28° 8	18°43	15°46	T 13
F 14	15 57 58	0♊30'37	23°31	7°39	25°40	0♍ 9	21° 7	26°19	1°53	9°30	0°51	28°R11	28° 5	18°50	15°48	F 14
S 15	16 1 55	1°28'05	6♊34	9° 6	26°51	0°36	21°11	26°18	1°53	9°29	0°52	28°11	28° 1	18°57	15°49	S 15
S 16	16 5 51	2°25'33	19°23	10°36	28° 1	1° 2	21°14	26°18	1°54	9°28	0°53	28°10	27°58	19° 3	15°51	S 16
M17	16 9 48	3°22'59	1♋56	12° 8	29°12	1°29	21°17	26°17	1°55	9°27	0°53	28°10	27°55	19°10	15°52	M17
T 18	16 13 45	4°20'24	14°16	13°42	0♉23	1°55	21°20	26°17	1°55	9°25	0°54	28° 9	27°52	19°17	15°53	T 18
W19	16 17 41	5°17'48	26°23	15°19	1°34	2°23	21°23	26°16	1°56	9°24	0°55	28° 8	27°49	19°23	15°55	W19
T 20	16 21 38	6°15'10	8♌22	16°59	2°46	2°50	21°26	26°16	1°56	9°23	0°56	28° 7	27°46	19°30	15°56	T 20
F 21	16 25 34	7°12'32	20°17	18°42	3°57	3°18	21°28	26°16	1°57	9°22	0°56	28° 7	27°42	19°37	15°57	F 21
S 22	16 29 31	8° 9'53	2♍10	20°27	5° 8	3°45	21°30	26°D16	1°57	9°20	0°57	28° 6	27°39	19°44	15°58	S 22
S 23	16 33 27	9° 7'12	14° 7	22°14	6°19	4°13	21°32	26°16	1°57	9°19	0°58	28°D 6	27°36	19°50	15°59	S 23
M24	16 37 24	10° 4'31	26°11	24° 4	7°30	4°42	21°34	26°16	1°58	9°18	0°58	28° 7	27°33	19°57	16° 0	M24
T 25	16 41 20	11° 1'48	8♎29	25°56	8°41	5°10	21°36	26°17	1°58	9°16	0°59	28° 8	27°30	20° 4	16° 1	T 25
W26	16 45 17	11°59'05	21° 3	27°51	9°53	5°39	21°38	26°17	1°58	9°15	1° 0	28° 9	27°26	20°11	16° 2	W26
T 27	16 49 14	12°56'21	3♏57	29°48	11° 4	6° 8	21°39	26°18	1°58	9°13	1° 0	28°10	27°23	20°17	16° 3	T 27
F 28	16 53 10	13°53'36	17°13	1♊48	12°15	6°37	21°40	26°18	1°58	9°12	1° 1	28°11	27°20	20°24	16° 4	F 28
S 29	16 57 7	14°50'50	0♐51	3°49	13°27	7° 6	21°41	26°19	1°R58	9°11	1° 1	28°R11	27°17	20°31	16° 4	S 29
S 30	17 1 3	15°48'04	14°50	5°53	14°38	7°36	21°42	26°20	1°58	9° 9	1° 2	28°10	27°14	20°37	16° 5	S 30
M31	17 5 0	16♊45'17	29♐ 6	7♊58	15♉50	8♍ 5	21♒42	26♍21	1♓58	9♑ 8	1♈ 2	28♉ 9	27♉11	20♌44	16♓ 6	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17n16	17s54	0n32	5n58	3s19	2n26	1s50	14n53	1n43	15s35	0s47	3n44	2n35	11s37	0s45	22s21	0n50	14s56	16s36	19n49	19n57	20n29	1s32	4n36
S 2	17 32	22 5	0s43	6 14	3 21	2 53	1 51	14 44	1 42	15 33	0 47	3 44	2 35	11 37	0 45	22 21	0 50	14 56	16 36	19 49	19 57	20 27	1 31	4 36
M 3	17 48	25 5	1 57	6 32	3 22	3 20	1 52	14 34	1 40	15 31	0 47	3 45	2 35	11 37	0 45	22 21	0 50	14 56	16 37	19 49	19 56	20 25	1 30	4 37
T 4	18 3	26 33	3 5	6 51	3 22	3 46	1 52	14 25	1 38	15 30	0 47	3 45	2 35	11 36	0 45	22 21	0 50	14 56	16 37	19 49	19 55	20 23	1 29	4 37
W 5	18 18	26 19	4 2	7 12	3 22	4 13	1 53	14 15	1 37	15 28	0 48	3 46	2 35	11 36	0 45	22 21	0 50	14 55	16 37	19 50	19 55	20 21	1 28	4 37
T 6	18 33	24 22	4 45	7 35	3 21	4 40	1 54	14 6	1 35	15 27	0 48	3 46	2 34	11 35	0 45	22 21	0 50	14 55	16 38	19 50	19 54	20 19	1 27	4 37
F 7	18 47	20 53	5 10	7 59	3 19	5 6	1 54	13 56	1 33	15 26	0 48	3 47	2 34	11 35	0 45	22 21	0 50	14 55	16 38	19 50	19 53	20 17	1 26	4 37
S 8	19 2	16 12	5 16	8 25	3 17	5 33	1 55	13 46	1 32	15 24	0 48	3 47	2 34	11 35	0 45	22 21	0 50	14 55	16 38	19 50	19 53	20 15	1 25	4 38
S 9	19 16	10 38	5 3	8 53	3 13	5 59	1 55	13 36	1 30	15 23	0 49	3 47	2 34	11 34	0 45	22 21	0 50	14 55	16 38	19 50	19 52	20 13	1 24	4 38
M10	19 29	4 35	4 32	9 21	3 10	6 25	1 55	13 26	1 28	15 22	0 49	3 48	2 34	11 34	0 45	22 21	0 50	14 55	16 39	19 50	19 51	20 11	1 24	4 38
T 11	19 42	1n39	3 45	9 51	3 5	6 52	1 55	13 16	1 27	15 21	0 49	3 48	2 33	11 34	0 45	22 21	0 50	14 55	16 39	19 50	19 50	20 9	1 23	4 38
W12	19 55	7 44	2 46	10 22	3 0	7 18	1 55	13 5	1 25	15 20	0 49	3 48	2 33	11 33	0 45	22 21	0 50	14 55	16 39	19 50	19 50	20 7	1 22	4 38
T 13	20 8	13 23	1 38	10 54	2 55	7 44	1 55	12 55	1 24	15 19	0 50	3 48	2 33	11 33	0 45	22 21	0 50	14 55	16 40	19 50	19 49	20 5	1 21	4 38
F 14	20 20	18 18	0 26	11 27	2 49	8 10	1 55	12 44	1 22	15 18	0 50	3 48	2 33	11 33	0 45	22 21	0 50	14 55	16 40	19 50	19 48	20 3	1 20	4 39
S 15	20 32	22 15	0n46	12 2	2 42	8 36	1 55	12 34	1 21	15 17	0 50	3 48	2 32	11 33	0 45	22 22	0 50	14 55	16 40	19 50	19 48	20 1	1 20	4 39
S 16	20 43	25 0	1 55	12 36	2 35	9 1	1 55	12 23	1 19	15 16	0 50	3 48	2 32	11 33	0 45	22 22	0 50	14 54	16 41	19 50	19 47	19 59	1 19	4 39
M17	20 55	26 27	2 56	13 12	2 27	9 27	1 54	12 12	1 18	15 15	0 51	3 48	2 32	11 32	0 45	22 22	0 50	14 54	16 41	19 49	19 46	19 57	1 18	4 39
T 18	21 5	26 33	3 48	13 48	2 19	9 52	1 54	12 1	1 16	15 15	0 51	3 48	2 32	11 32	0 45	22 22	0 50	14 54	16 41	19 49	19 45	19 55	1 18	4 39
W19	21 16	25 21	4 29	14 25	2 10	10 17	1 53	11 50	1 15	15 14	0 51	3 48	2 32	11 32	0 45	22 22	0 50	14 54	16 42	19 49	19 45	19 53	1 17	4 40
T 20	21 26	23 1	4 58	15 2	2 1	10 42	1 53	11 39	1 14	15 13	0 51	3 48	2 31	11 32	0 45	22 22	0 50	14 54	16 42	19 49	19 44	19 51	1 16	4 40
F 21	21 36	19 43	5 13	15 40	1 51	11 7	1 52	11 27	1 12	15 13	0 52	3 48	2 31	11 32	0 46	22 22	0 50	14 54	16 42	19 49	19 43	19 49	1 16	4 40
S 22	21 45	15 39	5 15	16 18	1 42	11 32	1 51	11 16	1 11	15 12	0 52	3 48	2 31	11 32	0 46	22 22	0 50	14 55	16 43	19 49	19 43	19 47	1 15	4 40
S 23	21 54	10 57	5 4	16 55	1 31	11 56	1 51	11 4	1 9	15 12	0 52	3 47	2 31	11 32	0 46	22 22	0 50	14 55	16 43	19 49	19 42	19 45	1 14	4 41
M24	22 3	5 47	4 39	17 33	1 21	12 20	1 50	10 53	1 8	15 12	0 53	3 47	2 30	11 32	0 46	22 22	0 50	14 55	16 43	19 49	19 41	19 43	1 14	4 41
T 25	22 11	0 19	4 1	18 10	1 10	12 44	1 49	10 41	1 7	15 11	0 53	3 47	2 30	11 32	0 46	22 22	0 50	14 55	16 44	19 49	19 40	19 41	1 13	4 41
W26	22 19	5s18	3 11	18 47	0 59	13 8	1 48	10 29	1 5	15 11	0 53	3 46	2 30	11 31	0 46	22 22	0 50	14 55	16 44	19 49	19 40	19 39	1 13	4 41
T 27	22 26	10 51	2 10	19 24	0 48	13 31	1 47	10 17	1 4	15 11	0 53	3 46	2 30	11 31	0 46	22 23	0 50	14 55	16 44	19 49	19 39	19 37	1 12	4 41
F 28	22 33	16 4	1 0	19 59	0 37	13 54	1 45	10 5	1 3	15 11	0 54	3 46	2 30	11 31	0 46	22 23	0 50	14 55	16 45	19 50	19 38	19 35	1 12	4 42
S 29	22 40	20 39	0s15	20 34	0 26	14 17	1 44	9 53	1 1	15 11	0 54	3 45	2 29	11 31	0 46	22 23	0 50	14 55	16 45	19 50	19 37	19 33	1 11	4 42
S 30	22 46	24 10	1 31	21 7	0 15	14 39	1 43	9 41	1 0	15 11	0 54	3 45	2 29	11 32	0 46	22 23	0 50	14 55	16 45	19 50	19 37	19 30	1 11	4 42
M31	22n52	26s14	2s42	21n39	0s 4	15n 1	1s41	9n28	0n59	15s11	0s54	3n44	2n29	11s32	0s46	22s23	0n50	14s55	16s46	19n49	19n36	19n28	1s10	4n42

Julian Day Number = 2208056.5, Delta T = 09m34s
Ecliptic obliquity = 23°31'38, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°26'30, Lahiri = 14°33'31 Julian Calendar 1 May 1333 == Greg. Calendar 9 May 1333

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ASTRODIENST EPHEMERIS for the year 1333
geocentric

JUNE 1333 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	17 8 56	17♊42'30	13♑36	10♊ 5	17♉ 1	8♍35	21♒43	26♍22	1°R58	9°R 6	1♈ 3	28°R 7	27♉ 7	20♌51	16♓ 6	T 1
W 2	17 12 53	18°39'42	28°12	12°13	18°13	9° 5	21°R43	26°23	1♓58	9♑ 5	1° 3	28♉ 4	27° 4	20°58	16° 7	W 2
T 3	17 16 50	19°36'54	12♒48	14°23	19°25	9°35	21°43	26°24	1°58	9° 3	1° 4	28° 1	27° 1	21° 4	16° 7	T 3
F 4	17 20 46	20°34'06	27°19	16°33	20°36	10° 6	21°43	26°25	1°58	9° 2	1° 4	27°59	26°58	21°11	16° 8	F 4
S 5	17 24 43	21°31'18	11♓40	18°44	21°48	10°37	21°42	26°27	1°57	9° 0	1° 5	27°58	26°55	21°18	16° 8	S 5
S 6	17 28 39	22°28'30	25°48	20°55	23° 0	11° 7	21°42	26°28	1°57	8°59	1° 5	27°D58	26°52	21°24	16° 8	S 6
M 7	17 32 36	23°25'41	9♈41	23° 6	24°11	11°38	21°41	26°30	1°56	8°57	1° 5	27°59	26°48	21°31	16° 9	M 7
T 8	17 36 32	24°22'53	23°19	25°18	25°23	12° 9	21°40	26°31	1°56	8°56	1° 6	28° 0	26°45	21°38	16° 9	T 8
W 9	17 40 29	25°20'05	6♉42	27°28	26°35	12°41	21°39	26°33	1°56	8°54	1° 6	28° 1	26°42	21°45	16° 9	W 9
T 10	17 44 25	26°17'17	19°51	29°38	27°47	13°12	21°37	26°35	1°55	8°52	1° 6	28° 2	26°39	21°51	16° 9	T 10
F 11	17 48 22	27°14'29	2♊46	1♋47	28°59	13°44	21°36	26°37	1°54	8°51	1° 7	28°R 3	26°36	21°58	16°R 9	F 11
S 12	17 52 19	28°11'41	15°30	3°55	0♊11	14°16	21°34	26°39	1°54	8°49	1° 7	28° 1	26°32	22° 5	16° 9	S 12
S 13	17 56 15	29° 8'52	28° 2	6° 2	1°23	14°48	21°32	26°41	1°53	8°48	1° 7	27°59	26°29	22°12	16° 9	S 13
M14	18 0 12	0♋ 6'04	10♋23	8° 7	2°35	15°20	21°30	26°43	1°52	8°46	1° 7	27°54	26°26	22°18	16° 9	M14
T 15	18 4 8	1° 3'16	22°34	10°10	3°47	15°52	21°28	26°46	1°52	8°45	1° 8	27°49	26°23	22°25	16° 9	T 15
W16	18 8 5	2° 0'27	4♌37	12°12	4°59	16°25	21°25	26°48	1°51	8°43	1° 8	27°43	26°20	22°32	16° 8	W16
T 17	18 12 1	2°57'39	16°34	14°12	6°11	16°57	21°22	26°51	1°50	8°41	1° 8	27°37	26°17	22°38	16° 8	T 17
F 18	18 15 58	3°54'50	28°26	16°10	7°23	17°30	21°19	26°53	1°49	8°40	1° 8	27°32	26°13	22°45	16° 8	F 18
S 19	18 19 54	4°52'01	10♍18	18° 6	8°35	18° 3	21°16	26°56	1°48	8°38	1° 8	27°28	26°10	22°52	16° 7	S 19
S 20	18 23 51	5°49'12	22°13	20° 1	9°48	18°36	21°13	26°59	1°47	8°36	1° 8	27°25	26° 7	22°59	16° 7	S 20
M21	18 27 48	6°46'23	4♎16	21°53	11° 0	19° 9	21°10	27° 2	1°46	8°35	1° 8	27°D24	26° 4	23° 5	16° 6	M21
T 22	18 31 44	7°43'33	16°31	23°44	12°12	19°42	21° 6	27° 5	1°45	8°33	1° 8	27°24	26° 1	23°12	16° 6	T 22
W23	18 35 41	8°40'44	29° 3	25°33	13°24	20°16	21° 2	27° 8	1°44	8°32	1°R 8	27°26	25°58	23°19	16° 5	W23
T 24	18 39 37	9°37'55	11♏56	27°19	14°37	20°50	20°58	27°11	1°43	8°30	1° 8	27°27	25°54	23°26	16° 5	T 24
F 25	18 43 34	10°35'05	25°14	29° 4	15°49	21°23	20°54	27°14	1°42	8°28	1° 8	27°R28	25°51	23°32	16° 4	F 25
S 26	18 47 30	11°32'16	8♐59	0♌47	17° 2	21°57	20°50	27°18	1°40	8°27	1° 8	27°27	25°48	23°39	16° 3	S 26
S 27	18 51 27	12°29'27	23°11	2°28	18°14	22°31	20°45	27°21	1°39	8°25	1° 8	27°25	25°45	23°46	16° 2	S 27
M28	18 55 23	13°26'39	7♑45	4° 7	19°26	23° 5	20°41	27°25	1°38	8°24	1° 8	27°21	25°42	23°52	16° 1	M28
T 29	18 59 20	14°23'51	22°37	5°44	20°39	23°40	20°36	27°28	1°37	8°22	1° 8	27°15	25°38	23°59	16° 0	T 29
W30	19 3 17	15♋21'03	7♒38	7♌19	21♊52	24♍14	20♒31	27♍32	1♓35	8♑20	1♈ 8	27♉ 8	25♉35	24♌ 6	15♓59	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n57	26s33	3s45	22n10	0n 7	15n23	1s40	9n16	0n57	15s11	0s55	3n43	2n29	11s32	0s46	22s23	0n50	14s55	16s46	19n49	19n35	19n26	1s10	4n42
W 2	23 2	25 3	4 33	22 38	0 18	15 44	1 38	9 3	0 56	15 11	0 55	3 43	2 28	11 32	0 46	22 23	0 50	14 55	16 46	19 48	19 35	19 24	1 9	4 43
T 3	23 7	21 52	5 3	23 4	0 28	16 5	1 37	8 51	0 55	15 11	0 55	3 42	2 28	11 32	0 46	22 23	0 50	14 56	16 47	19 48	19 34	19 22	1 9	4 43
F 4	23 11	17 21	5 14	23 29	0 38	16 26	1 35	8 38	0 54	15 12	0 56	3 41	2 28	11 32	0 46	22 23	0 50	14 56	16 47	19 47	19 33	19 20	1 9	4 43
S 5	23 15	11 55	5 5	23 50	0 48	16 47	1 34	8 25	0 52	15 12	0 56	3 41	2 28	11 32	0 46	22 23	0 50	14 56	16 47	19 47	19 32	19 18	1 8	4 43
S 6	23 19	5 56	4 38	24 9	0 57	17 6	1 32	8 12	0 51	15 13	0 56	3 40	2 27	11 32	0 46	22 24	0 50	14 56	16 48	19 47	19 32	19 16	1 8	4 43
M 7	23 22	0n15	3 55	24 26	1 5	17 26	1 30	7 59	0 50	15 13	0 56	3 39	2 27	11 32	0 46	22 24	0 50	14 56	16 48	19 47	19 31	19 13	1 8	4 44
T 8	23 24	6 19	2 59	24 40	1 13	17 45	1 28	7 46	0 49	15 14	0 57	3 38	2 27	11 33	0 46	22 24	0 50	14 57	16 49	19 47	19 30	19 11	1 7	4 44
W 9	23 27	12 0	1 54	24 50	1 20	18 4	1 26	7 33	0 47	15 14	0 57	3 37	2 27	11 33	0 46	22 24	0 50	14 57	16 49	19 48	19 29	19 9	1 7	4 44
T 10	23 28	17 3	0 45	24 58	1 27	18 22	1 24	7 20	0 46	15 15	0 57	3 36	2 27	11 33	0 46	22 24	0 50	14 57	16 49	19 48	19 29	19 7	1 7	4 44
F 11	23 30	21 13	0n26	25 4	1 33	18 40	1 22	7 7	0 45	15 16	0 58	3 35	2 26	11 33	0 46	22 24	0 50	14 57	16 50	19 48	19 28	19 5	1 7	4 45
S 12	23 31	24 18	1 34	25 6	1 38	18 57	1 20	6 53	0 44	15 17	0 58	3 34	2 26	11 34	0 46	22 24	0 50	14 57	16 50	19 48	19 27	19 3	1 7	4 45
S 13	23 31	26 7	2 36	25 6	1 42	19 14	1 18	6 40	0 43	15 18	0 58	3 33	2 26	11 34	0 46	22 24	0 50	14 58	16 50	19 47	19 26	19 1	1 6	4 45
M14	23 32	26 37	3 31	25 2	1 46	19 31	1 16	6 26	0 42	15 19	0 58	3 32	2 26	11 34	0 46	22 24	0 50	14 58	16 51	19 46	19 26	18 58	1 6	4 45
T 15	23 31	25 48	4 14	24 57	1 49	19 46	1 14	6 13	0 40	15 20	0 59	3 31	2 25	11 34	0 46	22 25	0 50	14 58	16 51	19 45	19 25	18 56	1 6	4 45
W16	23 31	23 48	4 46	24 48	1 51	20 2	1 12	5 59	0 39	15 21	0 59	3 30	2 25	11 35	0 47	22 25	0 50	14 58	16 52	19 43	19 24	18 54	1 6	4 46
T 17	23 30	20 46	5 5	24 38	1 53	20 17	1 9	5 45	0 38	15 22	0 59	3 28	2 25	11 35	0 47	22 25	0 50	14 59	16 52	19 42	19 23	18 52	1 6	4 46
F 18	23 28	16 54	5 10	24 25	1 53	20 31	1 7	5 31	0 37	15 23	0 59	3 27	2 25	11 35	0 47	22 25	0 50	14 59	16 52	19 41	19 23	18 50	1 6	4 46
S 19	23 26	12 24	5 3	24 10	1 53	20 45	1 5	5 18	0 36	15 24	1 0	3 26	2 25	11 36	0 47	22 25	0 50	14 59	16 53	19 40	19 22	18 47	1 6	4 46
S 20	23 24	7 25	4 42	23 53	1 53	20 58	1 2	5 4	0 35	15 26	1 0	3 25	2 24	11 36	0 47	22 25	0 50	15 0	16 53	19 39	19 21	18 45	1 6	4 46
M21	23 21	2 6	4 9	23 35	1 52	21 11	1 0	4 49	0 34	15 27	1 0	3 23	2 24	11 37	0 47	22 25	0 50	15 0	16 53	19 39	19 20	18 43	1 6	4 47
T 22	23 18	3s23	3 24	23 14	1 50	21 23	0 58	4 35	0 33	15 28	1 0	3 22	2 24	11 37	0 47	22 25	0 50	15 0	16 54	19 39	19 20	18 41	1 6	4 47
W23	23 15	8 52	2 28	22 52	1 47	21 35	0 55	4 21	0 31	15 30	1 1	3 20	2 24	11 37	0 47	22 25	0 50	15 1	16 54	19 39	19 19	18 39	1 6	4 47
T 24	23 11	14 9	1 23	22 28	1 44	21 46	0 53	4 7	0 30	15 31	1 1	3 19	2 23	11 38	0 47	22 26	0 50	15 1	16 54	19 40	19 18	18 36	1 6	4 47
F 25	23 6	18 57	0 12	22 4	1 41	21 56	0 50	3 53	0 29	15 33	1 1	3 17	2 23	11 38	0 47	22 26	0 50	15 1	16 55	19 40	19 17	18 34	1 6	4 47
S 26	23 1	22 54	1s 2	21 37	1 36	22 6	0 48	3 38	0 28	15 34	1 2	3 16	2 23	11 39	0 47	22 26	0 50	15 2	16 55	19 40	19 17	18 32	1 6	4 48
S 27	22 56	25 35	2 14	21 10	1 32	22 15	0 45	3 24	0 27	15 36	1 2	3 14	2 23	11 39	0 47	22 26	0 50	15 2	16 56	19 39	19 16	18 30	1 6	4 48
M28	22 51	26 37	3 20	20 42	1 26	22 24	0 43	3 9	0 26	15 38	1 2	3 13	2 23	11 40	0 47	22 26	0 50	15 2	16 56	19 38	19 15	18 27	1 7	4 48
T 29	22 45	25 47	4 13	20 13	1 21	22 32	0 40	2 55	0 25	15 40	1 2	3 11	2 22	11 40	0 47	22 26	0 50	15 3	16 56	19 37	19 14	18 25	1 7	4 48
W30	22n38	23s 5	4s49	19n43	1n15	22n39	0s37	2n40	0n24	15s41	1s 3	3n 9	2n22	11s41	0s47	22s26	0n50	15s 3	16s57	19n35	19n14	18n23	1s 7	4n48

Julian Day Number = 2208087.5, Delta T = 09m33s
Ecliptic obliquity = 23°31'37, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°26'35, Lahiri = 14°33'35 Julian Calendar 1 June 1333 == Greg. Calendar 9 June 1333

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ASTRODIENST EPHEMERIS for the year 1333
geocentric

JULY 1333 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	19 7 13	16♋18'16	22♒39	8♌52	23♊ 4	24♍49	20°R26	27♍36	1°R34	8°R19	1°R 8	27°R 1	25♉32	24♌13	15°R58	T 1
F 2	19 11 10	17°15'29	7♓30	10°23	24°17	25°23	20♒21	27°40	1♓32	8♏17	1♈ 8	26♉54	25°29	24°19	15♓57	F 2
S 3	19 15 6	18°12'43	22° 5	11°52	25°30	25°58	20°15	27°44	1°31	8°15	1° 7	26°50	25°26	24°26	15°56	S 3
S 4	19 19 3	19° 9'58	6♈20	13°19	26°42	26°33	20°10	27°48	1°29	8°14	1° 7	26°47	25°23	24°33	15°55	S 4
M 5	19 22 59	20° 7'14	20°12	14°44	27°55	27° 8	20° 4	27°52	1°28	8°12	1° 7	26°D47	25°19	24°39	15°54	M 5
T 6	19 26 56	21° 4'31	3♉42	16° 7	29° 8	27°43	19°58	27°56	1°26	8°11	1° 7	26°47	25°16	24°46	15°52	T 6
W 7	19 30 52	22° 1'49	16°52	17°28	0♋21	28°19	19°52	28° 0	1°24	8° 9	1° 6	26°48	25°13	24°53	15°51	W 7
T 8	19 34 49	22°59'07	29°45	18°47	1°34	28°54	19°46	28° 4	1°23	8° 8	1° 6	26°R48	25°10	25° 0	15°50	T 8
F 9	19 38 46	23°56'27	12♊23	20° 4	2°46	29°30	19°40	28° 9	1°21	8° 6	1° 6	26°47	25° 7	25° 6	15°48	F 9
S 10	19 42 42	24°53'48	24°49	21°18	3°59	0♎ 5	19°34	28°13	1°19	8° 5	1° 5	26°44	25° 4	25°13	15°47	S 10
S 11	19 46 39	25°51'10	7♋ 6	22°31	5°12	0°41	19°27	28°18	1°17	8° 3	1° 5	26°38	25° 0	25°20	15°45	S 11
M12	19 50 35	26°48'32	19°15	23°41	6°25	1°17	19°20	28°22	1°16	8° 1	1° 5	26°29	24°57	25°27	15°44	M12
T 13	19 54 32	27°45'56	1♌18	24°48	7°39	1°53	19°14	28°27	1°14	8° 0	1° 4	26°19	24°54	25°33	15°42	T 13
W14	19 58 28	28°43'20	13°15	25°53	8°52	2°29	19° 7	28°32	1°12	7°58	1° 4	26° 7	24°51	25°40	15°41	W14
T 15	20 2 25	29°40'45	25° 8	26°55	10° 5	3° 5	19° 0	28°37	1°10	7°57	1° 3	25°55	24°48	25°47	15°39	T 15
F 16	20 6 22	0♌38'11	6♍59	27°55	11°18	3°42	18°53	28°42	1° 8	7°56	1° 3	25°45	24°44	25°53	15°37	F 16
S 17	20 10 18	1°35'38	18°51	28°52	12°31	4°18	18°46	28°47	1° 6	7°54	1° 2	25°35	24°41	26° 0	15°35	S 17
S 18	20 14 15	2°33'05	0♎45	29°45	13°44	4°55	18°39	28°52	1° 4	7°53	1° 2	25°29	24°38	26° 7	15°33	S 18
M19	20 18 11	3°30'33	12°47	0♍36	14°58	5°32	18°31	28°57	1° 2	7°51	1° 1	25°24	24°35	26°14	15°32	M19
T 20	20 22 8	4°28'02	24°59	1°23	16°11	6° 8	18°24	29° 2	1° 0	7°50	1° 1	25°22	24°32	26°20	15°30	T 20
W21	20 26 4	5°25'32	7♏27	2° 7	17°24	6°45	18°17	29° 7	0°58	7°48	1° 0	25°D22	24°29	26°27	15°28	W21
T 22	20 30 1	6°23'03	20°16	2°48	18°38	7°22	18° 9	29°13	0°56	7°47	1° 0	25°R22	24°25	26°34	15°26	T 22
F 23	20 33 57	7°20'35	3♐30	3°24	19°51	7°59	18° 1	29°18	0°54	7°46	0°59	25°22	24°22	26°41	15°24	F 23
S 24	20 37 54	8°18'07	17°12	3°57	21° 5	8°37	17°54	29°23	0°52	7°44	0°58	25°20	24°19	26°47	15°22	S 24
S 25	20 41 51	9°15'41	1♑23	4°25	22°18	9°14	17°46	29°29	0°49	7°43	0°58	25°17	24°16	26°54	15°19	S 25
M26	20 45 47	10°13'15	16° 2	4°49	23°32	9°52	17°38	29°34	0°47	7°42	0°57	25°10	24°13	27° 1	15°17	M26
T 27	20 49 44	11°10'51	1♒ 4	5° 8	24°45	10°29	17°31	29°40	0°45	7°40	0°56	25° 1	24°10	27° 7	15°15	T 27
W28	20 53 40	12° 8'28	16°19	5°22	25°59	11° 7	17°23	29°46	0°43	7°39	0°56	24°51	24° 6	27°14	15°13	W28
T 29	20 57 37	13° 6'06	1♓37	5°32	27°12	11°44	17°15	29°51	0°41	7°38	0°55	24°41	24° 3	27°21	15°11	T 29
F 30	21 1 33	14° 3'46	16°46	5°R36	28°26	12°22	17° 7	29°57	0°38	7°37	0°54	24°31	24° 0	27°28	15° 8	F 30
S 31	21 5 30	15♌ 1'27	1♈37	5♍34	29♋40	13♎ 0	16♒59	0♎ 3	0♓36	7♏35	0♈54	24♉24	23♉57	27♌34	15♓ 6	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	22n32	18s50	5s 6	19n12	1n 8	22n46	0s35	2n25	0n23	15s43	1s 3	3n 8	2n22	11s41	0s47	22s26	0n50	15s 3	16s57	19n34	19n13	18n21	1s 7	4n49	
F 2	22 25	13 27	5 2	18 41	1 1	22 52	0 32	2 11	0 22	15 45	1 3	3 6	2 22	11 42	0 47	22 27	0 50	15 4	16 57	19 32	19 12	18 18	1 7	4 49	
S 3	22 17	7 24	4 38	18 9	0 53	22 57	0 30	1 56	0 21	15 47	1 3	3 4	2 22	11 43	0 47	22 27	0 50	15 4	16 58	19 31	19 11	18 16	1 8	4 49	
S 4	22 9	1 6	3 57	17 37	0 45	23 2	0 27	1 41	0 20	15 49	1 4	3 3	2 21	11 43	0 47	22 27	0 50	15 5	16 58	19 31	19 11	18 14	1 8	4 49	
M 5	22 1	5n 5	3 3	17 4	0 37	23 6	0 24	1 26	0 19	15 51	1 4	3 1	2 21	11 44	0 47	22 27	0 50	15 5	16 58	19 30	19 10	18 12	1 8	4 49	
T 6	21 52	10 54	2 1	16 31	0 29	23 10	0 22	1 11	0 18	15 53	1 4	2 59	2 21	11 44	0 47	22 27	0 50	15 6	16 59	19 31	19 9	18 9	1 9	4 49	
W 7	21 43	16 5	0 53	15 58	0 20	23 12	0 19	0 56	0 17	15 55	1 4	2 57	2 21	11 45	0 47	22 27	0 50	15 6	16 59	19 31	19 8	18 7	1 9	4 50	
T 8	21 34	20 26	0n16	15 25	0 10	23 15	0 16	0 41	0 16	15 58	1 4	2 55	2 21	11 46	0 47	22 27	0 50	15 6	17 0	19 31	19 8	18 5	1 9	4 50	
F 9	21 24	23 43	1 22	14 52	0 1	23 16	0 14	0 26	0 15	16 0	1 5	2 53	2 20	11 46	0 47	22 27	0 49	15 7	17 0	19 31	19 7	18 2	1 10	4 50	
S 10	21 14	25 49	2 24	14 18	0s 9	23 17	0 11	0 11	0 14	16 2	1 5	2 51	2 20	11 47	0 47	22 27	0 49	15 7	17 0	19 30	19 6	18 0	1 10	4 50	
S 11	21 3	26 38	3 18	13 45	0 19	23 17	0 9	0s 4	0 13	16 4	1 5	2 49	2 20	11 48	0 47	22 28	0 49	15 8	17 1	19 28	19 5	17 58	1 11	4 50	
M12	20 52	26 8	4 2	13 13	0 30	23 16	0 6	0 19	0 12	16 7	1 5	2 47	2 20	11 48	0 47	22 28	0 49	15 8	17 1	19 26	19 4	17 55	1 11	4 50	
T 13	20 41	24 24	4 35	12 40	0 40	23 15	0 3	0 35	0 11	16 9	1 5	2 45	2 20	11 49	0 47	22 28	0 49	15 9	17 1	19 24	19 4	17 53	1 12	4 51	
W14	20 30	21 37	4 55	12 8	0 51	23 13	0 1	0 50	0 10	16 11	1 6	2 43	2 20	11 50	0 47	22 28	0 49	15 9	17 2	19 21	19 3	17 51	1 12	4 51	
T 15	20 18	17 56	5 2	11 37	1 2	23 10	0n 2	1 5	0 10	16 14	1 6	2 41	2 19	11 50	0 47	22 28	0 49	15 10	17 2	19 18	19 2	17 48	1 13	4 51	
F 16	20 5	13 34	4 57	11 6	1 14	23 7	0 4	1 21	0 9	16 16	1 6	2 39	2 19	11 51	0 47	22 28	0 49	15 10	17 2	19 16	19 1	17 46	1 13	4 51	
S 17	19 53	8 41	4 38	10 35	1 25	23 3	0 7	1 36	0 8	16 18	1 6	2 37	2 19	11 52	0 47	22 28	0 49	15 11	17 3	19 14	19 1	17 44	1 14	4 51	
S 18	19 40	3 29	4 8	10 6	1 36	22 58	0 10	1 51	0 7	16 21	1 6	2 35	2 19	11 52	0 47	22 28	0 49	15 11	17 3	19 12	19 0	17 41	1 14	4 51	
M19	19 26	1s54	3 26	9 37	1 48	22 53	0 12	2 7	0 6	16 23	1 7	2 32	2 19	11 53	0 47	22 28	0 49	15 12	17 3	19 11	18 59	17 39	1 15	4 51	
T 20	19 13	7 19	2 34	9 9	2 0	22 47	0 15	2 22	0 5	16 26	1 7	2 30	2 19	11 54	0 48	22 29	0 49	15 12	17 4	19 11	18 58	17 37	1 15	4 52	
W21	18 59	12 34	1 34	8 43	2 12	22 40	0 17	2 38	0 4	16 28	1 7	2 28	2 18	11 55	0 48	22 29	0 49	15 13	17 4	19 10	18 58	17 34	1 16	4 52	
T 22	18 45	17 27	0 27	8 17	2 23	22 33	0 20	2 53	0 3	16 31	1 7	2 26	2 18	11 55	0 48	22 29	0 49	15 13	17 4	19 11	18 57	17 32	1 17	4 52	
F 23	18 30	21 38	0s43	7 53	2 35	22 25	0 22	3 9	0 2	16 33	1 7	2 23	2 18	11 56	0 48	22 29	0 49	15 14	17 5	19 11	18 56	17 30	1 17	4 52	
S 24	18 15	24 47	1 53	7 31	2 47	22 16	0 24	3 24	0 1	16 36	1 7	2 21	2 18	11 57	0 48	22 29	0 49	15 14	17 5	19 10	18 55	17 27	1 18	4 52	
S 25	18 0	26 30	2 58	7 10	2 58	22 7	0 27	3 40	0 1	16 38	1 8	2 19	2 18	11 58	0 48	22 29	0 49	15 15	17 5	19 9	18 54	17 25	1 19	4 52	
M26	17 45	26 26	3 54	6 50	3 10	21 57	0 29	3 55	0s 0	16 41	1 8	2 16	2 18	11 59	0 48	22 29	0 49	15 15	17 5	19 8	18 54	17 22	1 20	4 52	
T 27	17 29	24 28	4 35	6 33	3 21	21 46	0 32	4 11	0 1	16 43	1 8	2 14	2 18	11 59	0 48	22 29	0 49	15 16	17 6	19 6	18 53	17 20	1 20	4 52	
W28	17 13	20 44	4 57	6 18	3 31	21 35	0 34	4 27	0 2	16 46	1 8	2 12	2 17	12 0	0 48	22 29	0 49	15 16	17 6	19 3	18 52	17 18	1 21	4 52	
T 29	16 57	15 35	4 59	6 5	3 42	21 23	0 36	4 42	0 3	16 48	1 8	2 9	2 17	12 1	0 48	22 29	0 49	15 17	17 6	19 0	18 51	17 15	1 22	4 53	
F 30	16 40	9 31	4 39	5 54	3 51	21 11	0 38	4 58	0 4	16 51	1 8	2 7	2 17	12 2	0 48	22 30	0 49	15 17	17 7	18 58	18 50	17 13	1 23	4 53	
S 31	16n23	3s 1	4s 0	5n46	4s 0	20n57	0n40	5s13	0s 5	16s53	1s 8	2n 4	2n17	12s 3	0s48	22s30	0n49	15s18	17s 7	18n56	18n50	17n10	1s23	4n53	

Julian Day Number = 2208117.5, Delta T = 09m33s
Ecliptic obliquity = 23°31'38, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°26'39, Lahiri = 14°33'39 Julian Calendar 1 July 1333 == Greg. Calendar 9 July 1333

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ASTRODIENST EPHEMERIS for the year 1333
geocentric

AUGUST 1333 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	21 9 26	15♌59'09	16♈ 4	5°R27	0♌53	13♎38	16°R52	0♎ 9	0°R34	7°R34	0°R53	24°R19	23♉54	27♌41	15°R 4	S 1
M 2	21 13 23	16°56'53	0♉ 3	5♍15	2° 7	14°16	16♒44	0°15	0♓31	7♑33	0♈52	24♉16	23°50	27°48	15♓ 1	M 2
T 3	21 17 20	17°54'39	13°35	4°56	3°21	14°55	16°36	0°21	0°29	7°32	0°51	24°16	23°47	27°55	14°59	T 3
W 4	21 21 16	18°52'27	26°42	4°32	4°35	15°33	16°28	0°27	0°27	7°31	0°50	24°16	23°44	28° 1	14°57	W 4
T 5	21 25 13	19°50'17	9♊28	4° 2	5°49	16°12	16°20	0°33	0°24	7°30	0°50	24°15	23°41	28° 8	14°54	T 5
F 6	21 29 9	20°48'08	21°57	3°27	7° 3	16°50	16°12	0°39	0°22	7°29	0°49	24°13	23°38	28°15	14°52	F 6
S 7	21 33 6	21°46'02	4♋13	2°46	8°17	17°29	16° 4	0°45	0°20	7°28	0°48	24° 8	23°35	28°21	14°49	S 7
S 8	21 37 2	22°43'56	16°20	2° 1	9°31	18° 8	15°57	0°52	0°17	7°27	0°47	24° 1	23°31	28°28	14°47	S 8
M 9	21 40 59	23°41'53	28°20	1°12	10°45	18°46	15°49	0°58	0°15	7°26	0°46	23°50	23°28	28°35	14°44	M 9
T 10	21 44 55	24°39'51	10♌15	0°20	11°59	19°25	15°41	1° 4	0°13	7°25	0°45	23°38	23°25	28°42	14°41	T 10
W11	21 48 52	25°37'51	22° 8	29♌26	13°13	20° 4	15°33	1°11	0°10	7°24	0°44	23°24	23°22	28°48	14°39	W11
T 12	21 52 49	26°35'53	4♍ 0	28°30	14°27	20°44	15°26	1°17	0° 8	7°23	0°43	23°10	23°19	28°55	14°36	T 12
F 13	21 56 45	27°33'56	15°52	27°33	15°41	21°23	15°18	1°24	0° 5	7°22	0°42	22°56	23°15	29° 2	14°33	F 13
S 14	22 0 42	28°32'00	27°46	26°38	16°55	22° 2	15°11	1°30	0° 3	7°21	0°41	22°45	23°12	29° 8	14°31	S 14
S 15	22 4 38	29°30'07	9♎44	25°45	18°10	22°42	15° 3	1°37	0° 1	7°20	0°40	22°36	23° 9	29°15	14°28	S 15
M16	22 8 35	0♍28'14	21°48	24°55	19°24	23°21	14°56	1°43	29♒58	7°19	0°39	22°30	23° 6	29°22	14°25	M16
T 17	22 12 31	1°26'24	4♏ 2	24°10	20°38	24° 1	14°49	1°50	29°56	7°18	0°38	22°27	23° 3	29°29	14°23	T 17
W18	22 16 28	2°24'35	16°29	23°31	21°52	24°40	14°42	1°56	29°53	7°18	0°37	22°26	23° 0	29°35	14°20	W18
T 19	22 20 24	3°22'47	29°15	22°58	23° 7	25°20	14°35	2° 3	29°51	7°17	0°36	22°26	22°56	29°42	14°17	T 19
F 20	22 24 21	4°21'01	12♐23	22°32	24°21	26° 0	14°28	2°10	29°49	7°16	0°35	22°26	22°53	29°49	14°14	F 20
S 21	22 28 17	5°19'16	25°58	22°15	25°35	26°40	14°21	2°17	29°46	7°16	0°34	22°24	22°50	29°56	14°12	S 21
S 22	22 32 14	6°17'33	10♑ 0	22° 6	26°50	27°20	14°14	2°24	29°44	7°15	0°33	22°21	22°47	0♍ 2	14° 9	S 22
M23	22 36 11	7°15'52	24°31	22°D 6	28° 4	28° 0	14° 7	2°30	29°42	7°14	0°32	22°15	22°44	0° 9	14° 6	M23
T 24	22 40 7	8°14'12	9♒27	22°15	29°19	28°41	14° 1	2°37	29°39	7°14	0°31	22° 6	22°41	0°16	14° 3	T 24
W25	22 44 4	9°12'34	24°39	22°33	0♍33	29°21	13°54	2°44	29°37	7°13	0°30	21°56	22°37	0°22	14° 1	W25
T 26	22 48 0	10°10'58	9♓59	23° 0	1°48	0♏ 1	13°48	2°51	29°35	7°13	0°29	21°46	22°34	0°29	13°58	T 26
F 27	22 51 57	11° 9'23	25°14	23°36	3° 2	0°42	13°42	2°58	29°32	7°12	0°28	21°37	22°31	0°36	13°55	F 27
S 28	22 55 53	12° 7'50	10♈15	24°21	4°17	1°22	13°36	3° 5	29°30	7°12	0°27	21°29	22°28	0°43	13°52	S 28
S 29	22 59 50	13° 6'20	24°51	25°13	5°31	2° 3	13°30	3°12	29°28	7°11	0°26	21°24	22°25	0°49	13°49	S 29
M30	23 3 46	14° 4'51	9♉ 0	26°13	6°46	2°44	13°24	3°19	29°25	7°11	0°25	21°22	22°21	0°56	13°46	M30
T 31	23 7 43	15♍ 3'25	22♉39	27♌21	8♍ 1	3♏25	13♒19	3♎26	29♒23	7♑10	0♈24	21°D21	22♉18	1♍ 3	13♓44	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	16n 6	3n28	3s 7	5n41	4s 9	20n44	0n43	5s29	0s 5	16s56	1s 9	2n 2	2n17	12s 3	0s48	22s30	0n49	15s19	17s 7	18n55	18n49	17n 8	1s24	4n53
M 2	15 49	9 36	2 4	5 39	4 16	20 29	0 45	5 45	0 6	16 58	1 9	1 59	2 17	12 4	0 48	22 30	0 49	15 19	17 7	18 55	18 48	17 6	1 25	4 53
T 3	15 31	15 5	0 56	5 39	4 23	20 14	0 47	6 0	0 7	17 1	1 9	1 57	2 17	12 5	0 48	22 30	0 49	15 20	17 8	18 54	18 47	17 3	1 26	4 53
W 4	15 13	19 42	0n13	5 43	4 28	19 59	0 49	6 16	0 8	17 3	1 9	1 54	2 16	12 6	0 48	22 30	0 49	15 20	17 8	18 54	18 47	17 1	1 27	4 53
T 5	14 55	23 16	1 19	5 50	4 32	19 42	0 51	6 32	0 9	17 6	1 9	1 52	2 16	12 7	0 48	22 30	0 49	15 21	17 8	18 54	18 46	16 58	1 28	4 53
F 6	14 37	25 37	2 21	6 0	4 35	19 26	0 53	6 47	0 10	17 8	1 9	1 49	2 16	12 8	0 48	22 30	0 49	15 21	17 8	18 54	18 45	16 56	1 29	4 53
S 7	14 18	26 42	3 14	6 14	4 36	19 8	0 55	7 3	0 10	17 11	1 9	1 47	2 16	12 8	0 48	22 30	0 49	15 22	17 9	18 53	18 44	16 53	1 30	4 53
S 8	13 59	26 28	3 58	6 30	4 35	18 51	0 57	7 18	0 11	17 13	1 9	1 44	2 16	12 9	0 48	22 30	0 49	15 22	17 9	18 51	18 43	16 51	1 30	4 53
M 9	13 40	24 59	4 31	6 50	4 33	18 32	0 58	7 34	0 12	17 15	1 9	1 41	2 16	12 10	0 48	22 30	0 49	15 23	17 9	18 48	18 43	16 48	1 31	4 53
T 10	13 21	22 24	4 51	7 12	4 29	18 13	1 0	7 49	0 13	17 18	1 9	1 39	2 16	12 11	0 48	22 31	0 49	15 24	17 9	18 45	18 42	16 46	1 32	4 53
W11	13 1	18 53	4 59	7 37	4 22	17 54	1 2	8 5	0 13	17 20	1 9	1 36	2 16	12 12	0 48	22 31	0 49	15 24	17 10	18 41	18 41	16 44	1 33	4 53
T 12	12 42	14 38	4 54	8 4	4 14	17 34	1 3	8 20	0 14	17 22	1 10	1 34	2 16	12 13	0 48	22 31	0 49	15 25	17 10	18 38	18 40	16 41	1 34	4 53
F 13	12 22	9 50	4 36	8 33	4 4	17 14	1 5	8 36	0 15	17 25	1 10	1 31	2 15	12 14	0 48	22 31	0 49	15 25	17 10	18 34	18 39	16 39	1 35	4 54
S 14	12 2	4 39	4 6	9 2	3 52	16 53	1 7	8 51	0 16	17 27	1 10	1 28	2 15	12 14	0 48	22 31	0 49	15 26	17 10	18 32	18 39	16 36	1 36	4 54
S 15	11 41	0s44	3 25	9 33	3 39	16 31	1 8	9 7	0 17	17 29	1 10	1 25	2 15	12 15	0 48	22 31	0 49	15 26	17 10	18 29	18 38	16 34	1 37	4 54
M16	11 21	6 8	2 34	10 4	3 24	16 9	1 9	9 22	0 17	17 32	1 10	1 23	2 15	12 16	0 48	22 31	0 48	15 27	17 11	18 28	18 37	16 31	1 38	4 54
T 17	11 0	11 24	1 36	10 34	3 7	15 47	1 11	9 38	0 18	17 34	1 10	1 20	2 15	12 17	0 48	22 31	0 48	15 28	17 11	18 27	18 36	16 29	1 39	4 54
W18	10 39	16 20	0 31	11 3	2 50	15 24	1 12	9 53	0 19	17 36	1 10	1 17	2 15	12 18	0 48	22 31	0 48	15 28	17 11	18 27	18 35	16 26	1 40	4 54
T 19	10 18	20 39	0s36	11 31	2 32	15 1	1 13	10 8	0 20	17 38	1 10	1 15	2 15	12 19	0 48	22 31	0 48	15 29	17 11	18 27	18 35	16 24	1 41	4 54
F 20	9 57	24 4	1 44	11 57	2 13	14 37	1 15	10 24	0 20	17 40	1 10	1 12	2 15	12 20	0 48	22 31	0 48	15 29	17 11	18 27	18 34	16 21	1 43	4 54
S 21	9 36	26 15	2 47	12 21	1 54	14 13	1 16	10 39	0 21	17 42	1 10	1 9	2 15	12 20	0 48	22 31	0 48	15 30	17 12	18 26	18 33	16 19	1 44	4 54
S 22	9 14	26 52	3 44	12 42	1 35	13 49	1 17	10 54	0 22	17 44	1 10	1 6	2 15	12 21	0 48	22 31	0 48	15 30	17 12	18 25	18 32	16 16	1 45	4 54
M23	8 52	25 41	4 27	13 0	1 16	13 24	1 18	11 9	0 22	17 46	1 10	1 3	2 15	12 22	0 48	22 32	0 48	15 31	17 12	18 24	18 31	16 14	1 46	4 54
T 24	8 31	22 41	4 54	13 15	0 57	12 59	1 19	11 24	0 23	17 48	1 10	1 1	2 15	12 23	0 48	22 32	0 48	15 32	17 12	18 22	18 30	16 11	1 47	4 53
W25	8 9	18 4	5 1	13 26	0 39	12 33	1 20	11 39	0 24	17 50	1 10	0 58	2 14	12 24	0 48	22 32	0 48	15 32	17 12	18 19	18 30	16 9	1 48	4 53
T 26	7 47	12 16	4 47	13 34	0 22	12 8	1 20	11 54	0 25	17 52	1 10	0 55	2 14	12 24	0 48	22 32	0 48	15 33	17 12	18 16	18 29	16 6	1 49	4 53
F 27	7 24	5 45	4 12	13 37	0 5	11 41	1 21	12 9	0 25	17 53	1 10	0 52	2 14	12 25	0 48	22 32	0 48	15 33	17 12	18 14	18 28	16 4	1 50	4 53
S 28	7 2	1n 1	3 20	13 37	0n11	11 15	1 22	12 24	0 26	17 55	1 10	0 49	2 14	12 26	0 48	22 32	0 48	15 34	17 13	18 12	18 27	16 1	1 51	4 53
S 29	6 40	7 33	2 16	13 33	0 25	10 48	1 23	12 39	0 27	17 57	1 10	0 47	2 14	12 27	0 48	22 32	0 48	15 34	17 13	18 11	18 26	15 58	1 52	4 53
M30	6 17	13 31	1 5	13 26	0 39	10 21	1 23	12 54	0 27	17 58	1 10	0 44	2 14	12 28	0 48	22 32	0 48	15 35	17 13	18 10	18 26	15 56	1 54	4 53
T 31	5n54	18n37	0n 7	13n14	0n51	9n53	1n24	13s 8	0s28	18s 0	1s10	0n41	2n14	12s29	0s48	22s32	0n48	15s35	17s13	18n10	18n25	15n53	1s55	4n53

Julian Day Number = 2208148.5, Delta T = 09m33s
Ecliptic obliquity = 23°31'39, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°26'43, Lahiri = 14°33'44 Julian Calendar 1 Aug. 1333 == Greg. Calendar 9 Aug. 1333

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ASTRODIENST EPHEMERIS for the year 1333
geocentric

SEPTEMBER 1333 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	23 11 40	16♍ 2'01	5♊51	28♌34	9♍15	4♏ 6	13°R13	3♎33	29°R21	7°R10	0°R22	21♉22	22♉15	1♍ 9	13°R41	W 1
T 2	23 15 36	17° 0'40	18°39	29°54	10°30	4°47	13♒ 8	3°40	29♒18	7♑10	0♈21	21°R22	22°12	1°16	13♓38	T 2
F 3	23 19 33	17°59'21	1♋ 6	1♍19	11°45	5°28	13° 3	3°47	29°16	7°10	0°20	21°21	22° 9	1°23	13°35	F 3
S 4	23 23 29	18°58'04	13°19	2°48	12°59	6° 9	12°58	3°55	29°14	7° 9	0°19	21°18	22° 6	1°30	13°32	S 4
S 5	23 27 26	19°56'49	25°21	4°22	14°14	6°50	12°53	4° 2	29°12	7° 9	0°18	21°13	22° 2	1°36	13°30	S 5
M 6	23 31 22	20°55'36	7♌17	5°58	15°29	7°31	12°48	4° 9	29°10	7° 9	0°17	21° 5	21°59	1°43	13°27	M 6
T 7	23 35 19	21°54'26	19° 9	7°38	16°44	8°13	12°44	4°16	29° 7	7° 9	0°16	20°55	21°56	1°50	13°24	T 7
W 8	23 39 15	22°53'17	1♍ 1	9°20	17°59	8°54	12°39	4°23	29° 5	7° 9	0°14	20°44	21°53	1°57	13°21	W 8
T 9	23 43 12	23°52'11	12°54	11° 4	19°13	9°36	12°35	4°31	29° 3	7° 9	0°13	20°33	21°50	2° 3	13°19	T 9
F 10	23 47 9	24°51'07	24°49	12°49	20°28	10°18	12°31	4°38	29° 1	7° 9	0°12	20°22	21°47	2°10	13°16	F 10
S 11	23 51 5	25°50'05	6♎50	14°36	21°43	11° 0	12°27	4°45	28°59	7°D 9	0°11	20°13	21°43	2°17	13°13	S 11
S 12	23 55 2	26°49'05	18°56	16°23	22°58	11°41	12°24	4°52	28°57	7° 9	0°10	20° 6	21°40	2°23	13°10	S 12
M13	23 58 58	27°48'07	1♏ 9	18°11	24°13	12°23	12°20	5° 0	28°55	7° 9	0° 8	20° 2	21°37	2°30	13° 8	M13
T 14	0 2 55	28°47'11	13°32	19°59	25°28	13° 5	12°17	5° 7	28°53	7° 9	0° 7	20° 0	21°34	2°37	13° 5	T 14
W15	0 6 51	29°46'16	26° 7	21°47	26°43	13°47	12°14	5°14	28°51	7° 9	0° 6	20°D 0	21°31	2°44	13° 2	W15
T 16	0 10 48	0♎45'24	8♐57	23°35	27°58	14°30	12°11	5°22	28°49	7° 9	0° 5	20° 1	21°27	2°50	13° 0	T 16
F 17	0 14 44	1°44'33	22° 5	25°23	29°13	15°12	12° 8	5°29	28°47	7° 9	0° 4	20° 2	21°24	2°57	12°57	F 17
S 18	0 18 41	2°43'45	5♑35	27°10	0♎28	15°54	12° 6	5°36	28°45	7° 9	0° 3	20°R 3	21°21	3° 4	12°54	S 18
S 19	0 22 38	3°42'58	19°28	28°57	1°43	16°37	12° 4	5°43	28°44	7°10	0° 1	20° 1	21°18	3°10	12°52	S 19
M20	0 26 34	4°42'12	3♒44	0♎44	2°58	17°19	12° 1	5°51	28°42	7°10	0° 0	19°58	21°15	3°17	12°49	M20
T 21	0 30 31	5°41'29	18°22	2°29	4°13	18° 2	12° 0	5°58	28°40	7°10	29♓59	19°53	21°12	3°24	12°47	T 21
W22	0 34 27	6°40'47	3♓18	4°15	5°28	18°44	11°58	6° 5	28°38	7°11	29°58	19°47	21° 8	3°31	12°44	W22
T 23	0 38 24	7°40'07	18°22	5°59	6°43	19°27	11°56	6°13	28°36	7°11	29°57	19°41	21° 5	3°37	12°42	T 23
F 24	0 42 20	8°39'29	3♈26	7°43	7°58	20°10	11°55	6°20	28°35	7°11	29°56	19°35	21° 2	3°44	12°39	F 24
S 25	0 46 17	9°38'53	18°21	9°26	9°13	20°53	11°54	6°27	28°33	7°12	29°54	19°30	20°59	3°51	12°37	S 25
S 26	0 50 13	10°38'20	2♉57	11° 9	10°28	21°36	11°53	6°35	28°32	7°12	29°53	19°27	20°56	3°57	12°34	S 26
M27	0 54 10	11°37'48	17° 9	12°51	11°43	22°19	11°52	6°42	28°30	7°13	29°52	19°D26	20°52	4° 4	12°32	M27
T 28	0 58 7	12°37'19	0♊55	14°32	12°58	23° 2	11°52	6°49	28°29	7°13	29°51	19°26	20°49	4°11	12°30	T 28
W29	1 2 3	13°36'52	14°13	16°12	14°13	23°45	11°52	6°57	28°27	7°14	29°50	19°28	20°46	4°18	12°27	W29
T 30	1 6 0	14♎36'27	27♊ 6	17♎52	15♎29	24♏28	11°D51	7♎ 4	28♒26	7♑15	29♓49	19♉29	20♉43	4♍24	12♓25	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	5n32	22n37	1n16	12n59	1n 2	9n26	1n24	13s23	0s29	18s 2	1s10	0n38	2n14	12s29	0s48	22s32	0n48	15s36	17s13	18n10	18n24	15n51	1s56	4n53
T 2	5 9	25 22	2 20	12 40	1 12	8 58	1 24	13 37	0 29	18 3	1 10	0 35	2 14	12 30	0 48	22 32	0 48	15 36	17 13	18 10	18 23	15 48	1 57	4 53
F 3	4 46	26 46	3 15	12 18	1 21	8 29	1 25	13 52	0 30	18 4	1 10	0 32	2 14	12 31	0 48	22 32	0 48	15 37	17 13	18 10	18 22	15 46	1 58	4 53
S 4	4 23	26 50	4 0	11 53	1 29	8 1	1 25	14 6	0 31	18 6	1 10	0 29	2 14	12 32	0 48	22 32	0 48	15 38	17 13	18 9	18 22	15 43	1 59	4 53
S 5	4 0	25 38	4 34	11 25	1 35	7 32	1 25	14 20	0 31	18 7	1 9	0 26	2 14	12 32	0 48	22 32	0 48	15 38	17 13	18 8	18 21	15 40	2 0	4 53
M 6	3 37	23 16	4 55	10 55	1 40	7 3	1 25	14 35	0 32	18 8	1 9	0 24	2 14	12 33	0 48	22 32	0 48	15 39	17 13	18 6	18 20	15 38	2 2	4 53
T 7	3 13	19 56	5 4	10 21	1 45	6 34	1 25	14 49	0 33	18 10	1 9	0 21	2 14	12 34	0 48	22 32	0 48	15 39	17 14	18 3	18 19	15 35	2 3	4 53
W 8	2 50	15 48	4 59	9 46	1 48	6 5	1 25	15 3	0 33	18 11	1 9	0 18	2 14	12 35	0 48	22 32	0 48	15 40	17 14	18 0	18 18	15 33	2 4	4 52
T 9	2 27	11 4	4 41	9 9	1 50	5 35	1 25	15 17	0 34	18 12	1 9	0 15	2 14	12 35	0 48	22 32	0 48	15 40	17 14	17 57	18 17	15 30	2 5	4 52
F 10	2 3	5 54	4 11	8 30	1 52	5 6	1 25	15 31	0 35	18 13	1 9	0 12	2 14	12 36	0 48	22 33	0 48	15 41	17 14	17 54	18 17	15 28	2 6	4 52
S 11	1 40	0 30	3 30	7 49	1 53	4 36	1 25	15 44	0 35	18 14	1 9	0 9	2 14	12 37	0 48	22 33	0 48	15 41	17 14	17 52	18 16	15 25	2 7	4 52
S 12	1 16	5s 0	2 39	7 7	1 53	4 6	1 25	15 58	0 36	18 15	1 9	0 6	2 14	12 37	0 48	22 33	0 48	15 42	17 14	17 50	18 15	15 22	2 9	4 52
M13	0 53	10 22	1 40	6 24	1 52	3 36	1 24	16 11	0 36	18 16	1 9	0 3	2 14	12 38	0 48	22 33	0 47	15 42	17 14	17 49	18 14	15 20	2 10	4 52
T 14	0 29	15 24	0 35	5 40	1 50	3 5	1 24	16 25	0 37	18 17	1 9	0 0	2 14	12 39	0 48	22 33	0 47	15 43	17 14	17 48	18 13	15 17	2 11	4 52
W15	0 5	19 53	0s33	4 56	1 48	2 35	1 23	16 38	0 38	18 18	1 9	0s 3	2 14	12 40	0 48	22 33	0 47	15 43	17 14	17 48	18 12	15 14	2 12	4 52
T 16	0s18	23 32	1 40	4 10	1 46	2 5	1 23	16 51	0 38	18 18	1 9	0 5	2 14	12 40	0 47	22 33	0 47	15 44	17 14	17 49	18 12	15 12	2 13	4 51
F 17	0 42	26 1	2 44	3 25	1 43	1 34	1 22	17 4	0 39	18 19	1 9	0 8	2 14	12 41	0 47	22 33	0 47	15 44	17 14	17 49	18 11	15 9	2 14	4 51
S 18	1 5	27 5	3 41	2 39	1 39	1 4	1 22	17 17	0 39	18 20	1 8	0 11	2 14	12 41	0 47	22 33	0 47	15 44	17 14	17 49	18 10	15 7	2 15	4 51
S 19	1 29	26 30	4 26	1 52	1 35	0 33	1 21	17 30	0 40	18 20	1 8	0 14	2 14	12 42	0 47	22 33	0 47	15 45	17 14	17 49	18 9	15 4	2 17	4 51
M20	1 53	24 11	4 56	1 6	1 31	0 3	1 20	17 43	0 41	18 21	1 8	0 17	2 14	12 43	0 47	22 33	0 47	15 45	17 14	17 48	18 8	15 1	2 18	4 51
T 21	2 16	20 16	5 8	0 19	1 26	0s28	1 19	17 55	0 41	18 21	1 8	0 20	2 14	12 43	0 47	22 33	0 47	15 46	17 14	17 47	18 7	14 59	2 19	4 51
W22	2 40	15 0	5 0	0s27	1 21	0 59	1 18	18 8	0 42	18 21	1 8	0 23	2 14	12 44	0 47	22 33	0 47	15 46	17 14	17 45	18 7	14 56	2 20	4 50
T 23	3 3	8 46	4 31	1 14	1 16	1 29	1 17	18 20	0 42	18 22	1 8	0 26	2 14	12 44	0 47	22 33	0 47	15 47	17 14	17 43	18 6	14 53	2 21	4 50
F 24	3 27	2 3	3 43	2 0	1 10	2 0	1 16	18 32	0 43	18 22	1 8	0 29	2 14	12 45	0 47	22 33	0 47	15 47	17 14	17 42	18 5	14 51	2 22	4 50
S 25	3 50	4n45	2 41	2 46	1 5	2 31	1 15	18 44	0 43	18 22	1 8	0 31	2 14	12 46	0 47	22 33	0 47	15 47	17 14	17 40	18 4	14 48	2 23	4 50
S 26	4 14	11 9	1 28	3 32	0 59	3 1	1 14	18 56	0 44	18 22	1 8	0 34	2 14	12 46	0 47	22 33	0 47	15 48	17 13	17 39	18 3	14 45	2 24	4 50
M27	4 37	16 49	0 12	4 17	0 53	3 32	1 13	19 8	0 45	18 22	1 8	0 37	2 14	12 47	0 47	22 33	0 47	15 48	17 13	17 39	18 2	14 43	2 25	4 49
T 28	5 0	21 26	1n 2	5 2	0 46	4 2	1 12	19 19	0 45	18 22	1 7	0 40	2 14	12 47	0 47	22 33	0 47	15 49	17 13	17 39	18 2	14 40	2 26	4 49
W29	5 23	24 45	2 11	5 47	0 40	4 33	1 11	19 31	0 46	18 22	1 7	0 43	2 14	12 48	0 47	22 33	0 47	15 49	17 13	17 40	18 1	14 37	2 27	4 49
T 30	5s47	26n41	3n11	6s31	0n34	5s 3	1n 9	19s42	0s46	18s22	1s 7	0s46	2n14	12s48	0s47	22s33	0n47	15s49	17s13	17n40	18n 0	14n35	2s29	4n49

Julian Day Number = 2208179.5, Delta T = 09m33s
Ecliptic obliquity = 23°31'39, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°26'47, Lahiri = 14°33'48 Julian Calendar 1 Sept. 1333 == Greg. Calendar 9 Sept. 1333

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ASTRODIENST EPHEMERIS for the year 1333
geocentric

OCTOBER 1333 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	1 9 56	15♎36'05	9♋38	19♎31	16♎44	25♏12	11♒52	7♎11	28°R24	7♑15	29°R48	19♉30	20♉40	4♍31	12°R23	F 1
S 2	1 13 53	16°35'45	21°53	21°10	17°59	25°55	11°52	7°18	28♒23	7°16	29♓46	19°R31	20°37	4°38	12♓21	S 2
S 3	1 17 49	17°35'28	3♌56	22°48	19°14	26°38	11°52	7°26	28°22	7°17	29°45	19°29	20°33	4°45	12°19	S 3
M 4	1 21 46	18°35'12	15°51	24°25	20°29	27°22	11°53	7°33	28°20	7°17	29°44	19°26	20°30	4°51	12°16	M 4
T 5	1 25 42	19°34'59	27°43	26° 2	21°44	28° 6	11°54	7°40	28°19	7°18	29°43	19°22	20°27	4°58	12°14	T 5
W 6	1 29 39	20°34'48	9♍35	27°38	23° 0	28°49	11°55	7°47	28°18	7°19	29°42	19°17	20°24	5° 5	12°12	W 6
T 7	1 33 36	21°34'39	21°30	29°14	24°15	29°33	11°56	7°54	28°17	7°20	29°41	19°12	20°21	5°11	12°10	T 7
F 8	1 37 32	22°34'32	3♎31	0♏49	25°30	0♐17	11°58	8° 2	28°16	7°21	29°40	19° 7	20°18	5°18	12° 8	F 8
S 9	1 41 29	23°34'27	15°41	2°23	26°45	1° 1	12° 0	8° 9	28°14	7°22	29°39	19° 3	20°14	5°25	12° 6	S 9
S 10	1 45 25	24°34'24	27°59	3°57	28° 1	1°45	12° 1	8°16	28°13	7°23	29°38	19° 1	20°11	5°32	12° 4	S 10
M11	1 49 22	25°34'24	10♏28	5°31	29°16	2°29	12° 4	8°23	28°13	7°23	29°37	18°59	20° 8	5°38	12° 3	M11
T 12	1 53 18	26°34'25	23° 8	7° 4	0♏31	3°13	12° 6	8°30	28°12	7°24	29°36	18°D59	20° 5	5°45	12° 1	T 12
W13	1 57 15	27°34'28	6♐ 0	8°36	1°46	3°57	12° 8	8°37	28°11	7°26	29°35	19° 0	20° 2	5°52	11°59	W13
T 14	2 1 11	28°34'32	19° 6	10° 8	3° 1	4°41	12°11	8°44	28°10	7°27	29°34	19° 1	19°58	5°58	11°57	T 14
F 15	2 5 8	29°34'39	2♑25	11°40	4°17	5°25	12°14	8°51	28° 9	7°28	29°33	19° 3	19°55	6° 5	11°56	F 15
S 16	2 9 4	0♏34'47	16° 0	13°11	5°32	6°10	12°17	8°58	28° 8	7°29	29°32	19° 4	19°52	6°12	11°54	S 16
S 17	2 13 1	1°34'56	29°50	14°42	6°47	6°54	12°20	9° 5	28° 8	7°30	29°31	19°R 4	19°49	6°19	11°53	S 17
M18	2 16 58	2°35'08	13♒56	16°12	8° 2	7°39	12°24	9°12	28° 7	7°31	29°30	19° 4	19°46	6°25	11°51	M18
T 19	2 20 54	3°35'20	28°16	17°42	9°18	8°23	12°27	9°19	28° 6	7°32	29°29	19° 3	19°43	6°32	11°50	T 19
W20	2 24 51	4°35'34	12♓47	19°11	10°33	9° 8	12°31	9°26	28° 6	7°34	29°28	19° 1	19°39	6°39	11°48	W20
T 21	2 28 47	5°35'50	27°25	20°40	11°48	9°53	12°35	9°33	28° 5	7°35	29°27	19° 0	19°36	6°45	11°47	T 21
F 22	2 32 44	6°36'07	12♈ 4	22° 9	13° 3	10°37	12°40	9°40	28° 5	7°36	29°26	18°58	19°33	6°52	11°45	F 22
S 23	2 36 40	7°36'25	26°37	23°37	14°19	11°22	12°44	9°46	28° 5	7°38	29°25	18°57	19°30	6°59	11°44	S 23
S 24	2 40 37	8°36'46	10♉57	25° 4	15°34	12° 7	12°49	9°53	28° 4	7°39	29°24	18°56	19°27	7° 6	11°43	S 24
M25	2 44 33	9°37'08	25° 1	26°31	16°49	12°52	12°53	10° 0	28° 4	7°40	29°23	18°D56	19°24	7°12	11°42	M25
T 26	2 48 30	10°37'32	8♊43	27°58	18° 4	13°37	12°58	10° 7	28° 4	7°42	29°23	18°57	19°20	7°19	11°41	T 26
W27	2 52 27	11°37'58	22° 3	29°23	19°20	14°22	13° 3	10°13	28° 4	7°43	29°22	18°57	19°17	7°26	11°40	W27
T 28	2 56 23	12°38'25	4♋59	0♐48	20°35	15° 7	13° 9	10°20	28° 3	7°45	29°21	18°58	19°14	7°32	11°39	T 28
F 29	3 0 20	13°38'55	17°36	2°13	21°50	15°52	13°14	10°26	28° 3	7°46	29°20	18°59	19°11	7°39	11°38	F 29
S 30	3 4 16	14°39'26	29°55	3°36	23° 6	16°37	13°20	10°33	28°D 3	7°48	29°19	18°59	19° 8	7°46	11°37	S 30
S 31	3 8 13	15♏39'59	12♌ 0	4♐59	24♏21	17♐23	13♒26	10♎39	28♒ 3	7♑49	29♓19	18°R59	19♉ 4	7♍53	11♓36	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	6s10	27n10	4n 0	7s15	0n27	5s33	1n 8	19s53	0s47	18s22	1s 7	0s48	2n14	12s49	0s47	22s33	0n47	15s50	17s13	17n40	17n59	14n32	2s30	4n49
S 2	6 33	26 18	4 37	7 58	0 21	6 3	1 6	20 4	0 47	18 22	1 7	0 51	2 14	12 49	0 47	22 33	0 47	15 50	17 13	17 40	17 58	14 29	2 31	4 48
S 3	6 56	24 13	5 1	8 41	0 14	6 33	1 5	20 15	0 48	18 22	1 7	0 54	2 14	12 49	0 47	22 33	0 47	15 50	17 13	17 40	17 57	14 27	2 32	4 48
M 4	7 19	21 6	5 12	9 23	0 7	7 3	1 3	20 25	0 48	18 21	1 7	0 57	2 14	12 50	0 47	22 33	0 47	15 51	17 13	17 39	17 56	14 24	2 33	4 48
T 5	7 41	17 8	5 9	10 5	0 0	7 33	1 2	20 36	0 49	18 21	1 7	1 0	2 14	12 50	0 47	22 33	0 47	15 51	17 13	17 38	17 56	14 21	2 34	4 48
W 6	8 4	12 31	4 53	10 46	0s 6	8 3	1 0	20 46	0 49	18 21	1 6	1 3	2 14	12 51	0 47	22 33	0 47	15 51	17 12	17 37	17 55	14 19	2 35	4 48
T 7	8 27	7 26	4 24	11 27	0 13	8 32	0 58	20 56	0 50	18 20	1 6	1 5	2 15	12 51	0 47	22 33	0 47	15 52	17 12	17 35	17 54	14 16	2 36	4 47
F 8	8 49	2 1	3 44	12 7	0 20	9 1	0 56	21 6	0 50	18 20	1 6	1 8	2 15	12 51	0 47	22 33	0 47	15 52	17 12	17 34	17 53	14 13	2 37	4 47
S 9	9 11	3s32	2 53	12 46	0 27	9 30	0 55	21 16	0 51	18 19	1 6	1 11	2 15	12 52	0 47	22 33	0 47	15 52	17 12	17 33	17 52	14 10	2 38	4 47
S 10	9 33	9 2	1 53	13 24	0 33	9 59	0 53	21 25	0 51	18 18	1 6	1 14	2 15	12 52	0 47	22 33	0 47	15 53	17 12	17 32	17 51	14 8	2 39	4 47
M11	9 55	14 17	0 47	14 2	0 40	10 27	0 51	21 34	0 51	18 18	1 6	1 16	2 15	12 52	0 47	22 33	0 46	15 53	17 12	17 32	17 51	14 5	2 39	4 46
T 12	10 17	19 0	0s23	14 39	0 47	10 56	0 49	21 44	0 52	18 17	1 6	1 19	2 15	12 53	0 47	22 33	0 46	15 53	17 12	17 32	17 50	14 2	2 40	4 46
W13	10 39	22 54	1 32	15 16	0 53	11 24	0 47	21 52	0 52	18 16	1 6	1 22	2 15	12 53	0 47	22 33	0 46	15 53	17 11	17 32	17 49	13 59	2 41	4 46
T 14	11 0	25 43	2 38	15 51	1 0	11 52	0 45	22 1	0 53	18 15	1 5	1 24	2 15	12 53	0 47	22 33	0 46	15 54	17 11	17 32	17 48	13 57	2 42	4 46
F 15	11 22	27 7	3 37	16 26	1 6	12 19	0 43	22 10	0 53	18 14	1 5	1 27	2 15	12 53	0 47	22 33	0 46	15 54	17 11	17 33	17 47	13 54	2 43	4 45
S 16	11 43	26 57	4 25	17 0	1 12	12 46	0 41	22 18	0 54	18 13	1 5	1 30	2 15	12 54	0 47	22 33	0 46	15 54	17 11	17 33	17 46	13 51	2 44	4 45
S 17	12 4	25 7	4 58	17 33	1 18	13 13	0 39	22 26	0 54	18 12	1 5	1 32	2 15	12 54	0 47	22 33	0 46	15 54	17 11	17 33	17 45	13 48	2 45	4 45
M18	12 25	21 43	5 14	18 5	1 24	13 40	0 37	22 34	0 55	18 11	1 5	1 35	2 16	12 54	0 47	22 33	0 46	15 54	17 10	17 33	17 45	13 46	2 46	4 44
T 19	12 46	16 59	5 12	18 37	1 30	14 6	0 35	22 41	0 55	18 10	1 5	1 38	2 16	12 54	0 47	22 33	0 46	15 55	17 10	17 33	17 44	13 43	2 46	4 44
W20	13 6	11 14	4 49	19 7	1 36	14 32	0 32	22 49	0 55	18 9	1 5	1 40	2 16	12 54	0 46	22 33	0 46	15 55	17 10	17 32	17 43	13 40	2 47	4 44
T 21	13 26	4 49	4 8	19 37	1 41	14 57	0 30	22 56	0 56	18 7	1 5	1 43	2 16	12 54	0 46	22 33	0 46	15 55	17 10	17 32	17 42	13 37	2 48	4 44
F 22	13 46	1n52	3 10	20 5	1 47	15 22	0 28	23 3	0 56	18 6	1 4	1 46	2 16	12 55	0 46	22 32	0 46	15 55	17 10	17 31	17 41	13 35	2 49	4 43
S 23	14 6	8 26	2 0	20 33	1 52	15 47	0 26	23 10	0 57	18 5	1 4	1 48	2 16	12 55	0 46	22 32	0 46	15 55	17 9	17 31	17 40	13 32	2 49	4 43
S 24	14 26	14 28	0 44	20 59	1 57	16 11	0 23	23 16	0 57	18 3	1 4	1 51	2 16	12 55	0 46	22 32	0 46	15 55	17 9	17 31	17 39	13 29	2 50	4 43
M25	14 45	19 38	0n34	21 25	2 1	16 35	0 21	23 22	0 57	18 2	1 4	1 53	2 16	12 55	0 46	22 32	0 46	15 56	17 9	17 31	17 38	13 26	2 51	4 42
T 26	15 4	23 36	1 47	21 49	2 6	16 59	0 19	23 28	0 58	18 0	1 4	1 56	2 16	12 55	0 46	22 32	0 46	15 56	17 9	17 31	17 38	13 24	2 52	4 42
W27	15 23	26 10	2 53	22 12	2 10	17 22	0 16	23 34	0 58	17 59	1 4	1 58	2 17	12 55	0 46	22 32	0 46	15 56	17 8	17 31	17 37	13 21	2 52	4 42
T 28	15 41	27 14	3 48	22 35	2 14	17 44	0 14	23 40	0 58	17 57	1 4	2 1	2 17	12 55	0 46	22 32	0 46	15 56	17 8	17 31	17 36	13 18	2 53	4 42
F 29	16 0	26 50	4 31	22 55	2 17	18 6	0 12	23 45	0 59	17 55	1 4	2 3	2 17	12 55	0 46	22 32	0 46	15 56	17 8	17 32	17 35	13 15	2 54	4 41
S 30	16 18	25 7	5 0	23 15	2 21	18 28	0 9	23 50	0 59	17 54	1 3	2 5	2 17	12 55	0 46	22 32	0 46	15 56	17 8	17 32	17 34	13 12	2 54	4 41
S 31	16s35	22n17	5n15	23s34	2s24	18s49	0n 7	23s55	0s59	17s52	1s 3	2s 8	2n17	12s55	0s46	22s32	0n46	15s56	17s 7	17n32	17n33	13n10	2s55	4n41

Julian Day Number = 2208209.5, Delta T = 09m33s
Ecliptic obliquity = 23°31'39, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°26'51, Lahiri = 14°33'52 Julian Calendar 1 Oct. 1333 == Greg. Calendar 9 Oct. 1333

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ASTRODIENST EPHEMERIS for the year 1333
geocentric

NOVEMBER 1333 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	3 12 9	16♏40'34	23♌56	6♐20	25♏36	18♐ 8	13♒32	10♎46	28♒ 3	7♑51	29°R18	18°R59	19♉ 1	7♍59	11°R35	M 1
T 2	3 16 6	17°41'11	5♍48	7°41	26°51	18°54	13°38	10°52	28° 3	7°52	29♓17	18♉59	18°58	8° 6	11♓34	T 2
W 3	3 20 2	18°41'49	17°41	9° 0	28° 7	19°39	13°44	10°58	28° 4	7°54	29°16	18°D59	18°55	8°13	11°34	W 3
T 4	3 23 59	19°42'29	29°38	10°17	29°22	20°24	13°51	11° 5	28° 4	7°56	29°16	18°59	18°52	8°19	11°33	T 4
F 5	3 27 56	20°43'11	11♎44	11°33	0♐37	21°10	13°58	11°11	28° 4	7°57	29°15	18°59	18°49	8°26	11°32	F 5
S 6	3 31 52	21°43'54	24° 1	12°48	1°52	21°56	14° 4	11°17	28° 4	7°59	29°14	18°59	18°45	8°33	11°32	S 6
S 7	3 35 49	22°44'39	6♏32	13°59	3° 8	22°41	14°11	11°23	28° 5	8° 1	29°14	19° 0	18°42	8°40	11°31	S 7
M 8	3 39 45	23°45'25	19°18	15° 9	4°23	23°27	14°19	11°29	28° 5	8° 2	29°13	19°R 0	18°39	8°46	11°31	M 8
T 9	3 43 42	24°46'13	2♐20	16°16	5°38	24°13	14°26	11°35	28° 6	8° 4	29°12	19° 0	18°36	8°53	11°31	T 9
W10	3 47 38	25°47'02	15°37	17°19	6°54	24°59	14°33	11°41	28° 6	8° 6	29°12	18°59	18°33	9° 0	11°30	W10
T 11	3 51 35	26°47'52	29° 7	18°19	8° 9	25°45	14°41	11°47	28° 7	8° 8	29°11	18°58	18°30	9° 7	11°30	T 11
F 12	3 55 32	27°48'43	12♑50	19°15	9°24	26°30	14°49	11°53	28° 7	8°10	29°11	18°57	18°26	9°13	11°30	F 12
S 13	3 59 28	28°49'36	26°43	20° 6	10°39	27°16	14°57	11°59	28° 8	8°11	29°10	18°56	18°23	9°20	11°30	S 13
S 14	4 3 25	29°50'29	10♒44	20°51	11°55	28° 3	15° 5	12° 4	28° 9	8°13	29°10	18°55	18°20	9°27	11°D30	S 14
M15	4 7 21	0♐51'23	24°51	21°30	13°10	28°49	15°13	12°10	28°10	8°15	29° 9	18°D54	18°17	9°33	11°30	M15
T 16	4 11 18	1°52'17	9♓ 2	22° 3	14°25	29°35	15°21	12°16	28°10	8°17	29° 9	18°54	18°14	9°40	11°30	T 16
W17	4 15 14	2°53'13	23°15	22°27	15°40	0♑21	15°30	12°21	28°11	8°19	29° 8	18°55	18°10	9°47	11°30	W17
T 18	4 19 11	3°54'09	7♈27	22°44	16°56	1° 7	15°39	12°27	28°12	8°21	29° 8	18°56	18° 7	9°54	11°30	T 18
F 19	4 23 7	4°55'06	21°36	22°R50	18°11	1°53	15°47	12°32	28°13	8°23	29° 8	18°57	18° 4	10° 0	11°31	F 19
S 20	4 27 4	5°56'03	5♉39	22°47	19°26	2°40	15°56	12°37	28°14	8°25	29° 7	18°58	18° 1	10° 7	11°31	S 20
S 21	4 31 1	6°57'02	19°33	22°32	20°41	3°26	16° 5	12°43	28°15	8°27	29° 7	18°R59	17°58	10°14	11°31	S 21
M22	4 34 57	7°58'01	3♊15	22° 7	21°57	4°12	16°15	12°48	28°16	8°29	29° 7	18°58	17°55	10°20	11°32	M22
T 23	4 38 54	8°59'01	16°42	21°29	23°12	4°59	16°24	12°53	28°18	8°31	29° 6	18°57	17°51	10°27	11°32	T 23
W24	4 42 50	10° 0'03	29°52	20°41	24°27	5°45	16°33	12°58	28°19	8°33	29° 6	18°54	17°48	10°34	11°33	W24
T 25	4 46 47	11° 1'05	12♋45	19°42	25°42	6°32	16°43	13° 3	28°20	8°35	29° 6	18°51	17°45	10°41	11°33	T 25
F 26	4 50 43	12° 2'08	25°21	18°34	26°57	7°18	16°53	13° 8	28°21	8°37	29° 6	18°47	17°42	10°47	11°34	F 26
S 27	4 54 40	13° 3'12	7♌40	17°19	28°13	8° 5	17° 3	13°13	28°23	8°39	29° 5	18°43	17°39	10°54	11°35	S 27
S 28	4 58 36	14° 4'16	19°47	15°58	29°28	8°51	17°13	13°17	28°24	8°41	29° 5	18°40	17°36	11° 1	11°35	S 28
M29	5 2 33	15° 5'22	1♍44	14°36	0♑43	9°38	17°23	13°22	28°26	8°43	29° 5	18°38	17°32	11° 7	11°36	M29
T 30	5 6 30	16♐ 6'28	13♍37	13♐13	1♑58	10♑25	17♒33	13♎27	28♒27	8♑46	29♓ 5	18°D37	17♉29	11♍14	11♓37	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	16s53	18n33	5n16	23s51	2s26	19s10	0n 4	23s59	1s 0	17s50	1s 3	2s10	2n17	12s55	0s46	22s32	0n46	15s56	17s 7	17n32	17n32	13n 7	2s55	4n40
T 2	17 10	14 7	5 4	24 6	2 28	19 30	0 2	24 4	1 0	17 48	1 3	2 13	2 17	12 55	0 46	22 32	0 46	15 56	17 7	17 32	17 32	13 4	2 56	4 40
W 3	17 27	9 9	4 38	24 21	2 30	19 49	0s 0	24 8	1 0	17 46	1 3	2 15	2 18	12 55	0 46	22 32	0 46	15 56	17 7	17 32	17 31	13 1	2 56	4 40
T 4	17 44	3 49	4 1	24 34	2 31	20 8	0 3	24 11	1 1	17 44	1 3	2 17	2 18	12 54	0 46	22 32	0 46	15 56	17 6	17 32	17 30	12 58	2 57	4 39
F 5	18 0	1s42	3 12	24 45	2 31	20 26	0 5	24 15	1 1	17 42	1 3	2 20	2 18	12 54	0 46	22 32	0 46	15 56	17 6	17 32	17 29	12 55	2 58	4 39
S 6	18 16	7 16	2 14	24 55	2 32	20 44	0 8	24 18	1 1	17 40	1 3	2 22	2 18	12 54	0 46	22 32	0 46	15 56	17 6	17 32	17 28	12 53	2 58	4 39
S 7	18 32	12 40	1 9	25 4	2 31	21 2	0 10	24 21	1 2	17 38	1 2	2 24	2 18	12 54	0 46	22 32	0 46	15 56	17 5	17 32	17 27	12 50	2 58	4 39
M 8	18 47	17 39	0s 2	25 10	2 30	21 18	0 13	24 24	1 2	17 36	1 2	2 26	2 18	12 54	0 46	22 31	0 46	15 56	17 5	17 32	17 26	12 47	2 59	4 38
T 9	19 2	21 54	1 13	25 16	2 28	21 34	0 15	24 26	1 2	17 33	1 2	2 28	2 19	12 54	0 46	22 31	0 46	15 56	17 5	17 32	17 25	12 44	2 59	4 38
W10	19 16	25 6	2 22	25 19	2 25	21 50	0 17	24 28	1 2	17 31	1 2	2 31	2 19	12 53	0 46	22 31	0 46	15 56	17 4	17 32	17 25	12 41	3 0	4 38
T 11	19 31	26 56	3 24	25 21	2 21	22 4	0 20	24 30	1 3	17 29	1 2	2 33	2 19	12 53	0 46	22 31	0 45	15 56	17 4	17 32	17 24	12 38	3 0	4 37
F 12	19 45	27 9	4 16	25 21	2 17	22 19	0 22	24 32	1 3	17 26	1 2	2 35	2 19	12 53	0 46	22 31	0 45	15 56	17 4	17 31	17 23	12 36	3 0	4 37
S 13	19 58	25 41	4 53	25 20	2 11	22 32	0 25	24 33	1 3	17 24	1 2	2 37	2 19	12 53	0 46	22 31	0 45	15 56	17 4	17 31	17 22	12 33	3 1	4 37
S 14	20 11	22 37	5 13	25 17	2 4	22 45	0 27	24 34	1 3	17 21	1 2	2 39	2 19	12 52	0 46	22 31	0 45	15 56	17 3	17 31	17 21	12 30	3 1	4 36
M15	20 24	18 13	5 15	25 11	1 56	22 57	0 29	24 35	1 4	17 19	1 2	2 41	2 20	12 52	0 45	22 31	0 45	15 56	17 3	17 30	17 20	12 27	3 1	4 36
T 16	20 37	12 48	4 57	25 4	1 47	23 8	0 32	24 36	1 4	17 16	1 1	2 43	2 20	12 52	0 45	22 31	0 45	15 56	17 3	17 31	17 19	12 24	3 2	4 36
W17	20 49	6 41	4 21	24 55	1 37	23 19	0 34	24 36	1 4	17 13	1 1	2 45	2 20	12 51	0 45	22 31	0 45	15 55	17 2	17 31	17 18	12 21	3 2	4 35
T 18	21 0	0 15	3 30	24 45	1 25	23 29	0 36	24 36	1 4	17 11	1 1	2 47	2 20	12 51	0 45	22 31	0 45	15 55	17 2	17 31	17 17	12 18	3 2	4 35
F 19	21 12	6n12	2 26	24 32	1 12	23 39	0 39	24 35	1 5	17 8	1 1	2 49	2 20	12 51	0 45	22 30	0 45	15 55	17 2	17 31	17 17	12 16	3 2	4 35
S 20	21 23	12 18	1 13	24 17	0 57	23 47	0 41	24 35	1 5	17 5	1 1	2 51	2 21	12 50	0 45	22 30	0 45	15 55	17 1	17 32	17 16	12 13	3 3	4 34
S 21	21 33	17 44	0n 3	24 0	0 41	23 55	0 43	24 34	1 5	17 2	1 1	2 53	2 21	12 50	0 45	22 30	0 45	15 55	17 1	17 32	17 15	12 10	3 3	4 34
M22	21 43	22 9	1 18	23 41	0 24	24 2	0 46	24 33	1 5	17 0	1 1	2 55	2 21	12 49	0 45	22 30	0 45	15 55	17 1	17 32	17 14	12 7	3 3	4 34
T 23	21 53	25 18	2 27	23 21	0 5	24 9	0 48	24 31	1 5	16 57	1 1	2 56	2 21	12 49	0 45	22 30	0 45	15 54	17 0	17 31	17 13	12 4	3 3	4 33
W24	22 2	26 58	3 26	22 58	0n14	24 14	0 50	24 30	1 6	16 54	1 1	2 58	2 21	12 49	0 45	22 30	0 45	15 54	17 0	17 30	17 12	12 1	3 3	4 33
T 25	22 11	27 8	4 14	22 33	0 34	24 19	0 52	24 28	1 6	16 51	1 1	3 0	2 22	12 48	0 45	22 30	0 45	15 54	16 59	17 29	17 11	11 58	3 3	4 33
F 26	22 19	25 52	4 48	22 8	0 54	24 24	0 54	24 25	1 6	16 48	1 0	3 2	2 22	12 48	0 45	22 30	0 45	15 54	16 59	17 28	17 10	11 55	3 3	4 33
S 27	22 27	23 22	5 8	21 41	1 15	24 27	0 56	24 23	1 6	16 45	1 0	3 3	2 22	12 47	0 45	22 30	0 45	15 53	16 59	17 27	17 9	11 53	3 3	4 32
S 28	22 34	19 53	5 14	21 14	1 34	24 30	0 58	24 20	1 6	16 41	1 0	3 5	2 22	12 47	0 45	22 29	0 45	15 53	16 58	17 26	17 9	11 50	3 3	4 32
M29	22 41	15 39	5 6	20 47	1 52	24 32	1 0	24 17	1 6	16 38	1 0	3 7	2 22	12 46	0 45	22 29	0 45	15 53	16 58	17 26	17 8	11 47	3 3	4 32
T 30	22s48	10n50	4n45	20s21	2n 8	24s33	1s 2	24s13	1s 6	16s35	1s 0	3s 8	2n23	12s45	0s45	22s29	0n45	15s53	16s58	17n26	17n 7	11n44	3s 3	4n31

Julian Day Number = 2208240.5, Delta T = 09m33s
Ecliptic obliquity = 23°31'39, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°26'56, Lahiri = 14°33'56 Julian Calendar 1 Nov. 1333 == Greg. Calendar 9 Nov. 1333

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ASTRODIENST EPHEMERIS for the year 1333
geocentric

DECEMBER 1333 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	5 10 26	17♐ 7'36	25♍28	11°R54	3♑13	11♑11	17♒43	13♎31	28♒29	8♑48	29°R 5	18♉37	17♉26	11♍21	11♓38	W 1
T 2	5 14 23	18° 8'44	7♎25	10♐41	4°29	11°58	17°54	13°36	28°30	8°50	29♓ 5	18°38	17°23	11°27	11°39	T 2
F 3	5 18 19	19° 9'52	19°31	9°35	5°44	12°45	18° 4	13°40	28°32	8°52	29° 5	18°40	17°20	11°34	11°40	F 3
S 4	5 22 16	20°11'02	1♏51	8°38	6°59	13°32	18°15	13°44	28°34	8°54	29° 5	18°42	17°16	11°41	11°41	S 4
S 5	5 26 12	21°12'12	14°29	7°52	8°14	14°19	18°26	13°49	28°36	8°56	29°D 5	18°R43	17°13	11°48	11°42	S 5
M 6	5 30 9	22°13'23	27°28	7°16	9°29	15° 6	18°37	13°53	28°37	8°59	29° 5	18°43	17°10	11°54	11°43	M 6
T 7	5 34 5	23°14'34	10♐48	6°51	10°44	15°53	18°48	13°57	28°39	9° 1	29° 5	18°41	17° 7	12° 1	11°45	T 7
W 8	5 38 2	24°15'46	24°28	6°37	11°59	16°39	18°59	14° 1	28°41	9° 3	29° 5	18°37	17° 4	12° 8	11°46	W 8
T 9	5 41 59	25°16'59	8♑27	6°D33	13°15	17°26	19°10	14° 4	28°43	9° 5	29° 5	18°32	17° 1	12°14	11°47	T 9
F 10	5 45 55	26°18'11	22°40	6°38	14°30	18°14	19°21	14° 8	28°45	9° 7	29° 5	18°26	16°57	12°21	11°49	F 10
S 11	5 49 52	27°19'23	7♒ 2	6°52	15°45	19° 1	19°33	14°12	28°47	9°10	29° 5	18°19	16°54	12°28	11°50	S 11
S 12	5 53 48	28°20'35	21°26	7°13	17° 0	19°48	19°44	14°15	28°49	9°12	29° 5	18°14	16°51	12°35	11°52	S 12
M13	5 57 45	29°21'48	5♓49	7°42	18°15	20°35	19°56	14°19	28°51	9°14	29° 5	18° 9	16°48	12°41	11°53	M13
T 14	6 1 41	0♑22'59	20° 5	8°18	19°30	21°22	20° 7	14°22	28°53	9°16	29° 5	18° 7	16°45	12°48	11°55	T 14
W15	6 5 38	1°24'11	4♈12	8°59	20°45	22° 9	20°19	14°26	28°55	9°19	29° 6	18°D 7	16°42	12°55	11°57	W15
T 16	6 9 34	2°25'22	18°10	9°45	22° 0	22°56	20°31	14°29	28°58	9°21	29° 6	18° 8	16°38	13° 1	11°58	T 16
F 17	6 13 31	3°26'33	1♉57	10°36	23°15	23°43	20°43	14°32	29° 0	9°23	29° 6	18° 9	16°35	13° 8	12° 0	F 17
S 18	6 17 28	4°27'44	15°34	11°31	24°30	24°31	20°55	14°35	29° 2	9°25	29° 6	18°R10	16°32	13°15	12° 2	S 18
S 19	6 21 24	5°28'54	29° 0	12°30	25°45	25°18	21° 7	14°38	29° 5	9°28	29° 7	18° 9	16°29	13°22	12° 4	S 19
M20	6 25 21	6°30'04	12♊16	13°32	27° 0	26° 5	21°20	14°41	29° 7	9°30	29° 7	18° 7	16°26	13°28	12° 6	M20
T 21	6 29 17	7°31'14	25°21	14°37	28°15	26°52	21°32	14°44	29° 9	9°32	29° 7	18° 1	16°22	13°35	12° 8	T 21
W22	6 33 14	8°32'23	8♋13	15°44	29°30	27°39	21°44	14°46	29°12	9°35	29° 8	17°54	16°19	13°42	12°10	W22
T 23	6 37 10	9°33'32	20°54	16°54	0♒45	28°27	21°57	14°49	29°14	9°37	29° 8	17°45	16°16	13°48	12°12	T 23
F 24	6 41 7	10°34'41	3♌21	18° 6	2° 0	29°14	22° 9	14°51	29°17	9°39	29° 9	17°34	16°13	13°55	12°14	F 24
S 25	6 45 4	11°35'50	15°37	19°20	3°15	0♒ 1	22°22	14°54	29°19	9°41	29° 9	17°24	16°10	14° 2	12°16	S 25
S 26	6 49 0	12°36'58	27°41	20°35	4°30	0°49	22°35	14°56	29°22	9°44	29°10	17°14	16° 7	14° 9	12°18	S 26
M27	6 52 57	13°38'07	9♍37	21°52	5°44	1°36	22°47	14°58	29°25	9°46	29°10	17° 7	16° 3	14°15	12°21	M27
T 28	6 56 53	14°39'14	21°29	23°10	6°59	2°23	23° 0	15° 0	29°27	9°48	29°11	17° 1	16° 0	14°22	12°23	T 28
W29	7 0 50	15°40'22	3♎19	24°30	8°14	3°11	23°13	15° 2	29°30	9°50	29°11	16°58	15°57	14°29	12°25	W29
T 30	7 4 46	16°41'29	15°13	25°51	9°29	3°58	23°26	15° 4	29°33	9°53	29°12	16°D57	15°54	14°35	12°28	T 30
F 31	7 8 43	17♑42'36	27♎16	27♐13	10♒44	4♒46	23♒39	15♎ 6	29♒35	9♑55	29♓12	16♉57	15♉51	14♍42	12♓30	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	22s54	5n39	4n11	19s56	2n23	24s33	1s 4	24s10	1s 7	16s32	1s 0	3s10	2n23	12s45	0s45	22s29	0n45	15s52	16s57	17n26	17n 6	11n41	3s 3	4n31
T 2	23 0	0 13	3 27	19 34	2 35	24 33	1 6	24 6	1 7	16 29	1 0	3 11	2 23	12 44	0 45	22 29	0 45	15 52	16 57	17 26	17 5	11 38	3 3	4 31
F 3	23 5	5s18	2 33	19 15	2 45	24 32	1 8	24 1	1 7	16 25	1 0	3 13	2 23	12 44	0 45	22 29	0 45	15 52	16 57	17 27	17 4	11 35	3 3	4 30
S 4	23 10	10 44	1 31	18 59	2 52	24 30	1 10	23 57	1 7	16 22	1 0	3 14	2 24	12 43	0 45	22 29	0 45	15 52	16 56	17 27	17 3	11 32	3 3	4 30
S 5	23 14	15 53	0 23	18 47	2 57	24 27	1 11	23 52	1 7	16 18	1 0	3 15	2 24	12 42	0 45	22 29	0 45	15 51	16 56	17 27	17 2	11 29	3 3	4 30
M 6	23 18	20 26	0s48	18 38	3 0	24 24	1 13	23 47	1 7	16 15	1 0	3 17	2 24	12 42	0 45	22 28	0 45	15 51	16 56	17 27	17 1	11 26	3 2	4 29
T 7	23 21	24 5	1 57	18 33	3 1	24 20	1 15	23 41	1 7	16 11	1 0	3 18	2 24	12 41	0 45	22 28	0 45	15 51	16 55	17 27	17 0	11 23	3 2	4 29
W 8	23 24	26 27	3 2	18 32	3 1	24 15	1 16	23 36	1 7	16 8	0 59	3 20	2 25	12 40	0 45	22 28	0 45	15 50	16 55	17 26	17 0	11 20	3 2	4 29
T 9	23 27	27 13	3 58	18 33	2 58	24 9	1 18	23 30	1 7	16 4	0 59	3 21	2 25	12 40	0 45	22 28	0 45	15 50	16 54	17 24	16 59	11 17	3 2	4 28
F 10	23 29	26 12	4 39	18 37	2 55	24 3	1 19	23 24	1 7	16 1	0 59	3 22	2 25	12 39	0 45	22 28	0 45	15 49	16 54	17 23	16 58	11 15	3 1	4 28
S 11	23 30	23 28	5 4	18 44	2 50	23 56	1 21	23 17	1 7	15 57	0 59	3 23	2 25	12 38	0 45	22 28	0 45	15 49	16 54	17 21	16 57	11 12	3 1	4 28
S 12	23 31	19 17	5 9	18 53	2 45	23 48	1 22	23 10	1 8	15 53	0 59	3 24	2 26	12 37	0 45	22 28	0 45	15 49	16 53	17 19	16 56	11 9	3 1	4 28
M13	23 32	13 59	4 55	19 4	2 39	23 40	1 24	23 3	1 8	15 49	0 59	3 25	2 26	12 37	0 45	22 28	0 45	15 48	16 53	17 18	16 55	11 6	3 1	4 27
T 14	23 32	7 58	4 23	19 16	2 32	23 30	1 25	22 56	1 8	15 46	0 59	3 27	2 26	12 36	0 44	22 27	0 45	15 48	16 53	17 17	16 54	11 3	3 0	4 27
W15	23 31	1 37	3 35	19 30	2 24	23 20	1 26	22 49	1 8	15 42	0 59	3 28	2 26	12 35	0 44	22 27	0 45	15 47	16 52	17 17	16 53	11 0	3 0	4 27
T 16	23 30	4n46	2 35	19 45	2 16	23 9	1 27	22 41	1 8	15 38	0 59	3 29	2 27	12 34	0 44	22 27	0 45	15 47	16 52	17 18	16 52	10 57	2 59	4 26
F 17	23 29	10 51	1 27	20 0	2 8	22 58	1 28	22 33	1 8	15 34	0 59	3 30	2 27	12 33	0 44	22 27	0 45	15 47	16 52	17 18	16 51	10 54	2 59	4 26
S 18	23 27	16 20	0 14	20 16	2 0	22 46	1 29	22 24	1 8	15 30	0 59	3 31	2 27	12 33	0 44	22 27	0 45	15 46	16 51	17 18	16 50	10 51	2 59	4 26
S 19	23 25	20 57	0n58	20 32	1 51	22 33	1 30	22 16	1 8	15 26	0 59	3 31	2 27	12 32	0 44	22 27	0 45	15 46	16 51	17 18	16 50	10 48	2 58	4 26
M20	23 22	24 26	2 6	20 49	1 43	22 20	1 31	22 7	1 8	15 22	0 59	3 32	2 28	12 31	0 44	22 27	0 45	15 45	16 50	17 17	16 49	10 45	2 58	4 25
T 21	23 19	26 33	3 6	21 5	1 34	22 6	1 32	21 58	1 8	15 18	0 59	3 33	2 28	12 30	0 44	22 26	0 45	15 45	16 50	17 16	16 48	10 42	2 57	4 25
W22	23 15	27 12	3 56	21 21	1 25	21 51	1 33	21 49	1 8	15 14	0 59	3 34	2 28	12 29	0 44	22 26	0 45	15 44	16 50	17 14	16 47	10 39	2 57	4 25
T 23	23 11	26 23	4 33	21 37	1 16	21 35	1 34	21 39	1 8	15 10	0 59	3 35	2 28	12 28	0 44	22 26	0 45	15 44	16 49	17 11	16 46	10 36	2 56	4 24
F 24	23 6	24 16	4 56	21 52	1 7	21 19	1 34	21 29	1 8	15 6	0 58	3 35	2 29	12 27	0 44	22 26	0 45	15 43	16 49	17 8	16 45	10 33	2 56	4 24
S 25	23 1	21 4	5 5	22 7	0 59	21 2	1 35	21 19	1 7	15 2	0 58	3 36	2 29	12 26	0 44	22 26	0 45	15 43	16 49	17 5	16 44	10 30	2 55	4 24
S 26	22 56	17 0	5 0	22 22	0 50	20 45	1 35	21 9	1 7	14 58	0 58	3 37	2 29	12 26	0 44	22 26	0 45	15 42	16 48	17 3	16 43	10 27	2 54	4 24
M27	22 50	12 20	4 42	22 35	0 41	20 27	1 36	20 58	1 7	14 53	0 58	3 37	2 30	12 25	0 44	22 25	0 45	15 42	16 48	17 0	16 42	10 24	2 54	4 23
T 28	22 43	7 15	4 12	22 48	0 33	20 9	1 36	20 47	1 7	14 49	0 58	3 38	2 30	12 24	0 44	22 25	0 45	15 41	16 48	16 59	16 41	10 21	2 53	4 23
W29	22 36	1 55	3 31	23 0	0 24	19 50	1 37	20 36	1 7	14 45	0 58	3 38	2 30	12 23	0 44	22 25	0 45	15 41	16 47	16 58	16 40	10 18	2 53	4 23
T 30	22 29	3s32	2 41	23 12	0 16	19 30	1 37	20 25	1 7	14 40	0 58	3 39	2 30	12 22	0 44	22 25	0 45	15 40	16 47	16 58	16 39	10 15	2 52	4 23
F 31	22s21	8s56	1n43	23s22	0n 8	19s10	1s37	20s14	1s 7	14s36	0s58	3s39	2n31	12s21	0s44	22s25	0n45	15s40	16s47	16n58	16n39	10n12	2s51	4n22

Julian Day Number = 2208270.5, Delta T = 09m33s
Ecliptic obliquity = 23°31'39, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°27'00, Lahiri = 14°34'00 Julian Calendar 1 Dec. 1333 == Greg. Calendar 9 Dec. 1333

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ASTRODIENST EPHEMERIS for the year 1334
geocentric

JANUARY 1334 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	7 12 39	18♑43'43	9♏34	28♐36	11♒58	5♒33	23♒52	15♎ 7	29♒38	9♑57	29♓13	16♉58	15♉48	14♍49	12♓33	S 1
S 2	7 16 36	19°44'50	22°11	29°59	13°13	6°20	24° 5	15° 9	29°41	9°59	29°13	16°R58	15°44	14°55	12°35	S 2
M 3	7 20 33	20°45'56	5♐12	1♑24	14°28	7° 8	24°19	15°10	29°44	10° 2	29°14	16°57	15°41	15° 2	12°38	M 3
T 4	7 24 29	21°47'01	18°40	2°50	15°43	7°55	24°32	15°11	29°47	10° 4	29°15	16°53	15°38	15° 9	12°40	T 4
W 5	7 28 26	22°48'06	2♑34	4°16	16°57	8°43	24°45	15°13	29°50	10° 6	29°15	16°46	15°35	15°16	12°43	W 5
T 6	7 32 22	23°49'11	16°53	5°44	18°12	9°30	24°59	15°14	29°52	10° 8	29°16	16°37	15°32	15°22	12°46	T 6
F 7	7 36 19	24°50'15	1♒32	7°12	19°26	10°18	25°12	15°15	29°55	10°11	29°17	16°26	15°28	15°29	12°48	F 7
S 8	7 40 15	25°51'17	16°22	8°41	20°41	11° 5	25°26	15°16	29°58	10°13	29°18	16°15	15°25	15°36	12°51	S 8
S 9	7 44 12	26°52'19	1♓15	10°10	21°56	11°53	25°39	15°16	0♓ 1	10°15	29°18	16° 5	15°22	15°42	12°54	S 9
M10	7 48 8	27°53'19	16° 2	11°40	23°10	12°40	25°53	15°17	0° 4	10°17	29°19	15°57	15°19	15°49	12°57	M10
T 11	7 52 5	28°54'18	0♈36	13°11	24°25	13°28	26° 7	15°18	0° 7	10°20	29°20	15°51	15°16	15°56	13° 0	T 11
W12	7 56 2	29°55'16	14°54	14°43	25°39	14°15	26°20	15°18	0°11	10°22	29°21	15°48	15°13	16° 3	13° 3	W12
T 13	7 59 58	0♒56'13	28°52	16°15	26°53	15° 2	26°34	15°19	0°14	10°24	29°22	15°D47	15° 9	16° 9	13° 6	T 13
F 14	8 3 55	1°57'08	12♉32	17°48	28° 8	15°50	26°48	15°19	0°17	10°26	29°22	15°R48	15° 6	16°16	13° 9	F 14
S 15	8 7 51	2°58'02	25°54	19°22	29°22	16°37	27° 2	15°19	0°20	10°28	29°23	15°47	15° 3	16°23	13°12	S 15
S 16	8 11 48	3°58'55	9♊ 2	20°56	0♓37	17°25	27°16	15°R19	0°23	10°30	29°24	15°45	15° 0	16°29	13°15	S 16
M17	8 15 44	4°59'46	21°57	22°31	1°51	18°12	27°30	15°19	0°26	10°32	29°25	15°41	14°57	16°36	13°18	M17
T 18	8 19 41	6° 0'36	4♋40	24° 7	3° 5	19° 0	27°44	15°19	0°29	10°35	29°26	15°33	14°54	16°43	13°21	T 18
W19	8 23 37	7° 1'24	17°14	25°44	4°19	19°47	27°58	15°19	0°33	10°37	29°27	15°23	14°50	16°49	13°24	W19
T 20	8 27 34	8° 2'11	29°38	27°21	5°33	20°34	28°12	15°18	0°36	10°39	29°28	15°10	14°47	16°56	13°27	T 20
F 21	8 31 31	9° 2'57	11♌53	28°59	6°48	21°22	28°26	15°18	0°39	10°41	29°29	14°55	14°44	17° 3	13°30	F 21
S 22	8 35 27	10° 3'41	24° 0	0♒38	8° 2	22° 9	28°40	15°17	0°42	10°43	29°30	14°41	14°41	17°10	13°33	S 22
S 23	8 39 24	11° 4'24	6♍ 0	2°18	9°16	22°57	28°54	15°16	0°46	10°45	29°31	14°27	14°38	17°16	13°37	S 23
M24	8 43 20	12° 5'06	17°53	3°58	10°30	23°44	29° 8	15°16	0°49	10°47	29°32	14°15	14°34	17°23	13°40	M24
T 25	8 47 17	13° 5'46	29°43	5°40	11°44	24°31	29°22	15°15	0°52	10°49	29°33	14° 6	14°31	17°30	13°43	T 25
W26	8 51 13	14° 6'26	11♎32	7°22	12°57	25°19	29°37	15°14	0°56	10°51	29°34	14° 1	14°28	17°36	13°47	W26
T 27	8 55 10	15° 7'04	23°24	9° 5	14°11	26° 6	29°51	15°13	0°59	10°53	29°35	13°57	14°25	17°43	13°50	T 27
F 28	8 59 6	16° 7'41	5♏25	10°49	15°25	26°53	0♓ 5	15°11	1° 2	10°55	29°36	13°56	14°22	17°50	13°53	F 28
S 29	9 3 3	17° 8'16	17°39	12°34	16°39	27°41	0°19	15°10	1° 6	10°57	29°38	13°56	14°19	17°56	13°57	S 29
S 30	9 7 0	18° 8'51	0♐12	14°19	17°53	28°28	0°34	15° 9	1° 9	10°59	29°39	13°56	14°15	18° 3	14° 0	S 30
M31	9 10 56	19♒ 9'24	13♐ 8	16♒ 6	19♓ 6	29♒15	0♓48	15♎ 7	1♓12	11♑ 1	29♓40	13♉54	14♉12	18♍10	14♓ 4	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22s13	14s 6	0n39	23s31	0n 0	18s49	1s37	20s 2	1s 7	14s32	0s58	3s39	2n31	12s20	0s44	22s25	0n45	15s39	16s46	16n58	16n38	10n 9	2s50	4n22
S 2	22 4	18 50	0s28	23 39	0s 8	18 28	1 37	19 50	1 7	14 27	0 58	3 40	2 31	12 19	0 44	22 24	0 45	15 39	16 46	16 58	16 37	10 6	2 50	4 22
M 3	21 55	22 49	1 36	23 46	0 15	18 6	1 37	19 38	1 7	14 23	0 58	3 40	2 31	12 18	0 44	22 24	0 45	15 38	16 46	16 58	16 36	10 3	2 49	4 22
T 4	21 45	25 42	2 40	23 52	0 23	17 44	1 37	19 26	1 7	14 18	0 58	3 40	2 32	12 17	0 44	22 24	0 45	15 37	16 45	16 56	16 35	10 0	2 48	4 21
W 5	21 36	27 8	3 37	23 57	0 30	17 21	1 37	19 13	1 7	14 14	0 58	3 41	2 32	12 16	0 44	22 24	0 45	15 37	16 45	16 54	16 34	9 57	2 47	4 21
T 6	21 25	26 48	4 23	24 1	0 37	16 58	1 37	19 0	1 6	14 9	0 58	3 41	2 32	12 15	0 44	22 24	0 45	15 36	16 45	16 52	16 33	9 54	2 47	4 21
F 7	21 14	24 38	4 52	24 4	0 44	16 34	1 36	18 47	1 6	14 5	0 58	3 41	2 33	12 13	0 44	22 24	0 45	15 36	16 44	16 49	16 32	9 51	2 46	4 21
S 8	21 3	20 47	5 2	24 5	0 50	16 10	1 36	18 34	1 6	14 0	0 58	3 41	2 33	12 12	0 44	22 23	0 45	15 35	16 44	16 46	16 31	9 48	2 45	4 20
S 9	20 52	15 36	4 51	24 5	0 57	15 45	1 35	18 21	1 6	13 55	0 58	3 41	2 33	12 11	0 44	22 23	0 45	15 35	16 44	16 43	16 30	9 45	2 44	4 20
M10	20 40	9 32	4 22	24 3	1 3	15 20	1 35	18 7	1 6	13 51	0 58	3 41	2 33	12 10	0 44	22 23	0 45	15 34	16 43	16 40	16 29	9 42	2 43	4 20
T 11	20 27	3 3	3 35	24 1	1 9	14 55	1 34	17 53	1 6	13 46	0 58	3 41	2 34	12 9	0 44	22 23	0 45	15 33	16 43	16 39	16 28	9 39	2 42	4 20
W12	20 15	3n30	2 36	23 57	1 15	14 29	1 33	17 40	1 5	13 41	0 58	3 41	2 34	12 8	0 44	22 23	0 45	15 33	16 43	16 38	16 27	9 36	2 41	4 20
T 13	20 1	9 44	1 28	23 51	1 20	14 3	1 33	17 25	1 5	13 37	0 58	3 41	2 34	12 7	0 44	22 23	0 45	15 32	16 42	16 38	16 27	9 33	2 40	4 19
F 14	19 48	15 23	0 17	23 45	1 25	13 36	1 32	17 11	1 5	13 32	0 58	3 41	2 35	12 6	0 44	22 22	0 45	15 31	16 42	16 38	16 26	9 30	2 40	4 19
S 15	19 34	20 10	0n53	23 37	1 30	13 9	1 31	16 57	1 5	13 27	0 58	3 40	2 35	12 5	0 44	22 22	0 45	15 31	16 42	16 38	16 25	9 27	2 39	4 19
S 16	19 20	23 51	2 0	23 27	1 35	12 42	1 30	16 42	1 5	13 22	0 58	3 40	2 35	12 4	0 44	22 22	0 45	15 30	16 41	16 37	16 24	9 24	2 38	4 19
M17	19 5	26 15	2 59	23 16	1 39	12 14	1 29	16 27	1 4	13 18	0 58	3 40	2 35	12 2	0 44	22 22	0 45	15 30	16 41	16 36	16 23	9 20	2 37	4 19
T 18	18 50	27 14	3 48	23 3	1 43	11 46	1 28	16 12	1 4	13 13	0 58	3 40	2 36	12 1	0 44	22 22	0 45	15 29	16 41	16 33	16 22	9 17	2 36	4 18
W19	18 35	26 47	4 25	22 49	1 47	11 18	1 26	15 57	1 4	13 8	0 58	3 39	2 36	12 0	0 44	22 22	0 45	15 28	16 41	16 30	16 21	9 14	2 35	4 18
T 20	18 20	25 0	4 49	22 34	1 50	10 50	1 25	15 42	1 4	13 3	0 58	3 39	2 36	11 59	0 44	22 21	0 45	15 28	16 40	16 27	16 20	9 11	2 34	4 18
F 21	18 4	22 4	4 59	22 17	1 53	10 21	1 24	15 26	1 4	12 58	0 58	3 38	2 37	11 58	0 44	22 21	0 45	15 27	16 40	16 22	16 19	9 8	2 33	4 18
S 22	17 47	18 12	4 55	21 58	1 56	9 52	1 22	15 10	1 3	12 53	0 58	3 38	2 37	11 57	0 44	22 21	0 45	15 26	16 40	16 18	16 18	9 5	2 31	4 18
S 23	17 31	13 40	4 39	21 38	1 58	9 22	1 21	14 55	1 3	12 48	0 58	3 37	2 37	11 55	0 44	22 21	0 45	15 26	16 39	16 14	16 17	9 2	2 30	4 17
M24	17 14	8 38	4 10	21 17	2 0	8 53	1 19	14 39	1 3	12 43	0 58	3 37	2 37	11 54	0 44	22 21	0 45	15 25	16 39	16 11	16 16	8 59	2 29	4 17
T 25	16 57	3 20	3 31	20 54	2 2	8 23	1 18	14 23	1 3	12 38	0 58	3 36	2 38	11 53	0 44	22 21	0 45	15 24	16 39	16 8	16 15	8 56	2 28	4 17
W26	16 39	2s 5	2 42	20 29	2 3	7 53	1 16	14 6	1 2	12 33	0 58	3 36	2 38	11 52	0 44	22 21	0 45	15 24	16 39	16 6	16 14	8 53	2 27	4 17
T 27	16 22	7 29	1 46	20 3	2 4	7 23	1 14	13 50	1 2	12 28	0 58	3 35	2 38	11 51	0 44	22 20	0 45	15 23	16 38	16 5	16 13	8 50	2 26	4 17
F 28	16 4	12 40	0 45	19 35	2 5	6 53	1 12	13 34	1 2	12 23	0 58	3 34	2 38	11 49	0 44	22 20	0 45	15 22	16 38	16 5	16 12	8 47	2 25	4 17
S 29	15 45	17 28	0s20	19 6	2 5	6 22	1 10	13 17	1 1	12 18	0 58	3 33	2 39	11 48	0 44	22 20	0 45	15 22	16 38	16 5	16 11	8 44	2 24	4 16
S 30	15 27	21 39	1 25	18 35	2 4	5 51	1 8	13 0	1 1	12 13	0 58	3 33	2 39	11 47	0 44	22 20	0 45	15 21	16 38	16 5	16 11	8 40	2 23	4 16
M31	15s 8	24s54	2s28	18s 2	2s 3	5s20	1s 6	12s43	1s 1	12s 8	0s58	3s32	2n39	11s46	0s44	22s20	0n45	15s20	16s38	16n 4	16n10	8n37	2s21	4n16

Julian Day Number = 2208301.5, Delta T = 09m33s
Ecliptic obliquity = 23°31'39, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°27'04, Lahiri = 14°34'05 Julian Calendar 1 Jan. 1334 == Greg. Calendar 9 Jan. 1334

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ASTRODIENST EPHEMERIS for the year 1334
geocentric

FEBRUARY 1334 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 14 53	20♒ 9'56	26♐33	17♒53	20♓20	0♓ 3	1♓ 2	15°R 6	1♓16	11♑ 2	29♓41	13°R50	14♉ 9	18♍17	14♓ 7	T 1
W 2	9 18 49	21°10'26	10♑27	19°42	21°34	0°50	1°17	15♎ 4	1°19	11° 4	29°42	13♉44	14° 6	18°23	14°11	W 2
T 3	9 22 46	22°10'55	24°51	21°31	22°47	1°37	1°31	15° 2	1°23	11° 6	29°43	13°34	14° 3	18°30	14°14	T 3
F 4	9 26 42	23°11'23	9♒40	23°21	24° 1	2°24	1°46	15° 0	1°26	11° 8	29°45	13°23	14° 0	18°37	14°18	F 4
S 5	9 30 39	24°11'49	24°46	25°12	25°14	3°12	2° 0	14°58	1°30	11°10	29°46	13°12	13°56	18°43	14°21	S 5
S 6	9 34 36	25°12'13	9♓59	27° 4	26°27	3°59	2°15	14°56	1°33	11°12	29°47	13° 1	13°53	18°50	14°25	S 6
M 7	9 38 32	26°12'36	25° 8	28°57	27°41	4°46	2°29	14°54	1°36	11°13	29°48	12°52	13°50	18°57	14°28	M 7
T 8	9 42 29	27°12'56	10♈ 4	0♓50	28°54	5°33	2°44	14°52	1°40	11°15	29°50	12°46	13°47	19° 3	14°32	T 8
W 9	9 46 25	28°13'14	24°39	2°44	0♈ 7	6°20	2°58	14°49	1°43	11°17	29°51	12°42	13°44	19°10	14°35	W 9
T 10	9 50 22	29°13'31	8♉50	4°38	1°20	7° 7	3°12	14°47	1°47	11°18	29°52	12°D41	13°40	19°17	14°39	T 10
F 11	9 54 18	0♓13'45	22°36	6°33	2°33	7°54	3°27	14°44	1°50	11°20	29°53	12°41	13°37	19°24	14°43	F 11
S 12	9 58 15	1°13'57	5♊59	8°28	3°46	8°41	3°41	14°42	1°54	11°22	29°55	12°R41	13°34	19°30	14°46	S 12
S 13	10 2 11	2°14'08	19° 1	10°23	4°59	9°28	3°56	14°39	1°57	11°23	29°56	12°40	13°31	19°37	14°50	S 13
M14	10 6 8	3°14'16	1♋45	12°18	6°12	10°15	4°11	14°36	2° 1	11°25	29°57	12°37	13°28	19°44	14°54	M14
T 15	10 10 4	4°14'22	14°16	14°12	7°25	11° 2	4°25	14°33	2° 4	11°26	29°59	12°31	13°25	19°50	14°57	T 15
W16	10 14 1	5°14'25	26°36	16° 6	8°38	11°49	4°40	14°30	2° 7	11°28	0♈ 0	12°22	13°21	19°57	15° 1	W16
T 17	10 17 58	6°14'27	8♌46	17°59	9°50	12°36	4°54	14°27	2°11	11°29	0° 1	12°11	13°18	20° 4	15° 5	T 17
F 18	10 21 54	7°14'27	20°50	19°50	11° 3	13°23	5° 9	14°24	2°14	11°31	0° 3	11°58	13°15	20°10	15° 8	F 18
S 19	10 25 51	8°14'24	2♍48	21°40	12°15	14°10	5°23	14°21	2°18	11°32	0° 4	11°46	13°12	20°17	15°12	S 19
S 20	10 29 47	9°14'20	14°42	23°27	13°28	14°57	5°38	14°18	2°21	11°34	0° 6	11°34	13° 9	20°24	15°16	S 20
M21	10 33 44	10°14'14	26°33	25°12	14°40	15°44	5°52	14°14	2°25	11°35	0° 7	11°24	13° 5	20°31	15°19	M21
T 22	10 37 40	11°14'05	8♎23	26°54	15°52	16°30	6° 6	14°11	2°28	11°37	0° 8	11°16	13° 2	20°37	15°23	T 22
W23	10 41 37	12°13'55	20°13	28°32	17° 5	17°17	6°21	14° 7	2°31	11°38	0°10	11°11	12°59	20°44	15°27	W23
T 24	10 45 33	13°13'43	2♏ 8	0♈ 6	18°17	18° 4	6°35	14° 4	2°35	11°39	0°11	11° 9	12°56	20°51	15°30	T 24
F 25	10 49 30	14°13'30	14°11	1°35	19°29	18°50	6°50	14° 0	2°38	11°41	0°13	11°D 8	12°53	20°57	15°34	F 25
S 26	10 53 27	15°13'14	26°25	2°59	20°41	19°37	7° 4	13°56	2°42	11°42	0°14	11° 9	12°50	21° 4	15°38	S 26
S 27	10 57 23	16°12'57	8♐56	4°17	21°52	20°24	7°19	13°53	2°45	11°43	0°15	11°10	12°46	21°11	15°42	S 27
M28	11 1 20	17♓12'38	21♐48	5♈30	23♈ 4	21♓10	7♓33	13♎49	2♓48	11♑44	0♈17	11°R10	12♉43	21♍17	15♓45	M28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	14s49	26s54	3s25	17s28	2s 2	4s50	1s 4	12s27	1s 1	12s 3	0s58	3s31	2n39	11s45	0s44	22s20	0n45	15s20	16s37	16n 3	16n 9	8n34	2s20	4n16
W 2	14 30	27 18	4 12	16 52	2 0	4 18	1 2	12 9	1 0	11 58	0 58	3 30	2 40	11 43	0 44	22 19	0 45	15 19	16 37	16 1	16 8	8 31	2 19	4 16
T 3	14 10	25 54	4 45	16 15	1 58	3 47	1 0	11 52	1 0	11 53	0 58	3 29	2 40	11 42	0 44	22 19	0 45	15 18	16 37	15 58	16 7	8 28	2 18	4 16
F 4	13 50	22 42	5 0	15 36	1 55	3 16	0 57	11 35	1 0	11 47	0 58	3 28	2 40	11 41	0 44	22 19	0 45	15 18	16 37	15 55	16 6	8 25	2 17	4 15
S 5	13 30	17 56	4 54	14 55	1 52	2 44	0 55	11 18	0 59	11 42	0 58	3 27	2 40	11 40	0 44	22 19	0 45	15 17	16 36	15 51	16 5	8 22	2 15	4 15
S 6	13 10	11 59	4 28	14 13	1 48	2 13	0 52	11 0	0 59	11 37	0 58	3 26	2 41	11 38	0 44	22 19	0 45	15 16	16 36	15 48	16 4	8 19	2 14	4 15
M 7	12 50	5 21	3 43	13 30	1 43	1 41	0 50	10 42	0 59	11 32	0 58	3 25	2 41	11 37	0 44	22 19	0 45	15 16	16 36	15 45	16 3	8 16	2 13	4 15
T 8	12 29	1n30	2 43	12 45	1 38	1 10	0 47	10 25	0 58	11 27	0 58	3 24	2 41	11 36	0 44	22 18	0 45	15 15	16 36	15 44	16 2	8 13	2 12	4 15
W 9	12 8	8 8	1 34	11 59	1 33	0 38	0 45	10 7	0 58	11 21	0 58	3 23	2 41	11 35	0 44	22 18	0 45	15 14	16 36	15 43	16 1	8 9	2 10	4 15
T 10	11 47	14 11	0 20	11 11	1 27	0 7	0 42	9 49	0 58	11 16	0 58	3 22	2 42	11 33	0 44	22 18	0 45	15 14	16 35	15 42	16 0	8 6	2 9	4 15
F 11	11 26	19 20	0n52	10 23	1 20	0n25	0 39	9 31	0 57	11 11	0 58	3 20	2 42	11 32	0 44	22 18	0 45	15 13	16 35	15 42	15 59	8 3	2 8	4 15
S 12	11 5	23 21	2 0	9 33	1 12	0 57	0 37	9 13	0 57	11 6	0 58	3 19	2 42	11 31	0 44	22 18	0 45	15 12	16 35	15 42	15 58	8 0	2 6	4 14
S 13	10 43	26 4	3 0	8 42	1 4	1 28	0 34	8 55	0 56	11 1	0 58	3 18	2 42	11 30	0 44	22 18	0 45	15 12	16 35	15 42	15 57	7 57	2 5	4 14
M14	10 21	27 20	3 49	7 50	0 55	2 0	0 31	8 37	0 56	10 55	0 58	3 17	2 43	11 29	0 44	22 18	0 45	15 11	16 35	15 41	15 56	7 54	2 4	4 14
T 15	9 59	27 11	4 27	6 57	0 46	2 31	0 28	8 19	0 56	10 50	0 58	3 15	2 43	11 27	0 44	22 17	0 45	15 10	16 35	15 39	15 55	7 51	2 2	4 14
W16	9 37	25 40	4 51	6 3	0 36	3 3	0 25	8 0	0 55	10 45	0 59	3 14	2 43	11 26	0 44	22 17	0 45	15 10	16 34	15 36	15 54	7 48	2 1	4 14
T 17	9 15	22 59	5 2	5 10	0 26	3 34	0 22	7 42	0 55	10 39	0 59	3 13	2 43	11 25	0 44	22 17	0 45	15 9	16 34	15 33	15 53	7 44	2 0	4 14
F 18	8 53	19 19	4 59	4 16	0 15	4 6	0 19	7 24	0 54	10 34	0 59	3 11	2 43	11 24	0 44	22 17	0 45	15 8	16 34	15 29	15 52	7 41	1 58	4 14
S 19	8 31	14 54	4 42	3 22	0 3	4 37	0 16	7 5	0 54	10 29	0 59	3 10	2 44	11 22	0 44	22 17	0 45	15 8	16 34	15 25	15 51	7 38	1 57	4 14
S 20	8 8	9 57	4 14	2 28	0n 9	5 8	0 13	6 47	0 54	10 24	0 59	3 8	2 44	11 21	0 44	22 17	0 45	15 7	16 34	15 21	15 51	7 35	1 56	4 14
M21	7 45	4 39	3 34	1 35	0 22	5 39	0 10	6 28	0 53	10 18	0 59	3 7	2 44	11 20	0 44	22 17	0 45	15 6	16 34	15 18	15 50	7 32	1 54	4 14
T 22	7 23	0s48	2 46	0 43	0 34	6 10	0 6	6 9	0 53	10 13	0 59	3 5	2 44	11 19	0 44	22 16	0 45	15 6	16 34	15 16	15 49	7 29	1 53	4 14
W23	7 0	6 14	1 49	0n 8	0 47	6 41	0 3	5 51	0 52	10 8	0 59	3 4	2 44	11 17	0 44	22 16	0 45	15 5	16 34	15 14	15 48	7 26	1 52	4 14
T 24	6 37	11 30	0 48	0 58	1 1	7 12	0n 0	5 32	0 52	10 2	0 59	3 2	2 44	11 16	0 44	22 16	0 45	15 4	16 33	15 14	15 47	7 22	1 50	4 13
F 25	6 14	16 25	0s16	1 46	1 14	7 42	0 3	5 13	0 52	9 57	0 59	3 1	2 45	11 15	0 44	22 16	0 45	15 4	16 33	15 14	15 46	7 19	1 49	4 13
S 26	5 51	20 44	1 21	2 31	1 27	8 12	0 7	4 55	0 51	9 52	0 59	2 59	2 45	11 14	0 44	22 16	0 45	15 3	16 33	15 14	15 45	7 16	1 48	4 13
S 27	5 27	24 14	2 23	3 15	1 40	8 43	0 10	4 36	0 51	9 46	0 59	2 58	2 45	11 13	0 44	22 16	0 45	15 2	16 33	15 14	15 44	7 13	1 46	4 13
M28	5s 4	26s36	3s20	3n55	1n53	9n13	0n14	4s17	0s50	9s41	0s59	2s56	2n45	11s11	0s44	22s16	0n45	15s 2	16s33	15n14	15n43	7n10	1s45	4n13

Julian Day Number = 2208332.5, Delta T = 09m32s
Ecliptic obliquity = 23°31'39, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°27'08, Lahiri = 14°34'09 Julian Calendar 1 Feb. 1334 == Greg. Calendar 9 Feb. 1334

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ASTRODIENST EPHEMERIS for the year 1334
geocentric

MARCH 1334 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	11 5 16	18♓12'18	5♉ 5	6♈36	24♈16	21♓57	7♓48	13°R45	2♓52	11♉46	0♈18	11°R 9	12♉40	21♍24	15♓49	T 1
W 2	11 9 13	19°11'55	18°51	7°35	25°28	22°43	8° 2	13♎41	2°55	11°47	0°20	11♉ 5	12°37	21°31	15°53	W 2
T 3	11 13 9	20°11'31	3♒ 6	8°27	26°39	23°30	8°16	13°37	2°58	11°48	0°21	11° 0	12°34	21°37	15°56	T 3
F 4	11 17 6	21°11'05	17°49	9°11	27°51	24°16	8°31	13°33	3° 2	11°49	0°23	10°53	12°31	21°44	16° 0	F 4
S 5	11 21 2	22°10'37	2♓52	9°48	29° 2	25° 2	8°45	13°29	3° 5	11°50	0°24	10°45	12°27	21°51	16° 4	S 5
S 6	11 24 59	23°10'07	18° 8	10°17	0♉13	25°49	8°59	13°25	3° 8	11°51	0°26	10°38	12°24	21°58	16° 8	S 6
M 7	11 28 56	24° 9'35	3♈25	10°38	1°24	26°35	9°13	13°20	3°12	11°52	0°27	10°32	12°21	22° 4	16°11	M 7
T 8	11 32 52	25° 9'01	18°33	10°52	2°35	27°21	9°28	13°16	3°15	11°53	0°28	10°28	12°18	22°11	16°15	T 8
W 9	11 36 49	26° 8'25	3♉22	10°R58	3°46	28° 8	9°42	13°12	3°18	11°54	0°30	10°26	12°15	22°18	16°19	W 9
T 10	11 40 45	27° 7'46	17°48	10°56	4°57	28°54	9°56	13° 8	3°21	11°55	0°31	10°D26	12°11	22°24	16°22	T 10
F 11	11 44 42	28° 7'06	1♊46	10°47	6° 8	29°40	10°10	13° 3	3°25	11°56	0°33	10°27	12° 8	22°31	16°26	F 11
S 12	11 48 38	29° 6'22	15°18	10°31	7°19	0♈26	10°24	12°59	3°28	11°56	0°34	10°29	12° 5	22°38	16°30	S 12
S 13	11 52 35	0♈ 5'37	28°24	10° 8	8°29	1°12	10°39	12°55	3°31	11°57	0°36	10°R29	12° 2	22°44	16°33	S 13
M14	11 56 31	1° 4'49	11♋ 9	9°40	9°40	1°58	10°53	12°50	3°34	11°58	0°37	10°29	11°59	22°51	16°37	M14
T 15	12 0 28	2° 3'59	23°36	9° 6	10°50	2°44	11° 7	12°46	3°37	11°59	0°39	10°27	11°56	22°58	16°40	T 15
W16	12 4 25	3° 3'06	5♌49	8°27	12° 0	3°30	11°21	12°41	3°40	12° 0	0°40	10°23	11°52	23° 4	16°44	W16
T 17	12 8 21	4° 2'11	17°53	7°45	13°10	4°16	11°35	12°37	3°44	12° 0	0°42	10°17	11°49	23°11	16°48	T 17
F 18	12 12 18	5° 1'14	29°49	7° 1	14°20	5° 2	11°48	12°32	3°47	12° 1	0°43	10°11	11°46	23°18	16°51	F 18
S 19	12 16 14	6° 0'15	11♍42	6°14	15°30	5°48	12° 2	12°27	3°50	12° 1	0°45	10° 5	11°43	23°24	16°55	S 19
S 20	12 20 11	6°59'13	23°32	5°26	16°40	6°33	12°16	12°23	3°53	12° 2	0°46	9°58	11°40	23°31	16°58	S 20
M21	12 24 7	7°58'09	5♎23	4°39	17°49	7°19	12°30	12°18	3°56	12° 3	0°47	9°53	11°37	23°38	17° 2	M21
T 22	12 28 4	8°57'03	17°15	3°52	18°59	8° 5	12°44	12°14	3°59	12° 3	0°49	9°50	11°33	23°45	17° 5	T 22
W23	12 32 0	9°55'55	29°12	3° 7	20° 8	8°50	12°57	12° 9	4° 2	12° 4	0°50	9°48	11°30	23°51	17° 9	W23
T 24	12 35 57	10°54'46	11♏14	2°24	21°17	9°36	13°11	12° 5	4° 5	12° 4	0°52	9°D47	11°27	23°58	17°12	T 24
F 25	12 39 53	11°53'34	23°25	1°45	22°26	10°21	13°25	12° 0	4° 7	12° 4	0°53	9°48	11°24	24° 5	17°16	F 25
S 26	12 43 50	12°52'21	5♐47	1°10	23°35	11° 7	13°38	11°55	4°10	12° 5	0°55	9°49	11°21	24°11	17°19	S 26
S 27	12 47 47	13°51'05	18°24	0°38	24°44	11°52	13°52	11°51	4°13	12° 5	0°56	9°51	11°17	24°18	17°23	S 27
M28	12 51 43	14°49'49	1♑18	0°12	25°53	12°38	14° 5	11°46	4°16	12° 6	0°58	9°52	11°14	24°25	17°26	M28
T 29	12 55 40	15°48'30	14°34	29♓50	27° 1	13°23	14°19	11°41	4°19	12° 6	0°59	9°R53	11°11	24°31	17°29	T 29
W30	12 59 36	16°47'10	28°12	29°33	28°10	14° 8	14°32	11°37	4°22	12° 6	1° 0	9°53	11° 8	24°38	17°33	W30
T 31	13 3 33	17♈45'48	12♒15	29♓21	29♉18	14♈54	14♓45	11♎32	4♓24	12♑ 6	1♈ 2	9♉51	11♉ 5	24♍45	17♓36	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	4s41	27s34	4s 9	4n33	2n 6	9n42	0n17	3s58	0s50	9s36	0s59	2s54	2n45	11s10	0s44	22s16	0n45	15s 1	16s33	15n14	15n42	7n 7	1s43	4n13
W 2	4 17	26 53	4 44	5 8	2 18	10 12	0 20	3 39	0 49	9 30	0 59	2 53	2 45	11 9	0 44	22 15	0 45	15 1	16 33	15 13	15 41	7 3	1 42	4 13
T 3	3 54	24 28	5 4	5 39	2 29	10 41	0 24	3 20	0 49	9 25	0 59	2 51	2 46	11 8	0 44	22 15	0 45	15 0	16 33	15 11	15 40	7 0	1 41	4 13
F 4	3 30	20 23	5 5	6 6	2 40	11 10	0 27	3 1	0 48	9 20	1 0	2 49	2 46	11 7	0 44	22 15	0 45	14 59	16 33	15 9	15 39	6 57	1 39	4 13
S 5	3 7	14 55	4 45	6 30	2 50	11 39	0 31	2 43	0 48	9 14	1 0	2 48	2 46	11 5	0 44	22 15	0 45	14 59	16 33	15 6	15 38	6 54	1 38	4 13
S 6	2 43	8 27	4 4	6 50	2 59	12 8	0 34	2 24	0 47	9 9	1 0	2 46	2 46	11 4	0 44	22 15	0 45	14 58	16 33	15 4	15 37	6 51	1 36	4 13
M 7	2 20	1 29	3 6	7 6	3 7	12 36	0 38	2 5	0 47	9 4	1 0	2 44	2 46	11 3	0 44	22 15	0 45	14 57	16 33	15 2	15 36	6 48	1 35	4 13
T 8	1 56	5n31	1 56	7 17	3 14	13 4	0 41	1 46	0 46	8 59	1 0	2 42	2 46	11 2	0 44	22 15	0 45	14 57	16 33	15 1	15 35	6 44	1 34	4 13
W 9	1 32	12 5	0 38	7 24	3 19	13 31	0 45	1 27	0 46	8 53	1 0	2 41	2 46	11 1	0 44	22 15	0 45	14 56	16 33	15 0	15 34	6 41	1 32	4 13
T 10	1 9	17 50	0n40	7 27	3 23	13 59	0 48	1 8	0 45	8 48	1 0	2 39	2 46	10 59	0 44	22 15	0 45	14 56	16 33	15 0	15 33	6 38	1 31	4 13
F 11	0 45	22 26	1 53	7 26	3 26	14 26	0 52	0 49	0 45	8 43	1 0	2 37	2 47	10 58	0 44	22 15	0 45	14 55	16 33	15 1	15 32	6 35	1 29	4 13
S 12	0 21	25 39	2 58	7 21	3 27	14 53	0 56	0 30	0 44	8 37	1 0	2 35	2 47	10 57	0 44	22 14	0 45	14 54	16 33	15 1	15 31	6 32	1 28	4 13
S 13	0n 2	27 22	3 51	7 11	3 26	15 19	0 59	0 11	0 44	8 32	1 0	2 33	2 47	10 56	0 44	22 14	0 45	14 54	16 33	15 1	15 30	6 29	1 27	4 13
M14	0 26	27 33	4 31	6 57	3 24	15 45	1 3	0n 7	0 43	8 27	1 0	2 32	2 47	10 55	0 44	22 14	0 45	14 53	16 33	15 1	15 29	6 25	1 25	4 13
T 15	0 49	26 20	4 57	6 40	3 19	16 11	1 6	0 26	0 43	8 22	1 1	2 30	2 47	10 54	0 44	22 14	0 45	14 53	16 33	15 0	15 28	6 22	1 24	4 13
W16	1 13	23 53	5 9	6 20	3 14	16 36	1 10	0 45	0 42	8 16	1 1	2 28	2 47	10 53	0 44	22 14	0 45	14 52	16 33	14 59	15 27	6 19	1 22	4 13
T 17	1 37	20 24	5 8	5 56	3 6	17 1	1 13	1 4	0 42	8 11	1 1	2 26	2 47	10 52	0 44	22 14	0 45	14 52	16 33	14 58	15 26	6 16	1 21	4 13
F 18	2 0	16 8	4 53	5 30	2 57	17 25	1 17	1 22	0 41	8 6	1 1	2 24	2 47	10 50	0 44	22 14	0 45	14 51	16 33	14 56	15 25	6 13	1 20	4 13
S 19	2 24	11 17	4 25	5 2	2 47	17 49	1 20	1 41	0 41	8 1	1 1	2 23	2 47	10 49	0 44	22 14	0 45	14 50	16 33	14 54	15 24	6 9	1 18	4 13
S 20	2 47	6 2	3 46	4 32	2 35	18 13	1 24	2 0	0 40	7 55	1 1	2 21	2 47	10 48	0 44	22 14	0 45	14 50	16 33	14 52	15 23	6 6	1 17	4 13
M21	3 10	0 34	2 57	4 1	2 22	18 36	1 27	2 18	0 40	7 50	1 1	2 19	2 47	10 47	0 44	22 14	0 45	14 49	16 33	14 50	15 22	6 3	1 15	4 13
T 22	3 34	4s57	2 0	3 29	2 7	18 59	1 30	2 37	0 39	7 45	1 1	2 17	2 47	10 46	0 44	22 14	0 45	14 49	16 33	14 49	15 21	6 0	1 14	4 13
W23	3 57	10 20	0 58	2 58	1 53	19 21	1 34	2 55	0 39	7 40	1 1	2 15	2 47	10 45	0 44	22 14	0 45	14 48	16 33	14 48	15 20	5 57	1 13	4 13
T 24	4 20	15 23	0s 8	2 27	1 37	19 43	1 37	3 14	0 38	7 35	1 2	2 13	2 47	10 44	0 44	22 14	0 45	14 48	16 33	14 48	15 19	5 53	1 11	4 13
F 25	4 43	19 53	1 14	1 56	1 21	20 4	1 41	3 32	0 38	7 30	1 2	2 12	2 47	10 43	0 44	22 14	0 45	14 47	16 33	14 48	15 18	5 50	1 10	4 13
S 26	5 6	23 37	2 18	1 27	1 5	20 25	1 44	3 51	0 37	7 24	1 2	2 10	2 47	10 42	0 44	22 14	0 45	14 47	16 33	14 49	15 17	5 47	1 9	4 13
S 27	5 29	26 17	3 16	0 59	0 48	20 45	1 47	4 9	0 36	7 19	1 2	2 8	2 47	10 41	0 44	22 13	0 45	14 46	16 33	14 49	15 16	5 44	1 7	4 13
M28	5 52	27 38	4 6	0 34	0 32	21 5	1 50	4 27	0 36	7 14	1 2	2 6	2 47	10 40	0 44	22 13	0 45	14 46	16 33	14 50	15 15	5 40	1 6	4 13
T 29	6 15	27 27	4 45	0 10	0 16	21 24	1 54	4 46	0 35	7 9	1 2	2 4	2 47	10 39	0 44	22 13	0 45	14 45	16 33	14 50	15 14	5 37	1 4	4 13
W30	6 37	25 38	5 8	0s11	0s 0	21 43	1 57	5 4	0 35	7 4	1 2	2 3	2 47	10 38	0 44	22 13	0 45	14 45	16 33	14 50	15 13	5 34	1 3	4 13
T 31	7n 0	22s13	5s15	0s30	0s16	22n 1	2n 0	5n22	0s34	6s59	1s 2	2s 1	2n47	10s37	0s44	22s13	0n45	14s44	16s34	14n49	15n12	5n31	1s 2	4n13

Julian Day Number = 2208360.5, Delta T = 09m32s
Ecliptic obliquity = 23°31'40, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°27'12, Lahiri = 14°34'13 Julian Calendar 1 March 1334 == Greg. Calendar 9 March 1334

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ASTRODIENST EPHEMERIS for the year 1334
geocentric

APRIL 1334 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	13 7 29	18♈44'24	26♒42	29°R15	0♊26	15♈39	14♓59	11°R28	4♓27	12♑ 6	1♈ 3	9°R49	11♉ 2	24♍51	17♓39	F 1
S 2	13 11 26	19°42'58	11♓29	29°D14	1°34	16°24	15°12	11♎23	4°30	12° 7	1° 5	9♉46	10°58	24°58	17°43	S 2
S 3	13 15 22	20°41'31	26°30	29♓17	2°41	17° 9	15°25	11°19	4°32	12° 7	1° 6	9°44	10°55	25° 5	17°46	S 3
M 4	13 19 19	21°40'02	11♈36	29°26	3°49	17°54	15°38	11°14	4°35	12° 7	1° 7	9°42	10°52	25°11	17°49	M 4
T 5	13 23 16	22°38'31	26°39	29°40	4°56	18°39	15°51	11°10	4°37	12° 7	1° 9	9°41	10°49	25°18	17°52	T 5
W 6	13 27 12	23°36'58	11♉30	29°58	6° 4	19°24	16° 4	11° 5	4°40	12°R 7	1°10	9°D40	10°46	25°25	17°55	W 6
T 7	13 31 9	24°35'23	26° 1	0♈21	7°11	20° 9	16°17	11° 1	4°43	12° 7	1°12	9°41	10°42	25°32	17°59	T 7
F 8	13 35 5	25°33'47	10♊ 8	0°48	8°17	20°54	16°30	10°56	4°45	12° 7	1°13	9°42	10°39	25°38	18° 2	F 8
S 9	13 39 2	26°32'08	23°48	1°20	9°24	21°39	16°43	10°52	4°47	12° 7	1°14	9°43	10°36	25°45	18° 5	S 9
S 10	13 42 58	27°30'27	7♋ 2	1°55	10°31	22°23	16°55	10°48	4°50	12° 7	1°16	9°44	10°33	25°52	18° 8	S 10
M11	13 46 55	28°28'44	19°52	2°35	11°37	23° 8	17° 8	10°43	4°52	12° 7	1°17	9°44	10°30	25°58	18°11	M11
T 12	13 50 51	29°26'59	2♌22	3°18	12°43	23°53	17°21	10°39	4°55	12° 6	1°18	9°R44	10°27	26° 5	18°14	T 12
W13	13 54 48	0♉25'11	14°36	4° 5	13°49	24°37	17°33	10°35	4°57	12° 6	1°20	9°44	10°23	26°12	18°17	W13
T 14	13 58 45	1°23'22	26°38	4°55	14°55	25°22	17°45	10°31	4°59	12° 6	1°21	9°43	10°20	26°18	18°20	T 14
F 15	14 2 41	2°21'31	8♍32	5°48	16° 0	26° 6	17°58	10°27	5° 1	12° 6	1°22	9°43	10°17	26°25	18°23	F 15
S 16	14 6 38	3°19'37	20°22	6°45	17° 5	26°51	18°10	10°23	5° 4	12° 5	1°24	9°42	10°14	26°32	18°26	S 16
S 17	14 10 34	4°17'42	2♎12	7°44	18°10	27°35	18°22	10°19	5° 6	12° 5	1°25	9°41	10°11	26°38	18°28	S 17
M18	14 14 31	5°15'45	14° 4	8°47	19°15	28°20	18°34	10°15	5° 8	12° 5	1°26	9°40	10° 8	26°45	18°31	M18
T 19	14 18 27	6°13'46	26° 2	9°52	20°19	29° 4	18°46	10°11	5°10	12° 4	1°27	9°40	10° 4	26°52	18°34	T 19
W20	14 22 24	7°11'46	8♏ 8	11° 0	21°24	29°48	18°58	10° 7	5°12	12° 4	1°29	9°D40	10° 1	26°58	18°37	W20
T 21	14 26 20	8° 9'44	20°23	12°10	22°28	0♉32	19°10	10° 3	5°14	12° 3	1°30	9°40	9°58	27° 5	18°39	T 21
F 22	14 30 17	9° 7'40	2♐48	13°24	23°31	1°16	19°22	9°59	5°16	12° 3	1°31	9°40	9°55	27°12	18°42	F 22
S 23	14 34 14	10° 5'35	15°26	14°39	24°35	2° 0	19°34	9°56	5°18	12° 2	1°32	9°R40	9°52	27°18	18°45	S 23
S 24	14 38 10	11° 3'28	28°18	15°58	25°38	2°44	19°45	9°52	5°20	12° 2	1°33	9°40	9°48	27°25	18°47	S 24
M25	14 42 7	12° 1'21	11♑25	17°18	26°41	3°28	19°57	9°48	5°21	12° 1	1°35	9°40	9°45	27°32	18°50	M25
T 26	14 46 3	12°59'12	24°47	18°41	27°43	4°12	20° 8	9°45	5°23	12° 1	1°36	9°39	9°42	27°38	18°52	T 26
W27	14 50 0	13°57'01	8♒27	20° 6	28°46	4°56	20°20	9°42	5°25	12° 0	1°37	9°D39	9°39	27°45	18°55	W27
T 28	14 53 56	14°54'50	22°24	21°34	29°48	5°40	20°31	9°38	5°27	11°59	1°38	9°39	9°36	27°52	18°57	T 28
F 29	14 57 53	15°52'37	6♓37	23° 3	0♋50	6°24	20°42	9°35	5°28	11°59	1°39	9°39	9°33	27°59	18°59	F 29
S 30	15 1 49	16♉50'23	21♓ 4	24♈35	1♋51	7♉ 8	20♓53	9♎32	5♓30	11♑58	1♈40	9♉40	9♉29	28♍ 5	19♓ 2	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	7n22	17s22	5s 1	0s46	0s31	22n19	2n 3	5n40	0s34	6s54	1s 3	1s59	2n47	10s36	0s44	22s13	0n45	14s44	16s34	14n49	15n11	5n28	1s 0	4n14
S 2	7 44	11 25	4 28	1 0	0 45	22 36	2 6	5 58	0 33	6 49	1 3	1 57	2 47	10 35	0 44	22 13	0 45	14 43	16 34	14 48	15 10	5 24	0 59	4 14
S 3	8 7	4 42	3 36	1 11	0 59	22 53	2 9	6 16	0 32	6 44	1 3	1 56	2 47	10 34	0 44	22 13	0 45	14 43	16 34	14 47	15 9	5 21	0 58	4 14
M 4	8 29	2n19	2 29	1 19	1 12	23 9	2 12	6 33	0 32	6 39	1 3	1 54	2 47	10 33	0 44	22 13	0 45	14 43	16 34	14 46	15 8	5 18	0 56	4 14
T 5	8 50	9 13	1 11	1 25	1 24	23 24	2 15	6 51	0 31	6 34	1 3	1 52	2 47	10 32	0 44	22 13	0 45	14 42	16 34	14 46	15 7	5 15	0 55	4 14
W 6	9 12	15 30	0n10	1 28	1 36	23 39	2 17	7 9	0 31	6 29	1 3	1 50	2 47	10 31	0 44	22 13	0 45	14 42	16 34	14 46	15 6	5 11	0 54	4 14
T 7	9 34	20 46	1 29	1 29	1 47	23 53	2 20	7 26	0 30	6 24	1 3	1 49	2 47	10 30	0 44	22 13	0 45	14 41	16 34	14 46	15 5	5 8	0 52	4 14
F 8	9 55	24 42	2 41	1 28	1 57	24 7	2 23	7 44	0 30	6 19	1 4	1 47	2 47	10 30	0 44	22 13	0 45	14 41	16 35	14 46	15 4	5 5	0 51	4 14
S 9	10 16	27 3	3 41	1 24	2 6	24 20	2 25	8 1	0 29	6 15	1 4	1 46	2 47	10 29	0 44	22 13	0 45	14 40	16 35	14 47	15 3	5 2	0 50	4 14
S 10	10 37	27 47	4 27	1 17	2 15	24 33	2 28	8 18	0 28	6 10	1 4	1 44	2 47	10 28	0 44	22 13	0 45	14 40	16 35	14 47	15 2	4 58	0 49	4 14
M11	10 58	26 58	4 58	1 9	2 22	24 45	2 30	8 36	0 28	6 5	1 4	1 42	2 47	10 27	0 44	22 13	0 45	14 40	16 35	14 47	15 1	4 55	0 47	4 14
T 12	11 19	24 48	5 14	0 58	2 29	24 56	2 33	8 53	0 27	6 0	1 4	1 41	2 47	10 26	0 44	22 13	0 45	14 39	16 35	14 47	15 0	4 52	0 46	4 14
W13	11 40	21 32	5 16	0 45	2 36	25 6	2 35	9 10	0 27	5 55	1 4	1 39	2 47	10 25	0 45	22 13	0 46	14 39	16 35	14 47	14 59	4 49	0 45	4 14
T 14	12 0	17 26	5 3	0 31	2 41	25 16	2 37	9 27	0 26	5 51	1 5	1 38	2 46	10 25	0 45	22 13	0 46	14 39	16 36	14 47	14 58	4 45	0 44	4 15
F 15	12 20	12 41	4 38	0 14	2 46	25 26	2 39	9 43	0 25	5 46	1 5	1 36	2 46	10 24	0 45	22 13	0 46	14 38	16 36	14 47	14 57	4 42	0 42	4 15
S 16	12 40	7 31	4 1	0n 5	2 50	25 35	2 41	10 0	0 25	5 41	1 5	1 35	2 46	10 23	0 45	22 13	0 46	14 38	16 36	14 46	14 56	4 39	0 41	4 15
S 17	13 0	2 5	3 13	0 25	2 54	25 43	2 43	10 17	0 24	5 37	1 5	1 33	2 46	10 22	0 45	22 13	0 46	14 38	16 36	14 46	14 55	4 36	0 40	4 15
M18	13 19	3s28	2 17	0 47	2 57	25 50	2 45	10 33	0 24	5 32	1 5	1 32	2 46	10 21	0 45	22 13	0 46	14 37	16 36	14 46	14 54	4 32	0 39	4 15
T 19	13 39	8 56	1 15	1 11	2 59	25 57	2 47	10 50	0 23	5 28	1 5	1 30	2 46	10 21	0 45	22 13	0 46	14 37	16 36	14 46	14 53	4 29	0 38	4 15
W20	13 58	14 8	0 9	1 36	3 0	26 3	2 49	11 6	0 22	5 23	1 6	1 29	2 46	10 20	0 45	22 13	0 46	14 37	16 37	14 46	14 52	4 26	0 36	4 15
T 21	14 17	18 51	0s59	2 3	3 1	26 9	2 50	11 22	0 22	5 19	1 6	1 27	2 46	10 19	0 45	22 13	0 46	14 36	16 37	14 46	14 51	4 23	0 35	4 15
F 22	14 35	22 50	2 5	2 32	3 1	26 14	2 52	11 38	0 21	5 14	1 6	1 26	2 45	10 19	0 45	22 13	0 46	14 36	16 37	14 46	14 50	4 19	0 34	4 15
S 23	14 54	25 48	3 6	3 1	3 0	26 18	2 53	11 54	0 20	5 10	1 6	1 25	2 45	10 18	0 45	22 13	0 46	14 36	16 37	14 46	14 49	4 16	0 33	4 16
S 24	15 12	27 29	3 58	3 33	2 59	26 21	2 54	12 9	0 20	5 5	1 6	1 23	2 45	10 17	0 45	22 13	0 46	14 36	16 38	14 46	14 48	4 13	0 32	4 16
M25	15 30	27 41	4 40	4 5	2 58	26 24	2 55	12 25	0 19	5 1	1 7	1 22	2 45	10 17	0 45	22 13	0 46	14 35	16 38	14 46	14 47	4 10	0 31	4 16
T 26	15 48	26 16	5 7	4 39	2 55	26 27	2 56	12 41	0 19	4 57	1 7	1 21	2 45	10 16	0 45	22 13	0 46	14 35	16 38	14 46	14 46	4 6	0 30	4 16
W27	16 5	23 19	5 17	5 14	2 52	26 29	2 57	12 56	0 18	4 52	1 7	1 20	2 45	10 15	0 45	22 14	0 46	14 35	16 38	14 45	14 45	4 3	0 29	4 16
T 28	16 22	18 58	5 9	5 50	2 49	26 30	2 58	13 11	0 17	4 48	1 7	1 19	2 45	10 15	0 45	22 14	0 46	14 35	16 38	14 46	14 44	4 0	0 28	4 16
F 29	16 39	13 29	4 43	6 27	2 45	26 30	2 59	13 26	0 17	4 44	1 7	1 18	2 44	10 14	0 45	22 14	0 46	14 34	16 39	14 46	14 43	3 57	0 26	4 16
S 30	16n56	7s12	3s58	7n 5	2s40	26n30	2n59	13n41	0s16	4s40	1s 7	1s16	2n44	10s14	0s45	22s14	0n46	14s34	16s39	14n46	14n42	3n53	0s25	4n17

Julian Day Number = 2208391.5, Delta T = 09m32s
Ecliptic obliquity = 23°31'40, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°27'16, Lahiri = 14°34'17 Julian Calendar 1 Apr. 1334 == Greg. Calendar 9 Apr. 1334

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ASTRODIENST EPHEMERIS for the year 1334
geocentric

MAY 1334 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	15 5 46	17♉48'08	5♈42	26♈ 9	2♋52	7♉51	21♓ 4	9°R29	5♓32	11°R57	1♈41	9♉41	9♉26	28♍12	19♓ 4	S 1
M 2	15 9 43	18°45'51	20°26	27°46	3°53	8°35	21°15	9♎26	5°33	11♑56	1°42	9°41	9°23	28°19	19° 6	M 2
T 3	15 13 39	19°43'34	5♉ 9	29°24	4°53	9°18	21°26	9°23	5°35	11°56	1°43	9°R42	9°20	28°25	19° 9	T 3
W 4	15 17 36	20°41'15	19°45	1♉ 5	5°53	10° 2	21°36	9°20	5°36	11°55	1°44	9°42	9°17	28°32	19°11	W 4
T 5	15 21 32	21°38'55	4♊ 7	2°48	6°53	10°45	21°47	9°17	5°37	11°54	1°45	9°41	9°14	28°39	19°13	T 5
F 6	15 25 29	22°36'34	18°10	4°33	7°52	11°29	21°57	9°14	5°39	11°53	1°46	9°40	9°10	28°45	19°15	F 6
S 7	15 29 25	23°34'12	1♋51	6°21	8°51	12°12	22° 8	9°12	5°40	11°52	1°47	9°38	9° 7	28°52	19°17	S 7
S 8	15 33 22	24°31'48	15° 9	8°10	9°49	12°55	22°18	9° 9	5°41	11°51	1°48	9°36	9° 4	28°59	19°19	S 8
M 9	15 37 19	25°29'22	28° 3	10° 2	10°47	13°39	22°28	9° 6	5°42	11°50	1°49	9°34	9° 1	29° 5	19°21	M 9
T 10	15 41 15	26°26'55	10♌37	11°56	11°45	14°22	22°38	9° 4	5°44	11°49	1°50	9°33	8°58	29°12	19°23	T 10
W11	15 45 12	27°24'27	22°53	13°52	12°42	15° 5	22°48	9° 2	5°45	11°48	1°51	9°D32	8°54	29°19	19°25	W11
T 12	15 49 8	28°21'57	4♍55	15°50	13°39	15°48	22°58	9° 0	5°46	11°47	1°52	9°32	8°51	29°25	19°26	T 12
F 13	15 53 5	29°19'26	16°49	17°50	14°35	16°31	23° 7	8°57	5°47	11°46	1°53	9°33	8°48	29°32	19°28	F 13
S 14	15 57 1	0♊16'53	28°39	19°52	15°31	17°14	23°17	8°55	5°48	11°45	1°54	9°34	8°45	29°39	19°30	S 14
S 15	16 0 58	1°14'20	10♎30	21°56	16°26	17°57	23°26	8°53	5°49	11°44	1°55	9°36	8°42	29°45	19°31	S 15
M16	16 4 54	2°11'45	22°26	24° 1	17°20	18°40	23°35	8°52	5°50	11°43	1°56	9°37	8°39	29°52	19°33	M16
T 17	16 8 51	3° 9'08	4♏31	26° 8	18°14	19°22	23°45	8°50	5°50	11°42	1°56	9°R38	8°35	29°59	19°35	T 17
W18	16 12 47	4° 6'31	16°46	28°17	19° 8	20° 5	23°54	8°48	5°51	11°40	1°57	9°38	8°32	0♎ 5	19°36	W18
T 19	16 16 44	5° 3'53	29°16	0♊26	20° 1	20°48	24° 3	8°47	5°52	11°39	1°58	9°37	8°29	0°12	19°38	T 19
F 20	16 20 41	6° 1'14	12♐ 0	2°37	20°53	21°30	24°11	8°45	5°53	11°38	1°59	9°34	8°26	0°19	19°39	F 20
S 21	16 24 37	6°58'34	24°59	4°48	21°45	22°13	24°20	8°44	5°53	11°37	2° 0	9°31	8°23	0°25	19°40	S 21
S 22	16 28 34	7°55'54	8♑13	7° 0	22°36	22°55	24°29	8°42	5°54	11°35	2° 0	9°27	8°20	0°32	19°42	S 22
M23	16 32 30	8°53'13	21°40	9°12	23°26	23°38	24°37	8°41	5°54	11°34	2° 1	9°22	8°16	0°39	19°43	M23
T 24	16 36 27	9°50'31	5♒21	11°24	24°15	24°20	24°45	8°40	5°55	11°33	2° 2	9°18	8°13	0°45	19°44	T 24
W25	16 40 23	10°47'49	19°11	13°36	25° 4	25° 3	24°53	8°39	5°55	11°32	2° 2	9°15	8°10	0°52	19°45	W25
T 26	16 44 20	11°45'06	3♓11	15°47	25°52	25°45	25° 1	8°38	5°56	11°30	2° 3	9°14	8° 7	0°59	19°46	T 26
F 27	16 48 17	12°42'23	17°19	17°57	26°39	26°27	25° 9	8°37	5°56	11°29	2° 4	9°D14	8° 4	1° 5	19°47	F 27
S 28	16 52 13	13°39'39	1♈33	20° 6	27°26	27° 9	25°17	8°37	5°56	11°27	2° 4	9°15	8° 0	1°12	19°48	S 28
S 29	16 56 10	14°36'56	15°50	22°13	28°11	27°52	25°25	8°36	5°57	11°26	2° 5	9°16	7°57	1°19	19°49	S 29
M30	17 0 6	15°34'11	0♉ 9	24°19	28°56	28°34	25°32	8°36	5°57	11°25	2° 5	9°17	7°54	1°26	19°50	M30
T 31	17 4 3	16♊31'27	14♉26	26♊24	29♋40	29♉16	25♓39	8♎35	5♓57	11♑23	2♈ 6	9°R17	7♉51	1♎32	19♓51	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17n12	0s27	2s58	7n44	2s35	26n29	3n 0	13n56	0s15	4s35	1s 8	1s15	2n44	10s13	0s45	22s14	0n46	14s34	16s39	14n46	14n41	3n50	0s24	4n17
M 2	17 28	6n24	1 45	8 24	2 29	26 28	3 0	14 11	0 15	4 31	1 8	1 14	2 44	10 13	0 45	22 14	0 46	14 34	16 40	14 46	14 40	3 47	0 23	4 17
T 3	17 44	12 53	0 25	9 5	2 23	26 26	3 0	14 25	0 14	4 27	1 8	1 13	2 44	10 12	0 45	22 14	0 46	14 34	16 40	14 46	14 39	3 43	0 22	4 17
W 4	17 59	18 38	0n55	9 46	2 16	26 24	3 0	14 40	0 14	4 23	1 8	1 12	2 44	10 12	0 45	22 14	0 46	14 33	16 40	14 46	14 38	3 40	0 21	4 17
T 5	18 15	23 12	2 11	10 29	2 9	26 20	3 0	14 54	0 13	4 19	1 9	1 11	2 43	10 11	0 45	22 14	0 46	14 33	16 40	14 46	14 37	3 37	0 20	4 17
F 6	18 29	26 16	3 17	11 11	2 1	26 17	3 0	15 8	0 12	4 15	1 9	1 11	2 43	10 11	0 45	22 14	0 46	14 33	16 41	14 46	14 36	3 34	0 19	4 17
S 7	18 44	27 41	4 10	11 55	1 53	26 13	2 59	15 22	0 12	4 11	1 9	1 10	2 43	10 10	0 45	22 14	0 46	14 33	16 41	14 45	14 35	3 30	0 19	4 18
S 8	18 58	27 26	4 48	12 38	1 44	26 8	2 58	15 36	0 11	4 8	1 9	1 9	2 43	10 10	0 45	22 14	0 46	14 33	16 41	14 44	14 34	3 27	0 18	4 18
M 9	19 12	25 41	5 10	13 23	1 35	26 2	2 58	15 50	0 10	4 4	1 9	1 8	2 43	10 9	0 45	22 14	0 46	14 33	16 41	14 44	14 33	3 24	0 17	4 18
T 10	19 26	22 42	5 16	14 7	1 26	25 56	2 57	16 3	0 10	4 0	1 10	1 7	2 42	10 9	0 45	22 14	0 46	14 33	16 42	14 43	14 32	3 20	0 16	4 18
W11	19 39	18 46	5 7	14 51	1 16	25 50	2 56	16 16	0 9	3 56	1 10	1 7	2 42	10 9	0 45	22 14	0 46	14 33	16 42	14 43	14 31	3 17	0 15	4 18
T 12	19 52	14 10	4 46	15 35	1 6	25 43	2 54	16 30	0 8	3 53	1 10	1 6	2 42	10 8	0 46	22 15	0 46	14 32	16 42	14 43	14 30	3 14	0 14	4 18
F 13	20 5	9 5	4 12	16 19	0 56	25 36	2 53	16 43	0 8	3 49	1 10	1 5	2 42	10 8	0 46	22 15	0 46	14 32	16 43	14 44	14 29	3 11	0 13	4 19
S 14	20 17	3 42	3 27	17 3	0 45	25 28	2 52	16 56	0 7	3 45	1 11	1 5	2 41	10 8	0 46	22 15	0 46	14 32	16 43	14 44	14 28	3 7	0 12	4 19
S 15	20 29	1s49	2 34	17 46	0 35	25 19	2 50	17 8	0 7	3 42	1 11	1 4	2 41	10 7	0 46	22 15	0 46	14 32	16 43	14 44	14 27	3 4	0 12	4 19
M16	20 41	7 19	1 33	18 28	0 24	25 10	2 48	17 21	0 6	3 38	1 11	1 4	2 41	10 7	0 46	22 15	0 46	14 32	16 44	14 45	14 26	3 1	0 11	4 19
T 17	20 52	12 38	0 28	19 9	0 13	25 1	2 46	17 33	0 5	3 35	1 11	1 3	2 41	10 7	0 46	22 15	0 46	14 32	16 44	14 45	14 25	2 57	0 10	4 19
W18	21 3	17 32	0s39	19 49	0 2	24 51	2 43	17 45	0 5	3 32	1 11	1 3	2 41	10 6	0 46	22 15	0 46	14 32	16 44	14 45	14 24	2 54	0 9	4 19
T 19	21 13	21 47	1 46	20 27	0n 8	24 41	2 41	17 57	0 4	3 28	1 12	1 2	2 40	10 6	0 46	22 15	0 46	14 32	16 45	14 45	14 23	2 51	0 9	4 20
F 20	21 23	25 5	2 48	21 4	0 19	24 30	2 38	18 9	0 3	3 25	1 12	1 2	2 40	10 6	0 46	22 15	0 46	14 32	16 45	14 44	14 22	2 48	0 8	4 20
S 21	21 33	27 9	3 43	21 39	0 29	24 19	2 35	18 21	0 3	3 22	1 12	1 1	2 40	10 6	0 46	22 15	0 46	14 32	16 45	14 43	14 21	2 44	0 7	4 20
S 22	21 43	27 43	4 28	22 12	0 39	24 8	2 32	18 32	0 2	3 19	1 12	1 1	2 40	10 6	0 46	22 15	0 46	14 32	16 46	14 41	14 20	2 41	0 7	4 20
M23	21 52	26 40	4 58	22 43	0 49	23 56	2 29	18 44	0 1	3 15	1 13	1 1	2 39	10 5	0 46	22 16	0 46	14 32	16 46	14 40	14 19	2 38	0 6	4 20
T 24	22 0	24 2	5 12	23 11	0 58	23 44	2 25	18 55	0 1	3 12	1 13	1 1	2 39	10 5	0 46	22 16	0 46	14 32	16 46	14 39	14 18	2 34	0 5	4 20
W25	22 9	19 59	5 8	23 37	1 6	23 31	2 22	19 6	0 0	3 9	1 13	1 1	2 39	10 5	0 46	22 16	0 46	14 32	16 47	14 38	14 17	2 31	0 5	4 21
T 26	22 17	14 48	4 46	24 0	1 15	23 18	2 18	19 17	0n 1	3 6	1 13	1 0	2 39	10 5	0 46	22 16	0 46	14 32	16 47	14 37	14 16	2 28	0 4	4 21
F 27	22 24	8 48	4 6	24 20	1 22	23 5	2 13	19 27	0 1	3 4	1 14	1 0	2 38	10 5	0 46	22 16	0 46	14 32	16 47	14 37	14 15	2 24	0 3	4 21
S 28	22 31	2 18	3 11	24 38	1 29	22 52	2 9	19 38	0 2	3 1	1 14	1 0	2 38	10 5	0 46	22 16	0 46	14 32	16 48	14 38	14 14	2 21	0 3	4 21
S 29	22 38	4n21	2 4	24 53	1 35	22 38	2 4	19 48	0 3	2 58	1 14	1 0	2 38	10 5	0 46	22 16	0 46	14 33	16 48	14 38	14 13	2 18	0 2	4 21
M30	22 45	10 48	0 50	25 5	1 41	22 24	2 0	19 58	0 3	2 55	1 14	1 0	2 38	10 5	0 46	22 16	0 46	14 33	16 48	14 38	14 12	2 14	0 2	4 22
T 31	22n51	16n41	0n28	25n14	1n45	22n10	1n54	20n 8	0n 4	2s53	1s15	1s 0	2n37	10s 5	0s46	22s16	0n46	14s33	16s49	14n38	14n11	2n11	0s 1	4n22

Julian Day Number = 2208421.5, Delta T = 09m32s
Ecliptic obliquity = 23°31'40, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°27'21, Lahiri = 14°34'21 Julian Calendar 1 May 1334 == Greg. Calendar 9 May 1334

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ASTRODIENST EPHEMERIS for the year 1334
geocentric

JUNE 1334 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	17 7 59	17♊28'42	28♉38	28♊27	0♌23	29♉58	25♓46	8°R35	5♓57	11°R22	2♈ 6	9°R16	7♉48	1♎39	19♓52	W 1
T 2	17 11 56	18°25'57	12♊40	0♋28	1° 5	0♊40	25°53	8♎35	5°57	11♑20	2° 7	9♉13	7°45	1°46	19°53	T 2
F 3	17 15 52	19°23'12	26°28	2°27	1°46	1°22	26° 0	8°34	5°R57	11°19	2° 7	9° 8	7°41	1°52	19°53	F 3
S 4	17 19 49	20°20'26	9♋59	4°23	2°25	2° 3	26° 7	8°D34	5°57	11°17	2° 8	9° 1	7°38	1°59	19°54	S 4
S 5	17 23 46	21°17'40	23°11	6°18	3° 4	2°45	26°13	8°35	5°57	11°16	2° 8	8°54	7°35	2° 6	19°55	S 5
M 6	17 27 42	22°14'53	6♌ 3	8°11	3°42	3°27	26°20	8°35	5°57	11°14	2° 9	8°47	7°32	2°12	19°55	M 6
T 7	17 31 39	23°12'06	18°35	10° 1	4°18	4° 9	26°26	8°35	5°57	11°13	2° 9	8°41	7°29	2°19	19°56	T 7
W 8	17 35 35	24° 9'17	0♍51	11°50	4°53	4°50	26°32	8°35	5°57	11°11	2°10	8°37	7°26	2°26	19°56	W 8
T 9	17 39 32	25° 6'29	12°54	13°36	5°27	5°32	26°38	8°36	5°56	11°10	2°10	8°34	7°22	2°32	19°56	T 9
F 10	17 43 28	26° 3'40	24°48	15°19	5°59	6°13	26°44	8°36	5°56	11° 8	2°10	8°D33	7°19	2°39	19°57	F 10
S 11	17 47 25	27° 0'50	6♎39	17° 1	6°31	6°55	26°49	8°37	5°56	11° 7	2°10	8°34	7°16	2°46	19°57	S 11
S 12	17 51 21	27°58'00	18°30	18°40	7° 0	7°36	26°54	8°38	5°55	11° 5	2°11	8°35	7°13	2°52	19°57	S 12
M13	17 55 18	28°55'10	0♏28	20°18	7°28	8°17	27° 0	8°39	5°55	11° 4	2°11	8°36	7°10	2°59	19°57	M13
T 14	17 59 15	29°52'20	12°37	21°53	7°55	8°59	27° 5	8°40	5°54	11° 2	2°11	8°R36	7° 6	3° 6	19°57	T 14
W15	18 3 11	0♋49'29	25° 1	23°25	8°20	9°40	27°10	8°41	5°54	11° 0	2°12	8°35	7° 3	3°12	19°R57	W15
T 16	18 7 8	1°46'38	7♐43	24°56	8°43	10°21	27°14	8°42	5°53	10°59	2°12	8°31	7° 0	3°19	19°57	T 16
F 17	18 11 4	2°43'47	20°44	26°24	9° 5	11° 2	27°19	8°43	5°52	10°57	2°12	8°26	6°57	3°26	19°57	F 17
S 18	18 15 1	3°40'56	4♑ 5	27°50	9°24	11°43	27°23	8°45	5°52	10°56	2°12	8°18	6°54	3°32	19°57	S 18
S 19	18 18 57	4°38'05	17°44	29°13	9°42	12°24	27°27	8°46	5°51	10°54	2°12	8° 9	6°51	3°39	19°57	S 19
M20	18 22 54	5°35'14	1♒38	0♌34	9°58	13° 5	27°31	8°48	5°50	10°52	2°12	8° 0	6°47	3°46	19°57	M20
T 21	18 26 51	6°32'24	15°43	1°53	10°12	13°46	27°35	8°49	5°49	10°51	2°12	7°52	6°44	3°52	19°57	T 21
W22	18 30 47	7°29'34	29°54	3° 9	10°24	14°27	27°39	8°51	5°48	10°49	2°12	7°45	6°41	3°59	19°56	W22
T 23	18 34 44	8°26'44	14♓ 8	4°23	10°34	15° 8	27°42	8°53	5°48	10°48	2°13	7°41	6°38	4° 6	19°56	T 23
F 24	18 38 40	9°23'54	28°21	5°34	10°42	15°49	27°46	8°55	5°47	10°46	2°13	7°38	6°35	4°12	19°55	F 24
S 25	18 42 37	10°21'06	12♈31	6°43	10°47	16°29	27°49	8°57	5°46	10°44	2°R13	7°D38	6°32	4°19	19°55	S 25
S 26	18 46 33	11°18'17	26°37	7°49	10°51	17°10	27°52	8°59	5°45	10°43	2°13	7°38	6°28	4°26	19°54	S 26
M27	18 50 30	12°15'30	10♉37	8°52	10°R52	17°51	27°54	9° 1	5°43	10°41	2°12	7°R39	6°25	4°32	19°54	M27
T 28	18 54 26	13°12'43	24°31	9°52	10°51	18°31	27°57	9° 3	5°42	10°40	2°12	7°37	6°22	4°39	19°53	T 28
W29	18 58 23	14° 9'57	8♊17	10°49	10°47	19°12	27°59	9° 6	5°41	10°38	2°12	7°34	6°19	4°46	19°52	W29
T 30	19 2 20	15♋ 7'12	21♊54	11♌43	10♌41	19♊52	28♓ 1	9♎ 8	5♓40	10♑36	2♈12	7♉28	6♉16	4♎52	19♓52	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	22n56	21n36	1n43	25n21	1n50	21n55	1n49	20n17	0n 4	2s50	1s15	1s 0	2n37	10s 5	0s46	22s17	0n46	14s33	16s49	14n38	14n10	2n 8	0s 1	4n22
T 2	23 1	25 14	2 51	25 24	1 53	21 40	1 43	20 27	0 5	2 47	1 15	1 1	2 37	10 5	0 46	22 17	0 46	14 33	16 49	14 37	14 9	2 4	0 0	4 22
F 3	23 6	27 17	3 48	25 26	1 55	21 26	1 38	20 36	0 6	2 45	1 16	1 1	2 37	10 5	0 46	22 17	0 46	14 33	16 50	14 35	14 8	2 1	0n 0	4 22
S 4	23 10	27 39	4 31	25 24	1 57	21 10	1 31	20 45	0 6	2 43	1 16	1 1	2 36	10 5	0 46	22 17	0 46	14 33	16 50	14 33	14 7	1 58	0 1	4 23
S 5	23 14	26 25	4 57	25 21	1 58	20 55	1 25	20 54	0 7	2 40	1 16	1 1	2 36	10 5	0 46	22 17	0 46	14 33	16 50	14 31	14 6	1 55	0 1	4 23
M 6	23 18	23 48	5 9	25 15	1 59	20 40	1 18	21 3	0 8	2 38	1 16	1 2	2 36	10 5	0 47	22 17	0 46	14 34	16 51	14 29	14 4	1 51	0 1	4 23
T 7	23 21	20 7	5 4	25 7	1 58	20 25	1 11	21 11	0 8	2 36	1 17	1 2	2 36	10 5	0 47	22 17	0 46	14 34	16 51	14 27	14 3	1 48	0 2	4 23
W 8	23 24	15 40	4 46	24 57	1 57	20 9	1 4	21 20	0 9	2 34	1 17	1 2	2 35	10 5	0 47	22 18	0 46	14 34	16 51	14 26	14 2	1 45	0 2	4 23
T 9	23 26	10 40	4 16	24 45	1 56	19 53	0 57	21 28	0 10	2 31	1 17	1 3	2 35	10 5	0 47	22 18	0 46	14 34	16 52	14 25	14 1	1 41	0 2	4 23
F 10	23 28	5 21	3 34	24 31	1 53	19 38	0 49	21 36	0 10	2 29	1 18	1 3	2 35	10 5	0 47	22 18	0 46	14 34	16 52	14 24	14 0	1 38	0 3	4 24
S 11	23 30	0s 8	2 44	24 16	1 51	19 22	0 41	21 43	0 11	2 28	1 18	1 4	2 35	10 6	0 47	22 18	0 46	14 35	16 53	14 25	13 59	1 35	0 3	4 24
S 12	23 31	5 38	1 46	23 59	1 47	19 7	0 32	21 51	0 12	2 26	1 18	1 4	2 34	10 6	0 47	22 18	0 46	14 35	16 53	14 25	13 58	1 31	0 3	4 24
M13	23 31	11 0	0 44	23 41	1 43	18 51	0 23	21 58	0 12	2 24	1 18	1 5	2 34	10 6	0 47	22 18	0 46	14 35	16 53	14 25	13 57	1 28	0 3	4 24
T 14	23 32	16 1	0s22	23 21	1 38	18 35	0 14	22 5	0 13	2 22	1 19	1 5	2 34	10 6	0 47	22 18	0 46	14 35	16 54	14 25	13 56	1 25	0 4	4 24
W15	23 32	20 30	1 27	23 0	1 32	18 20	0 5	22 12	0 14	2 20	1 19	1 6	2 34	10 7	0 47	22 18	0 46	14 36	16 54	14 25	13 55	1 21	0 4	4 25
T 16	23 31	24 8	2 30	22 38	1 26	18 4	0s 5	22 19	0 14	2 19	1 19	1 7	2 33	10 7	0 47	22 19	0 46	14 36	16 54	14 24	13 54	1 18	0 4	4 25
F 17	23 30	26 38	3 26	22 16	1 20	17 49	0 15	22 26	0 15	2 17	1 20	1 8	2 33	10 7	0 47	22 19	0 46	14 36	16 55	14 22	13 53	1 15	0 4	4 25
S 18	23 29	27 40	4 13	21 52	1 13	17 34	0 25	22 32	0 16	2 16	1 20	1 8	2 33	10 7	0 47	22 19	0 46	14 36	16 55	14 20	13 52	1 11	0 4	4 25
S 19	23 27	27 4	4 46	21 27	1 5	17 19	0 36	22 38	0 16	2 14	1 20	1 9	2 33	10 8	0 47	22 19	0 46	14 37	16 56	14 17	13 51	1 8	0 4	4 25
M20	23 25	24 47	5 3	21 2	0 57	17 4	0 46	22 44	0 17	2 13	1 20	1 10	2 32	10 8	0 47	22 19	0 46	14 37	16 56	14 14	13 50	1 5	0 4	4 26
T 21	23 22	20 59	5 2	20 36	0 49	16 50	0 58	22 50	0 17	2 12	1 21	1 11	2 32	10 8	0 47	22 19	0 46	14 37	16 56	14 11	13 49	1 1	0 4	4 26
W22	23 19	15 57	4 42	20 10	0 40	16 35	1 9	22 55	0 18	2 11	1 21	1 12	2 32	10 9	0 47	22 19	0 46	14 38	16 57	14 9	13 48	0 58	0 4	4 26
T 23	23 15	10 2	4 6	19 44	0 30	16 21	1 21	23 0	0 19	2 10	1 21	1 13	2 32	10 9	0 47	22 20	0 46	14 38	16 57	14 7	13 47	0 55	0 4	4 26
F 24	23 12	3 37	3 14	19 17	0 20	16 7	1 33	23 5	0 19	2 8	1 22	1 14	2 31	10 9	0 47	22 20	0 46	14 38	16 57	14 7	13 46	0 51	0 4	4 26
S 25	23 7	2n58	2 10	18 50	0 10	15 54	1 46	23 10	0 20	2 8	1 22	1 15	2 31	10 10	0 47	22 20	0 46	14 38	16 58	14 6	13 45	0 48	0 4	4 26
S 26	23 3	9 23	0 59	18 23	0s 0	15 41	1 58	23 15	0 21	2 7	1 22	1 16	2 31	10 10	0 47	22 20	0 46	14 39	16 58	14 7	13 44	0 45	0 4	4 27
M27	22 58	15 19	0n16	17 55	0 12	15 28	2 11	23 19	0 21	2 6	1 23	1 17	2 31	10 11	0 47	22 20	0 46	14 39	16 58	14 7	13 43	0 41	0 4	4 27
T 28	22 52	20 24	1 29	17 28	0 23	15 16	2 24	23 24	0 22	2 5	1 23	1 18	2 30	10 11	0 47	22 20	0 46	14 40	16 59	14 6	13 42	0 38	0 4	4 27
W29	22 46	24 19	2 35	17 2	0 35	15 4	2 38	23 28	0 23	2 4	1 23	1 19	2 30	10 12	0 47	22 20	0 46	14 40	16 59	14 5	13 40	0 35	0 4	4 27
T 30	22n40	26n49	3n32	16n35	0s47	14n52	2s51	23n32	0n23	2s 4	1s23	1s20	2n30	10s12	0s47	22s21	0n46	14s40	17s 0	14n 3	13n39	0n31	0n 4	4n27

Julian Day Number = 2208452.5, Delta T = 09m32s
Ecliptic obliquity = 23°31'39, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°27'25, Lahiri = 14°34'25 Julian Calendar 1 June 1334 == Greg. Calendar 9 June 1334

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ASTRODIENST EPHEMERIS for the year 1334
geocentric

JULY 1334 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	19 6 16	16♋ 4'27	5♋20	12♌34	10°R33	20♊33	28♓ 3	9♎11	5°R39	10°R35	2°R12	7°R20	6♉12	4♎59	19°R51	F 1
S 2	19 10 13	17° 1'42	18°33	13°21	10♌22	21°13	28° 5	9°14	5♓37	10♑33	2♈12	7♉ 9	6° 9	5° 6	19♓50	S 2
S 3	19 14 9	17°58'59	1♌31	14° 5	10° 9	21°53	28° 7	9°16	5°36	10°31	2°12	6°57	6° 6	5°12	19°49	S 3
M 4	19 18 6	18°56'15	14°13	14°45	9°54	22°34	28° 8	9°19	5°35	10°30	2°12	6°45	6° 3	5°19	19°48	M 4
T 5	19 22 2	19°53'32	26°40	15°22	9°37	23°14	28° 9	9°22	5°33	10°28	2°11	6°35	6° 0	5°26	19°47	T 5
W 6	19 25 59	20°50'50	8♍52	15°54	9°17	23°54	28°10	9°25	5°32	10°27	2°11	6°26	5°57	5°32	19°46	W 6
T 7	19 29 55	21°48'08	20°52	16°23	8°54	24°34	28°11	9°28	5°30	10°25	2°11	6°20	5°53	5°39	19°45	T 7
F 8	19 33 52	22°45'26	2♎44	16°47	8°30	25°14	28°12	9°32	5°29	10°24	2°11	6°16	5°50	5°46	19°44	F 8
S 9	19 37 49	23°42'45	14°33	17° 6	8° 4	25°54	28°12	9°35	5°27	10°22	2°10	6°14	5°47	5°52	19°42	S 9
S 10	19 41 45	24°40'04	26°24	17°21	7°36	26°34	28°12	9°38	5°26	10°20	2°10	6°D14	5°44	5°59	19°41	S 10
M11	19 45 42	25°37'24	8♏21	17°31	7° 6	27°14	28°R12	9°42	5°24	10°19	2°10	6°R14	5°41	6° 6	19°40	M11
T 12	19 49 38	26°34'44	20°32	17°36	6°34	27°54	28°12	9°45	5°22	10°17	2° 9	6°14	5°38	6°12	19°38	T 12
W13	19 53 35	27°32'05	2♐59	17°R36	6° 1	28°34	28°12	9°49	5°20	10°16	2° 9	6°11	5°34	6°19	19°37	W13
T 14	19 57 31	28°29'27	15°48	17°31	5°26	29°13	28°11	9°53	5°19	10°14	2° 9	6° 7	5°31	6°26	19°36	T 14
F 15	20 1 28	29°26'50	29° 1	17°21	4°51	29°53	28°10	9°56	5°17	10°13	2° 8	5°59	5°28	6°32	19°34	F 15
S 16	20 5 24	0♌24'13	12♑38	17° 5	4°15	0♋33	28° 9	10° 0	5°15	10°11	2° 8	5°50	5°25	6°39	19°33	S 16
S 17	20 9 21	1°21'37	26°38	16°45	3°38	1°12	28° 8	10° 4	5°13	10°10	2° 7	5°39	5°22	6°46	19°31	S 17
M18	20 13 18	2°19'02	10♒57	16°19	3° 0	1°52	28° 7	10° 8	5°11	10° 8	2° 7	5°27	5°18	6°52	19°29	M18
T 19	20 17 14	3°16'28	25°28	15°49	2°23	2°31	28° 5	10°12	5°10	10° 7	2° 6	5°16	5°15	6°59	19°28	T 19
W20	20 21 11	4°13'55	10♓ 4	15°14	1°46	3°11	28° 4	10°17	5° 8	10° 5	2° 6	5° 8	5°12	7° 6	19°26	W20
T 21	20 25 7	5°11'24	24°39	14°35	1° 9	3°50	28° 2	10°21	5° 6	10° 4	2° 5	5° 1	5° 9	7°12	19°24	T 21
F 22	20 29 4	6° 8'53	9♈ 7	13°53	0°32	4°29	27°59	10°25	5° 4	10° 2	2° 5	4°58	5° 6	7°19	19°22	F 22
S 23	20 33 0	7° 6'25	23°25	13° 8	29♋57	5° 9	27°57	10°30	5° 2	10° 1	2° 4	4°56	5° 3	7°26	19°20	S 23
S 24	20 36 57	8° 3'57	7♉30	12°20	29°22	5°48	27°55	10°34	5° 0	10° 0	2° 3	4°56	4°59	7°32	19°19	S 24
M25	20 40 53	9° 1'31	21°22	11°31	28°49	6°27	27°52	10°39	4°58	9°58	2° 3	4°56	4°56	7°39	19°17	M25
T 26	20 44 50	9°59'07	5♊ 1	10°42	28°17	7° 6	27°49	10°43	4°56	9°57	2° 2	4°54	4°53	7°46	19°15	T 26
W27	20 48 47	10°56'45	18°28	9°53	27°47	7°45	27°46	10°48	4°53	9°56	2° 2	4°51	4°50	7°52	19°13	W27
T 28	20 52 43	11°54'23	1♋43	9° 6	27°19	8°24	27°43	10°53	4°51	9°54	2° 1	4°44	4°47	7°59	19°11	T 28
F 29	20 56 40	12°52'04	14°47	8°21	26°52	9° 3	27°39	10°58	4°49	9°53	2° 0	4°34	4°44	8° 6	19° 9	F 29
S 30	21 0 36	13°49'46	27°39	7°39	26°28	9°42	27°35	11° 3	4°47	9°52	1°59	4°23	4°40	8°12	19° 6	S 30
S 31	21 4 33	14♌47'29	10♌19	7♌ 1	26♋ 6	10♋21	27♓32	11♎ 8	4♓45	9♑50	1♈59	4♉10	4♉37	8♎19	19♓ 4	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22n33	27n42	4n17	16n 9	0s59	14n41	3s 5	23n35	0n24	2s 3	1s24	1s22	2n30	10s13	0s47	22s21	0n46	14s41	17s 0	14n 0	13n38	0n28	0n 4	4n28
S 2	22 26	26 58	4 46	15 44	1 12	14 31	3 19	23 39	0 25	2 3	1 24	1 23	2 29	10 13	0 47	22 21	0 46	14 41	17 0	13 57	13 37	0 25	0 4	4 28
S 3	22 19	24 46	5 0	15 19	1 25	14 21	3 33	23 42	0 25	2 3	1 24	1 24	2 29	10 14	0 47	22 21	0 46	14 41	17 1	13 53	13 36	0 21	0 3	4 28
M 4	22 11	21 23	4 59	14 55	1 38	14 11	3 47	23 45	0 26	2 2	1 25	1 26	2 29	10 14	0 48	22 21	0 46	14 42	17 1	13 49	13 35	0 18	0 3	4 28
T 5	22 3	17 7	4 44	14 31	1 51	14 3	4 1	23 48	0 27	2 2	1 25	1 27	2 29	10 15	0 48	22 21	0 46	14 42	17 1	13 46	13 34	0 15	0 3	4 28
W 6	21 54	12 13	4 15	14 9	2 4	13 54	4 15	23 50	0 27	2 2	1 25	1 28	2 28	10 15	0 48	22 21	0 46	14 43	17 2	13 43	13 33	0 11	0 3	4 28
T 7	21 45	6 56	3 36	13 48	2 18	13 46	4 29	23 53	0 28	2 2	1 26	1 30	2 28	10 16	0 48	22 22	0 46	14 43	17 2	13 41	13 32	0 8	0 2	4 28
F 8	21 36	1 28	2 48	13 28	2 31	13 39	4 43	23 55	0 28	2 2	1 26	1 31	2 28	10 16	0 48	22 22	0 46	14 44	17 2	13 40	13 31	0 4	0 2	4 29
S 9	21 26	4s 2	1 52	13 9	2 44	13 33	4 56	23 57	0 29	2 2	1 26	1 33	2 28	10 17	0 48	22 22	0 46	14 44	17 3	13 39	13 30	0 1	0 2	4 29
S 10	21 16	9 25	0 52	12 52	2 57	13 27	5 10	23 59	0 30	2 2	1 27	1 34	2 27	10 18	0 48	22 22	0 46	14 44	17 3	13 39	13 29	0s 2	0 1	4 29
M11	21 6	14 31	0s11	12 37	3 10	13 22	5 23	24 0	0 30	2 3	1 27	1 36	2 27	10 18	0 48	22 22	0 46	14 45	17 3	13 39	13 28	0 6	0 1	4 29
T 12	20 55	19 9	1 15	12 23	3 23	13 17	5 35	24 2	0 31	2 3	1 27	1 38	2 27	10 19	0 48	22 22	0 46	14 45	17 4	13 39	13 27	0 9	0 1	4 29
W13	20 44	23 4	2 17	12 12	3 36	13 13	5 48	24 3	0 32	2 3	1 27	1 39	2 27	10 20	0 48	22 22	0 46	14 46	17 4	13 38	13 26	0 12	0 0	4 29
T 14	20 32	25 58	3 13	12 2	3 47	13 10	6 0	24 4	0 32	2 4	1 28	1 41	2 27	10 20	0 48	22 22	0 46	14 46	17 5	13 36	13 25	0 16	0s 0	4 30
F 15	20 21	27 32	4 1	11 54	3 59	13 7	6 11	24 5	0 33	2 5	1 28	1 43	2 26	10 21	0 48	22 23	0 45	14 47	17 5	13 34	13 24	0 19	0 1	4 30
S 16	20 8	27 31	4 37	11 49	4 9	13 5	6 22	24 5	0 34	2 5	1 28	1 44	2 26	10 22	0 48	22 23	0 45	14 47	17 5	13 31	13 22	0 22	0 1	4 30
S 17	19 56	25 45	4 57	11 46	4 19	13 3	6 32	24 6	0 34	2 6	1 29	1 46	2 26	10 22	0 48	22 23	0 45	14 48	17 6	13 27	13 21	0 26	0 2	4 30
M18	19 43	22 20	4 59	11 45	4 27	13 3	6 41	24 6	0 35	2 7	1 29	1 48	2 26	10 23	0 48	22 23	0 45	14 48	17 6	13 23	13 20	0 29	0 2	4 30
T 19	19 30	17 30	4 42	11 47	4 35	13 2	6 50	24 6	0 36	2 8	1 29	1 50	2 26	10 24	0 48	22 23	0 45	14 49	17 6	13 20	13 19	0 32	0 3	4 30
W20	19 16	11 38	4 7	11 51	4 41	13 3	6 58	24 6	0 36	2 9	1 30	1 51	2 25	10 25	0 48	22 23	0 45	14 49	17 6	13 17	13 18	0 36	0 3	4 30
T 21	19 2	5 7	3 16	11 58	4 45	13 3	7 5	24 5	0 37	2 10	1 30	1 53	2 25	10 25	0 48	22 23	0 45	14 50	17 7	13 15	13 17	0 39	0 4	4 30
F 22	18 48	1n37	2 12	12 7	4 48	13 5	7 12	24 5	0 37	2 11	1 30	1 55	2 25	10 26	0 48	22 24	0 45	14 50	17 7	13 13	13 16	0 42	0 4	4 31
S 23	18 34	8 11	1 1	12 18	4 50	13 7	7 17	24 4	0 38	2 12	1 30	1 57	2 25	10 27	0 48	22 24	0 45	14 51	17 7	13 13	13 15	0 46	0 5	4 31
S 24	18 19	14 17	0n14	12 32	4 49	13 9	7 22	24 3	0 39	2 13	1 31	1 59	2 24	10 28	0 48	22 24	0 45	14 51	17 8	13 13	13 14	0 49	0 6	4 31
M25	18 4	19 33	1 26	12 47	4 47	13 11	7 26	24 2	0 39	2 15	1 31	2 1	2 24	10 28	0 48	22 24	0 45	14 52	17 8	13 13	13 13	0 52	0 6	4 31
T 26	17 49	23 42	2 32	13 5	4 43	13 15	7 29	24 0	0 40	2 16	1 31	2 3	2 24	10 29	0 48	22 24	0 45	14 52	17 8	13 12	13 12	0 56	0 7	4 31
W27	17 33	26 29	3 28	13 23	4 37	13 18	7 31	23 59	0 41	2 18	1 32	2 5	2 24	10 30	0 48	22 24	0 45	14 53	17 9	13 11	13 11	0 59	0 8	4 31
T 28	17 17	27 44	4 13	13 43	4 29	13 22	7 33	23 57	0 41	2 19	1 32	2 7	2 24	10 31	0 48	22 24	0 45	14 53	17 9	13 9	13 10	1 3	0 8	4 31
F 29	17 1	27 23	4 43	14 4	4 20	13 26	7 34	23 55	0 42	2 21	1 32	2 9	2 23	10 32	0 48	22 24	0 45	14 54	17 9	13 6	13 9	1 6	0 9	4 31
S 30	16 44	25 35	4 58	14 25	4 8	13 30	7 34	23 53	0 43	2 22	1 32	2 11	2 23	10 32	0 48	22 25	0 45	14 54	17 10	13 2	13 8	1 9	0 10	4 31
S 31	16n27	22n30	4n59	14n47	3s56	13n35	7s33	23n50	0n43	2s24	1s33	2s13	2n23	10s33	0s48	22s25	0n45	14s55	17s10	12n57	13n 6	1s13	0s11	4n32

Julian Day Number = 2208482.5, Delta T = 09m32s
Ecliptic obliquity = 23°31'39, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°27'29, Lahiri = 14°34'29 Julian Calendar 1 July 1334 == Greg. Calendar 9 July 1334

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ASTRODIENST EPHEMERIS for the year 1334
geocentric

AUGUST 1334 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	21 8 29	15♌45'13	22♌47	6°R28	25°R45	11♋ 0	27°R28	11♎13	4°R43	9°R49	1°R58	3°R57	4♉34	8♎26	19°R 2	M 1
T 2	21 12 26	16°42'59	5♍ 3	6♌ 1	25♋28	11°39	27♓23	11°18	4♓40	9♑48	1♈57	3♉45	4°31	8°32	19♓ 0	T 2
W 3	21 16 22	17°40'46	17° 8	5°41	25°12	12°18	27°19	11°23	4°38	9°47	1°56	3°35	4°28	8°39	18°58	W 3
T 4	21 20 19	18°38'34	29° 3	5°27	24°59	12°56	27°14	11°28	4°36	9°46	1°56	3°28	4°24	8°46	18°55	T 4
F 5	21 24 16	19°36'24	10♎53	5°D20	24°48	13°35	27°10	11°33	4°33	9°44	1°55	3°23	4°21	8°52	18°53	F 5
S 6	21 28 12	20°34'15	22°40	5°21	24°39	14°14	27° 5	11°39	4°31	9°43	1°54	3°21	4°18	8°59	18°51	S 6
S 7	21 32 9	21°32'07	4♏29	5°30	24°33	14°52	27° 0	11°44	4°29	9°42	1°53	3°D20	4°15	9° 5	18°48	S 7
M 8	21 36 5	22°30'01	16°24	5°47	24°30	15°31	26°55	11°50	4°27	9°41	1°52	3°R21	4°12	9°12	18°46	M 8
T 9	21 40 2	23°27'56	28°33	6°12	24°D28	16° 9	26°49	11°55	4°24	9°40	1°51	3°21	4° 9	9°19	18°43	T 9
W10	21 43 58	24°25'52	10♐59	6°44	24°29	16°47	26°44	12° 1	4°22	9°39	1°51	3°19	4° 5	9°25	18°41	W10
T 11	21 47 55	25°23'50	23°48	7°25	24°33	17°26	26°38	12° 7	4°20	9°38	1°50	3°16	4° 2	9°32	18°38	T 11
F 12	21 51 51	26°21'49	7♑ 3	8°13	24°38	18° 4	26°32	12°12	4°17	9°37	1°49	3°11	3°59	9°39	18°36	F 12
S 13	21 55 48	27°19'50	20°46	9° 9	24°46	18°42	26°26	12°18	4°15	9°36	1°48	3° 3	3°56	9°45	18°33	S 13
S 14	21 59 45	28°17'52	4♒57	10°11	24°56	19°20	26°20	12°24	4°12	9°35	1°47	2°53	3°53	9°52	18°31	S 14
M15	22 3 41	29°15'55	19°31	11°20	25° 8	19°58	26°14	12°30	4°10	9°34	1°46	2°44	3°49	9°59	18°28	M15
T 16	22 7 38	0♍14'01	4♓22	12°36	25°22	20°36	26° 7	12°36	4° 8	9°33	1°45	2°34	3°46	10° 5	18°26	T 16
W17	22 11 34	1°12'07	19°21	13°57	25°38	21°14	26° 1	12°42	4° 5	9°32	1°44	2°27	3°43	10°12	18°23	W17
T 18	22 15 31	2°10'16	4♈19	15°24	25°56	21°52	25°54	12°48	4° 3	9°32	1°43	2°22	3°40	10°19	18°20	T 18
F 19	22 19 27	3° 8'27	19° 8	16°55	26°16	22°30	25°48	12°54	4° 0	9°31	1°42	2°19	3°37	10°25	18°18	F 19
S 20	22 23 24	4° 6'39	3♉41	18°31	26°38	23° 8	25°41	13° 0	3°58	9°30	1°41	2°D18	3°34	10°32	18°15	S 20
S 21	22 27 20	5° 4'54	17°56	20°10	27° 1	23°46	25°34	13° 6	3°56	9°29	1°40	2°19	3°30	10°39	18°12	S 21
M22	22 31 17	6° 3'11	1♊51	21°53	27°27	24°24	25°27	13°12	3°53	9°29	1°39	2°R20	3°27	10°45	18°10	M22
T 23	22 35 14	7° 1'30	15°27	23°38	27°53	25° 1	25°19	13°19	3°51	9°28	1°38	2°19	3°24	10°52	18° 7	T 23
W24	22 39 10	7°59'51	28°44	25°26	28°22	25°39	25°12	13°25	3°48	9°27	1°37	2°17	3°21	10°59	18° 4	W24
T 25	22 43 7	8°58'15	11♋46	27°16	28°52	26°17	25° 5	13°31	3°46	9°27	1°36	2°13	3°18	11° 5	18° 1	T 25
F 26	22 47 3	9°56'40	24°32	29° 7	29°23	26°54	24°57	13°38	3°44	9°26	1°35	2° 7	3°15	11°12	17°59	F 26
S 27	22 51 0	10°55'08	7♌ 7	0♍58	29°56	27°32	24°50	13°44	3°41	9°25	1°34	1°58	3°11	11°19	17°56	S 27
S 28	22 54 56	11°53'37	19°30	2°51	0♌31	28° 9	24°42	13°51	3°39	9°25	1°33	1°49	3° 8	11°25	17°53	S 28
M29	22 58 53	12°52'09	1♍43	4°44	1° 6	28°46	24°34	13°57	3°37	9°24	1°31	1°40	3° 5	11°32	17°50	M29
T 30	23 2 49	13°50'43	13°48	6°37	1°43	29°24	24°27	14° 4	3°34	9°24	1°30	1°31	3° 2	11°39	17°47	T 30
W31	23 6 46	14♍49'18	25♍44	8♍30	2♌21	0♌ 1	24♓19	14♎10	3♓32	9♑23	1♈29	1♉24	2♉59	11♎45	17♓45	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	16n10	18n27	4n45	15n 9	3s42	13n40	7s32	23n48	0n44	2s26	1s33	2s16	2n23	10s34	0s48	22s25	0n45	14s55	17s10	12n53	13n 5	1s16	0s11	4n32
T 2	15 53	13 41	4 18	15 30	3 27	13 45	7 30	23 45	0 44	2 28	1 33	2 18	2 23	10 35	0 48	22 25	0 45	14 56	17 10	12 49	13 4	1 19	0 12	4 32
W 3	15 35	8 28	3 39	15 51	3 10	13 50	7 28	23 42	0 45	2 30	1 33	2 20	2 23	10 36	0 48	22 25	0 45	14 57	17 11	12 45	13 3	1 23	0 13	4 32
T 4	15 18	3 0	2 51	16 10	2 54	13 55	7 25	23 39	0 46	2 32	1 34	2 22	2 22	10 36	0 48	22 25	0 45	14 57	17 11	12 43	13 2	1 26	0 14	4 32
F 5	15 0	2s32	1 56	16 29	2 36	14 0	7 21	23 36	0 46	2 34	1 34	2 24	2 22	10 37	0 48	22 25	0 45	14 58	17 11	12 41	13 1	1 29	0 15	4 32
S 6	14 41	7 58	0 57	16 46	2 19	14 6	7 17	23 33	0 47	2 36	1 34	2 27	2 22	10 38	0 48	22 25	0 45	14 58	17 11	12 41	13 0	1 33	0 16	4 32
S 7	14 23	13 9	0s 6	17 1	2 1	14 11	7 13	23 29	0 48	2 39	1 34	2 29	2 22	10 39	0 48	22 25	0 45	14 59	17 12	12 40	12 59	1 36	0 16	4 32
M 8	14 4	17 54	1 9	17 14	1 43	14 17	7 8	23 25	0 48	2 41	1 35	2 31	2 22	10 40	0 48	22 26	0 45	14 59	17 12	12 41	12 58	1 39	0 17	4 32
T 9	13 45	22 1	2 10	17 25	1 25	14 22	7 2	23 21	0 49	2 43	1 35	2 34	2 22	10 41	0 48	22 26	0 45	15 0	17 12	12 41	12 57	1 43	0 18	4 32
W10	13 26	25 15	3 6	17 34	1 7	14 28	6 57	23 17	0 50	2 46	1 35	2 36	2 21	10 42	0 48	22 26	0 45	15 1	17 12	12 40	12 56	1 46	0 19	4 32
T 11	13 6	27 18	3 55	17 40	0 50	14 33	6 51	23 13	0 50	2 48	1 35	2 38	2 21	10 43	0 48	22 26	0 45	15 1	17 13	12 39	12 55	1 50	0 20	4 32
F 12	12 46	27 53	4 33	17 44	0 34	14 38	6 45	23 9	0 51	2 51	1 36	2 41	2 21	10 43	0 48	22 26	0 45	15 2	17 13	12 37	12 54	1 53	0 21	4 32
S 13	12 27	26 48	4 57	17 45	0 18	14 43	6 38	23 4	0 52	2 53	1 36	2 43	2 21	10 44	0 48	22 26	0 45	15 2	17 13	12 34	12 53	1 56	0 22	4 32
S 14	12 7	24 0	5 3	17 43	0 3	14 48	6 31	22 59	0 52	2 56	1 36	2 45	2 21	10 45	0 48	22 26	0 45	15 3	17 13	12 31	12 51	2 0	0 23	4 32
M15	11 46	19 37	4 51	17 38	0n12	14 53	6 24	22 54	0 53	2 58	1 36	2 48	2 21	10 46	0 48	22 26	0 45	15 3	17 13	12 28	12 50	2 3	0 24	4 32
T 16	11 26	13 57	4 19	17 29	0 25	14 58	6 17	22 49	0 53	3 1	1 36	2 50	2 20	10 47	0 48	22 26	0 45	15 4	17 14	12 25	12 49	2 6	0 25	4 32
W17	11 5	7 25	3 28	17 18	0 37	15 2	6 10	22 44	0 54	3 4	1 37	2 53	2 20	10 48	0 48	22 26	0 45	15 4	17 14	12 22	12 48	2 10	0 26	4 32
T 18	10 44	0 29	2 24	17 3	0 49	15 6	6 2	22 39	0 55	3 7	1 37	2 55	2 20	10 49	0 48	22 27	0 45	15 5	17 14	12 20	12 47	2 13	0 27	4 33
F 19	10 23	6n26	1 10	16 46	0 59	15 10	5 55	22 33	0 55	3 10	1 37	2 58	2 20	10 50	0 48	22 27	0 45	15 6	17 14	12 19	12 46	2 16	0 28	4 33
S 20	10 2	12 55	0n 7	16 25	1 9	15 14	5 47	22 27	0 56	3 13	1 37	3 0	2 20	10 50	0 48	22 27	0 45	15 6	17 14	12 19	12 45	2 20	0 29	4 33
S 21	9 41	18 34	1 23	16 2	1 17	15 17	5 39	22 21	0 57	3 15	1 37	3 3	2 20	10 51	0 48	22 27	0 45	15 7	17 15	12 19	12 44	2 23	0 30	4 33
M22	9 19	23 5	2 32	15 36	1 25	15 20	5 31	22 15	0 57	3 18	1 37	3 5	2 20	10 52	0 48	22 27	0 44	15 7	17 15	12 20	12 43	2 27	0 31	4 33
T 23	8 58	26 13	3 30	15 7	1 31	15 23	5 23	22 9	0 58	3 21	1 38	3 8	2 20	10 53	0 48	22 27	0 44	15 8	17 15	12 19	12 42	2 30	0 32	4 33
W24	8 36	27 47	4 16	14 36	1 36	15 25	5 15	22 3	0 59	3 24	1 38	3 10	2 19	10 54	0 48	22 27	0 44	15 8	17 15	12 19	12 41	2 33	0 33	4 33
T 25	8 14	27 46	4 47	14 2	1 40	15 27	5 7	21 57	0 59	3 28	1 38	3 13	2 19	10 55	0 48	22 27	0 44	15 9	17 15	12 17	12 40	2 37	0 34	4 32
F 26	7 52	26 16	5 4	13 27	1 44	15 29	4 59	21 50	1 0	3 31	1 38	3 16	2 19	10 56	0 48	22 27	0 44	15 10	17 15	12 15	12 38	2 40	0 35	4 32
S 27	7 30	23 29	5 5	12 50	1 46	15 30	4 51	21 43	1 0	3 34	1 38	3 18	2 19	10 56	0 48	22 27	0 44	15 10	17 16	12 12	12 37	2 43	0 37	4 32
S 28	7 8	19 39	4 52	12 11	1 48	15 31	4 43	21 36	1 1	3 37	1 38	3 21	2 19	10 57	0 48	22 27	0 44	15 11	17 16	12 9	12 36	2 47	0 38	4 32
M29	6 45	15 2	4 26	11 30	1 49	15 31	4 34	21 29	1 2	3 40	1 38	3 24	2 19	10 58	0 48	22 27	0 44	15 11	17 16	12 6	12 35	2 50	0 39	4 32
T 30	6 23	9 54	3 48	10 48	1 49	15 31	4 26	21 22	1 2	3 43	1 38	3 26	2 19	10 59	0 48	22 28	0 44	15 12	17 16	12 3	12 34	2 53	0 40	4 32
W31	6n 0	4n27	3n 0	10n 5	1n49	15n31	4s18	21n15	1n 3	3s46	1s39	3s29	2n19	11s 0	0s48	22s28	0n44	15s12	17s16	12n 0	12n33	2s57	0s41	4n32

Julian Day Number = 2208513.5, Delta T = 09m32s
Ecliptic obliquity = 23°31'40, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°27'33, Lahiri = 14°34'34 Julian Calendar 1 Aug. 1334 == Greg. Calendar 9 Aug. 1334

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ASTRODIENST EPHEMERIS for the year 1334
geocentric

SEPTEMBER 1334 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	23 10 43	15♍47'55	7♎35	10♍23	3♌ 0	0♌38	24°R11	14♎17	3°R30	9°R23	1°R28	1°R19	2♉55	11♎52	17°R42	T 1
F 2	23 14 39	16°46'35	19°22	12°15	3°41	1°15	24♓ 3	14°24	3♓27	9♏23	1♈27	1♉16	2°52	11°59	17♓39	F 2
S 3	23 18 36	17°45'16	1♏ 8	14° 7	4°22	1°52	23°55	14°30	3°25	9°22	1°26	1°D15	2°49	12° 5	17°36	S 3
S 4	23 22 32	18°43'59	12°57	15°59	5° 5	2°29	23°47	14°37	3°23	9°22	1°25	1°16	2°46	12°12	17°33	S 4
M 5	23 26 29	19°42'44	24°53	17°49	5°48	3° 6	23°39	14°44	3°20	9°22	1°24	1°17	2°43	12°19	17°31	M 5
T 6	23 30 25	20°41'30	7♐ 0	19°39	6°33	3°43	23°31	14°51	3°18	9°21	1°22	1°19	2°40	12°25	17°28	T 6
W 7	23 34 22	21°40'19	19°24	21°28	7°18	4°20	23°23	14°58	3°16	9°21	1°21	1°R20	2°36	12°32	17°25	W 7
T 8	23 38 18	22°39'09	2♑ 9	23°16	8° 4	4°57	23°15	15° 4	3°14	9°21	1°20	1°19	2°33	12°38	17°22	T 8
F 9	23 42 15	23°38'01	15°19	25° 3	8°52	5°34	23° 7	15°11	3°11	9°21	1°19	1°17	2°30	12°45	17°20	F 9
S 10	23 46 12	24°36'54	28°58	26°49	9°40	6°10	22°59	15°18	3° 9	9°21	1°18	1°14	2°27	12°52	17°17	S 10
S 11	23 50 8	25°35'50	13♒ 5	28°35	10°29	6°47	22°51	15°25	3° 7	9°21	1°17	1° 9	2°24	12°58	17°14	S 11
M12	23 54 5	26°34'47	27°40	0♎19	11°18	7°24	22°43	15°32	3° 5	9°20	1°16	1° 4	2°21	13° 5	17°11	M12
T 13	23 58 1	27°33'46	12♓36	2° 3	12° 9	8° 0	22°35	15°39	3° 3	9°D20	1°14	0°59	2°17	13°12	17° 8	T 13
W14	0 1 58	28°32'47	27°45	3°46	13° 0	8°36	22°27	15°46	3° 1	9°20	1°13	0°55	2°14	13°18	17° 6	W14
T 15	0 5 54	29°31'50	12♈58	5°28	13°52	9°13	22°19	15°53	2°59	9°20	1°12	0°52	2°11	13°25	17° 3	T 15
F 16	0 9 51	0♎30'55	28° 5	7° 9	14°44	9°49	22°11	16° 0	2°57	9°21	1°11	0°D51	2° 8	13°32	17° 0	F 16
S 17	0 13 47	1°30'03	12♉57	8°49	15°38	10°25	22° 3	16° 7	2°55	9°21	1°10	0°52	2° 5	13°38	16°58	S 17
S 18	0 17 44	2°29'13	27°29	10°28	16°32	11° 1	21°56	16°14	2°53	9°21	1° 8	0°53	2° 1	13°45	16°55	S 18
M19	0 21 40	3°28'25	11♊36	12° 7	17°26	11°38	21°48	16°22	2°51	9°21	1° 7	0°54	1°58	13°52	16°52	M19
T 20	0 25 37	4°27'40	25°18	13°45	18°21	12°14	21°40	16°29	2°49	9°21	1° 6	0°56	1°55	13°58	16°50	T 20
W21	0 29 34	5°26'57	8♋36	15°22	19°17	12°50	21°33	16°36	2°47	9°21	1° 5	0°R56	1°52	14° 5	16°47	W21
T 22	0 33 30	6°26'16	21°33	16°58	20°13	13°26	21°25	16°43	2°45	9°22	1° 4	0°55	1°49	14°12	16°44	T 22
F 23	0 37 27	7°25'38	4♌12	18°34	21°10	14° 1	21°18	16°50	2°43	9°22	1° 3	0°53	1°46	14°18	16°42	F 23
S 24	0 41 23	8°25'02	16°35	20° 9	22° 8	14°37	21°10	16°57	2°41	9°22	1° 1	0°50	1°42	14°25	16°39	S 24
S 25	0 45 20	9°24'28	28°46	21°43	23° 6	15°13	21° 3	17° 5	2°39	9°23	1° 0	0°47	1°39	14°32	16°37	S 25
M26	0 49 16	10°23'57	10♍48	23°16	24° 4	15°49	20°56	17°12	2°38	9°23	0°59	0°43	1°36	14°38	16°34	M26
T 27	0 53 13	11°23'27	22°43	24°49	25° 3	16°24	20°49	17°19	2°36	9°24	0°58	0°40	1°33	14°45	16°32	T 27
W28	0 57 9	12°23'00	4♎33	26°21	26° 2	17° 0	20°42	17°26	2°34	9°24	0°57	0°37	1°30	14°52	16°29	W28
T 29	1 1 6	13°22'35	16°21	27°52	27° 2	17°35	20°35	17°33	2°33	9°24	0°56	0°36	1°26	14°58	16°27	T 29
F 30	1 5 3	14♎22'12	28♎ 8	29♎23	28♌ 2	18♌10	20♓28	17♎41	2♓31	9♑25	0♈55	0°D35	1♉23	15♎ 5	16♓25	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	5n37	1s 7	2n 5	9n22	1n47	15n30	4s10	21n 7	1n 4	3s50	1s39	3s32	2n19	11s 1	0s48	22s28	0n44	15s13	17s16	11n59	12n32	3s 0	0s42	4n32
F 2	5 14	6 37	1 4	8 37	1 46	15 29	4 2	21 0	1 4	3 53	1 39	3 34	2 18	11 2	0 48	22 28	0 44	15 13	17 16	11 58	12 31	3 4	0 43	4 32
S 3	4 51	11 54	0 1	7 52	1 43	15 27	3 54	20 52	1 5	3 56	1 39	3 37	2 18	11 2	0 48	22 28	0 44	15 14	17 16	11 57	12 30	3 7	0 44	4 32
S 4	4 28	16 47	1s 3	7 6	1 41	15 25	3 46	20 44	1 6	3 59	1 39	3 40	2 18	11 3	0 48	22 28	0 44	15 14	17 16	11 57	12 29	3 10	0 46	4 32
M 5	4 5	21 5	2 5	6 19	1 37	15 22	3 38	20 37	1 6	4 3	1 39	3 42	2 18	11 4	0 48	22 28	0 44	15 15	17 17	11 58	12 28	3 14	0 47	4 32
T 6	3 42	24 33	3 2	5 33	1 34	15 19	3 30	20 29	1 7	4 6	1 39	3 45	2 18	11 5	0 48	22 28	0 44	15 15	17 17	11 58	12 26	3 17	0 48	4 32
W 7	3 19	26 58	3 52	4 46	1 29	15 16	3 22	20 20	1 8	4 9	1 39	3 48	2 18	11 6	0 48	22 28	0 44	15 16	17 17	11 59	12 25	3 20	0 49	4 32
T 8	2 56	28 3	4 32	3 59	1 25	15 12	3 14	20 12	1 8	4 12	1 39	3 50	2 18	11 6	0 48	22 28	0 44	15 17	17 17	11 59	12 24	3 24	0 50	4 32
F 9	2 32	27 36	5 0	3 12	1 20	15 7	3 6	20 4	1 9	4 15	1 39	3 53	2 18	11 7	0 48	22 28	0 44	15 17	17 17	11 58	12 23	3 27	0 51	4 32
S 10	2 9	25 31	5 11	2 25	1 15	15 2	2 58	19 55	1 9	4 19	1 39	3 56	2 18	11 8	0 48	22 28	0 44	15 18	17 17	11 57	12 22	3 30	0 53	4 32
S 11	1 45	21 49	5 5	1 38	1 10	14 56	2 51	19 47	1 10	4 22	1 39	3 59	2 18	11 9	0 48	22 28	0 44	15 18	17 17	11 55	12 21	3 34	0 54	4 31
M12	1 22	16 41	4 39	0 51	1 4	14 50	2 43	19 38	1 11	4 25	1 39	4 1	2 18	11 10	0 48	22 28	0 44	15 19	17 17	11 53	12 20	3 37	0 55	4 31
T 13	0 58	10 27	3 54	0 4	0 58	14 44	2 35	19 29	1 11	4 28	1 39	4 4	2 18	11 10	0 48	22 28	0 44	15 19	17 17	11 51	12 19	3 40	0 56	4 31
W14	0 35	3 31	2 51	0s42	0 52	14 37	2 28	19 20	1 12	4 31	1 39	4 7	2 17	11 11	0 48	22 28	0 44	15 20	17 17	11 50	12 18	3 44	0 57	4 31
T 15	0 11	3n40	1 36	1 28	0 46	14 29	2 20	19 11	1 13	4 34	1 39	4 10	2 17	11 12	0 48	22 28	0 44	15 20	17 17	11 49	12 17	3 47	0 58	4 31
F 16	0s12	10 36	0 15	2 14	0 40	14 21	2 13	19 2	1 13	4 37	1 39	4 12	2 17	11 13	0 48	22 28	0 44	15 20	17 17	11 49	12 15	3 51	1 0	4 31
S 17	0 36	16 50	1n 6	3 0	0 33	14 13	2 6	18 53	1 14	4 41	1 39	4 15	2 17	11 13	0 48	22 28	0 44	15 21	17 17	11 49	12 14	3 54	1 1	4 31
S 18	1 0	21 57	2 21	3 45	0 27	14 4	1 58	18 44	1 15	4 44	1 39	4 18	2 17	11 14	0 48	22 28	0 44	15 21	17 17	11 49	12 13	3 57	1 2	4 31
M19	1 23	25 39	3 25	4 30	0 20	13 54	1 51	18 34	1 15	4 47	1 39	4 21	2 17	11 15	0 48	22 28	0 44	15 22	17 17	11 50	12 12	4 1	1 3	4 31
T 20	1 47	27 42	4 16	5 14	0 13	13 44	1 44	18 25	1 16	4 50	1 39	4 23	2 17	11 15	0 48	22 28	0 43	15 22	17 17	11 50	12 11	4 4	1 4	4 30
W21	2 10	28 5	4 51	5 58	0 6	13 33	1 37	18 15	1 17	4 53	1 39	4 26	2 17	11 16	0 48	22 28	0 43	15 23	17 17	11 50	12 10	4 7	1 5	4 30
T 22	2 34	26 54	5 10	6 42	0s 0	13 22	1 30	18 5	1 17	4 55	1 39	4 29	2 17	11 17	0 48	22 28	0 43	15 23	17 17	11 50	12 9	4 11	1 6	4 30
F 23	2 57	24 22	5 14	7 25	0 7	13 11	1 23	17 56	1 18	4 58	1 39	4 32	2 17	11 17	0 48	22 28	0 43	15 24	17 17	11 49	12 8	4 14	1 8	4 30
S 24	3 21	20 44	5 3	8 7	0 14	12 59	1 17	17 46	1 19	5 1	1 38	4 35	2 17	11 18	0 48	22 28	0 43	15 24	17 17	11 48	12 7	4 17	1 9	4 30
S 25	3 44	16 17	4 38	8 49	0 21	12 46	1 10	17 36	1 19	5 4	1 38	4 37	2 17	11 19	0 48	22 28	0 43	15 24	17 17	11 47	12 6	4 21	1 10	4 30
M26	4 8	11 16	4 1	9 31	0 28	12 33	1 4	17 26	1 20	5 7	1 38	4 40	2 17	11 19	0 48	22 29	0 43	15 25	17 17	11 46	12 4	4 24	1 11	4 29
T 27	4 31	5 52	3 14	10 11	0 35	12 19	0 57	17 16	1 21	5 9	1 38	4 43	2 17	11 20	0 48	22 29	0 43	15 25	17 17	11 45	12 3	4 28	1 12	4 29
W28	4 55	0 19	2 19	10 52	0 42	12 5	0 51	17 6	1 21	5 12	1 38	4 46	2 17	11 20	0 48	22 29	0 43	15 26	17 17	11 44	12 2	4 31	1 13	4 29
T 29	5 18	5s15	1 18	11 31	0 49	11 51	0 45	16 55	1 22	5 15	1 38	4 48	2 17	11 21	0 48	22 29	0 43	15 26	17 17	11 43	12 1	4 34	1 14	4 29
F 30	5s41	10s38	0n14	12s10	0s56	11n36	0s38	16n45	1n23	5s17	1s38	4s51	2n17	11s21	0s48	22s29	0n43	15s26	17s17	11n43	12n 0	4s38	1s15	4n29

Julian Day Number = 2208544.5, Delta T = 09m32s
Ecliptic obliquity = 23°31'41, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°27'37, Lahiri = 14°34'38 Julian Calendar 1 Sept. 1334 == Greg. Calendar 9 Sept. 1334

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ASTRODIENST EPHEMERIS for the year 1334
geocentric

OCTOBER 1334 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	1 8 59	15♎21'50	9♏57	0♏53	29♌ 3	18♌46	20°R22	17♎48	2°R29	9♑26	0°R53	0♉35	1♉20	15♎11	16°R22	S 1
S 2	1 12 56	16°21'31	21°51	2°22	0♍ 4	19°21	20♓15	17°55	2♓28	9°26	0♈52	0°36	1°17	15°18	16♓20	S 2
M 3	1 16 52	17°21'14	3♐51	3°51	1° 5	19°56	20° 9	18° 2	2°26	9°27	0°51	0°37	1°14	15°25	16°18	M 3
T 4	1 20 49	18°20'59	16° 2	5°19	2° 7	20°31	20° 3	18°10	2°25	9°27	0°50	0°39	1°11	15°31	16°15	T 4
W 5	1 24 45	19°20'45	28°28	6°47	3° 9	21° 6	19°57	18°17	2°24	9°28	0°49	0°40	1° 7	15°38	16°13	W 5
T 6	1 28 42	20°20'34	11♑11	8°13	4°12	21°41	19°51	18°24	2°22	9°29	0°48	0°40	1° 4	15°45	16°11	T 6
F 7	1 32 38	21°20'24	24°16	9°39	5°15	22°16	19°45	18°31	2°21	9°30	0°47	0°R40	1° 1	15°51	16° 9	F 7
S 8	1 36 35	22°20'15	7♒45	11° 5	6°18	22°51	19°40	18°39	2°20	9°30	0°46	0°40	0°58	15°58	16° 7	S 8
S 9	1 40 32	23°20'08	21°41	12°29	7°22	23°25	19°34	18°46	2°18	9°31	0°45	0°40	0°55	16° 5	16° 5	S 9
M10	1 44 28	24°20'03	6♓ 2	13°53	8°25	24° 0	19°29	18°53	2°17	9°32	0°44	0°39	0°52	16°11	16° 3	M10
T 11	1 48 25	25°20'00	20°47	15°16	9°30	24°34	19°24	19° 0	2°16	9°33	0°42	0°38	0°48	16°18	16° 1	T 11
W12	1 52 21	26°19'58	5♈49	16°38	10°34	25° 9	19°19	19° 8	2°15	9°34	0°41	0°38	0°45	16°25	15°59	W12
T 13	1 56 18	27°19'58	21° 0	17°59	11°39	25°43	19°14	19°15	2°14	9°35	0°40	0°37	0°42	16°31	15°57	T 13
F 14	2 0 14	28°20'00	6♉12	19°18	12°44	26°17	19° 9	19°22	2°13	9°36	0°39	0°D37	0°39	16°38	15°55	F 14
S 15	2 4 11	29°20'04	21°15	20°37	13°49	26°51	19° 5	19°29	2°12	9°37	0°38	0°37	0°36	16°45	15°53	S 15
S 16	2 8 7	0♏20'10	5♊59	21°55	14°55	27°25	19° 1	19°36	2°11	9°38	0°37	0°R38	0°32	16°51	15°51	S 16
M17	2 12 4	1°20'18	20°20	23°11	16° 1	27°59	18°57	19°43	2°10	9°39	0°36	0°38	0°29	16°58	15°49	M17
T 18	2 16 1	2°20'28	4♋14	24°26	17° 7	28°33	18°53	19°51	2° 9	9°40	0°35	0°37	0°26	17° 5	15°48	T 18
W19	2 19 57	3°20'41	17°41	25°39	18°14	29° 7	18°49	19°58	2° 8	9°41	0°34	0°37	0°23	17°11	15°46	W19
T 20	2 23 54	4°20'55	0♌42	26°50	19°21	29°41	18°46	20° 5	2° 8	9°43	0°33	0°D37	0°20	17°18	15°44	T 20
F 21	2 27 50	5°21'12	13°20	27°59	20°28	0♍14	18°42	20°12	2° 7	9°44	0°33	0°37	0°17	17°24	15°43	F 21
S 22	2 31 47	6°21'30	25°40	29° 6	21°35	0°48	18°39	20°19	2° 6	9°45	0°32	0°37	0°13	17°31	15°41	S 22
S 23	2 35 43	7°21'50	7♍46	0♐10	22°42	1°21	18°36	20°26	2° 6	9°46	0°31	0°38	0°10	17°38	15°40	S 23
M24	2 39 40	8°22'13	19°42	1°11	23°50	1°55	18°34	20°33	2° 5	9°48	0°30	0°39	0° 7	17°44	15°38	M24
T 25	2 43 36	9°22'37	1♎31	2° 9	24°58	2°28	18°31	20°40	2° 5	9°49	0°29	0°40	0° 4	17°51	15°37	T 25
W26	2 47 33	10°23'03	13°18	3° 4	26° 6	3° 1	18°29	20°47	2° 4	9°50	0°28	0°41	0° 1	17°58	15°36	W26
T 27	2 51 30	11°23'31	25° 6	3°54	27°14	3°34	18°27	20°54	2° 4	9°52	0°27	0°R41	29♈58	18° 4	15°34	T 27
F 28	2 55 26	12°24'00	6♏56	4°40	28°22	4° 7	18°25	21° 1	2° 3	9°53	0°26	0°41	29°54	18°11	15°33	F 28
S 29	2 59 23	13°24'32	18°53	5°20	29°31	4°40	18°23	21° 8	2° 3	9°54	0°26	0°40	29°51	18°18	15°32	S 29
S 30	3 3 19	14°25'05	0♐56	5°55	0♎40	5°12	18°22	21°15	2° 3	9°56	0°25	0°39	29°48	18°24	15°31	S 30
M31	3 7 16	15♏25'39	13♐ 8	6♐23	1♎49	5♍45	18♓20	21♎22	2♓ 3	9♑57	0♈24	0♉37	29♈45	18♎31	15♓30	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	6s 4	15s40	0s52	12s48	1s 3	11n21	0s32	16n35	1n23	5s20	1s38	4s54	2n17	11s22	0s48	22s28	0n43	15s27	17s16	11n43	11n59	4s41	1s16	4n29
S 2	6 27	20 9	1 55	13 26	1 9	11 5	0 26	16 24	1 24	5 22	1 37	4 57	2 17	11 23	0 48	22 28	0 43	15 27	17 16	11 44	11 58	4 44	1 18	4 28
M 3	6 50	23 51	2 54	14 2	1 16	10 48	0 21	16 14	1 25	5 24	1 37	5 0	2 17	11 23	0 48	22 28	0 43	15 27	17 16	11 44	11 57	4 48	1 19	4 28
T 4	7 13	26 33	3 46	14 38	1 22	10 32	0 15	16 3	1 25	5 27	1 37	5 2	2 17	11 24	0 48	22 28	0 43	15 28	17 16	11 44	11 56	4 51	1 20	4 28
W 5	7 36	28 0	4 29	15 14	1 29	10 15	0 9	15 53	1 26	5 29	1 37	5 5	2 17	11 24	0 48	22 28	0 43	15 28	17 16	11 45	11 54	4 54	1 21	4 28
T 6	7 59	28 2	4 59	15 48	1 35	9 57	0 4	15 42	1 27	5 31	1 37	5 8	2 17	11 24	0 48	22 28	0 43	15 28	17 16	11 45	11 53	4 58	1 22	4 28
F 7	8 21	26 31	5 16	16 21	1 41	9 39	0n 2	15 31	1 28	5 33	1 37	5 11	2 17	11 25	0 48	22 28	0 43	15 29	17 16	11 45	11 52	5 1	1 23	4 27
S 8	8 44	23 28	5 15	16 54	1 47	9 21	0 7	15 20	1 28	5 35	1 36	5 13	2 17	11 25	0 47	22 28	0 43	15 29	17 16	11 45	11 51	5 4	1 24	4 27
S 9	9 6	19 0	4 57	17 26	1 53	9 2	0 12	15 10	1 29	5 37	1 36	5 16	2 17	11 26	0 47	22 28	0 43	15 29	17 15	11 45	11 50	5 8	1 25	4 27
M10	9 28	13 21	4 19	17 57	1 59	8 43	0 17	14 59	1 30	5 39	1 36	5 19	2 17	11 26	0 47	22 28	0 43	15 30	17 15	11 44	11 49	5 11	1 26	4 27
T 11	9 50	6 47	3 24	18 27	2 4	8 23	0 22	14 48	1 30	5 41	1 36	5 21	2 17	11 27	0 47	22 28	0 43	15 30	17 15	11 44	11 48	5 14	1 27	4 26
W12	10 12	0n16	2 14	18 56	2 9	8 3	0 27	14 37	1 31	5 43	1 36	5 24	2 17	11 27	0 47	22 28	0 43	15 30	17 15	11 44	11 47	5 18	1 28	4 26
T 13	10 34	7 24	0 53	19 24	2 14	7 43	0 32	14 26	1 32	5 44	1 35	5 27	2 17	11 27	0 47	22 28	0 43	15 31	17 15	11 44	11 46	5 21	1 29	4 26
F 14	10 55	14 8	0n31	19 50	2 19	7 22	0 37	14 15	1 32	5 46	1 35	5 30	2 17	11 28	0 47	22 28	0 43	15 31	17 15	11 44	11 44	5 24	1 30	4 26
S 15	11 17	19 56	1 52	20 16	2 23	7 1	0 41	14 4	1 33	5 48	1 35	5 32	2 17	11 28	0 47	22 28	0 43	15 31	17 15	11 44	11 43	5 28	1 31	4 25
S 16	11 38	24 25	3 4	20 41	2 27	6 40	0 46	13 53	1 34	5 49	1 35	5 35	2 17	11 28	0 47	22 28	0 43	15 31	17 14	11 44	11 42	5 31	1 31	4 25
M17	11 59	27 13	4 3	21 4	2 31	6 18	0 50	13 42	1 35	5 50	1 35	5 38	2 17	11 29	0 47	22 28	0 43	15 31	17 14	11 44	11 41	5 35	1 32	4 25
T 18	12 20	28 12	4 45	21 26	2 34	5 56	0 54	13 30	1 35	5 52	1 34	5 40	2 17	11 29	0 47	22 28	0 43	15 32	17 14	11 44	11 40	5 38	1 33	4 25
W19	12 41	27 28	5 10	21 47	2 37	5 34	0 58	13 19	1 36	5 53	1 34	5 43	2 17	11 29	0 47	22 28	0 42	15 32	17 14	11 44	11 39	5 41	1 34	4 25
T 20	13 1	25 15	5 18	22 6	2 39	5 11	1 2	13 8	1 37	5 54	1 34	5 45	2 17	11 29	0 47	22 28	0 42	15 32	17 14	11 44	11 38	5 45	1 35	4 24
F 21	13 21	21 49	5 10	22 24	2 41	4 49	1 6	12 57	1 37	5 55	1 34	5 48	2 17	11 30	0 47	22 28	0 42	15 32	17 13	11 44	11 37	5 48	1 36	4 24
S 22	13 41	17 31	4 48	22 41	2 43	4 25	1 10	12 46	1 38	5 56	1 33	5 51	2 18	11 30	0 47	22 28	0 42	15 32	17 13	11 44	11 36	5 51	1 37	4 24
S 23	14 1	12 36	4 14	22 56	2 44	4 2	1 14	12 34	1 39	5 57	1 33	5 53	2 18	11 30	0 47	22 28	0 42	15 33	17 13	11 44	11 34	5 55	1 37	4 23
M24	14 21	7 17	3 29	23 9	2 44	3 38	1 17	12 23	1 40	5 58	1 33	5 56	2 18	11 30	0 47	22 28	0 42	15 33	17 13	11 44	11 33	5 58	1 38	4 23
T 25	14 40	1 46	2 35	23 20	2 44	3 15	1 21	12 12	1 40	5 59	1 33	5 58	2 18	11 30	0 47	22 28	0 42	15 33	17 12	11 45	11 32	6 1	1 39	4 23
W26	14 59	3s49	1 35	23 30	2 42	2 50	1 24	12 0	1 41	5 59	1 32	6 1	2 18	11 30	0 47	22 28	0 42	15 33	17 12	11 45	11 31	6 5	1 40	4 23
T 27	15 18	9 16	0 31	23 38	2 40	2 26	1 27	11 49	1 42	6 0	1 32	6 3	2 18	11 30	0 47	22 27	0 42	15 33	17 12	11 45	11 30	6 8	1 41	4 22
F 28	15 37	14 26	0s35	23 44	2 38	2 2	1 30	11 38	1 43	6 0	1 32	6 6	2 18	11 31	0 47	22 27	0 42	15 33	17 12	11 45	11 29	6 11	1 41	4 22
S 29	15 55	19 5	1 39	23 47	2 34	1 37	1 33	11 26	1 43	6 1	1 32	6 9	2 18	11 31	0 47	22 27	0 42	15 33	17 11	11 45	11 28	6 15	1 42	4 22
S 30	16 13	23 2	2 40	23 49	2 29	1 12	1 36	11 15	1 44	6 1	1 31	6 11	2 18	11 31	0 47	22 27	0 42	15 33	17 11	11 45	11 27	6 18	1 43	4 22
M31	16s31	26s 0	3s34	23s48	2s23	0n47	1n39	11n 4	1n45	6s 1	1s31	6s13	2n18	11s31	0s47	22s27	0n42	15s33	17s11	11n44	11n25	6s21	1s43	4n21

Julian Day Number = 2208574.5, Delta T = 09m31s
Ecliptic obliquity = 23°31'41, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°27'42, Lahiri = 14°34'42 Julian Calendar 1 Oct. 1334 == Greg. Calendar 9 Oct. 1334

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ASTRODIENST EPHEMERIS for the year 1334
geocentric

NOVEMBER 1334 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	3 11 12	16♏26'15	25♐31	6♐44	2♎58	6♍17	18°R19	21♎28	2°R 2	9♑59	0°R23	0°R35	29♈42	18♎38	15°R29	T 1
W 2	3 15 9	17°26'52	8♑ 7	6°57	4° 7	6°50	18♓18	21°35	2♓ 2	10° 0	0♈22	0♉32	29°38	18°44	15♓28	W 2
T 3	3 19 5	18°27'31	20°57	7°R 1	5°17	7°22	18°18	21°42	2°D 2	10° 2	0°22	0°30	29°35	18°51	15°27	T 3
F 4	3 23 2	19°28'11	4♒ 3	6°56	6°27	7°54	18°17	21°49	2° 2	10° 4	0°21	0°28	29°32	18°58	15°26	F 4
S 5	3 26 59	20°28'51	17°27	6°40	7°36	8°26	18°17	21°55	2° 2	10° 5	0°20	0°D27	29°29	19° 4	15°25	S 5
S 6	3 30 55	21°29'33	1♓12	6°14	8°46	8°58	18°D17	22° 2	2° 2	10° 7	0°20	0°28	29°26	19°11	15°25	S 6
M 7	3 34 52	22°30'16	15°16	5°37	9°57	9°29	18°17	22° 9	2° 3	10° 8	0°19	0°29	29°23	19°17	15°24	M 7
T 8	3 38 48	23°31'00	29°40	4°50	11° 7	10° 1	18°18	22°15	2° 3	10°10	0°18	0°30	29°19	19°24	15°23	T 8
W 9	3 42 45	24°31'45	14♈21	3°52	12°17	10°32	18°18	22°22	2° 3	10°12	0°18	0°32	29°16	19°31	15°23	W 9
T 10	3 46 41	25°32'31	29°14	2°45	13°28	11° 4	18°19	22°28	2° 3	10°14	0°17	0°R32	29°13	19°37	15°22	T 10
F 11	3 50 38	26°33'19	14♉12	1°31	14°38	11°35	18°20	22°35	2° 4	10°15	0°17	0°32	29°10	19°44	15°22	F 11
S 12	3 54 34	27°34'07	29° 8	0°12	15°49	12° 6	18°21	22°41	2° 4	10°17	0°16	0°30	29° 7	19°51	15°21	S 12
S 13	3 58 31	28°34'57	13♊52	28♏49	17° 0	12°37	18°23	22°47	2° 5	10°19	0°15	0°26	29° 4	19°57	15°21	S 13
M14	4 2 28	29°35'48	28°18	27°27	18°11	13° 7	18°24	22°54	2° 5	10°21	0°15	0°22	29° 0	20° 4	15°21	M14
T 15	4 6 24	0♐36'41	12♋20	26° 7	19°22	13°38	18°26	23° 0	2° 6	10°23	0°14	0°17	28°57	20°11	15°20	T 15
W16	4 10 21	1°37'34	25°55	24°53	20°34	14° 9	18°28	23° 6	2° 6	10°24	0°14	0°13	28°54	20°17	15°20	W16
T 17	4 14 17	2°38'29	9♌ 3	23°46	21°45	14°39	18°30	23°12	2° 7	10°26	0°13	0° 9	28°51	20°24	15°20	T 17
F 18	4 18 14	3°39'26	21°47	22°49	22°57	15° 9	18°33	23°18	2° 8	10°28	0°13	0° 7	28°48	20°31	15°20	F 18
S 19	4 22 10	4°40'23	4♍ 9	22° 2	24° 8	15°39	18°35	23°24	2° 8	10°30	0°13	0°D 6	28°44	20°37	15°D20	S 19
S 20	4 26 7	5°41'22	16°15	21°26	25°20	16° 9	18°38	23°30	2° 9	10°32	0°12	0° 7	28°41	20°44	15°20	S 20
M21	4 30 4	6°42'22	28° 9	21° 2	26°32	16°39	18°41	23°36	2°10	10°34	0°12	0° 8	28°38	20°51	15°20	M21
T 22	4 34 0	7°43'23	9♎57	20°49	27°44	17° 8	18°45	23°42	2°11	10°36	0°12	0°10	28°35	20°57	15°20	T 22
W23	4 37 57	8°44'25	21°43	20°D47	28°56	17°38	18°48	23°48	2°12	10°38	0°11	0°11	28°32	21° 4	15°21	W23
T 24	4 41 53	9°45'28	3♏33	20°55	0♏ 8	18° 7	18°52	23°54	2°13	10°40	0°11	0°R12	28°29	21°10	15°21	T 24
F 25	4 45 50	10°46'32	15°28	21°12	1°20	18°36	18°55	24° 0	2°14	10°42	0°11	0°10	28°25	21°17	15°21	F 25
S 26	4 49 46	11°47'38	27°34	21°37	2°32	19° 5	18°59	24° 5	2°15	10°44	0°10	0° 7	28°22	21°24	15°22	S 26
S 27	4 53 43	12°48'44	9♐50	22°10	3°45	19°33	19° 4	24°11	2°16	10°46	0°10	0° 1	28°19	21°30	15°22	S 27
M28	4 57 39	13°49'50	22°19	22°50	4°57	20° 2	19° 8	24°16	2°18	10°48	0°10	29♈54	28°16	21°37	15°23	M28
T 29	5 1 36	14°50'58	5♑ 2	23°36	6°10	20°30	19°13	24°22	2°19	10°50	0°10	29°46	28°13	21°44	15°23	T 29
W30	5 5 33	15♐52'06	17♑56	24♏27	7♏23	20♍58	19♓17	24♎27	2♓20	10♑52	0♈10	29♈37	28♈10	21♎50	15♓24	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	16s49	27s46	4s19	23s44	2s15	0n22	1n41	10n52	1n46	6s 2	1s31	6s16	2n18	11s31	0s47	22s27	0n42	15s34	17s11	11n43	11n24	6s25	1s44	4n21
W 2	17 6	28 8	4 52	23 37	2 6	0s 4	1 44	10 41	1 46	6 2	1 31	6 18	2 18	11 31	0 47	22 27	0 42	15 34	17 10	11 42	11 23	6 28	1 45	4 21
T 3	17 23	27 1	5 11	23 28	1 56	0 29	1 46	10 30	1 47	6 2	1 30	6 21	2 18	11 31	0 47	22 27	0 42	15 34	17 10	11 41	11 22	6 31	1 45	4 20
F 4	17 40	24 25	5 15	23 16	1 44	0 55	1 48	10 18	1 48	6 2	1 30	6 23	2 19	11 31	0 47	22 27	0 42	15 34	17 10	11 41	11 21	6 35	1 46	4 20
S 5	17 56	20 27	5 2	23 0	1 31	1 20	1 50	10 7	1 49	6 2	1 30	6 26	2 19	11 31	0 46	22 27	0 42	15 34	17 10	11 40	11 20	6 38	1 46	4 20
S 6	18 12	15 19	4 32	22 41	1 16	1 46	1 52	9 56	1 49	6 1	1 30	6 28	2 19	11 31	0 46	22 27	0 42	15 34	17 9	11 41	11 19	6 41	1 47	4 20
M 7	18 28	9 16	3 44	22 18	1 0	2 12	1 54	9 44	1 50	6 1	1 29	6 30	2 19	11 30	0 46	22 27	0 42	15 34	17 9	11 41	11 18	6 45	1 47	4 19
T 8	18 43	2 37	2 42	21 52	0 42	2 38	1 56	9 33	1 51	6 1	1 29	6 33	2 19	11 30	0 46	22 26	0 42	15 34	17 9	11 41	11 16	6 48	1 48	4 19
W 9	18 58	4n20	1 28	21 23	0 23	3 4	1 58	9 22	1 52	6 0	1 29	6 35	2 19	11 30	0 46	22 26	0 42	15 34	17 8	11 42	11 15	6 51	1 48	4 19
T 10	19 13	11 8	0 7	20 50	0 3	3 30	1 59	9 11	1 53	5 59	1 28	6 37	2 19	11 30	0 46	22 26	0 42	15 34	17 8	11 42	11 14	6 55	1 49	4 18
F 11	19 27	17 21	1n15	20 16	0n17	3 56	2 1	8 59	1 53	5 59	1 28	6 40	2 19	11 30	0 46	22 26	0 42	15 33	17 8	11 42	11 13	6 58	1 49	4 18
S 12	19 41	22 29	2 31	19 39	0 38	4 22	2 2	8 48	1 54	5 58	1 28	6 42	2 19	11 30	0 46	22 26	0 42	15 33	17 7	11 41	11 12	7 1	1 50	4 18
S 13	19 55	26 7	3 36	19 2	0 58	4 48	2 3	8 37	1 55	5 57	1 28	6 44	2 20	11 30	0 46	22 26	0 42	15 33	17 7	11 40	11 11	7 5	1 50	4 18
M14	20 8	27 57	4 26	18 25	1 17	5 15	2 4	8 26	1 56	5 56	1 27	6 46	2 20	11 29	0 46	22 26	0 42	15 33	17 7	11 39	11 10	7 8	1 51	4 17
T 15	20 21	27 54	4 58	17 49	1 35	5 41	2 5	8 15	1 57	5 55	1 27	6 48	2 20	11 29	0 46	22 26	0 42	15 33	17 7	11 37	11 9	7 11	1 51	4 17
W16	20 34	26 9	5 12	17 16	1 51	6 7	2 6	8 4	1 57	5 54	1 27	6 51	2 20	11 29	0 46	22 26	0 42	15 33	17 6	11 35	11 7	7 14	1 51	4 17
T 17	20 46	23 1	5 9	16 46	2 5	6 33	2 7	7 53	1 58	5 53	1 26	6 53	2 20	11 29	0 46	22 25	0 42	15 33	17 6	11 34	11 6	7 18	1 52	4 16
F 18	20 58	18 53	4 51	16 20	2 17	6 59	2 8	7 42	1 59	5 52	1 26	6 55	2 20	11 28	0 46	22 25	0 42	15 33	17 6	11 33	11 5	7 21	1 52	4 16
S 19	21 9	14 3	4 20	15 58	2 27	7 25	2 8	7 31	2 0	5 51	1 26	6 57	2 20	11 28	0 46	22 25	0 42	15 33	17 5	11 33	11 4	7 24	1 52	4 16
S 20	21 20	8 47	3 37	15 42	2 35	7 50	2 9	7 20	2 1	5 49	1 26	6 59	2 21	11 28	0 46	22 25	0 42	15 33	17 5	11 33	11 3	7 28	1 52	4 16
M21	21 31	3 17	2 46	15 30	2 40	8 16	2 9	7 9	2 2	5 48	1 25	7 1	2 21	11 27	0 46	22 25	0 42	15 32	17 5	11 34	11 2	7 31	1 53	4 15
T 22	21 41	2s18	1 48	15 24	2 44	8 42	2 9	6 59	2 2	5 46	1 25	7 3	2 21	11 27	0 46	22 25	0 42	15 32	17 4	11 34	11 1	7 34	1 53	4 15
W23	21 50	7 47	0 46	15 21	2 46	9 7	2 9	6 48	2 3	5 45	1 25	7 5	2 21	11 27	0 46	22 25	0 42	15 32	17 4	11 35	10 59	7 38	1 53	4 15
T 24	22 0	13 2	0s18	15 23	2 46	9 33	2 9	6 37	2 4	5 43	1 25	7 7	2 21	11 26	0 46	22 24	0 42	15 32	17 4	11 35	10 58	7 41	1 53	4 14
F 25	22 9	17 51	1 22	15 29	2 45	9 58	2 9	6 27	2 5	5 41	1 24	7 9	2 21	11 26	0 46	22 24	0 41	15 32	17 3	11 34	10 57	7 44	1 53	4 14
S 26	22 17	22 1	2 23	15 38	2 42	10 23	2 9	6 16	2 6	5 40	1 24	7 11	2 22	11 25	0 46	22 24	0 41	15 31	17 3	11 33	10 56	7 48	1 54	4 14
S 27	22 25	25 16	3 18	15 49	2 39	10 48	2 9	6 5	2 7	5 38	1 24	7 13	2 22	11 25	0 46	22 24	0 41	15 31	17 2	11 31	10 55	7 51	1 54	4 13
M28	22 33	27 23	4 5	16 3	2 34	11 12	2 8	5 55	2 8	5 36	1 23	7 15	2 22	11 24	0 46	22 24	0 41	15 31	17 2	11 29	10 54	7 54	1 54	4 13
T 29	22 40	28 6	4 40	16 20	2 29	11 37	2 8	5 45	2 8	5 34	1 23	7 17	2 22	11 24	0 46	22 24	0 41	15 31	17 2	11 26	10 53	7 58	1 54	4 13
W30	22s47	27s18	5s 1	16s38	2n24	12s 1	2n 7	5n34	2n 9	5s31	1s23	7s18	2n22	11s23	0s46	22s24	0n41	15s30	17s 1	11n23	10n52	8s 1	1s54	4n13

Julian Day Number = 2208605.5, Delta T = 09m31s
Ecliptic obliquity = 23°31'40, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°27'46, Lahiri = 14°34'46 Julian Calendar 1 Nov. 1334 == Greg. Calendar 9 Nov. 1334

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ASTRODIENST EPHEMERIS for the year 1334
geocentric

DECEMBER 1334 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	5 9 29	16♐53'14	1♒ 4	25♏23	8♏35	21♍26	19♓22	24♎33	2♓22	10♑54	0°R 9	29°R29	28♈ 6	21♎57	15♓24	T 1
F 2	5 13 26	17°54'23	14°23	26°23	9°48	21°53	19°28	24°38	2°23	10°57	0♈ 9	29♈23	28° 3	22° 4	15°25	F 2
S 3	5 17 22	18°55'32	27°55	27°27	11° 1	22°21	19°33	24°43	2°24	10°59	0° 9	29°18	28° 0	22°10	15°26	S 3
S 4	5 21 19	19°56'41	11♓38	28°34	12°14	22°48	19°38	24°48	2°26	11° 1	0° 9	29°16	27°57	22°17	15°27	S 4
M 5	5 25 15	20°57'50	25°33	29°43	13°27	23°15	19°44	24°53	2°27	11° 3	0° 9	29°D16	27°54	22°24	15°28	M 5
T 6	5 29 12	21°58'59	9♈40	0♐55	14°40	23°42	19°50	24°58	2°29	11° 5	0° 9	29°17	27°50	22°30	15°29	T 6
W 7	5 33 8	23° 0'08	23°58	2°10	15°53	24° 8	19°56	25° 3	2°31	11° 7	0°D 9	29°R18	27°47	22°37	15°30	W 7
T 8	5 37 5	24° 1'17	8♉25	3°26	17° 6	24°35	20° 2	25° 8	2°32	11°10	0° 9	29°17	27°44	22°44	15°31	T 8
F 9	5 41 2	25° 2'27	22°57	4°44	18°19	25° 1	20° 9	25°13	2°34	11°12	0° 9	29°15	27°41	22°50	15°32	F 9
S 10	5 44 58	26° 3'36	7♊30	6° 3	19°32	25°27	20°15	25°18	2°36	11°14	0° 9	29°10	27°38	22°57	15°33	S 10
S 11	5 48 55	27° 4'46	21°57	7°23	20°45	25°52	20°22	25°22	2°38	11°16	0° 9	29° 3	27°35	23° 3	15°34	S 11
M12	5 52 51	28° 5'56	6♋12	8°45	21°59	26°18	20°29	25°27	2°40	11°18	0° 9	28°53	27°31	23°10	15°36	M12
T 13	5 56 48	29° 7'06	20° 8	10° 8	23°12	26°43	20°36	25°31	2°42	11°21	0° 9	28°43	27°28	23°17	15°37	T 13
W14	6 0 44	0♑ 8'16	3♌42	11°32	24°25	27° 8	20°43	25°36	2°44	11°23	0°10	28°32	27°25	23°23	15°38	W14
T 15	6 4 41	1° 9'26	16°53	12°57	25°39	27°32	20°50	25°40	2°46	11°25	0°10	28°23	27°22	23°30	15°40	T 15
F 16	6 8 37	2°10'37	29°39	14°22	26°52	27°57	20°58	25°44	2°48	11°27	0°10	28°16	27°19	23°37	15°41	F 16
S 17	6 12 34	3°11'48	12♍ 4	15°48	28° 6	28°21	21° 5	25°48	2°50	11°30	0°10	28°11	27°16	23°43	15°43	S 17
S 18	6 16 31	4°12'59	24°12	17°15	29°20	28°44	21°13	25°52	2°52	11°32	0°10	28° 9	27°12	23°50	15°45	S 18
M19	6 20 27	5°14'10	6♎ 8	18°43	0♐33	29° 8	21°21	25°56	2°54	11°34	0°11	28°D 8	27° 9	23°57	15°46	M19
T 20	6 24 24	6°15'21	17°56	20°11	1°47	29°31	21°29	26° 0	2°56	11°36	0°11	28° 8	27° 6	24° 3	15°48	T 20
W21	6 28 20	7°16'32	29°43	21°40	3° 1	29°54	21°38	26° 4	2°58	11°39	0°11	28°R 9	27° 3	24°10	15°50	W21
T 22	6 32 17	8°17'43	11♏35	23° 9	4°14	0♎17	21°46	26° 8	3° 1	11°41	0°12	28° 8	27° 0	24°17	15°51	T 22
F 23	6 36 13	9°18'55	23°34	24°39	5°28	0°39	21°55	26°11	3° 3	11°43	0°12	28° 5	26°56	24°23	15°53	F 23
S 24	6 40 10	10°20'06	5♐47	26° 9	6°42	1° 1	22° 3	26°15	3° 5	11°45	0°12	27°59	26°53	24°30	15°55	S 24
S 25	6 44 7	11°21'17	18°15	27°40	7°56	1°22	22°12	26°18	3° 8	11°48	0°13	27°50	26°50	24°37	15°57	S 25
M26	6 48 3	12°22'28	1♑ 1	29°11	9°10	1°44	22°21	26°22	3°10	11°50	0°13	27°39	26°47	24°43	15°59	M26
T 27	6 52 0	13°23'39	14° 4	0♑43	10°24	2° 4	22°30	26°25	3°13	11°52	0°14	27°26	26°44	24°50	16° 1	T 27
W28	6 55 56	14°24'49	27°23	2°15	11°38	2°25	22°40	26°28	3°15	11°55	0°14	27°13	26°41	24°56	16° 3	W28
T 29	6 59 53	15°25'58	10♒55	3°48	12°52	2°45	22°49	26°31	3°18	11°57	0°15	27° 1	26°37	25° 3	16° 6	T 29
F 30	7 3 49	16°27'07	24°39	5°21	14° 6	3° 5	22°59	26°34	3°20	11°59	0°15	26°50	26°34	25°10	16° 8	F 30
S 31	7 7 46	17♑28'15	8♓30	6♑55	15♐20	3♎24	23♓ 8	26♎37	3♓23	12♑ 1	0♈16	26♈43	26♈31	25♎16	16♓10	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22s53	25s 0	5s 8	16s57	2n18	12s25	2n 7	5n24	2n10	5s29	1s23	7s20	2n22	11s23	0s45	22s23	0n41	15s30	17s 1	11n20	10n50	8s 4	1s54	4n12
F 2	22 59	21 19	4 57	17 18	2 11	12 49	2 6	5 14	2 11	5 27	1 22	7 22	2 23	11 22	0 45	22 23	0 41	15 30	17 1	11 18	10 49	8 7	1 54	4 12
S 3	23 4	16 28	4 30	17 39	2 4	13 12	2 5	5 4	2 12	5 25	1 22	7 24	2 23	11 22	0 45	22 23	0 41	15 30	17 0	11 16	10 48	8 11	1 54	4 12
S 4	23 9	10 44	3 48	18 1	1 57	13 35	2 4	4 54	2 13	5 22	1 22	7 25	2 23	11 21	0 45	22 23	0 41	15 29	17 0	11 15	10 47	8 14	1 54	4 11
M 5	23 13	4 24	2 51	18 23	1 49	13 58	2 3	4 44	2 14	5 20	1 22	7 27	2 23	11 21	0 45	22 23	0 41	15 29	17 0	11 15	10 46	8 17	1 54	4 11
T 6	23 17	2n15	1 44	18 46	1 41	14 21	2 2	4 34	2 15	5 17	1 21	7 29	2 23	11 20	0 45	22 23	0 41	15 29	16 59	11 15	10 45	8 21	1 53	4 11
W 7	23 21	8 53	0 29	19 8	1 34	14 43	2 1	4 25	2 16	5 15	1 21	7 30	2 24	11 19	0 45	22 22	0 41	15 28	16 59	11 16	10 44	8 24	1 53	4 10
T 8	23 24	15 8	0n49	19 31	1 26	15 5	2 0	4 15	2 17	5 12	1 21	7 32	2 24	11 19	0 45	22 22	0 41	15 28	16 58	11 16	10 42	8 27	1 53	4 10
F 9	23 26	20 34	2 3	19 53	1 18	15 27	1 59	4 5	2 18	5 9	1 21	7 33	2 24	11 18	0 45	22 22	0 41	15 28	16 58	11 15	10 41	8 30	1 53	4 10
S 10	23 28	24 46	3 10	20 15	1 10	15 48	1 57	3 56	2 18	5 6	1 20	7 35	2 24	11 17	0 45	22 22	0 41	15 27	16 58	11 13	10 40	8 34	1 53	4 10
S 11	23 30	27 20	4 3	20 37	1 2	16 9	1 56	3 47	2 19	5 3	1 20	7 36	2 24	11 17	0 45	22 22	0 41	15 27	16 57	11 10	10 39	8 37	1 53	4 9
M12	23 31	28 4	4 41	20 58	0 54	16 29	1 54	3 37	2 20	5 0	1 20	7 38	2 25	11 16	0 45	22 22	0 41	15 27	16 57	11 7	10 38	8 40	1 52	4 9
T 13	23 31	26 58	5 1	21 18	0 46	16 49	1 53	3 28	2 21	4 57	1 20	7 39	2 25	11 15	0 45	22 21	0 41	15 26	16 57	11 3	10 37	8 44	1 52	4 9
W14	23 32	24 18	5 3	21 38	0 38	17 9	1 51	3 19	2 22	4 54	1 19	7 41	2 25	11 14	0 45	22 21	0 41	15 26	16 56	11 0	10 36	8 47	1 52	4 8
T 15	23 31	20 25	4 49	21 57	0 30	17 28	1 49	3 10	2 23	4 51	1 19	7 42	2 25	11 14	0 45	22 21	0 41	15 25	16 56	10 56	10 34	8 50	1 52	4 8
F 16	23 31	15 41	4 20	22 15	0 22	17 47	1 47	3 2	2 24	4 48	1 19	7 43	2 25	11 13	0 45	22 21	0 41	15 25	16 56	10 54	10 33	8 53	1 51	4 8
S 17	23 29	10 27	3 40	22 32	0 14	18 6	1 46	2 53	2 25	4 45	1 19	7 45	2 26	11 12	0 45	22 21	0 41	15 25	16 55	10 52	10 32	8 57	1 51	4 8
S 18	23 28	4 55	2 51	22 48	0 7	18 24	1 44	2 44	2 26	4 42	1 18	7 46	2 26	11 11	0 45	22 21	0 41	15 24	16 55	10 51	10 31	9 0	1 51	4 7
M19	23 25	0s41	1 55	23 4	0s 1	18 41	1 42	2 36	2 27	4 38	1 18	7 47	2 26	11 11	0 45	22 20	0 41	15 24	16 54	10 51	10 30	9 3	1 50	4 7
T 20	23 23	6 14	0 54	23 18	0 8	18 58	1 40	2 28	2 28	4 35	1 18	7 48	2 26	11 10	0 45	22 20	0 41	15 23	16 54	10 51	10 29	9 7	1 50	4 7
W21	23 20	11 33	0s 8	23 31	0 15	19 15	1 37	2 19	2 29	4 31	1 18	7 50	2 27	11 9	0 45	22 20	0 41	15 23	16 54	10 51	10 28	9 10	1 49	4 7
T 22	23 16	16 29	1 11	23 43	0 22	19 31	1 35	2 11	2 30	4 28	1 17	7 51	2 27	11 8	0 45	22 20	0 41	15 22	16 53	10 51	10 26	9 13	1 49	4 6
F 23	23 12	20 51	2 11	23 54	0 29	19 46	1 33	2 3	2 31	4 24	1 17	7 52	2 27	11 7	0 45	22 20	0 41	15 22	16 53	10 50	10 25	9 16	1 48	4 6
S 24	23 7	24 24	3 6	24 4	0 36	20 1	1 31	1 55	2 32	4 20	1 17	7 53	2 27	11 6	0 45	22 19	0 41	15 21	16 53	10 48	10 24	9 20	1 48	4 6
S 25	23 2	26 52	3 53	24 13	0 43	20 15	1 28	1 48	2 33	4 17	1 17	7 54	2 28	11 5	0 45	22 19	0 41	15 21	16 52	10 45	10 23	9 23	1 47	4 5
M26	22 57	28 1	4 29	24 20	0 49	20 29	1 26	1 40	2 34	4 13	1 17	7 55	2 28	11 4	0 45	22 19	0 41	15 20	16 52	10 41	10 22	9 26	1 47	4 5
T 27	22 51	27 38	4 53	24 27	0 55	20 43	1 24	1 33	2 36	4 9	1 16	7 56	2 28	11 3	0 45	22 19	0 41	15 20	16 52	10 36	10 21	9 29	1 46	4 5
W28	22 45	25 40	5 1	24 32	1 1	20 55	1 21	1 26	2 37	4 5	1 16	7 57	2 28	11 3	0 45	22 19	0 41	15 19	16 51	10 31	10 19	9 33	1 46	4 5
T 29	22 38	22 14	4 52	24 35	1 7	21 7	1 19	1 19	2 38	4 1	1 16	7 58	2 28	11 2	0 45	22 19	0 41	15 19	16 51	10 27	10 18	9 36	1 45	4 4
F 30	22 31	17 32	4 26	24 38	1 12	21 19	1 16	1 12	2 39	3 57	1 16	7 59	2 29	11 1	0 45	22 18	0 41	15 18	16 51	10 23	10 17	9 39	1 44	4 4
S 31	22s23	11s53	3s45	24s38	1s18	21s30	1n14	1n 5	2n40	3s53	1s15	7s59	2n29	11s 0	0s45	22s18	0n41	15s18	16s50	10n20	10n16	9s43	1s44	4n 4

Julian Day Number = 2208635.5, Delta T = 09m31s
Ecliptic obliquity = 23°31'40, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°27'50, Lahiri = 14°34'50 Julian Calendar 1 Dec. 1334 == Greg. Calendar 9 Dec. 1334

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ASTRODIENST EPHEMERIS for the year 1335
geocentric

JANUARY 1335 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	7 11 42	18♑29'22	22♓27	8♑29	16♐34	3♎43	23♓18	26♎40	3♓26	12♑ 4	0♈16	26°R38	26♈28	25♎23	16♓12	S 1
M 2	7 15 39	19°30'28	6♈27	10° 4	17°48	4° 2	23°28	26°43	3°28	12° 6	0°17	26♈36	26°25	25°30	16°15	M 2
T 3	7 19 36	20°31'33	20°30	11°39	19° 2	4°20	23°38	26°45	3°31	12° 8	0°18	26°36	26°22	25°36	16°17	T 3
W 4	7 23 32	21°32'38	4♉35	13°15	20°16	4°38	23°48	26°48	3°34	12°10	0°18	26°36	26°18	25°43	16°19	W 4
T 5	7 27 29	22°33'41	18°42	14°52	21°30	4°56	23°58	26°50	3°36	12°13	0°19	26°34	26°15	25°50	16°22	T 5
F 6	7 31 25	23°34'43	2♊49	16°29	22°44	5°13	24° 9	26°53	3°39	12°15	0°20	26°31	26°12	25°56	16°24	F 6
S 7	7 35 22	24°35'44	16°53	18° 7	23°58	5°29	24°19	26°55	3°42	12°17	0°20	26°25	26° 9	26° 3	16°27	S 7
S 8	7 39 18	25°36'44	0♋53	19°45	25°12	5°45	24°30	26°57	3°45	12°19	0°21	26°15	26° 6	26°10	16°29	S 8
M 9	7 43 15	26°37'44	14°43	21°24	26°27	6° 1	24°41	26°59	3°48	12°22	0°22	26° 3	26° 2	26°16	16°32	M 9
T 10	7 47 11	27°38'42	28°21	23° 3	27°41	6°16	24°51	27° 1	3°51	12°24	0°22	25°50	25°59	26°23	16°35	T 10
W11	7 51 8	28°39'39	11♌41	24°44	28°55	6°31	25° 2	27° 3	3°54	12°26	0°23	25°37	25°56	26°30	16°37	W11
T 12	7 55 5	29°40'35	24°43	26°25	0♑ 9	6°45	25°13	27° 4	3°57	12°28	0°24	25°25	25°53	26°36	16°40	T 12
F 13	7 59 1	0♒41'30	7♍25	28° 6	1°23	6°59	25°24	27° 6	4° 0	12°30	0°25	25°15	25°50	26°43	16°43	F 13
S 14	8 2 58	1°42'25	19°49	29°49	2°38	7°12	25°36	27° 8	4° 3	12°33	0°26	25° 8	25°47	26°49	16°46	S 14
S 15	8 6 54	2°43'18	1♎57	1♒32	3°52	7°25	25°47	27° 9	4° 6	12°35	0°27	25° 3	25°43	26°56	16°48	S 15
M16	8 10 51	3°44'11	13°53	3°15	5° 6	7°37	25°59	27°10	4° 9	12°37	0°27	25° 1	25°40	27° 3	16°51	M16
T 17	8 14 47	4°45'02	25°42	5° 0	6°20	7°49	26°10	27°11	4°12	12°39	0°28	25°D 1	25°37	27° 9	16°54	T 17
W18	8 18 44	5°45'53	7♏30	6°45	7°35	8° 0	26°22	27°13	4°15	12°41	0°29	25°R 1	25°34	27°16	16°57	W18
T 19	8 22 40	6°46'43	19°21	8°31	8°49	8°10	26°33	27°14	4°18	12°43	0°30	25° 0	25°31	27°23	17° 0	T 19
F 20	8 26 37	7°47'32	1♐22	10°17	10° 3	8°20	26°45	27°14	4°21	12°46	0°31	24°58	25°28	27°29	17° 3	F 20
S 21	8 30 34	8°48'19	13°38	12° 4	11°18	8°29	26°57	27°15	4°24	12°48	0°32	24°53	25°24	27°36	17° 6	S 21
S 22	8 34 30	9°49'06	26°12	13°52	12°32	8°38	27° 9	27°16	4°28	12°50	0°33	24°46	25°21	27°43	17° 9	S 22
M23	8 38 27	10°49'52	9♑ 8	15°41	13°46	8°46	27°21	27°16	4°31	12°52	0°34	24°36	25°18	27°49	17°12	M23
T 24	8 42 23	11°50'37	22°25	17°30	15° 1	8°54	27°33	27°17	4°34	12°54	0°35	24°24	25°15	27°56	17°16	T 24
W25	8 46 20	12°51'20	6♒ 4	19°19	16°15	9° 1	27°46	27°17	4°37	12°56	0°36	24°12	25°12	28° 3	17°19	W25
T 26	8 50 16	13°52'02	20° 1	21° 9	17°29	9° 7	27°58	27°18	4°41	12°58	0°37	24° 0	25° 8	28° 9	17°22	T 26
F 27	8 54 13	14°52'42	4♓12	22°59	18°44	9°13	28°10	27°18	4°44	13° 0	0°38	23°50	25° 5	28°16	17°25	F 27
S 28	8 58 9	15°53'20	18°30	24°49	19°58	9°17	28°23	27°R18	4°47	13° 2	0°39	23°43	25° 2	28°22	17°28	S 28
S 29	9 2 6	16°53'57	2♈51	26°39	21°12	9°22	28°36	27°18	4°50	13° 4	0°40	23°39	24°59	28°29	17°32	S 29
M30	9 6 3	17°54'32	17°11	28°28	22°27	9°25	28°48	27°18	4°54	13° 6	0°42	23°D37	24°56	28°36	17°35	M30
T 31	9 9 59	18♒55'06	1♉25	0♓17	23♑41	9♎28	29♓ 1	27♎17	4♓57	13♑ 8	0♈43	23♈37	24♈53	28♎42	17♓38	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22s15	5s37	2s50	24s38	1s23	21s40	1n11	0n58	2n41	3s49	1s15	8s 0	2n29	10s59	0s45	22s18	0n41	15s17	16s50	10n19	10n15	9s46	1s43	4n 4
M 2	22 6	0n58	1 44	24 36	1 28	21 50	1 8	0 52	2 42	3 45	1 15	8 1	2 29	10 58	0 44	22 18	0 41	15 17	16 50	10 18	10 14	9 49	1 43	4 3
T 3	21 57	7 32	0 32	24 33	1 32	21 59	1 6	0 46	2 43	3 41	1 15	8 2	2 30	10 57	0 44	22 18	0 41	15 16	16 49	10 18	10 13	9 52	1 42	4 3
W 4	21 48	13 45	0n42	24 28	1 37	22 7	1 3	0 40	2 44	3 37	1 15	8 2	2 30	10 56	0 44	22 17	0 41	15 16	16 49	10 18	10 11	9 56	1 41	4 3
T 5	21 38	19 17	1 54	24 22	1 41	22 15	1 0	0 34	2 45	3 32	1 14	8 3	2 30	10 55	0 44	22 17	0 41	15 15	16 49	10 17	10 10	9 59	1 40	4 3
F 6	21 28	23 43	2 59	24 14	1 44	22 22	0 58	0 28	2 46	3 28	1 14	8 3	2 30	10 54	0 44	22 17	0 41	15 14	16 48	10 16	10 9	10 2	1 40	4 3
S 7	21 17	26 44	3 52	24 5	1 48	22 29	0 55	0 22	2 47	3 24	1 14	8 4	2 31	10 53	0 44	22 17	0 41	15 14	16 48	10 14	10 8	10 5	1 39	4 2
S 8	21 6	28 3	4 32	23 54	1 51	22 35	0 52	0 17	2 49	3 19	1 14	8 5	2 31	10 51	0 44	22 17	0 41	15 13	16 48	10 10	10 7	10 9	1 38	4 2
M 9	20 54	27 35	4 54	23 42	1 54	22 40	0 49	0 12	2 50	3 15	1 14	8 5	2 31	10 50	0 44	22 16	0 41	15 13	16 47	10 6	10 6	10 12	1 37	4 2
T 10	20 43	25 27	5 0	23 28	1 57	22 44	0 46	0 7	2 51	3 10	1 13	8 5	2 31	10 49	0 44	22 16	0 41	15 12	16 47	10 1	10 4	10 15	1 36	4 2
W11	20 30	21 57	4 48	23 12	1 59	22 48	0 43	0 2	2 52	3 6	1 13	8 6	2 32	10 48	0 44	22 16	0 41	15 12	16 47	9 56	10 3	10 18	1 36	4 1
T 12	20 18	17 27	4 22	22 55	2 1	22 51	0 41	0s 3	2 53	3 1	1 13	8 6	2 32	10 47	0 44	22 16	0 41	15 11	16 46	9 52	10 2	10 21	1 35	4 1
F 13	20 5	12 16	3 43	22 37	2 2	22 53	0 38	0 7	2 54	2 57	1 13	8 7	2 32	10 46	0 44	22 16	0 41	15 10	16 46	9 48	10 1	10 25	1 34	4 1
S 14	19 51	6 44	2 55	22 16	2 3	22 55	0 35	0 11	2 55	2 52	1 13	8 7	2 33	10 45	0 44	22 15	0 41	15 10	16 46	9 46	10 0	10 28	1 33	4 1
S 15	19 37	1 3	1 59	21 54	2 4	22 56	0 32	0 15	2 56	2 47	1 13	8 7	2 33	10 44	0 44	22 15	0 41	15 9	16 45	9 44	9 59	10 31	1 32	4 1
M16	19 23	4s36	0 59	21 31	2 4	22 57	0 29	0 19	2 57	2 43	1 12	8 7	2 33	10 43	0 44	22 15	0 41	15 8	16 45	9 43	9 57	10 34	1 31	4 0
T 17	19 9	10 2	0s 4	21 5	2 4	22 56	0 26	0 23	2 59	2 38	1 12	8 8	2 33	10 41	0 44	22 15	0 41	15 8	16 45	9 43	9 56	10 38	1 30	4 0
W18	18 54	15 6	1 6	20 38	2 3	22 55	0 23	0 26	3 0	2 33	1 12	8 8	2 34	10 40	0 44	22 15	0 41	15 7	16 44	9 43	9 55	10 41	1 29	4 0
T 19	18 39	19 38	2 5	20 10	2 2	22 54	0 21	0 29	3 1	2 28	1 12	8 8	2 34	10 39	0 44	22 14	0 41	15 7	16 44	9 43	9 54	10 44	1 28	4 0
F 20	18 23	23 27	3 0	19 40	2 1	22 51	0 18	0 32	3 2	2 24	1 12	8 8	2 34	10 38	0 44	22 14	0 41	15 6	16 44	9 42	9 53	10 47	1 27	4 0
S 21	18 7	26 17	3 48	19 8	1 58	22 48	0 15	0 35	3 3	2 19	1 12	8 8	2 34	10 37	0 44	22 14	0 41	15 5	16 44	9 40	9 52	10 51	1 26	3 59
S 22	17 51	27 54	4 25	18 34	1 56	22 44	0 12	0 37	3 4	2 14	1 11	8 8	2 35	10 36	0 44	22 14	0 41	15 5	16 43	9 38	9 51	10 54	1 25	3 59
M23	17 35	28 3	4 51	17 59	1 53	22 40	0 9	0 39	3 5	2 9	1 11	8 8	2 35	10 34	0 44	22 14	0 41	15 4	16 43	9 34	9 49	10 57	1 24	3 59
T 24	17 18	26 36	5 1	17 23	1 49	22 35	0 6	0 41	3 6	2 4	1 11	8 8	2 35	10 33	0 44	22 13	0 41	15 3	16 43	9 30	9 48	11 0	1 23	3 59
W25	17 1	23 35	4 55	16 44	1 45	22 29	0 3	0 43	3 8	1 59	1 11	8 8	2 35	10 32	0 44	22 13	0 41	15 3	16 42	9 25	9 47	11 3	1 22	3 59
T 26	16 44	19 9	4 32	16 5	1 40	22 22	0 1	0 44	3 9	1 54	1 11	8 8	2 36	10 31	0 44	22 13	0 41	15 2	16 42	9 21	9 46	11 7	1 21	3 58
F 27	16 26	13 35	3 51	15 23	1 34	22 15	0s 2	0 45	3 10	1 49	1 11	8 7	2 36	10 30	0 44	22 13	0 41	15 1	16 42	9 17	9 45	11 10	1 20	3 58
S 28	16 8	7 15	2 55	14 41	1 28	22 7	0 5	0 46	3 11	1 43	1 11	8 7	2 36	10 28	0 44	22 13	0 41	15 1	16 42	9 14	9 44	11 13	1 19	3 58
S 29	15 50	0 31	1 48	13 57	1 21	21 59	0 8	0 47	3 12	1 38	1 10	8 7	2 36	10 27	0 44	22 12	0 41	15 0	16 41	9 13	9 42	11 16	1 18	3 58
M30	15 31	6n15	0 34	13 12	1 13	21 49	0 10	0 48	3 13	1 33	1 10	8 7	2 37	10 26	0 44	22 12	0 41	14 59	16 41	9 12	9 41	11 19	1 17	3 58
T 31	15s12	12n40	0n42	12s26	1s 5	21s39	0s13	0s48	3n14	1s28	1s10	8s 6	2n37	10s25	0s44	22s12	0n41	14s59	16s41	9n12	9n40	11s23	1s15	3n58

Julian Day Number = 2208666.5, Delta T = 09m31s
Ecliptic obliquity = 23°31'40, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°27'54, Lahiri = 14°34'55 Julian Calendar 1 Jan. 1335 == Greg. Calendar 9 Jan. 1335

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ASTRODIENST EPHEMERIS for the year 1335
geocentric

FEBRUARY 1335 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	9 13 56	19♒55'37	15♉33	2♓ 6	24♑56	9♎30	29♓14	27°R17	5♓ 0	13♑10	0♈44	23°R38	24♈49	28♎49	17♓42	W 1
T 2	9 17 52	20°56'07	29°34	3°53	26°10	9°32	29°27	27♎17	5° 4	13°12	0°45	23♈38	24°46	28°56	17°45	T 2
F 3	9 21 49	21°56'34	13♊26	5°39	27°24	9°R32	29°39	27°16	5° 7	13°14	0°46	23°35	24°43	29° 2	17°48	F 3
S 4	9 25 45	22°57'00	27° 9	7°23	28°39	9°32	29°52	27°15	5°11	13°15	0°47	23°31	24°40	29° 9	17°52	S 4
S 5	9 29 42	23°57'24	10♋44	9° 4	29°53	9°32	0♈ 6	27°14	5°14	13°17	0°49	23°24	24°37	29°16	17°55	S 5
M 6	9 33 38	24°57'46	24° 7	10°43	1♒ 7	9°30	0°19	27°14	5°17	13°19	0°50	23°15	24°34	29°22	17°59	M 6
T 7	9 37 35	25°58'06	7♌19	12°18	2°22	9°28	0°32	27°13	5°21	13°21	0°51	23° 5	24°30	29°29	18° 2	T 7
W 8	9 41 32	26°58'24	20°18	13°50	3°36	9°25	0°45	27°12	5°24	13°23	0°52	22°54	24°27	29°36	18° 6	W 8
T 9	9 45 28	27°58'41	3♍ 2	15°16	4°50	9°21	0°58	27°10	5°28	13°24	0°54	22°44	24°24	29°42	18° 9	T 9
F 10	9 49 25	28°58'55	15°32	16°38	6° 5	9°17	1°12	27° 9	5°31	13°26	0°55	22°37	24°21	29°49	18°13	F 10
S 11	9 53 21	29°59'08	27°48	17°54	7°19	9°11	1°25	27° 8	5°34	13°28	0°56	22°31	24°18	29°56	18°16	S 11
S 12	9 57 18	0♓59'19	9♎52	19° 3	8°33	9° 5	1°39	27° 6	5°38	13°30	0°57	22°28	24°14	0♏ 2	18°20	S 12
M13	10 1 14	1°59'29	21°46	20° 6	9°48	8°59	1°52	27° 5	5°41	13°31	0°59	22°D27	24°11	0° 9	18°23	M13
T 14	10 5 11	2°59'37	3♏35	21° 1	11° 2	8°51	2° 6	27° 3	5°45	13°33	1° 0	22°28	24° 8	0°15	18°27	T 14
W15	10 9 7	3°59'43	15°22	21°48	12°16	8°43	2°19	27° 1	5°48	13°35	1° 1	22°29	24° 5	0°22	18°30	W15
T 16	10 13 4	4°59'47	27°14	22°27	13°31	8°33	2°33	26°59	5°52	13°36	1° 3	22°30	24° 2	0°29	18°34	T 16
F 17	10 17 1	5°59'50	9♐14	22°57	14°45	8°23	2°47	26°57	5°55	13°38	1° 4	22°R30	23°59	0°35	18°37	F 17
S 18	10 20 57	6°59'52	21°29	23°18	16° 0	8°13	3° 0	26°55	5°59	13°39	1° 5	22°29	23°55	0°42	18°41	S 18
S 19	10 24 54	7°59'52	4♑ 3	23°30	17°14	8° 1	3°14	26°53	6° 2	13°41	1° 7	22°26	23°52	0°49	18°45	S 19
M20	10 28 50	8°59'50	16°59	23°R33	18°28	7°49	3°28	26°51	6° 5	13°42	1° 8	22°21	23°49	0°55	18°48	M20
T 21	10 32 47	9°59'46	0♒21	23°27	19°43	7°36	3°42	26°49	6° 9	13°44	1° 9	22°15	23°46	1° 2	18°52	T 21
W22	10 36 43	10°59'41	14° 9	23°13	20°57	7°22	3°56	26°46	6°12	13°45	1°11	22° 8	23°43	1° 9	18°56	W22
T 23	10 40 40	11°59'34	28°20	22°50	22°11	7° 8	4°10	26°44	6°16	13°47	1°12	22° 1	23°40	1°15	18°59	T 23
F 24	10 44 36	12°59'24	12♓50	22°20	23°26	6°52	4°24	26°41	6°19	13°48	1°14	21°56	23°36	1°22	19° 3	F 24
S 25	10 48 33	13°59'13	27°32	21°43	24°40	6°37	4°38	26°39	6°23	13°49	1°15	21°52	23°33	1°29	19° 7	S 25
S 26	10 52 30	14°59'00	12♈20	21° 0	25°54	6°20	4°52	26°36	6°26	13°51	1°16	21°50	23°30	1°35	19°10	S 26
M27	10 56 26	15°58'44	27° 5	20°13	27° 9	6° 3	5° 6	26°33	6°29	13°52	1°18	21°D49	23°27	1°42	19°14	M27
T 28	11 0 23	16♓58'26	11♉42	19♓21	28♒23	5♎45	5♈20	26♎30	6♓33	13♑53	1♈19	21♈50	23♈24	1♏48	19♓18	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	14s53	18n23	1n54	11s39	0s56	21s29	0s16	0s48	3n15	1s23	1s10	8s 6	2n37	10s23	0s44	22s12	0n41	14s58	16s41	9n12	9n39	11s26	1s14	3n57
T 2	14 34	23 3	2 59	10 51	0 47	21 18	0 18	0 47	3 16	1 17	1 10	8 6	2 37	10 22	0 44	22 12	0 41	14 57	16 41	9 12	9 38	11 29	1 13	3 57
F 3	14 15	26 21	3 53	10 2	0 36	21 6	0 21	0 47	3 17	1 12	1 10	8 5	2 38	10 21	0 44	22 11	0 41	14 57	16 40	9 12	9 37	11 32	1 12	3 57
S 4	13 55	28 3	4 33	9 14	0 25	20 54	0 24	0 46	3 18	1 7	1 10	8 5	2 38	10 20	0 44	22 11	0 41	14 56	16 40	9 10	9 35	11 35	1 11	3 57
S 5	13 35	28 2	4 57	8 25	0 14	20 41	0 26	0 45	3 19	1 2	1 10	8 4	2 38	10 18	0 44	22 11	0 41	14 55	16 40	9 7	9 34	11 39	1 10	3 57
M 6	13 15	26 21	5 4	7 36	0 2	20 27	0 29	0 43	3 20	0 56	1 9	8 4	2 38	10 17	0 44	22 11	0 41	14 55	16 40	9 4	9 33	11 42	1 8	3 57
T 7	12 55	23 16	4 55	6 48	0n11	20 13	0 31	0 42	3 21	0 51	1 9	8 3	2 39	10 16	0 44	22 11	0 41	14 54	16 39	9 0	9 32	11 45	1 7	3 57
W 8	12 34	19 3	4 31	6 0	0 25	19 58	0 34	0 40	3 21	0 45	1 9	8 2	2 39	10 15	0 44	22 10	0 41	14 53	16 39	8 56	9 31	11 48	1 6	3 56
T 9	12 13	14 3	3 53	5 14	0 38	19 43	0 36	0 37	3 22	0 40	1 9	8 2	2 39	10 13	0 44	22 10	0 41	14 53	16 39	8 53	9 30	11 51	1 5	3 56
F 10	11 52	8 34	3 5	4 29	0 52	19 27	0 38	0 35	3 23	0 35	1 9	8 1	2 39	10 12	0 44	22 10	0 41	14 52	16 39	8 50	9 28	11 54	1 3	3 56
S 11	11 31	2 51	2 9	3 47	1 7	19 10	0 41	0 32	3 24	0 29	1 9	8 0	2 40	10 11	0 44	22 10	0 41	14 51	16 39	8 48	9 27	11 58	1 2	3 56
S 12	11 10	2s53	1 7	3 6	1 21	18 53	0 43	0 29	3 25	0 24	1 9	8 0	2 40	10 10	0 44	22 10	0 41	14 51	16 39	8 46	9 26	12 1	1 1	3 56
M13	10 48	8 27	0 4	2 28	1 36	18 35	0 45	0 26	3 25	0 18	1 9	7 59	2 40	10 8	0 44	22 10	0 41	14 50	16 38	8 46	9 25	12 4	1 0	3 56
T 14	10 27	13 42	1s 0	1 53	1 50	18 17	0 47	0 22	3 26	0 13	1 9	7 58	2 40	10 7	0 44	22 9	0 41	14 49	16 38	8 46	9 24	12 7	0 58	3 56
W15	10 5	18 26	2 1	1 21	2 5	17 58	0 50	0 18	3 27	0 7	1 8	7 57	2 41	10 6	0 44	22 9	0 41	14 49	16 38	8 47	9 22	12 10	0 57	3 56
T 16	9 43	22 29	2 57	0 53	2 19	17 39	0 52	0 14	3 27	0 2	1 8	7 56	2 41	10 5	0 44	22 9	0 41	14 48	16 38	8 47	9 21	12 13	0 56	3 55
F 17	9 21	25 38	3 46	0 29	2 32	17 20	0 54	0 10	3 28	0n 4	1 8	7 55	2 41	10 3	0 44	22 9	0 41	14 47	16 38	8 47	9 20	12 17	0 54	3 55
S 18	8 58	27 40	4 26	0 9	2 45	16 59	0 56	0 5	3 28	0 9	1 8	7 54	2 41	10 2	0 44	22 9	0 41	14 47	16 38	8 47	9 19	12 20	0 53	3 55
S 19	8 36	28 22	4 54	0n 6	2 56	16 39	0 58	0 0	3 28	0 15	1 8	7 53	2 42	10 1	0 44	22 9	0 41	14 46	16 37	8 46	9 18	12 23	0 52	3 55
M20	8 14	27 32	5 8	0 17	3 7	16 18	1 0	0n 5	3 29	0 21	1 8	7 52	2 42	9 59	0 44	22 8	0 41	14 45	16 37	8 44	9 17	12 26	0 50	3 55
T 21	7 51	25 8	5 6	0 24	3 16	15 56	1 1	0 10	3 29	0 26	1 8	7 51	2 42	9 58	0 44	22 8	0 41	14 45	16 37	8 42	9 15	12 29	0 49	3 55
W22	7 28	21 13	4 47	0 25	3 24	15 34	1 3	0 16	3 29	0 32	1 8	7 50	2 42	9 57	0 44	22 8	0 41	14 44	16 37	8 39	9 14	12 32	0 48	3 55
T 23	7 5	16 0	4 10	0 22	3 31	15 11	1 5	0 22	3 30	0 37	1 8	7 49	2 42	9 56	0 44	22 8	0 41	14 43	16 37	8 36	9 13	12 36	0 46	3 55
F 24	6 42	9 47	3 16	0 15	3 35	14 49	1 7	0 28	3 30	0 43	1 8	7 48	2 43	9 54	0 44	22 8	0 41	14 43	16 37	8 34	9 12	12 39	0 45	3 55
S 25	6 19	2 57	2 8	0 3	3 38	14 25	1 8	0 34	3 30	0 49	1 8	7 47	2 43	9 53	0 44	22 8	0 41	14 42	16 37	8 33	9 11	12 42	0 44	3 55
S 26	5 56	4n 6	0 52	0s13	3 39	14 2	1 10	0 41	3 30	0 54	1 7	7 46	2 43	9 52	0 44	22 8	0 41	14 41	16 37	8 32	9 10	12 45	0 42	3 55
M27	5 33	10 55	0n29	0 33	3 38	13 38	1 11	0 48	3 30	1 0	1 7	7 45	2 43	9 51	0 44	22 7	0 41	14 41	16 36	8 32	9 8	12 48	0 41	3 55
T 28	5s10	17n 5	1n46	0s56	3n35	13s13	1s13	0n55	3n29	1n 6	1s 7	7s43	2n43	9s49	0s44	22s 7	0n41	14s40	16s36	8n32	9n 7	12s51	0s40	3n54

Julian Day Number = 2208697.5, Delta T = 09m31s
Ecliptic obliquity = 23°31'41, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°27'58, Lahiri = 14°34'59 Julian Calendar 1 Feb. 1335 == Greg. Calendar 9 Feb. 1335

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ASTRODIENST EPHEMERIS for the year 1335
geocentric

MARCH 1335 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	11 4 19	17♓58'06	26♉ 5	18°R27	29♒37	5°R27	5♈34	26°R27	6♓36	13♑55	1♈21	21♈52	23♈20	1♏55	19♓21	W 1
T 2	11 8 16	18°57'44	10♊14	17♓32	0♓51	5♎ 8	5°48	26♎24	6°40	13°56	1°22	21°53	23°17	2° 2	19°25	T 2
F 3	11 12 12	19°57'19	24° 5	16°37	2° 6	4°48	6° 3	26°21	6°43	13°57	1°23	21°R53	23°14	2° 8	19°29	F 3
S 4	11 16 9	20°56'52	7♋40	15°42	3°20	4°28	6°17	26°18	6°46	13°58	1°25	21°52	23°11	2°15	19°32	S 4
S 5	11 20 5	21°56'23	20°59	14°50	4°34	4° 8	6°31	26°14	6°50	13°59	1°26	21°49	23° 8	2°22	19°36	S 5
M 6	11 24 2	22°55'52	4♌ 3	14° 1	5°49	3°47	6°45	26°11	6°53	14° 0	1°28	21°46	23° 5	2°28	19°40	M 6
T 7	11 27 59	23°55'18	16°53	13°15	7° 3	3°25	7° 0	26° 7	6°56	14° 1	1°29	21°41	23° 1	2°35	19°43	T 7
W 8	11 31 55	24°54'41	29°31	12°34	8°17	3° 4	7°14	26° 4	7° 0	14° 2	1°31	21°37	22°58	2°42	19°47	W 8
T 9	11 35 52	25°54'03	11♍56	11°58	9°31	2°42	7°28	26° 0	7° 3	14° 3	1°32	21°32	22°55	2°48	19°51	T 9
F 10	11 39 48	26°53'22	24°10	11°28	10°45	2°19	7°43	25°57	7° 6	14° 4	1°34	21°29	22°52	2°55	19°54	F 10
S 11	11 43 45	27°52'39	6♎15	11° 3	12° 0	1°57	7°57	25°53	7°10	14° 5	1°35	21°27	22°49	3° 2	19°58	S 11
S 12	11 47 41	28°51'54	18°12	10°43	13°14	1°34	8°11	25°49	7°13	14° 6	1°37	21°D26	22°45	3° 8	20° 2	S 12
M13	11 51 38	29°51'08	0♏ 3	10°30	14°28	1°11	8°26	25°45	7°16	14° 7	1°38	21°26	22°42	3°15	20° 5	M13
T 14	11 55 34	0♈50'19	11°50	10°22	15°42	0°48	8°40	25°42	7°19	14° 8	1°39	21°27	22°39	3°22	20° 9	T 14
W15	11 59 31	1°49'28	23°38	10°D21	16°56	0°25	8°55	25°38	7°23	14° 9	1°41	21°29	22°36	3°28	20°13	W15
T 16	12 3 28	2°48'36	5♐31	10°24	18°11	0° 2	9° 9	25°34	7°26	14°10	1°42	21°31	22°33	3°35	20°16	T 16
F 17	12 7 24	3°47'42	17°31	10°33	19°25	29♍38	9°23	25°30	7°29	14°10	1°44	21°32	22°30	3°41	20°20	F 17
S 18	12 11 21	4°46'46	29°45	10°47	20°39	29°15	9°38	25°26	7°32	14°11	1°45	21°R33	22°26	3°48	20°23	S 18
S 19	12 15 17	5°45'48	12♑15	11° 7	21°53	28°52	9°52	25°21	7°35	14°12	1°47	21°32	22°23	3°55	20°27	S 19
M20	12 19 14	6°44'49	25° 8	11°30	23° 7	28°29	10° 7	25°17	7°38	14°13	1°48	21°32	22°20	4° 1	20°31	M20
T 21	12 23 10	7°43'47	8♒26	11°59	24°21	28° 7	10°21	25°13	7°41	14°13	1°50	21°30	22°17	4° 8	20°34	T 21
W22	12 27 7	8°42'44	22°10	12°32	25°36	27°44	10°36	25° 9	7°45	14°14	1°51	21°29	22°14	4°15	20°38	W22
T 23	12 31 3	9°41'39	6♓22	13° 9	26°50	27°22	10°50	25° 5	7°48	14°14	1°53	21°27	22°11	4°21	20°41	T 23
F 24	12 35 0	10°40'32	20°57	13°49	28° 4	27° 0	11° 5	25° 0	7°51	14°15	1°54	21°26	22° 7	4°28	20°45	F 24
S 25	12 38 56	11°39'23	5♈50	14°34	29°18	26°38	11°19	24°56	7°54	14°15	1°55	21°25	22° 4	4°35	20°48	S 25
S 26	12 42 53	12°38'12	20°54	15°22	0♈32	26°17	11°34	24°51	7°57	14°16	1°57	21°D25	22° 1	4°41	20°52	S 26
M27	12 46 50	13°36'59	6♉ 0	16°13	1°46	25°57	11°48	24°47	8° 0	14°16	1°58	21°25	21°58	4°48	20°55	M27
T 28	12 50 46	14°35'44	20°58	17° 7	3° 0	25°36	12° 2	24°43	8° 3	14°17	2° 0	21°26	21°55	4°55	20°59	T 28
W29	12 54 43	15°34'27	5♊43	18° 4	4°14	25°17	12°17	24°38	8° 5	14°17	2° 1	21°26	21°51	5° 1	21° 2	W29
T 30	12 58 39	16°33'08	20° 7	19° 5	5°28	24°58	12°31	24°34	8° 8	14°17	2° 3	21°27	21°48	5° 8	21° 5	T 30
F 31	13 2 36	17♈31'46	4♋ 9	20♓ 8	6♈42	24♍39	12♈46	24♎29	8♓11	14♑18	2♈ 4	21♈27	21♈45	5♏15	21♓ 9	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	4s46	22n12	2n56	1s21	3n30	12s48	1s14	1n 2	3n29	1n11	1s 7	7s42	2n44	9s48	0s44	22s 7	0n41	14s39	16s36	8n33	9n 6	12s54	0s38	3n54
T 2	4 23	25 55	3 54	1 49	3 24	12 23	1 16	1 9	3 29	1 17	1 7	7 41	2 44	9 47	0 44	22 7	0 41	14 39	16 36	8 33	9 5	12 58	0 37	3 54
F 3	4 0	28 0	4 37	2 18	3 15	11 58	1 17	1 16	3 28	1 23	1 7	7 39	2 44	9 46	0 44	22 7	0 41	14 38	16 36	8 33	9 4	13 1	0 35	3 54
S 4	3 36	28 21	5 3	2 49	3 5	11 32	1 18	1 24	3 28	1 29	1 7	7 38	2 44	9 44	0 44	22 7	0 41	14 38	16 36	8 33	9 2	13 4	0 34	3 54
S 5	3 13	27 2	5 13	3 19	2 54	11 6	1 19	1 31	3 27	1 34	1 7	7 37	2 44	9 43	0 44	22 7	0 41	14 37	16 36	8 32	9 1	13 7	0 33	3 54
M 6	2 49	24 16	5 6	3 50	2 41	10 39	1 20	1 39	3 27	1 40	1 7	7 35	2 44	9 42	0 44	22 6	0 41	14 36	16 36	8 31	9 0	13 10	0 31	3 54
T 7	2 25	20 20	4 43	4 20	2 28	10 13	1 21	1 47	3 26	1 46	1 7	7 34	2 45	9 41	0 44	22 6	0 41	14 36	16 36	8 29	8 59	13 13	0 30	3 54
W 8	2 2	15 33	4 8	4 49	2 13	9 46	1 22	1 55	3 25	1 51	1 7	7 33	2 45	9 39	0 44	22 6	0 41	14 35	16 36	8 27	8 58	13 16	0 28	3 54
T 9	1 38	10 12	3 20	5 16	1 59	9 19	1 23	2 3	3 24	1 57	1 7	7 31	2 45	9 38	0 44	22 6	0 41	14 34	16 36	8 26	8 57	13 19	0 27	3 54
F 10	1 14	4 32	2 24	5 42	1 43	8 51	1 24	2 11	3 23	2 3	1 7	7 30	2 45	9 37	0 44	22 6	0 41	14 34	16 36	8 24	8 55	13 22	0 26	3 54
S 11	0 51	1s13	1 23	6 6	1 28	8 23	1 25	2 19	3 22	2 9	1 7	7 28	2 45	9 36	0 44	22 6	0 41	14 33	16 36	8 24	8 54	13 26	0 24	3 54
S 12	0 27	6 53	0 18	6 27	1 12	7 56	1 25	2 26	3 21	2 14	1 7	7 27	2 45	9 34	0 44	22 6	0 41	14 33	16 36	8 23	8 53	13 29	0 23	3 54
M13	0 4	12 16	0s47	6 47	0 57	7 27	1 26	2 34	3 19	2 20	1 7	7 25	2 45	9 33	0 44	22 6	0 41	14 32	16 36	8 23	8 52	13 32	0 21	3 54
T 14	0n20	17 11	1 50	7 4	0 42	6 59	1 27	2 42	3 18	2 26	1 7	7 24	2 46	9 32	0 44	22 6	0 41	14 32	16 36	8 24	8 51	13 35	0 20	3 54
W15	0 44	21 28	2 49	7 18	0 27	6 31	1 27	2 50	3 17	2 32	1 7	7 22	2 46	9 31	0 44	22 5	0 41	14 31	16 36	8 24	8 49	13 38	0 19	3 54
T 16	1 7	24 55	3 40	7 30	0 12	6 2	1 27	2 58	3 15	2 37	1 7	7 21	2 46	9 30	0 44	22 5	0 41	14 30	16 36	8 25	8 48	13 41	0 17	3 54
F 17	1 31	27 18	4 23	7 40	0s 2	5 33	1 28	3 6	3 13	2 43	1 6	7 19	2 46	9 29	0 44	22 5	0 41	14 30	16 36	8 25	8 47	13 44	0 16	3 54
S 18	1 54	28 26	4 54	7 47	0 16	5 4	1 28	3 14	3 12	2 49	1 6	7 18	2 46	9 27	0 44	22 5	0 41	14 29	16 36	8 26	8 46	13 47	0 14	3 54
S 19	2 18	28 9	5 12	7 52	0 29	4 35	1 28	3 21	3 10	2 54	1 6	7 16	2 46	9 26	0 44	22 5	0 41	14 29	16 36	8 26	8 45	13 50	0 13	3 54
M20	2 41	26 22	5 16	7 55	0 41	4 6	1 28	3 29	3 8	3 0	1 6	7 14	2 46	9 25	0 44	22 5	0 41	14 28	16 36	8 25	8 44	13 53	0 12	3 54
T 21	3 5	23 6	5 3	7 55	0 53	3 36	1 29	3 36	3 6	3 6	1 6	7 13	2 46	9 24	0 44	22 5	0 41	14 28	16 36	8 25	8 42	13 56	0 10	3 54
W22	3 28	18 28	4 33	7 53	1 4	3 7	1 29	3 43	3 4	3 12	1 6	7 11	2 46	9 23	0 44	22 5	0 41	14 27	16 36	8 24	8 41	14 0	0 9	3 54
T 23	3 51	12 41	3 45	7 48	1 15	2 37	1 29	3 50	3 2	3 17	1 6	7 9	2 46	9 22	0 44	22 5	0 41	14 27	16 36	8 24	8 40	14 3	0 7	3 54
F 24	4 14	6 4	2 41	7 42	1 25	2 7	1 28	3 57	3 0	3 23	1 6	7 8	2 47	9 21	0 44	22 5	0 41	14 26	16 36	8 23	8 39	14 6	0 6	3 54
S 25	4 38	1n 1	1 25	7 33	1 35	1 38	1 28	4 3	2 58	3 29	1 6	7 6	2 47	9 19	0 44	22 5	0 41	14 25	16 36	8 23	8 38	14 9	0 5	3 54
S 26	5 1	8 9	0 3	7 23	1 44	1 8	1 28	4 10	2 56	3 34	1 6	7 5	2 47	9 18	0 44	22 5	0 41	14 25	16 36	8 23	8 36	14 12	0 3	3 54
M27	5 24	14 50	1n20	7 11	1 52	0 38	1 28	4 16	2 53	3 40	1 6	7 3	2 47	9 17	0 44	22 4	0 41	14 24	16 36	8 23	8 35	14 15	0 2	3 54
T 28	5 46	20 35	2 37	6 56	2 0	0 8	1 27	4 22	2 51	3 46	1 6	7 1	2 47	9 16	0 44	22 4	0 41	14 24	16 36	8 23	8 34	14 18	0 0	3 54
W29	6 9	24 59	3 42	6 40	2 7	0n22	1 27	4 27	2 48	3 51	1 6	7 0	2 47	9 15	0 44	22 4	0 41	14 23	16 36	8 23	8 33	14 21	0n 1	3 54
T 30	6 32	27 40	4 32	6 23	2 13	0 52	1 26	4 33	2 46	3 57	1 6	6 58	2 47	9 14	0 44	22 4	0 41	14 23	16 36	8 24	8 32	14 24	0 2	3 54
F 31	6n54	28n31	5n 3	6s 3	2s19	1n21	1s26	4n38	2n43	4n 3	1s 6	6s56	2n47	9s13	0s44	22s 4	0n41	14s22	16s37	8n24	8n30	14s27	0n 4	3n54

Julian Day Number = 2208725.5, Delta T = 09m31s
Ecliptic obliquity = 23°31'41, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°28'02, Lahiri = 14°35'03 Julian Calendar 1 March 1335 == Greg. Calendar 9 March 1335

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ASTRODIENST EPHEMERIS for the year 1335
geocentric

APRIL 1335 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	13 6 32	18♈30'22	17♋47	21♓13	7♈56	24°R21	13♈ 0	24°R25	8♓14	14♑18	2♈ 5	21°R27	21♈42	5♏21	21♓12	S 1
S 2	13 10 29	19°28'56	1♌ 2	22°22	9°11	24♍ 4	13°15	24♎20	8°17	14°18	2° 7	21♈27	21°39	5°28	21°15	S 2
M 3	13 14 26	20°27'28	13°57	23°32	10°25	23°47	13°29	24°16	8°20	14°18	2° 8	21°27	21°36	5°34	21°19	M 3
T 4	13 18 22	21°25'57	26°34	24°45	11°39	23°31	13°43	24°11	8°22	14°19	2°10	21°D27	21°32	5°41	21°22	T 4
W 5	13 22 19	22°24'24	8♍56	26° 0	12°53	23°16	13°58	24° 7	8°25	14°19	2°11	21°27	21°29	5°48	21°25	W 5
T 6	13 26 15	23°22'49	21° 7	27°18	14° 7	23° 1	14°12	24° 2	8°28	14°19	2°12	21°27	21°26	5°54	21°29	T 6
F 7	13 30 12	24°21'12	3♎ 8	28°37	15°20	22°47	14°27	23°57	8°30	14°19	2°14	21°27	21°23	6° 1	21°32	F 7
S 8	13 34 8	25°19'33	15° 3	29°59	16°34	22°34	14°41	23°53	8°33	14°19	2°15	21°27	21°20	6° 8	21°35	S 8
S 9	13 38 5	26°17'52	26°53	1♈22	17°48	22°22	14°55	23°48	8°35	14°R19	2°17	21°R27	21°17	6°14	21°38	S 9
M10	13 42 1	27°16'10	8♏42	2°48	19° 2	22°10	15° 9	23°44	8°38	14°19	2°18	21°27	21°13	6°21	21°41	M10
T 11	13 45 58	28°14'25	20°30	4°16	20°16	21°59	15°24	23°39	8°41	14°19	2°19	21°27	21°10	6°28	21°44	T 11
W12	13 49 54	29°12'39	2♐21	5°45	21°30	21°49	15°38	23°35	8°43	14°19	2°21	21°26	21° 7	6°34	21°48	W12
T 13	13 53 51	0♑10'51	14°17	7°17	22°44	21°40	15°52	23°30	8°45	14°19	2°22	21°24	21° 4	6°41	21°51	T 13
F 14	13 57 48	1° 9'02	26°22	8°51	23°58	21°31	16° 6	23°26	8°48	14°18	2°23	21°23	21° 1	6°48	21°54	F 14
S 15	14 1 44	2° 7'11	8♑37	10°26	25°12	21°24	16°21	23°21	8°50	14°18	2°25	21°22	20°57	6°54	21°57	S 15
S 16	14 5 41	3° 5'19	21° 8	12° 3	26°26	21°17	16°35	23°17	8°53	14°18	2°26	21°21	20°54	7° 1	22° 0	S 16
M17	14 9 37	4° 3'25	3♒58	13°42	27°40	21°11	16°49	23°12	8°55	14°18	2°27	21°D21	20°51	7° 8	22° 2	M17
T 18	14 13 34	5° 1'30	17° 9	15°23	28°54	21° 5	17° 3	23° 8	8°57	14°17	2°28	21°21	20°48	7°14	22° 5	T 18
W19	14 17 30	5°59'33	0♓45	17° 6	0♉ 8	21° 1	17°17	23° 3	8°59	14°17	2°30	21°22	20°45	7°21	22° 8	W19
T 20	14 21 27	6°57'35	14°46	18°51	1°21	20°57	17°31	22°59	9° 2	14°17	2°31	21°23	20°42	7°28	22°11	T 20
F 21	14 25 23	7°55'36	29°13	20°38	2°35	20°54	17°45	22°55	9° 4	14°16	2°32	21°24	20°38	7°34	22°14	F 21
S 22	14 29 20	8°53'35	14♈ 2	22°27	3°49	20°52	17°59	22°50	9° 6	14°16	2°33	21°R25	20°35	7°41	22°17	S 22
S 23	14 33 17	9°51'32	29° 6	24°17	5° 3	20°51	18°13	22°46	9° 8	14°16	2°35	21°25	20°32	7°47	22°19	S 23
M24	14 37 13	10°49'28	14♉19	26°10	6°17	20°D50	18°27	22°42	9°10	14°15	2°36	21°24	20°29	7°54	22°22	M24
T 25	14 41 10	11°47'23	29°29	28° 4	7°31	20°50	18°41	22°38	9°12	14°15	2°37	21°22	20°26	8° 1	22°25	T 25
W26	14 45 6	12°45'16	14♊28	0♉ 0	8°45	20°51	18°54	22°34	9°14	14°14	2°38	21°20	20°22	8° 7	22°27	W26
T 27	14 49 3	13°43'08	29° 7	1°58	9°58	20°53	19° 8	22°30	9°16	14°14	2°39	21°17	20°19	8°14	22°30	T 27
F 28	14 52 59	14°40'57	13♋21	3°58	11°12	20°55	19°22	22°25	9°18	14°13	2°40	21°14	20°16	8°21	22°33	F 28
S 29	14 56 56	15°38'45	27° 8	6° 0	12°26	20°58	19°36	22°21	9°20	14°12	2°42	21°12	20°13	8°27	22°35	S 29
S 30	15 0 52	16♉36'31	10♌27	8♉ 3	13♉40	21♍ 2	19♈49	22♎18	9♓21	14♑12	2♈43	21♈11	20♈10	8♏34	22♓38	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	7n17	27n35	5n17	5s42	2s24	1n51	1s25	4n43	2n41	4n 8	1s 6	6s54	2n47	9s12	0s44	22s 4	0n41	14s22	16s37	8n24	8n29	14s30	0n 5	3n54
S 2	7 39	25 6	5 13	5 19	2 29	2 21	1 25	4 47	2 38	4 14	1 6	6 53	2 47	9 11	0 44	22 4	0 41	14 22	16 37	8 24	8 28	14 33	0 6	3 54
M 3	8 1	21 23	4 54	4 55	2 33	2 51	1 24	4 52	2 36	4 19	1 6	6 51	2 47	9 10	0 44	22 4	0 41	14 21	16 37	8 24	8 27	14 36	0 8	3 54
T 4	8 23	16 47	4 20	4 29	2 36	3 21	1 23	4 55	2 33	4 25	1 6	6 49	2 47	9 9	0 44	22 4	0 41	14 21	16 37	8 24	8 26	14 39	0 9	3 54
W 5	8 45	11 34	3 35	4 1	2 39	3 51	1 22	4 59	2 30	4 31	1 6	6 48	2 47	9 8	0 45	22 4	0 41	14 20	16 37	8 24	8 24	14 42	0 10	3 54
T 6	9 7	6 0	2 41	3 32	2 41	4 20	1 21	5 2	2 28	4 36	1 6	6 46	2 47	9 7	0 45	22 4	0 41	14 20	16 37	8 24	8 23	14 45	0 12	3 54
F 7	9 28	0 17	1 40	3 2	2 43	4 50	1 20	5 6	2 25	4 42	1 6	6 44	2 47	9 6	0 45	22 4	0 42	14 19	16 37	8 24	8 22	14 48	0 13	3 54
S 8	9 50	5s24	0 36	2 31	2 44	5 19	1 19	5 8	2 22	4 47	1 6	6 43	2 47	9 5	0 45	22 4	0 42	14 19	16 37	8 24	8 21	14 51	0 14	3 54
S 9	10 11	10 52	0s30	1 58	2 44	5 48	1 18	5 11	2 20	4 53	1 6	6 41	2 47	9 4	0 45	22 4	0 42	14 19	16 38	8 24	8 20	14 54	0 16	3 54
M10	10 32	15 56	1 34	1 23	2 44	6 18	1 17	5 13	2 17	4 58	1 6	6 39	2 47	9 3	0 45	22 4	0 42	14 18	16 38	8 24	8 19	14 57	0 17	3 55
T 11	10 53	20 25	2 34	0 48	2 44	6 47	1 16	5 15	2 14	5 4	1 6	6 38	2 47	9 2	0 45	22 4	0 42	14 18	16 38	8 23	8 17	15 0	0 18	3 55
W12	11 14	24 6	3 28	0 11	2 42	7 16	1 15	5 16	2 11	5 9	1 6	6 36	2 47	9 1	0 45	22 4	0 42	14 17	16 38	8 23	8 16	15 3	0 20	3 55
T 13	11 35	26 47	4 13	0n27	2 41	7 44	1 13	5 17	2 9	5 15	1 6	6 35	2 47	9 0	0 45	22 4	0 42	14 17	16 38	8 23	8 15	15 6	0 21	3 55
F 14	11 55	28 16	4 47	1 6	2 38	8 13	1 12	5 18	2 6	5 20	1 6	6 33	2 47	8 59	0 45	22 4	0 42	14 17	16 38	8 22	8 14	15 9	0 22	3 55
S 15	12 15	28 23	5 9	1 46	2 35	8 42	1 11	5 19	2 3	5 26	1 6	6 31	2 47	8 59	0 45	22 4	0 42	14 16	16 39	8 22	8 13	15 12	0 23	3 55
S 16	12 35	27 4	5 17	2 27	2 32	9 10	1 9	5 19	2 0	5 31	1 6	6 30	2 47	8 58	0 45	22 4	0 42	14 16	16 39	8 22	8 11	15 15	0 25	3 55
M17	12 55	24 20	5 9	3 9	2 28	9 38	1 8	5 19	1 58	5 37	1 6	6 28	2 47	8 57	0 45	22 4	0 42	14 16	16 39	8 21	8 10	15 18	0 26	3 55
T 18	13 15	20 17	4 45	3 52	2 24	10 6	1 6	5 18	1 55	5 42	1 6	6 27	2 47	8 56	0 45	22 4	0 42	14 15	16 39	8 22	8 9	15 21	0 27	3 55
W19	13 34	15 4	4 5	4 36	2 19	10 33	1 4	5 18	1 52	5 47	1 7	6 25	2 47	8 55	0 45	22 4	0 42	14 15	16 39	8 22	8 8	15 24	0 28	3 55
T 20	13 53	8 55	3 9	5 22	2 13	11 1	1 3	5 17	1 50	5 53	1 7	6 23	2 46	8 54	0 45	22 4	0 42	14 15	16 40	8 22	8 7	15 27	0 29	3 55
F 21	14 12	2 9	2 0	6 7	2 7	11 28	1 1	5 15	1 47	5 58	1 7	6 22	2 46	8 54	0 45	22 4	0 42	14 14	16 40	8 23	8 5	15 30	0 31	3 55
S 22	14 31	4n56	0 41	6 54	2 1	11 55	0 59	5 14	1 44	6 3	1 7	6 20	2 46	8 53	0 45	22 4	0 42	14 14	16 40	8 23	8 4	15 33	0 32	3 56
S 23	14 49	11 51	0n42	7 41	1 54	12 21	0 57	5 12	1 42	6 8	1 7	6 19	2 46	8 52	0 45	22 4	0 42	14 14	16 40	8 23	8 3	15 36	0 33	3 56
M24	15 8	18 9	2 3	8 29	1 46	12 47	0 56	5 10	1 39	6 14	1 7	6 18	2 46	8 51	0 45	22 4	0 42	14 13	16 40	8 23	8 2	15 39	0 34	3 56
T 25	15 26	23 17	3 15	9 18	1 38	13 13	0 54	5 7	1 36	6 19	1 7	6 16	2 46	8 51	0 45	22 4	0 42	14 13	16 41	8 22	8 1	15 42	0 35	3 56
W26	15 43	26 48	4 12	10 7	1 30	13 39	0 52	5 5	1 34	6 24	1 7	6 15	2 46	8 50	0 45	22 4	0 42	14 13	16 41	8 21	7 59	15 45	0 36	3 56
T 27	16 1	28 23	4 52	10 56	1 21	14 4	0 50	5 2	1 31	6 29	1 7	6 13	2 46	8 49	0 45	22 4	0 42	14 13	16 41	8 20	7 58	15 48	0 38	3 56
F 28	16 18	28 2	5 12	11 45	1 12	14 29	0 48	4 58	1 29	6 35	1 7	6 12	2 46	8 49	0 45	22 4	0 42	14 12	16 41	8 19	7 57	15 51	0 39	3 56
S 29	16 35	25 56	5 13	12 35	1 3	14 54	0 46	4 55	1 26	6 40	1 7	6 10	2 46	8 48	0 45	22 5	0 42	14 12	16 42	8 18	7 56	15 54	0 40	3 56
S 30	16n52	22n27	4n57	13n25	0s53	15n18	0s44	4n51	1n24	6n45	1s 7	6s 9	2n45	8s47	0s45	22s 5	0n42	14s12	16s42	8n18	7n55	15s57	0n41	3n56

Julian Day Number = 2208756.5, Delta T = 09m31s
Ecliptic obliquity = 23°31'41, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°28'07, Lahiri = 14°35'07 Julian Calendar 1 Apr. 1335 == Greg. Calendar 9 Apr. 1335

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ASTRODIENST EPHEMERIS for the year 1335
geocentric

MAY 1335 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	15 4 49	17♉34'16	23♌21	10♉ 8	14♉54	21♍ 7	20♈ 3	22°R14	9♓23	14°R11	2♈44	21°D11	20♈ 7	8♏41	22♓40	M 1
T 2	15 8 46	18°31'58	5♍54	12°15	16° 8	21°12	20°16	22♎10	9°25	14♑10	2°45	21♈12	20° 3	8°47	22°42	T 2
W 3	15 12 42	19°29'39	18°10	14°23	17°21	21°18	20°30	22° 6	9°27	14°10	2°46	21°13	20° 0	8°54	22°45	W 3
T 4	15 16 39	20°27'19	0♎12	16°32	18°35	21°25	20°43	22° 2	9°28	14° 9	2°47	21°15	19°57	9° 1	22°47	T 4
F 5	15 20 35	21°24'57	12° 6	18°42	19°49	21°33	20°57	21°59	9°30	14° 8	2°48	21°16	19°54	9° 7	22°49	F 5
S 6	15 24 32	22°22'33	23°55	20°52	21° 3	21°41	21°10	21°55	9°31	14° 7	2°49	21°R17	19°51	9°14	22°52	S 6
S 7	15 28 28	23°20'08	5♏43	23° 4	22°16	21°49	21°23	21°51	9°33	14° 6	2°50	21°15	19°48	9°21	22°54	S 7
M 8	15 32 25	24°17'42	17°31	25°15	23°30	21°59	21°37	21°48	9°34	14° 5	2°51	21°13	19°44	9°27	22°56	M 8
T 9	15 36 21	25°15'15	29°23	27°27	24°44	22° 9	21°50	21°44	9°36	14° 4	2°52	21° 9	19°41	9°34	22°58	T 9
W10	15 40 18	26°12'46	11♐21	29°39	25°58	22°19	22° 3	21°41	9°37	14° 4	2°53	21° 3	19°38	9°41	23° 0	W10
T 11	15 44 15	27°10'17	23°25	1♊50	27°11	22°31	22°16	21°38	9°38	14° 3	2°54	20°57	19°35	9°47	23° 2	T 11
F 12	15 48 11	28° 7'46	5♑39	4° 0	28°25	22°42	22°29	21°35	9°40	14° 2	2°55	20°51	19°32	9°54	23° 4	F 12
S 13	15 52 8	29° 5'15	18° 3	6° 9	29°39	22°55	22°42	21°31	9°41	14° 1	2°56	20°45	19°28	10° 1	23° 6	S 13
S 14	15 56 4	0♊ 2'42	0♒40	8°17	0♊52	23° 8	22°55	21°28	9°42	14° 0	2°57	20°40	19°25	10° 7	23° 8	S 14
M15	16 0 1	1° 0'09	13°32	10°23	2° 6	23°21	23° 8	21°25	9°43	13°59	2°58	20°37	19°22	10°14	23°10	M15
T 16	16 3 57	1°57'35	26°41	12°28	3°20	23°35	23°21	21°22	9°44	13°57	2°58	20°D35	19°19	10°21	23°11	T 16
W17	16 7 54	2°55'01	10♓10	14°31	4°34	23°50	23°33	21°20	9°45	13°56	2°59	20°35	19°16	10°27	23°13	W17
T 18	16 11 51	3°52'25	24° 1	16°32	5°47	24° 5	23°46	21°17	9°46	13°55	3° 0	20°36	19°13	10°34	23°15	T 18
F 19	16 15 47	4°49'49	8♈14	18°31	7° 1	24°21	23°59	21°14	9°47	13°54	3° 1	20°38	19° 9	10°40	23°17	F 19
S 20	16 19 44	5°47'13	22°48	20°27	8°15	24°37	24°11	21°12	9°48	13°53	3° 2	20°R38	19° 6	10°47	23°18	S 20
S 21	16 23 40	6°44'35	7♉40	22°21	9°29	24°54	24°24	21° 9	9°49	13°52	3° 2	20°37	19° 3	10°54	23°20	S 21
M22	16 27 37	7°41'58	22°43	24°13	10°42	25°11	24°36	21° 7	9°50	13°51	3° 3	20°34	19° 0	11° 0	23°21	M22
T 23	16 31 33	8°39'19	7♊48	26° 2	11°56	25°28	24°48	21° 4	9°51	13°49	3° 4	20°29	18°57	11° 7	23°23	T 23
W24	16 35 30	9°36'40	22°47	27°49	13°10	25°47	25° 1	21° 2	9°51	13°48	3° 5	20°22	18°54	11°14	23°24	W24
T 25	16 39 26	10°34'00	7♋31	29°33	14°23	26° 5	25°13	21° 0	9°52	13°47	3° 5	20°14	18°50	11°20	23°25	T 25
F 26	16 43 23	11°31'19	21°51	1♌15	15°37	26°24	25°25	20°58	9°53	13°45	3° 6	20° 7	18°47	11°27	23°27	F 26
S 27	16 47 20	12°28'37	5♌44	2°54	16°51	26°44	25°37	20°56	9°53	13°44	3° 7	20° 0	18°44	11°34	23°28	S 27
S 28	16 51 16	13°25'54	19° 9	4°31	18° 5	27° 4	25°49	20°54	9°54	13°43	3° 7	19°56	18°41	11°40	23°29	S 28
M29	16 55 13	14°23'11	2♍ 6	6° 5	19°18	27°24	26° 0	20°52	9°54	13°42	3° 8	19°53	18°38	11°47	23°30	M29
T 30	16 59 9	15°20'26	14°40	7°36	20°32	27°45	26°12	20°50	9°54	13°40	3° 8	19°D52	18°34	11°54	23°31	T 30
W31	17 3 6	16♊17'41	26♍55	9♋ 5	21♊46	28♍ 6	26♈24	20♎49	9♓55	13♑39	3♈ 9	19♈53	18♈31	12♏ 0	23♓32	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	17n 8	17n59	4n27	14n14	0s43	15n42	0s42	4n47	1n21	6n50	1s 7	6s 8	2n45	8s47	0s45	22s 5	0n42	14s12	16s42	8n18	7n53	16s 0	0n42	3n56
T 2	17 24	12 51	3 44	15 3	0 33	16 5	0 40	4 42	1 19	6 55	1 7	6 6	2 45	8 46	0 45	22 5	0 42	14 12	16 42	8 18	7 52	16 3	0 43	3 57
W 3	17 40	7 20	2 52	15 52	0 22	16 28	0 38	4 38	1 16	7 0	1 7	6 5	2 45	8 45	0 45	22 5	0 42	14 11	16 43	8 18	7 51	16 6	0 44	3 57
T 4	17 56	1 39	1 53	16 39	0 12	16 51	0 35	4 33	1 14	7 5	1 7	6 4	2 45	8 45	0 45	22 5	0 42	14 11	16 43	8 19	7 50	16 9	0 45	3 57
F 5	18 11	4s 2	0 50	17 26	0 1	17 13	0 33	4 28	1 12	7 10	1 7	6 3	2 45	8 44	0 45	22 5	0 42	14 11	16 43	8 20	7 49	16 12	0 46	3 57
S 6	18 26	9 32	0s14	18 12	0n10	17 35	0 31	4 22	1 9	7 15	1 7	6 2	2 44	8 44	0 45	22 5	0 42	14 11	16 43	8 20	7 47	16 15	0 47	3 57
S 7	18 41	14 42	1 18	18 56	0 20	17 56	0 29	4 17	1 7	7 20	1 7	6 0	2 44	8 43	0 46	22 5	0 42	14 11	16 44	8 19	7 46	16 18	0 48	3 57
M 8	18 55	19 20	2 19	19 38	0 30	18 17	0 27	4 11	1 5	7 25	1 8	5 59	2 44	8 43	0 46	22 5	0 42	14 11	16 44	8 18	7 45	16 21	0 49	3 57
T 9	19 9	23 14	3 13	20 19	0 40	18 38	0 24	4 5	1 3	7 30	1 8	5 58	2 44	8 42	0 46	22 5	0 42	14 11	16 44	8 17	7 44	16 24	0 50	3 57
W10	19 23	26 11	4 0	20 58	0 50	18 58	0 22	3 59	1 0	7 34	1 8	5 57	2 44	8 42	0 46	22 5	0 42	14 10	16 44	8 15	7 43	16 26	0 51	3 58
T 11	19 36	27 57	4 36	21 35	1 0	19 17	0 20	3 52	0 58	7 39	1 8	5 56	2 44	8 41	0 46	22 5	0 42	14 10	16 45	8 12	7 41	16 29	0 52	3 58
F 12	19 49	28 24	5 0	22 9	1 9	19 36	0 17	3 46	0 56	7 44	1 8	5 55	2 43	8 41	0 46	22 6	0 42	14 10	16 45	8 10	7 40	16 32	0 53	3 58
S 13	20 2	27 25	5 10	22 41	1 17	19 54	0 15	3 39	0 54	7 49	1 8	5 54	2 43	8 40	0 46	22 6	0 42	14 10	16 45	8 8	7 39	16 35	0 54	3 58
S 14	20 14	25 3	5 6	23 10	1 25	20 12	0 13	3 32	0 52	7 53	1 8	5 53	2 43	8 40	0 46	22 6	0 42	14 10	16 46	8 6	7 38	16 38	0 54	3 58
M15	20 26	21 23	4 46	23 36	1 32	20 29	0 10	3 24	0 50	7 58	1 8	5 52	2 43	8 40	0 46	22 6	0 42	14 10	16 46	8 5	7 36	16 41	0 55	3 58
T 16	20 38	16 36	4 11	24 0	1 39	20 46	0 8	3 17	0 48	8 3	1 8	5 51	2 43	8 39	0 46	22 6	0 42	14 10	16 46	8 4	7 35	16 44	0 56	3 58
W17	20 49	10 53	3 22	24 22	1 45	21 2	0 6	3 9	0 46	8 7	1 8	5 50	2 42	8 39	0 46	22 6	0 42	14 10	16 47	8 4	7 34	16 47	0 57	3 59
T 18	21 0	4 31	2 19	24 40	1 50	21 18	0 3	3 1	0 44	8 12	1 8	5 49	2 42	8 39	0 46	22 6	0 42	14 10	16 47	8 5	7 33	16 50	0 58	3 59
F 19	21 11	2n15	1 7	24 56	1 54	21 33	0 1	2 53	0 42	8 17	1 8	5 49	2 42	8 38	0 46	22 6	0 42	14 10	16 47	8 5	7 32	16 53	0 59	3 59
S 20	21 21	9 5	0n12	25 9	1 58	21 47	0n 1	2 45	0 40	8 21	1 9	5 48	2 42	8 38	0 46	22 6	0 42	14 10	16 47	8 5	7 30	16 55	0 59	3 59
S 21	21 31	15 33	1 31	25 19	2 1	22 1	0 4	2 37	0 38	8 26	1 9	5 47	2 42	8 38	0 46	22 7	0 42	14 10	16 48	8 5	7 29	16 58	1 0	3 59
M22	21 40	21 10	2 44	25 28	2 4	22 14	0 6	2 28	0 36	8 30	1 9	5 46	2 41	8 37	0 46	22 7	0 42	14 10	16 48	8 4	7 28	17 1	1 1	3 59
T 23	21 50	25 25	3 47	25 33	2 5	22 27	0 9	2 19	0 34	8 34	1 9	5 46	2 41	8 37	0 46	22 7	0 42	14 10	16 48	8 2	7 27	17 4	1 2	4 0
W24	21 58	27 52	4 33	25 36	2 6	22 39	0 11	2 10	0 32	8 39	1 9	5 45	2 41	8 37	0 46	22 7	0 42	14 10	16 49	7 59	7 26	17 7	1 2	4 0
T 25	22 7	28 18	5 0	25 38	2 6	22 50	0 13	2 1	0 30	8 43	1 9	5 44	2 41	8 37	0 46	22 7	0 42	14 10	16 49	7 56	7 24	17 10	1 3	4 0
F 26	22 15	26 48	5 7	25 37	2 5	23 1	0 16	1 52	0 28	8 47	1 9	5 44	2 40	8 36	0 46	22 7	0 42	14 10	16 49	7 53	7 23	17 13	1 4	4 0
S 27	22 23	23 41	4 56	25 33	2 4	23 10	0 18	1 43	0 27	8 52	1 9	5 43	2 40	8 36	0 46	22 7	0 42	14 10	16 50	7 51	7 22	17 16	1 4	4 0
S 28	22 30	19 23	4 28	25 29	2 2	23 20	0 20	1 33	0 25	8 56	1 9	5 43	2 40	8 36	0 46	22 7	0 42	14 10	16 50	7 49	7 21	17 18	1 5	4 0
M29	22 37	14 18	3 48	25 22	1 59	23 28	0 23	1 23	0 23	9 0	1 10	5 42	2 40	8 36	0 46	22 8	0 42	14 10	16 51	7 48	7 20	17 21	1 5	4 0
T 30	22 43	8 47	2 58	25 13	1 55	23 36	0 25	1 13	0 21	9 4	1 10	5 42	2 40	8 36	0 46	22 8	0 42	14 10	16 51	7 48	7 18	17 24	1 6	4 1
W31	22n49	3n 4	2n 0	25n 3	1n51	23n44	0n27	1n 3	0n20	9n 8	1s10	5s42	2n39	8s36	0s46	22s 8	0n42	14s10	16s51	7n48	7n17	17s27	1n 7	4n 1

Julian Day Number = 2208786.5, Delta T = 09m31s
Ecliptic obliquity = 23°31'41, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°28'11, Lahiri = 14°35'11 Julian Calendar 1 May 1335 == Greg. Calendar 9 May 1335

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ASTRODIENST EPHEMERIS for the year 1335
geocentric

JUNE 1335 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	17 7 2	17♊14'54	8♎55	10♋31	22♊59	28♍28	26♈35	20°R47	9♓55	13°R37	3♈10	19♈54	18♈28	12♏ 7	23♓33	T 1
F 2	17 10 59	18°12'08	20°47	11°54	24°13	28°50	26°47	20♎46	9°55	13♑36	3°10	19°R54	18°25	12°14	23°34	F 2
S 3	17 14 55	19° 9'20	2♏35	13°15	25°27	29°13	26°58	20°44	9°56	13°35	3°11	19°53	18°22	12°20	23°35	S 3
S 4	17 18 52	20° 6'32	14°22	14°33	26°40	29°35	27°10	20°43	9°56	13°33	3°11	19°50	18°19	12°27	23°36	S 4
M 5	17 22 49	21° 3'43	26°14	15°48	27°54	29°59	27°21	20°42	9°56	13°32	3°12	19°45	18°15	12°34	23°37	M 5
T 6	17 26 45	22° 0'54	8♐12	17° 1	29° 8	0♎22	27°32	20°41	9°56	13°30	3°12	19°37	18°12	12°40	23°38	T 6
W 7	17 30 42	22°58'04	20°19	18°10	0♋21	0°46	27°43	20°40	9°R56	13°29	3°12	19°27	18° 9	12°47	23°38	W 7
T 8	17 34 38	23°55'15	2♑36	19°16	1°35	1°10	27°54	20°39	9°56	13°27	3°13	19°16	18° 6	12°54	23°39	T 8
F 9	17 38 35	24°52'25	15° 4	20°19	2°49	1°35	28° 5	20°38	9°56	13°26	3°13	19° 5	18° 3	13° 0	23°40	F 9
S 10	17 42 31	25°49'35	27°43	21°20	4° 2	2° 0	28°15	20°37	9°56	13°24	3°14	18°54	18° 0	13° 7	23°40	S 10
S 11	17 46 28	26°46'44	10♒34	22°16	5°16	2°25	28°26	20°37	9°56	13°23	3°14	18°45	17°56	13°14	23°41	S 11
M12	17 50 24	27°43'54	23°37	23°10	6°30	2°51	28°37	20°36	9°56	13°21	3°14	18°38	17°53	13°20	23°41	M12
T 13	17 54 21	28°41'04	6♓53	24° 0	7°43	3°17	28°47	20°36	9°55	13°20	3°15	18°34	17°50	13°27	23°41	T 13
W14	17 58 18	29°38'14	20°23	24°47	8°57	3°43	28°57	20°36	9°55	13°18	3°15	18°32	17°47	13°34	23°42	W14
T 15	18 2 14	0♋35'24	4♈ 9	25°29	10°11	4°10	29° 8	20°35	9°55	13°16	3°15	18°D32	17°44	13°40	23°42	T 15
F 16	18 6 11	1°32'34	18°11	26° 9	11°24	4°37	29°18	20°35	9°54	13°15	3°15	18°R32	17°40	13°47	23°42	F 16
S 17	18 10 7	2°29'45	2♉30	26°44	12°38	5° 4	29°28	20°D35	9°54	13°13	3°16	18°32	17°37	13°54	23°42	S 17
S 18	18 14 4	3°26'56	17° 2	27°15	13°52	5°31	29°38	20°35	9°53	13°12	3°16	18°29	17°34	14° 0	23°42	S 18
M19	18 18 0	4°24'08	1♊46	27°42	15° 5	5°59	29°47	20°36	9°53	13°10	3°16	18°24	17°31	14° 7	23°R42	M19
T 20	18 21 57	5°21'20	16°33	28° 4	16°19	6°27	29°57	20°36	9°52	13° 8	3°16	18°17	17°28	14°14	23°42	T 20
W21	18 25 53	6°18'32	1♋18	28°22	17°33	6°56	0♉ 6	20°36	9°51	13° 7	3°16	18° 7	17°25	14°20	23°42	W21
T 22	18 29 50	7°15'44	15°51	28°36	18°46	7°24	0°16	20°37	9°51	13° 5	3°16	17°56	17°21	14°27	23°42	T 22
F 23	18 33 47	8°12'56	0♌ 5	28°45	20° 0	7°53	0°25	20°37	9°50	13° 4	3°16	17°45	17°18	14°34	23°42	F 23
S 24	18 37 43	9°10'09	13°56	28°R49	21°14	8°22	0°34	20°38	9°49	13° 2	3°16	17°35	17°15	14°40	23°42	S 24
S 25	18 41 40	10° 7'21	27°21	28°49	22°28	8°52	0°43	20°39	9°48	13° 0	3°16	17°27	17°12	14°47	23°42	S 25
M26	18 45 36	11° 4'34	10♍19	28°43	23°41	9°22	0°52	20°40	9°48	12°59	3°R16	17°22	17° 9	14°54	23°41	M26
T 27	18 49 33	12° 1'46	22°55	28°33	24°55	9°51	1° 1	20°41	9°47	12°57	3°16	17°19	17° 6	15° 0	23°41	T 27
W28	18 53 29	12°58'59	5♎10	28°18	26° 9	10°22	1°10	20°42	9°46	12°56	3°16	17°18	17° 2	15° 7	23°40	W28
T 29	18 57 26	13°56'12	17°12	27°59	27°22	10°52	1°18	20°43	9°45	12°54	3°16	17°18	16°59	15°14	23°40	T 29
F 30	19 1 23	14♋53'25	29♎ 4	27♋35	28♋36	11♎23	1♉27	20♎44	9♓44	12♑52	3♈16	17♈18	16♈56	15♏20	23♓39	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n55	2s39	0n59	24n52	1n46	23n50	0n30	0n53	0n18	9n12	1s10	5s41	2n39	8s36	0s46	22s 8	0n42	14s10	16s52	7n48	7n16	17s30	1n 7	4n 1
F 2	23 0	8 13	0s 5	24 39	1 40	23 56	0 32	0 43	0 16	9 16	1 10	5 41	2 39	8 36	0 47	22 8	0 42	14 10	16 52	7 49	7 15	17 33	1 8	4 1
S 3	23 5	13 28	1 7	24 25	1 34	24 1	0 34	0 32	0 15	9 20	1 10	5 41	2 39	8 36	0 47	22 8	0 42	14 11	16 52	7 48	7 13	17 35	1 8	4 1
S 4	23 9	18 14	2 7	24 10	1 27	24 5	0 36	0 22	0 13	9 24	1 10	5 40	2 38	8 36	0 47	22 8	0 42	14 11	16 53	7 47	7 12	17 38	1 9	4 1
M 5	23 14	22 19	3 1	23 54	1 19	24 9	0 39	0 11	0 11	9 28	1 10	5 40	2 38	8 36	0 47	22 9	0 42	14 11	16 53	7 45	7 11	17 41	1 9	4 2
T 6	23 17	25 30	3 48	23 37	1 11	24 12	0 41	0 0	0 10	9 32	1 11	5 40	2 38	8 36	0 47	22 9	0 42	14 11	16 53	7 42	7 10	17 44	1 10	4 2
W 7	23 20	27 35	4 25	23 19	1 2	24 14	0 43	0s11	0 8	9 36	1 11	5 40	2 38	8 36	0 47	22 9	0 42	14 11	16 54	7 38	7 9	17 47	1 10	4 2
T 8	23 23	28 20	4 50	23 1	0 53	24 16	0 45	0 22	0 7	9 40	1 11	5 40	2 37	8 36	0 47	22 9	0 42	14 11	16 54	7 34	7 7	17 50	1 10	4 2
F 9	23 26	27 40	5 2	22 42	0 43	24 17	0 47	0 33	0 5	9 44	1 11	5 40	2 37	8 36	0 47	22 9	0 42	14 12	16 54	7 30	7 6	17 52	1 11	4 2
S 10	23 28	25 35	4 59	22 22	0 33	24 17	0 49	0 45	0 4	9 47	1 11	5 40	2 37	8 36	0 47	22 9	0 42	14 12	16 55	7 26	7 5	17 55	1 11	4 2
S 11	23 29	22 10	4 41	22 2	0 22	24 16	0 51	0 56	0 2	9 51	1 11	5 40	2 37	8 36	0 47	22 9	0 42	14 12	16 55	7 22	7 4	17 58	1 11	4 3
M12	23 30	17 36	4 9	21 42	0 10	24 15	0 53	1 8	0 1	9 55	1 11	5 40	2 36	8 36	0 47	22 10	0 42	14 12	16 55	7 20	7 3	18 1	1 12	4 3
T 13	23 31	12 9	3 22	21 21	0s 2	24 13	0 55	1 19	0s 1	9 58	1 11	5 40	2 36	8 36	0 47	22 10	0 42	14 12	16 56	7 18	7 1	18 4	1 12	4 3
W14	23 32	6 1	2 24	21 1	0 15	24 10	0 57	1 31	0 2	10 2	1 12	5 40	2 36	8 36	0 47	22 10	0 42	14 13	16 56	7 18	7 0	18 6	1 12	4 3
T 15	23 32	0n30	1 16	20 40	0 28	24 7	0 59	1 43	0 4	10 5	1 12	5 40	2 35	8 36	0 47	22 10	0 42	14 13	16 57	7 17	6 59	18 9	1 13	4 3
F 16	23 31	7 8	0 2	20 20	0 41	24 2	1 1	1 55	0 5	10 9	1 12	5 40	2 35	8 37	0 47	22 10	0 42	14 13	16 57	7 17	6 58	18 12	1 13	4 3
S 17	23 30	13 32	1n13	20 0	0 55	23 58	1 2	2 7	0 6	10 12	1 12	5 41	2 35	8 37	0 47	22 10	0 42	14 13	16 57	7 17	6 56	18 15	1 13	4 4
S 18	23 29	19 18	2 25	19 40	1 9	23 52	1 4	2 19	0 8	10 15	1 12	5 41	2 35	8 37	0 47	22 11	0 42	14 14	16 58	7 16	6 55	18 17	1 13	4 4
M19	23 27	23 59	3 28	19 20	1 23	23 46	1 6	2 31	0 9	10 19	1 12	5 41	2 34	8 37	0 47	22 11	0 42	14 14	16 58	7 14	6 54	18 20	1 13	4 4
T 20	23 25	27 6	4 17	19 1	1 38	23 39	1 7	2 44	0 10	10 22	1 13	5 42	2 34	8 38	0 47	22 11	0 42	14 14	16 58	7 12	6 53	18 23	1 14	4 4
W21	23 23	28 20	4 48	18 43	1 53	23 31	1 9	2 56	0 12	10 25	1 13	5 42	2 34	8 38	0 47	22 11	0 42	14 14	16 59	7 8	6 52	18 26	1 14	4 4
T 22	23 20	27 34	5 1	18 26	2 8	23 22	1 11	3 9	0 13	10 28	1 13	5 42	2 34	8 38	0 47	22 11	0 42	14 15	16 59	7 4	6 50	18 28	1 14	4 4
F 23	23 16	25 0	4 54	18 10	2 23	23 13	1 12	3 21	0 14	10 31	1 13	5 43	2 33	8 38	0 47	22 11	0 42	14 15	17 0	6 59	6 49	18 31	1 14	4 5
S 24	23 13	21 1	4 30	17 54	2 38	23 3	1 14	3 34	0 15	10 34	1 13	5 43	2 33	8 39	0 47	22 12	0 42	14 15	17 0	6 56	6 48	18 34	1 14	4 5
S 25	23 8	16 4	3 52	17 40	2 52	22 53	1 15	3 47	0 17	10 37	1 13	5 44	2 33	8 39	0 47	22 12	0 42	14 16	17 0	6 53	6 47	18 37	1 14	4 5
M26	23 4	10 32	3 2	17 27	3 7	22 42	1 16	4 0	0 18	10 40	1 14	5 45	2 33	8 39	0 47	22 12	0 42	14 16	17 1	6 51	6 45	18 39	1 14	4 5
T 27	22 59	4 45	2 5	17 15	3 21	22 30	1 18	4 13	0 19	10 43	1 14	5 45	2 32	8 40	0 47	22 12	0 42	14 16	17 1	6 49	6 44	18 42	1 14	4 5
W28	22 54	1s 5	1 4	17 4	3 35	22 17	1 19	4 26	0 20	10 46	1 14	5 46	2 32	8 40	0 47	22 12	0 42	14 17	17 1	6 49	6 43	18 45	1 14	4 5
T 29	22 48	6 46	0 1	16 55	3 48	22 4	1 20	4 39	0 21	10 49	1 14	5 46	2 32	8 41	0 48	22 12	0 42	14 17	17 2	6 49	6 42	18 48	1 14	4 6
F 30	22n42	12s 9	1s 2	16n48	4s 0	21n50	1n21	4s52	0s23	10n52	1s14	5s47	2n31	8s41	0s48	22s13	0n42	14s17	17s 2	6n49	6n41	18s50	1n14	4n 6

Julian Day Number = 2208817.5, Delta T = 09m30s
Ecliptic obliquity = 23°31'40, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°28'15, Lahiri = 14°35'15 Julian Calendar 1 June 1335 == Greg. Calendar 9 June 1335

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ASTRODIENST EPHEMERIS for the year 1335
geocentric

JULY 1335 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	19 5 19	15♋50'38	10♏52	27°R 8	29♋50	11♎54	1♉35	20♎46	9°R43	12°R51	3°R16	17°R16	16♈53	15♏27	23°R39	S 1
S 2	19 9 16	16°47'51	22°42	26♋36	1♌ 3	12°25	1°43	20°47	9♓41	12♑49	3♈16	17♈13	16°50	15°34	23♓38	S 2
M 3	19 13 12	17°45'05	4♐38	26° 1	2°17	12°56	1°51	20°49	9°40	12°47	3°16	17° 7	16°46	15°40	23°37	M 3
T 4	19 17 9	18°42'20	16°43	25°23	3°30	13°28	1°59	20°50	9°39	12°46	3°16	16°58	16°43	15°47	23°37	T 4
W 5	19 21 5	19°39'34	29° 0	24°44	4°44	14° 0	2° 7	20°52	9°38	12°44	3°16	16°47	16°40	15°54	23°36	W 5
T 6	19 25 2	20°36'49	11♑31	24° 2	5°58	14°32	2°14	20°54	9°37	12°43	3°15	16°34	16°37	16° 0	23°35	T 6
F 7	19 28 58	21°34'05	24°16	23°19	7°11	15° 4	2°22	20°56	9°35	12°41	3°15	16°21	16°34	16° 7	23°34	F 7
S 8	19 32 55	22°31'22	7♒14	22°37	8°25	15°37	2°29	20°58	9°34	12°39	3°15	16° 9	16°31	16°14	23°33	S 8
S 9	19 36 52	23°28'39	20°25	21°55	9°39	16° 9	2°36	21° 0	9°32	12°38	3°15	15°59	16°27	16°20	23°32	S 9
M10	19 40 48	24°25'57	3♓47	21°14	10°52	16°42	2°43	21° 2	9°31	12°36	3°14	15°51	16°24	16°27	23°31	M10
T 11	19 44 45	25°23'16	17°20	20°35	12° 6	17°15	2°50	21° 4	9°30	12°35	3°14	15°46	16°21	16°34	23°30	T 11
W12	19 48 41	26°20'36	1♈ 2	19°59	13°19	17°49	2°56	21° 7	9°28	12°33	3°14	15°44	16°18	16°40	23°29	W12
T 13	19 52 38	27°17'57	14°53	19°27	14°33	18°22	3° 3	21° 9	9°26	12°32	3°13	15°D43	16°15	16°47	23°28	T 13
F 14	19 56 34	28°15'19	28°53	18°59	15°47	18°56	3° 9	21°12	9°25	12°30	3°13	15°R43	16°12	16°54	23°26	F 14
S 15	20 0 31	29°12'43	13♉ 2	18°35	17° 0	19°30	3°16	21°15	9°23	12°28	3°13	15°43	16° 8	17° 0	23°25	S 15
S 16	20 4 27	0♌10'07	27°19	18°17	18°14	20° 4	3°22	21°17	9°22	12°27	3°12	15°41	16° 5	17° 7	23°24	S 16
M17	20 8 24	1° 7'34	11♊40	18° 4	19°27	20°38	3°27	21°20	9°20	12°25	3°12	15°36	16° 2	17°14	23°22	M17
T 18	20 12 21	2° 5'01	26° 4	17°58	20°41	21°13	3°33	21°23	9°18	12°24	3°11	15°29	15°59	17°20	23°21	T 18
W19	20 16 17	3° 2'29	10♋24	17°D57	21°55	21°47	3°39	21°26	9°16	12°22	3°11	15°19	15°56	17°27	23°19	W19
T 20	20 20 14	3°59'59	24°35	18° 4	23° 8	22°22	3°44	21°29	9°15	12°21	3°10	15° 8	15°52	17°34	23°18	T 20
F 21	20 24 10	4°57'30	8♌31	18°16	24°22	22°57	3°49	21°32	9°13	12°19	3°10	14°57	15°49	17°40	23°16	F 21
S 22	20 28 7	5°55'02	22° 9	18°36	25°35	23°32	3°54	21°36	9°11	12°18	3° 9	14°48	15°46	17°47	23°15	S 22
S 23	20 32 3	6°52'34	5♍25	19° 2	26°49	24° 8	3°59	21°39	9° 9	12°17	3° 9	14°40	15°43	17°54	23°13	S 23
M24	20 36 0	7°50'08	18°19	19°36	28° 3	24°43	4° 4	21°42	9° 7	12°15	3° 8	14°35	15°40	18° 0	23°11	M24
T 25	20 39 56	8°47'43	0♎52	20°16	29°16	25°19	4° 8	21°46	9° 5	12°14	3° 7	14°32	15°37	18° 7	23° 9	T 25
W26	20 43 53	9°45'19	13° 7	21° 2	0♍30	25°55	4°13	21°50	9° 3	12°12	3° 7	14°D31	15°33	18°14	23° 8	W26
T 27	20 47 50	10°42'55	25° 9	21°56	1°43	26°31	4°17	21°53	9° 1	12°11	3° 6	14°31	15°30	18°20	23° 6	T 27
F 28	20 51 46	11°40'33	7♏ 2	22°55	2°57	27° 7	4°21	21°57	8°59	12°10	3° 6	14°R32	15°27	18°27	23° 4	F 28
S 29	20 55 43	12°38'12	18°52	24° 1	4°10	27°43	4°25	22° 1	8°57	12° 8	3° 5	14°31	15°24	18°34	23° 2	S 29
S 30	20 59 39	13°35'52	0♐43	25°13	5°24	28°20	4°28	22° 5	8°55	12° 7	3° 4	14°30	15°21	18°40	23° 0	S 30
M31	21 3 36	14♌33'33	12♐42	26♋31	6♍37	28♎57	4♉32	22♎ 9	8♓53	12♑ 6	3♈ 4	14♈26	15♈18	18♏47	22♓58	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n35	17s 4	2s 1	16n42	4s11	21n36	1n22	5s 5	0s24	10n54	1s14	5s48	2n31	8s41	0s48	22s13	0n42	14s18	17s 2	6n48	6n39	18s53	1n14	4n 6
S 2	22 28	21 21	2 56	16 38	4 22	21 21	1 23	5 18	0 25	10 57	1 15	5 49	2 31	8 42	0 48	22 13	0 42	14 18	17 3	6 47	6 38	18 56	1 14	4 6
M 3	22 21	24 47	3 43	16 35	4 31	21 5	1 24	5 32	0 26	11 0	1 15	5 50	2 31	8 42	0 48	22 13	0 42	14 19	17 3	6 45	6 37	18 58	1 13	4 6
T 4	22 13	27 10	4 20	16 34	4 39	20 49	1 25	5 45	0 27	11 2	1 15	5 50	2 30	8 43	0 48	22 13	0 42	14 19	17 4	6 41	6 36	19 1	1 13	4 6
W 5	22 5	28 18	4 46	16 35	4 45	20 32	1 26	5 58	0 28	11 5	1 15	5 51	2 30	8 43	0 48	22 13	0 42	14 19	17 4	6 37	6 35	19 4	1 13	4 6
T 6	21 56	27 59	4 59	16 38	4 50	20 15	1 27	6 12	0 29	11 7	1 15	5 52	2 30	8 44	0 48	22 14	0 42	14 20	17 4	6 32	6 33	19 7	1 13	4 7
F 7	21 48	26 13	4 57	16 42	4 53	19 57	1 27	6 25	0 30	11 9	1 15	5 53	2 30	8 44	0 48	22 14	0 42	14 20	17 5	6 27	6 32	19 9	1 13	4 7
S 8	21 38	23 3	4 40	16 47	4 54	19 38	1 28	6 39	0 31	11 12	1 16	5 54	2 29	8 45	0 48	22 14	0 42	14 21	17 5	6 23	6 31	19 12	1 12	4 7
S 9	21 29	18 39	4 8	16 54	4 54	19 19	1 28	6 53	0 32	11 14	1 16	5 55	2 29	8 46	0 48	22 14	0 42	14 21	17 5	6 19	6 30	19 15	1 12	4 7
M10	21 19	13 18	3 22	17 3	4 51	19 0	1 29	7 6	0 33	11 16	1 16	5 56	2 29	8 46	0 48	22 14	0 42	14 21	17 6	6 16	6 28	19 17	1 12	4 7
T 11	21 8	7 14	2 24	17 12	4 47	18 40	1 29	7 20	0 34	11 18	1 16	5 57	2 29	8 47	0 48	22 14	0 42	14 22	17 6	6 14	6 27	19 20	1 12	4 7
W12	20 58	0 46	1 17	17 23	4 42	18 19	1 30	7 34	0 35	11 20	1 16	5 59	2 28	8 47	0 48	22 15	0 42	14 22	17 6	6 13	6 26	19 23	1 11	4 7
T 13	20 47	5n49	0 4	17 35	4 35	17 58	1 30	7 47	0 36	11 22	1 17	6 0	2 28	8 48	0 48	22 15	0 42	14 23	17 7	6 13	6 25	19 25	1 11	4 8
F 14	20 35	12 12	1n 9	17 47	4 26	17 36	1 30	8 1	0 37	11 24	1 17	6 1	2 28	8 49	0 48	22 15	0 42	14 23	17 7	6 13	6 23	19 28	1 11	4 8
S 15	20 23	18 1	2 19	18 1	4 16	17 14	1 30	8 15	0 38	11 26	1 17	6 2	2 28	8 49	0 48	22 15	0 42	14 24	17 7	6 12	6 22	19 31	1 10	4 8
S 16	20 11	22 54	3 21	18 14	4 4	16 51	1 31	8 29	0 39	11 28	1 17	6 3	2 27	8 50	0 48	22 15	0 42	14 24	17 8	6 12	6 21	19 33	1 10	4 8
M17	19 59	26 25	4 11	18 28	3 52	16 28	1 31	8 43	0 40	11 30	1 17	6 5	2 27	8 51	0 48	22 15	0 42	14 25	17 8	6 10	6 20	19 36	1 9	4 8
T 18	19 46	28 13	4 45	18 42	3 38	16 5	1 31	8 56	0 41	11 32	1 18	6 6	2 27	8 51	0 48	22 16	0 41	14 25	17 8	6 7	6 19	19 39	1 9	4 8
W19	19 33	28 7	5 1	18 57	3 24	15 41	1 30	9 10	0 42	11 33	1 18	6 7	2 27	8 52	0 48	22 16	0 41	14 26	17 9	6 3	6 17	19 41	1 8	4 8
T 20	19 20	26 10	4 58	19 11	3 9	15 17	1 30	9 24	0 43	11 35	1 18	6 9	2 26	8 53	0 48	22 16	0 41	14 26	17 9	5 59	6 16	19 44	1 8	4 9
F 21	19 6	22 39	4 37	19 25	2 54	14 52	1 30	9 38	0 44	11 37	1 18	6 10	2 26	8 53	0 48	22 16	0 41	14 27	17 9	5 55	6 15	19 46	1 7	4 9
S 22	18 52	17 58	4 1	19 38	2 38	14 27	1 30	9 52	0 45	11 38	1 18	6 12	2 26	8 54	0 48	22 16	0 41	14 27	17 10	5 51	6 14	19 49	1 7	4 9
S 23	18 37	12 32	3 12	19 50	2 21	14 1	1 29	10 6	0 46	11 40	1 19	6 13	2 26	8 55	0 48	22 16	0 41	14 28	17 10	5 48	6 12	19 52	1 6	4 9
M24	18 23	6 42	2 15	20 2	2 5	13 35	1 29	10 20	0 47	11 41	1 19	6 15	2 25	8 55	0 48	22 16	0 41	14 28	17 10	5 46	6 11	19 54	1 6	4 9
T 25	18 8	0 45	1 12	20 12	1 49	13 9	1 28	10 34	0 47	11 42	1 19	6 16	2 25	8 56	0 48	22 17	0 41	14 29	17 11	5 45	6 10	19 57	1 5	4 9
W26	17 52	5s 5	0 7	20 21	1 32	12 42	1 28	10 48	0 48	11 44	1 19	6 18	2 25	8 57	0 48	22 17	0 41	14 29	17 11	5 44	6 9	19 59	1 4	4 9
T 27	17 37	10 39	0s57	20 29	1 16	12 15	1 27	11 2	0 49	11 45	1 20	6 19	2 25	8 58	0 48	22 17	0 41	14 30	17 11	5 45	6 8	20 2	1 4	4 9
F 28	17 21	15 45	1 57	20 35	1 0	11 48	1 26	11 15	0 50	11 46	1 20	6 21	2 24	8 59	0 48	22 17	0 41	14 30	17 12	5 45	6 6	20 5	1 3	4 9
S 29	17 5	20 16	2 53	20 39	0 44	11 21	1 25	11 29	0 51	11 47	1 20	6 23	2 24	8 59	0 48	22 17	0 41	14 31	17 12	5 45	6 5	20 7	1 3	4 9
S 30	16 48	23 59	3 41	20 41	0 29	10 53	1 25	11 43	0 51	11 48	1 20	6 24	2 24	9 0	0 48	22 17	0 41	14 31	17 12	5 44	6 4	20 10	1 2	4 10
M31	16n32	26s42	4s20	20n41	0s15	10n25	1n24	11s57	0s52	11n49	1s20	6s26	2n24	9s 1	0s48	22s18	0n41	14s32	17s12	5n43	6n 3	20s12	1n 1	4n10

Julian Day Number = 2208847.5, Delta T = 09m30s
Ecliptic obliquity = 23°31'40, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°28'19, Lahiri = 14°35'19 Julian Calendar 1 July 1335 == Greg. Calendar 9 July 1335

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ASTRODIENST EPHEMERIS for the year 1335
geocentric

AUGUST 1335 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	21 7 32	15♌31'15	24♐52	27♋54	7♍51	29♎33	4♉35	22♎13	8°R51	12°R 4	3°R 3	14°R20	15♈14	18♏54	22°R56	T 1
W 2	21 11 29	16°28'58	7♑16	29°22	9° 4	0♏10	4°38	22°17	8♓49	12♑ 3	3♈ 2	14♈12	15°11	19° 0	22♓54	W 2
T 3	21 15 25	17°26'43	19°58	0♌55	10°18	0°48	4°41	22°21	8°46	12° 2	3° 1	14° 3	15° 8	19° 7	22°52	T 3
F 4	21 19 22	18°24'29	2♒58	2°33	11°31	1°25	4°44	22°26	8°44	12° 0	3° 1	13°53	15° 5	19°14	22°50	F 4
S 5	21 23 19	19°22'16	16°15	4°14	12°44	2° 2	4°46	22°30	8°42	11°59	3° 0	13°44	15° 2	19°20	22°47	S 5
S 6	21 27 15	20°20'05	29°48	5°59	13°58	2°40	4°48	22°35	8°40	11°58	2°59	13°36	14°58	19°27	22°45	S 6
M 7	21 31 12	21°17'55	13♓35	7°46	15°11	3°18	4°51	22°39	8°38	11°57	2°58	13°31	14°55	19°34	22°43	M 7
T 8	21 35 8	22°15'47	27°31	9°37	16°25	3°55	4°53	22°44	8°35	11°56	2°57	13°28	14°52	19°40	22°41	T 8
W 9	21 39 5	23°13'40	11♈34	11°29	17°38	4°33	4°54	22°48	8°33	11°55	2°57	13°D26	14°49	19°47	22°38	W 9
T 10	21 43 1	24°11'35	25°42	13°24	18°51	5°12	4°56	22°53	8°31	11°54	2°56	13°27	14°46	19°54	22°36	T 10
F 11	21 46 58	25° 9'33	9♉52	15°20	20° 5	5°50	4°57	22°58	8°28	11°52	2°55	13°28	14°43	20° 0	22°34	F 11
S 12	21 50 54	26° 7'32	24° 2	17°16	21°18	6°28	4°58	23° 3	8°26	11°51	2°54	13°R29	14°39	20° 7	22°31	S 12
S 13	21 54 51	27° 5'33	8♊11	19°14	22°31	7° 7	4°59	23° 8	8°24	11°50	2°53	13°28	14°36	20°14	22°29	S 13
M14	21 58 48	28° 3'37	22°17	21°12	23°45	7°45	5° 0	23°13	8°21	11°49	2°52	13°26	14°33	20°20	22°26	M14
T 15	22 2 44	29° 1'42	6♋19	23° 9	24°58	8°24	5° 0	23°18	8°19	11°48	2°51	13°22	14°30	20°27	22°24	T 15
W16	22 6 41	29°59'49	20°13	25° 7	26°11	9° 3	5° 1	23°23	8°17	11°47	2°50	13°16	14°27	20°34	22°21	W16
T 17	22 10 37	0♍57'58	3♌57	27° 5	27°25	9°42	5°R 1	23°28	8°14	11°47	2°49	13° 9	14°24	20°40	22°19	T 17
F 18	22 14 34	1°56'09	17°28	29° 1	28°38	10°22	5° 1	23°34	8°12	11°46	2°48	13° 2	14°20	20°47	22°16	F 18
S 19	22 18 30	2°54'22	0♍45	0♍58	29°51	11° 1	5° 1	23°39	8°10	11°45	2°47	12°56	14°17	20°54	22°14	S 19
S 20	22 22 27	3°52'36	13°44	2°53	1♎ 4	11°40	5° 0	23°44	8° 7	11°44	2°46	12°51	14°14	21° 0	22°11	S 20
M21	22 26 23	4°50'52	26°26	4°48	2°18	12°20	5° 0	23°50	8° 5	11°43	2°45	12°48	14°11	21° 7	22° 9	M21
T 22	22 30 20	5°49'10	8♎52	6°41	3°31	13° 0	4°59	23°55	8° 2	11°42	2°44	12°D46	14° 8	21°14	22° 6	T 22
W23	22 34 17	6°47'30	21° 3	8°34	4°44	13°40	4°58	24° 1	8° 0	11°42	2°43	12°47	14° 4	21°20	22° 3	W23
T 24	22 38 13	7°45'51	3♏ 3	10°25	5°57	14°20	4°56	24° 6	7°58	11°41	2°42	12°48	14° 1	21°27	22° 1	T 24
F 25	22 42 10	8°44'14	14°55	12°16	7°10	15° 0	4°55	24°12	7°55	11°40	2°41	12°50	13°58	21°34	21°58	F 25
S 26	22 46 6	9°42'39	26°45	14° 5	8°23	15°40	4°53	24°18	7°53	11°39	2°40	12°51	13°55	21°40	21°55	S 26
S 27	22 50 3	10°41'05	8♐37	15°54	9°37	16°20	4°51	24°24	7°50	11°39	2°39	12°R52	13°52	21°47	21°52	S 27
M28	22 53 59	11°39'33	20°35	17°41	10°50	17° 1	4°49	24°30	7°48	11°38	2°38	12°52	13°49	21°54	21°50	M28
T 29	22 57 56	12°38'03	2♑46	19°27	12° 3	17°41	4°47	24°35	7°46	11°38	2°37	12°50	13°45	22° 0	21°47	T 29
W30	23 1 52	13°36'34	15°12	21°12	13°16	18°22	4°44	24°41	7°43	11°37	2°36	12°47	13°42	22° 7	21°44	W30
T 31	23 5 49	14♍35'07	27♑58	22♍56	14♎29	19♏ 3	4♉42	24♎47	7♓41	11♑36	2♈35	12♈43	13♈39	22♏14	21♓42	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	16n15	28s13	4s48	20n39	0s 1	9n56	1n23	12s11	0s53	11n50	1s21	6s28	2n23	9s 2	0s48	22s18	0n41	14s32	17s13	5n40	6n 1	20s15	1n 0	4n10
W 2	15 57	28 22	5 3	20 34	0n12	9 27	1 22	12 25	0 54	11 51	1 21	6 30	2 23	9 3	0 48	22 18	0 41	14 33	17 13	5 37	6 0	20 18	1 0	4 10
T 3	15 40	27 2	5 3	20 26	0 25	8 59	1 20	12 39	0 55	11 51	1 21	6 31	2 23	9 3	0 48	22 18	0 41	14 33	17 13	5 34	5 59	20 20	0 59	4 10
F 4	15 22	24 15	4 49	20 15	0 37	8 29	1 19	12 52	0 55	11 52	1 21	6 33	2 23	9 4	0 48	22 18	0 41	14 34	17 14	5 30	5 58	20 23	0 58	4 10
S 5	15 4	20 7	4 18	20 2	0 47	8 0	1 18	13 6	0 56	11 53	1 21	6 35	2 23	9 5	0 48	22 18	0 41	14 35	17 14	5 26	5 56	20 25	0 57	4 10
S 6	14 46	14 53	3 32	19 46	0 57	7 30	1 17	13 20	0 57	11 53	1 22	6 37	2 22	9 6	0 48	22 18	0 41	14 35	17 14	5 23	5 55	20 28	0 56	4 10
M 7	14 27	8 50	2 33	19 28	1 6	7 1	1 15	13 33	0 57	11 54	1 22	6 39	2 22	9 7	0 48	22 18	0 41	14 36	17 14	5 21	5 54	20 30	0 56	4 10
T 8	14 9	2 17	1 25	19 6	1 14	6 31	1 14	13 47	0 58	11 54	1 22	6 41	2 22	9 8	0 48	22 19	0 41	14 36	17 15	5 20	5 53	20 33	0 55	4 10
W 9	13 50	4n26	0 10	18 42	1 22	6 1	1 12	14 1	0 59	11 55	1 22	6 43	2 22	9 9	0 49	22 19	0 41	14 37	17 15	5 19	5 52	20 35	0 54	4 10
T 10	13 30	10 59	1n 6	18 16	1 28	5 30	1 10	14 14	0 59	11 55	1 23	6 44	2 22	9 9	0 49	22 19	0 41	14 37	17 15	5 20	5 50	20 38	0 53	4 10
F 11	13 11	17 0	2 18	17 47	1 33	5 0	1 9	14 28	1 0	11 55	1 23	6 46	2 21	9 10	0 49	22 19	0 41	14 38	17 15	5 20	5 49	20 40	0 52	4 10
S 12	12 51	22 6	3 21	17 16	1 37	4 29	1 7	14 41	1 1	11 55	1 23	6 48	2 21	9 11	0 49	22 19	0 41	14 38	17 16	5 20	5 48	20 43	0 51	4 10
S 13	12 32	25 54	4 12	16 43	1 41	3 58	1 5	14 54	1 1	11 56	1 23	6 50	2 21	9 12	0 49	22 19	0 41	14 39	17 16	5 20	5 47	20 45	0 50	4 11
M14	12 12	28 6	4 48	16 7	1 44	3 28	1 3	15 8	1 2	11 56	1 23	6 52	2 21	9 13	0 49	22 19	0 41	14 40	17 16	5 19	5 45	20 48	0 49	4 11
T 15	11 51	28 29	5 6	15 31	1 46	2 57	1 1	15 21	1 3	11 56	1 24	6 55	2 21	9 14	0 49	22 19	0 41	14 40	17 16	5 18	5 44	20 50	0 49	4 11
W16	11 31	27 3	5 6	14 52	1 47	2 26	0 59	15 34	1 3	11 56	1 24	6 57	2 20	9 15	0 49	22 20	0 41	14 41	17 16	5 15	5 43	20 53	0 48	4 11
T 17	11 10	24 1	4 49	14 12	1 47	1 55	0 57	15 47	1 4	11 55	1 24	6 59	2 20	9 16	0 49	22 20	0 41	14 41	17 17	5 13	5 42	20 55	0 47	4 11
F 18	10 50	19 42	4 15	13 31	1 47	1 23	0 55	16 0	1 5	11 55	1 24	7 1	2 20	9 17	0 49	22 20	0 41	14 42	17 17	5 10	5 40	20 58	0 46	4 11
S 19	10 29	14 30	3 28	12 49	1 46	0 52	0 53	16 13	1 5	11 55	1 24	7 3	2 20	9 17	0 49	22 20	0 41	14 42	17 17	5 7	5 39	21 0	0 45	4 11
S 20	10 7	8 45	2 31	12 6	1 44	0 21	0 51	16 26	1 6	11 55	1 25	7 5	2 20	9 18	0 49	22 20	0 41	14 43	17 17	5 6	5 38	21 3	0 44	4 11
M21	9 46	2 46	1 28	11 22	1 42	0s10	0 49	16 39	1 6	11 54	1 25	7 7	2 19	9 19	0 49	22 20	0 41	14 44	17 17	5 4	5 37	21 5	0 43	4 11
T 22	9 25	3s12	0 21	10 38	1 40	0 42	0 46	16 52	1 7	11 54	1 25	7 9	2 19	9 20	0 49	22 20	0 41	14 44	17 18	5 4	5 35	21 8	0 42	4 11
W23	9 3	8 56	0s45	9 53	1 37	1 13	0 44	17 4	1 7	11 53	1 25	7 12	2 19	9 21	0 49	22 20	0 41	14 45	17 18	5 4	5 34	21 10	0 40	4 11
T 24	8 41	14 16	1 48	9 7	1 33	1 44	0 41	17 17	1 8	11 52	1 25	7 14	2 19	9 22	0 49	22 20	0 41	14 45	17 18	5 4	5 33	21 13	0 39	4 11
F 25	8 19	19 2	2 47	8 21	1 29	2 16	0 39	17 29	1 9	11 52	1 26	7 16	2 19	9 23	0 49	22 20	0 41	14 46	17 18	5 5	5 32	21 15	0 38	4 11
S 26	7 57	23 2	3 37	7 35	1 25	2 47	0 36	17 41	1 9	11 51	1 26	7 18	2 19	9 24	0 49	22 21	0 40	14 46	17 18	5 6	5 31	21 18	0 37	4 11
S 27	7 35	26 5	4 19	6 49	1 20	3 18	0 34	17 54	1 10	11 50	1 26	7 21	2 18	9 25	0 49	22 21	0 40	14 47	17 18	5 6	5 29	21 20	0 36	4 11
M28	7 13	28 1	4 50	6 2	1 15	3 49	0 31	18 6	1 10	11 49	1 26	7 23	2 18	9 26	0 49	22 21	0 40	14 47	17 19	5 6	5 28	21 23	0 35	4 11
T 29	6 51	28 38	5 8	5 16	1 10	4 21	0 28	18 18	1 11	11 48	1 26	7 25	2 18	9 26	0 49	22 21	0 40	14 48	17 19	5 5	5 27	21 25	0 34	4 11
W30	6 28	27 50	5 13	4 29	1 4	4 52	0 26	18 30	1 11	11 47	1 27	7 28	2 18	9 27	0 49	22 21	0 40	14 49	17 19	5 4	5 26	21 27	0 33	4 11
T 31	6n 5	25s35	5s 2	3n42	0n58	5s22	0n23	18s42	1s12	11n46	1s27	7s30	2n18	9s28	0s49	22s21	0n40	14s49	17s19	5n 3	5n24	21s30	0n32	4n11

Julian Day Number = 2208878.5, Delta T = 09m30s
Ecliptic obliquity = 23°31'41, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°28'23, Lahiri = 14°35'24 Julian Calendar 1 Aug. 1335 == Greg. Calendar 9 Aug. 1335

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ASTRODIENST EPHEMERIS for the year 1335
geocentric

SEPTEMBER 1335 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	23 9 46	15♍33'42	11♒ 6	24♍39	15♎42	19♏44	4°R39	24♎54	7°R38	11°R36	2°R34	12°R39	13♈36	22♏20	21°R39	F 1
S 2	23 13 42	16°32'18	24°36	26°21	16°55	20°25	4♉36	25° 0	7♓36	11♊35	2♈32	12♈35	13°33	22°27	21♓36	S 2
S 3	23 17 39	17°30'56	8♓27	28° 2	18° 8	21° 6	4°33	25° 6	7°34	11°35	2°31	12°31	13°30	22°34	21°33	S 3
M 4	23 21 35	18°29'37	22°36	29°42	19°21	21°47	4°29	25°12	7°31	11°35	2°30	12°29	13°26	22°40	21°30	M 4
T 5	23 25 32	19°28'19	6♈58	1♎21	20°34	22°28	4°26	25°18	7°29	11°34	2°29	12°D28	13°23	22°47	21°28	T 5
W 6	23 29 28	20°27'03	21°29	2°59	21°46	23°10	4°22	25°24	7°27	11°34	2°28	12°28	13°20	22°54	21°25	W 6
T 7	23 33 25	21°25'50	6♉ 1	4°36	22°59	23°51	4°18	25°31	7°24	11°34	2°27	12°29	13°17	23° 0	21°22	T 7
F 8	23 37 21	22°24'39	20°31	6°12	24°12	24°33	4°14	25°37	7°22	11°33	2°26	12°30	13°14	23° 7	21°19	F 8
S 9	23 41 18	23°23'30	4♊55	7°47	25°25	25°15	4° 9	25°44	7°20	11°33	2°24	12°32	13°10	23°14	21°17	S 9
S 10	23 45 15	24°22'23	19° 8	9°22	26°38	25°57	4° 5	25°50	7°18	11°33	2°23	12°R32	13° 7	23°20	21°14	S 10
M11	23 49 11	25°21'19	3♋ 9	10°55	27°51	26°39	4° 0	25°57	7°15	11°33	2°22	12°32	13° 4	23°27	21°11	M11
T 12	23 53 8	26°20'18	16°57	12°27	29° 3	27°21	3°55	26° 3	7°13	11°33	2°21	12°31	13° 1	23°34	21° 8	T 12
W13	23 57 4	27°19'19	0♌31	13°59	0♏16	28° 3	3°50	26°10	7°11	11°32	2°20	12°30	12°58	23°41	21° 5	W13
T 14	0 1 1	28°18'21	13°52	15°30	1°29	28°45	3°45	26°16	7° 9	11°32	2°19	12°28	12°55	23°47	21° 3	T 14
F 15	0 4 57	29°17'27	26°58	17° 0	2°41	29°28	3°40	26°23	7° 6	11°32	2°18	12°26	12°51	23°54	21° 0	F 15
S 16	0 8 54	0♎16'34	9♍50	18°29	3°54	0♐10	3°34	26°30	7° 4	11°D32	2°16	12°24	12°48	24° 1	20°57	S 16
S 17	0 12 50	1°15'43	22°30	19°57	5° 7	0°53	3°28	26°36	7° 2	11°32	2°15	12°23	12°45	24° 7	20°54	S 17
M18	0 16 47	2°14'55	4♎56	21°24	6°19	1°35	3°23	26°43	7° 0	11°32	2°14	12°23	12°42	24°14	20°52	M18
T 19	0 20 44	3°14'09	17°10	22°50	7°32	2°18	3°17	26°50	6°58	11°32	2°13	12°D22	12°39	24°21	20°49	T 19
W20	0 24 40	4°13'24	29°14	24°16	8°44	3° 1	3°10	26°56	6°56	11°33	2°12	12°23	12°35	24°27	20°46	W20
T 21	0 28 37	5°12'42	11♏11	25°40	9°57	3°44	3° 4	27° 3	6°54	11°33	2°10	12°23	12°32	24°34	20°44	T 21
F 22	0 32 33	6°12'02	23° 1	27° 3	11°10	4°27	2°58	27°10	6°52	11°33	2° 9	12°24	12°29	24°41	20°41	F 22
S 23	0 36 30	7°11'23	4♐50	28°26	12°22	5°10	2°51	27°17	6°50	11°33	2° 8	12°25	12°26	24°47	20°38	S 23
S 24	0 40 26	8°10'47	16°41	29°47	13°34	5°53	2°44	27°24	6°48	11°33	2° 7	12°25	12°23	24°54	20°36	S 24
M25	0 44 23	9°10'12	28°38	1♏ 8	14°47	6°36	2°38	27°31	6°46	11°34	2° 6	12°26	12°20	25° 1	20°33	M25
T 26	0 48 19	10° 9'39	10♑46	2°27	15°59	7°20	2°31	27°38	6°44	11°34	2° 5	12°R26	12°16	25° 7	20°30	T 26
W27	0 52 16	11° 9'08	23° 9	3°45	17°12	8° 3	2°24	27°45	6°42	11°34	2° 3	12°26	12°13	25°14	20°28	W27
T 28	0 56 13	12° 8'39	5♒52	5° 1	18°24	8°47	2°16	27°52	6°40	11°35	2° 2	12°D26	12°10	25°21	20°25	T 28
F 29	1 0 9	13° 8'11	18°58	6°17	19°36	9°30	2° 9	27°59	6°39	11°35	2° 1	12°26	12° 7	25°27	20°23	F 29
S 30	1 4 6	14♎ 7'46	2♓30	7♏31	20♏48	10♐14	2♉ 2	28♎ 6	6♓37	11♑36	2♈ 0	12♈26	12♈ 4	25♏34	20♓20	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	5n43	21s55	4s36	2n56	0n52	5s53	0n20	18s53	1s12	11n45	1s27	7s32	2n18	9s29	0s49	22s21	0n40	14s50	17s19	5n 1	5n23	21s32	0n31	4n11
S 2	5 20	17 2	3 53	2 10	0 46	6 24	0 17	19 5	1 12	11 44	1 27	7 35	2 17	9 30	0 49	22 21	0 40	14 50	17 19	4 59	5 22	21 35	0 30	4 11
S 3	4 57	11 9	2 56	1 24	0 40	6 55	0 15	19 16	1 13	11 43	1 27	7 37	2 17	9 31	0 49	22 21	0 40	14 51	17 19	4 58	5 21	21 37	0 28	4 10
M 4	4 34	4 35	1 47	0 38	0 33	7 25	0 12	19 28	1 13	11 41	1 28	7 39	2 17	9 32	0 49	22 21	0 40	14 51	17 19	4 57	5 19	21 39	0 27	4 10
T 5	4 11	2n19	0 30	0s 8	0 27	7 55	0 9	19 39	1 14	11 40	1 28	7 42	2 17	9 33	0 49	22 21	0 40	14 52	17 19	4 57	5 18	21 42	0 26	4 10
W 6	3 48	9 10	0n49	0 53	0 20	8 26	0 6	19 50	1 14	11 39	1 28	7 44	2 17	9 33	0 49	22 21	0 40	14 52	17 20	4 57	5 17	21 44	0 25	4 10
T 7	3 25	15 34	2 6	1 38	0 13	8 56	0 3	20 1	1 15	11 37	1 28	7 47	2 17	9 34	0 49	22 21	0 40	14 53	17 20	4 57	5 16	21 47	0 24	4 10
F 8	3 1	21 4	3 15	2 23	0 6	9 25	0s 0	20 11	1 15	11 36	1 28	7 49	2 17	9 35	0 49	22 21	0 40	14 53	17 20	4 58	5 14	21 49	0 23	4 10
S 9	2 38	25 18	4 10	3 7	0s 1	9 55	0 3	20 22	1 15	11 34	1 28	7 52	2 17	9 36	0 48	22 22	0 40	14 54	17 20	4 58	5 13	21 51	0 22	4 10
S 10	2 15	27 54	4 50	3 51	0 9	10 24	0 6	20 32	1 16	11 32	1 28	7 54	2 16	9 37	0 48	22 22	0 40	14 54	17 20	4 58	5 12	21 54	0 20	4 10
M11	1 51	28 41	5 12	4 35	0 16	10 53	0 9	20 43	1 16	11 31	1 29	7 56	2 16	9 38	0 48	22 22	0 40	14 55	17 20	4 58	5 11	21 56	0 19	4 10
T 12	1 28	27 39	5 15	5 18	0 23	11 22	0 13	20 53	1 16	11 29	1 29	7 59	2 16	9 39	0 48	22 22	0 40	14 55	17 20	4 58	5 9	21 58	0 18	4 10
W13	1 4	25 0	5 0	6 0	0 30	11 51	0 16	21 3	1 17	11 27	1 29	8 1	2 16	9 39	0 48	22 22	0 40	14 56	17 20	4 57	5 8	22 1	0 17	4 10
T 14	0 41	21 2	4 30	6 42	0 38	12 20	0 19	21 13	1 17	11 25	1 29	8 4	2 16	9 40	0 48	22 22	0 40	14 56	17 20	4 57	5 7	22 3	0 16	4 10
F 15	0 17	16 6	3 46	7 23	0 45	12 48	0 22	21 22	1 18	11 23	1 29	8 6	2 16	9 41	0 48	22 22	0 40	14 57	17 20	4 56	5 6	22 6	0 15	4 10
S 16	0s 7	10 32	2 51	8 4	0 52	13 16	0 25	21 32	1 18	11 21	1 29	8 9	2 16	9 42	0 48	22 22	0 40	14 57	17 20	4 55	5 5	22 8	0 13	4 10
S 17	0 30	4 39	1 48	8 45	0 59	13 43	0 28	21 41	1 18	11 19	1 29	8 11	2 16	9 42	0 48	22 22	0 40	14 58	17 20	4 55	5 3	22 10	0 12	4 9
M18	0 54	1s20	0 41	9 24	1 7	14 10	0 31	21 50	1 18	11 17	1 29	8 14	2 16	9 43	0 48	22 22	0 40	14 58	17 20	4 54	5 2	22 12	0 11	4 9
T 19	1 17	7 11	0s27	10 3	1 14	14 37	0 35	21 59	1 19	11 15	1 30	8 16	2 15	9 44	0 48	22 22	0 40	14 59	17 20	4 54	5 1	22 15	0 10	4 9
W20	1 41	12 41	1 32	10 42	1 21	15 4	0 38	22 8	1 19	11 13	1 30	8 19	2 15	9 45	0 48	22 22	0 40	14 59	17 20	4 55	5 0	22 17	0 9	4 9
T 21	2 5	17 40	2 33	11 19	1 28	15 30	0 41	22 16	1 19	11 10	1 30	8 22	2 15	9 46	0 48	22 22	0 40	15 0	17 20	4 55	4 58	22 19	0 7	4 9
F 22	2 28	21 56	3 27	11 56	1 35	15 56	0 44	22 25	1 20	11 8	1 30	8 24	2 15	9 46	0 48	22 22	0 40	15 0	17 20	4 55	4 57	22 22	0 6	4 9
S 23	2 52	25 18	4 12	12 32	1 42	16 22	0 47	22 33	1 20	11 6	1 30	8 27	2 15	9 47	0 48	22 22	0 40	15 0	17 20	4 55	4 56	22 24	0 5	4 9
S 24	3 15	27 36	4 46	13 8	1 48	16 47	0 51	22 41	1 20	11 4	1 30	8 29	2 15	9 48	0 48	22 22	0 40	15 1	17 20	4 56	4 55	22 26	0 4	4 9
M25	3 39	28 40	5 8	13 42	1 55	17 11	0 54	22 49	1 20	11 1	1 30	8 32	2 15	9 48	0 48	22 22	0 40	15 1	17 20	4 56	4 53	22 29	0 3	4 8
T 26	4 2	28 22	5 17	14 16	2 1	17 36	0 57	22 56	1 21	10 59	1 30	8 34	2 15	9 49	0 48	22 22	0 39	15 2	17 20	4 56	4 52	22 31	0 2	4 8
W27	4 26	26 39	5 12	14 48	2 7	18 0	1 0	23 4	1 21	10 56	1 30	8 37	2 15	9 50	0 48	22 22	0 39	15 2	17 20	4 56	4 51	22 33	0 1	4 8
T 28	4 49	23 34	4 51	15 20	2 13	18 23	1 3	23 11	1 21	10 54	1 30	8 39	2 15	9 50	0 48	22 22	0 39	15 3	17 20	4 56	4 50	22 35	0s 1	4 8
F 29	5 12	19 14	4 15	15 51	2 19	18 46	1 6	23 18	1 21	10 51	1 30	8 42	2 15	9 51	0 48	22 22	0 39	15 3	17 20	4 56	4 48	22 38	0 2	4 8
S 30	5s36	13s48	3s24	16s21	2s25	19s 8	1s10	23s25	1s21	10n49	1s30	8s44	2n15	9s52	0s48	22s22	0n39	15s 3	17s20	4n56	4n47	22s40	0s 3	4n 8

Julian Day Number = 2208909.5, Delta T = 09m30s
Ecliptic obliquity = 23°31'41, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°28'28, Lahiri = 14°35'28 Julian Calendar 1 Sept. 1335 == Greg. Calendar 9 Sept. 1335

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ASTRODIENST EPHEMERIS for the year 1335
geocentric

OCTOBER 1335 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	1 8 2	15♎ 7'22	16♓27	8♏43	22♏ 1	10♐58	1°R54	28♎13	6°R35	11♑36	1°R59	12♈26	12♈ 1	25♏41	20°R18	S 1
M 2	1 11 59	16° 7'00	0♈48	9°53	23°13	11°42	1♉47	28°20	6♓34	11°37	1♈58	12°26	11°57	25°47	20♓15	M 2
T 3	1 15 55	17° 6'39	15°29	11° 2	24°25	12°26	1°39	28°27	6°32	11°37	1°57	12°R26	11°54	25°54	20°13	T 3
W 4	1 19 52	18° 6'21	0♉23	12° 8	25°37	13°10	1°31	28°34	6°30	11°38	1°56	12°26	11°51	26° 1	20°11	W 4
T 5	1 23 48	19° 6'05	15°22	13°13	26°49	13°54	1°24	28°41	6°29	11°38	1°54	12°25	11°48	26° 7	20° 8	T 5
F 6	1 27 45	20° 5'52	0♊18	14°14	28° 1	14°38	1°16	28°48	6°27	11°39	1°53	12°25	11°45	26°14	20° 6	F 6
S 7	1 31 41	21° 5'40	15° 3	15°14	29°13	15°22	1° 8	28°55	6°26	11°40	1°52	12°24	11°41	26°21	20° 4	S 7
S 8	1 35 38	22° 5'31	29°32	16°10	0♐25	16° 7	1° 0	29° 3	6°24	11°40	1°51	12°23	11°38	26°28	20° 1	S 8
M 9	1 39 35	23° 5'24	13♋40	17° 2	1°37	16°51	0°52	29°10	6°23	11°41	1°50	12°22	11°35	26°34	19°59	M 9
T 10	1 43 31	24° 5'20	27°26	17°51	2°48	17°35	0°44	29°17	6°21	11°42	1°49	12°D22	11°32	26°41	19°57	T 10
W11	1 47 28	25° 5'17	10♌51	18°36	4° 0	18°20	0°36	29°24	6°20	11°43	1°48	12°23	11°29	26°48	19°55	W11
T 12	1 51 24	26° 5'17	23°57	19°16	5°12	19° 5	0°28	29°31	6°19	11°44	1°47	12°23	11°26	26°54	19°53	T 12
F 13	1 55 21	27° 5'19	6♍45	19°51	6°24	19°49	0°20	29°38	6°17	11°45	1°46	12°25	11°22	27° 1	19°51	F 13
S 14	1 59 17	28° 5'23	19°18	20°21	7°35	20°34	0°11	29°46	6°16	11°45	1°45	12°26	11°19	27° 8	19°49	S 14
S 15	2 3 14	29° 5'29	1♎39	20°44	8°47	21°19	0° 3	29°53	6°15	11°46	1°44	12°27	11°16	27°14	19°47	S 15
M16	2 7 10	0♏ 5'37	13°49	21° 0	9°58	22° 4	29♈55	29°59	6°14	11°47	1°43	12°R27	11°13	27°21	19°45	M16
T 17	2 11 7	1° 5'47	25°52	21° 9	11°10	22°49	29°47	0♏ 7	6°13	11°48	1°42	12°27	11°10	27°28	19°43	T 17
W18	2 15 4	2° 5'59	7♏48	21°R 9	12°21	23°34	29°39	0°14	6°12	11°49	1°41	12°25	11° 7	27°34	19°41	W18
T 19	2 19 0	3° 6'12	19°40	21° 1	13°33	24°19	29°31	0°21	6°11	11°50	1°40	12°22	11° 3	27°41	19°39	T 19
F 20	2 22 57	4° 6'28	1♐30	20°44	14°44	25° 4	29°23	0°29	6°10	11°52	1°39	12°19	11° 0	27°48	19°37	F 20
S 21	2 26 53	5° 6'45	13°19	20°16	15°55	25°49	29°14	0°36	6° 9	11°53	1°38	12°15	10°57	27°54	19°36	S 21
S 22	2 30 50	6° 7'04	25°11	19°39	17° 7	26°35	29° 6	0°43	6° 8	11°54	1°37	12°11	10°54	28° 1	19°34	S 22
M23	2 34 46	7° 7'24	7♑ 9	18°52	18°18	27°20	28°58	0°50	6° 7	11°55	1°36	12° 7	10°51	28° 8	19°32	M23
T 24	2 38 43	8° 7'46	19°15	17°56	19°29	28° 5	28°50	0°57	6° 6	11°56	1°35	12° 5	10°47	28°14	19°31	T 24
W25	2 42 39	9° 8'10	1♒34	16°51	20°40	28°51	28°43	1° 4	6° 6	11°58	1°34	12° 3	10°44	28°21	19°29	W25
T 26	2 46 36	10° 8'35	14°11	15°39	21°51	29°36	28°35	1°12	6° 5	11°59	1°33	12°D 3	10°41	28°28	19°27	T 26
F 27	2 50 33	11° 9'01	27° 9	14°22	23° 2	0♑22	28°27	1°19	6° 4	12° 0	1°32	12° 4	10°38	28°35	19°26	F 27
S 28	2 54 29	12° 9'28	10♓32	13° 2	24°13	1° 8	28°19	1°26	6° 4	12° 1	1°32	12° 6	10°35	28°41	19°25	S 28
S 29	2 58 26	13° 9'57	24°22	11°42	25°23	1°53	28°12	1°33	6° 3	12° 3	1°31	12° 7	10°32	28°48	19°23	S 29
M30	3 2 22	14°10'27	8♈40	10°23	26°34	2°39	28° 4	1°40	6° 3	12° 4	1°30	12°R 8	10°28	28°55	19°22	M30
T 31	3 6 19	15♏10'58	23♈24	9♏10	27♐44	3♑25	27♈57	1♏47	6♓ 3	12♑ 6	1♈29	12♈ 8	10♈25	29♏ 1	19♓21	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	5s59	7s30	2s19	16s49	2s30	19s30	1s13	23s31	1s22	10n46	1s30	8s47	2n15	9s52	0s48	22s22	0n39	15s 4	17s20	4n56	4n46	22s42	0s 4	4n	7
M 2	6 22	0 39	1 4	17 17	2 35	19 52	1 16	23 37	1 22	10 43	1 30	8 50	2 14	9 53	0 48	22 22	0 39	15 4	17 19	4 56	4 45	22 44	0 5	4	7
T 3	6 45	6n23	0n17	17 43	2 39	20 13	1 19	23 43	1 22	10 41	1 30	8 52	2 14	9 53	0 48	22 22	0 39	15 4	17 19	4 56	4 43	22 47	0 6	4	7
W 4	7 8	13 11	1 38	18 8	2 44	20 34	1 22	23 49	1 22	10 38	1 30	8 55	2 14	9 54	0 48	22 22	0 39	15 5	17 19	4 56	4 42	22 49	0 7	4	7
T 5	7 30	19 15	2 53	18 31	2 48	20 54	1 25	23 55	1 22	10 35	1 30	8 57	2 14	9 55	0 48	22 22	0 39	15 5	17 19	4 56	4 41	22 51	0 8	4	7
F 6	7 53	24 7	3 55	18 53	2 51	21 13	1 28	24 0	1 22	10 33	1 30	9 0	2 14	9 55	0 48	22 22	0 39	15 5	17 19	4 55	4 40	22 53	0 9	4	7
S 7	8 16	27 21	4 42	19 14	2 54	21 32	1 31	24 5	1 23	10 30	1 30	9 2	2 14	9 56	0 48	22 22	0 39	15 6	17 19	4 55	4 38	22 56	0 10	4	6
S 8	8 38	28 41	5 9	19 33	2 56	21 50	1 34	24 10	1 23	10 27	1 30	9 5	2 14	9 56	0 48	22 22	0 39	15 6	17 19	4 55	4 37	22 58	0 12	4	6
M 9	9 0	28 5	5 17	19 50	2 58	22 8	1 36	24 15	1 23	10 24	1 30	9 8	2 14	9 57	0 48	22 22	0 39	15 6	17 19	4 54	4 36	23 0	0 13	4	6
T 10	9 23	25 45	5 6	20 5	2 59	22 25	1 39	24 19	1 23	10 22	1 30	9 10	2 14	9 57	0 48	22 22	0 39	15 7	17 18	4 54	4 35	23 2	0 14	4	6
W11	9 45	22 2	4 39	20 18	3 0	22 42	1 42	24 24	1 23	10 19	1 30	9 13	2 14	9 58	0 48	22 22	0 39	15 7	17 18	4 54	4 33	23 4	0 15	4	6
T 12	10 7	17 19	3 57	20 29	2 59	22 58	1 45	24 27	1 23	10 16	1 30	9 15	2 14	9 58	0 48	22 22	0 39	15 7	17 18	4 55	4 32	23 7	0 16	4	5
F 13	10 28	11 56	3 5	20 38	2 58	23 13	1 48	24 31	1 23	10 13	1 30	9 18	2 14	9 59	0 48	22 22	0 39	15 8	17 18	4 55	4 31	23 9	0 17	4	5
S 14	10 50	6 10	2 5	20 43	2 56	23 28	1 50	24 35	1 23	10 10	1 30	9 20	2 14	9 59	0 48	22 22	0 39	15 8	17 18	4 56	4 30	23 11	0 18	4	5
S 15	11 11	0 15	0 59	20 47	2 53	23 42	1 53	24 38	1 23	10 8	1 30	9 23	2 14	9 59	0 48	22 22	0 39	15 8	17 18	4 56	4 28	23 13	0 19	4	5
M16	11 33	5s35	0s 8	20 47	2 48	23 56	1 55	24 41	1 23	10 5	1 30	9 25	2 14	10 0	0 48	22 21	0 39	15 8	17 18	4 56	4 27	23 15	0 20	4	5
T 17	11 54	11 10	1 13	20 44	2 43	24 8	1 58	24 43	1 23	10 2	1 30	9 28	2 14	10 0	0 48	22 21	0 39	15 9	17 17	4 56	4 26	23 17	0 21	4	4
W18	12 15	16 18	2 15	20 37	2 36	24 21	2 0	24 46	1 23	9 59	1 30	9 30	2 14	10 0	0 48	22 21	0 39	15 9	17 17	4 55	4 25	23 20	0 22	4	4
T 19	12 36	20 47	3 11	20 26	2 27	24 32	2 2	24 48	1 24	9 56	1 30	9 33	2 14	10 1	0 48	22 21	0 39	15 9	17 17	4 54	4 23	23 22	0 22	4	4
F 20	12 56	24 25	3 58	20 12	2 17	24 43	2 5	24 50	1 24	9 54	1 30	9 35	2 14	10 1	0 47	22 21	0 39	15 9	17 17	4 53	4 22	23 24	0 23	4	4
S 21	13 16	27 2	4 35	19 53	2 5	24 53	2 7	24 51	1 24	9 51	1 30	9 38	2 14	10 1	0 47	22 21	0 39	15 9	17 17	4 51	4 21	23 26	0 24	4	3
S 22	13 37	28 26	5 0	19 30	1 51	25 3	2 9	24 53	1 24	9 48	1 29	9 40	2 14	10 2	0 47	22 21	0 39	15 10	17 16	4 50	4 20	23 28	0 25	4	3
M23	13 56	28 32	5 13	19 2	1 36	25 11	2 11	24 54	1 24	9 45	1 29	9 43	2 14	10 2	0 47	22 21	0 39	15 10	17 16	4 49	4 18	23 30	0 26	4	3
T 24	14 16	27 16	5 11	18 30	1 19	25 19	2 13	24 54	1 24	9 43	1 29	9 45	2 14	10 2	0 47	22 21	0 39	15 10	17 16	4 48	4 17	23 32	0 27	4	3
W25	14 36	24 41	4 56	17 54	1 1	25 27	2 15	24 55	1 24	9 40	1 29	9 48	2 14	10 2	0 47	22 21	0 39	15 10	17 16	4 47	4 16	23 34	0 28	4	3
T 26	14 55	20 52	4 26	17 15	0 42	25 33	2 17	24 55	1 23	9 37	1 29	9 50	2 14	10 3	0 47	22 21	0 39	15 10	17 15	4 47	4 15	23 37	0 29	4	2
F 27	15 14	15 59	3 42	16 33	0 21	25 39	2 19	24 55	1 23	9 35	1 29	9 53	2 14	10 3	0 47	22 21	0 38	15 10	17 15	4 47	4 13	23 39	0 29	4	2
S 28	15 32	10 11	2 44	15 49	0 1	25 44	2 21	24 55	1 23	9 32	1 29	9 55	2 14	10 3	0 47	22 21	0 38	15 10	17 15	4 48	4 12	23 41	0 30	4	2
S 29	15 51	3 42	1 36	15 5	0n20	25 49	2 22	24 54	1 23	9 30	1 28	9 58	2 14	10 3	0 47	22 21	0 38	15 10	17 15	4 48	4 11	23 43	0 31	4	2
M30	16 9	3n10	0 19	14 21	0 40	25 53	2 24	24 53	1 23	9 27	1 28	10 0	2 14	10 3	0 47	22 20	0 38	15 11	17 14	4 49	4 10	23 45	0 32	4	1
T 31	16s27	10n 4	1n 1	13s40	0n59	25s56	2s25	24s52	1s23	9n25	1s28	10s 2	2n14	10s 3	0s47	22s20	0n38	15s11	17s14	4n49	4n 8	23s47	0s32	4n	1

Julian Day Number = 2208939.5, Delta T = 09m30s
Ecliptic obliquity = 23°31'41, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°28'32, Lahiri = 14°35'32 Julian Calendar 1 Oct. 1335 == Greg. Calendar 9 Oct. 1335

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ASTRODIENST EPHEMERIS for the year 1335
geocentric

NOVEMBER 1335 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	3 10 15	16♏11'31	8♉27	8°R 3	28♐55	4♑11	27°R49	1♏54	6°R 2	12♑ 7	1°R28	12°R 5	10♈22	29♏ 8	19°R19	W 1
T 2	3 14 12	17°12'06	23°42	7♏ 6	0♑ 5	4°56	27♈42	2° 1	6♓ 2	12° 9	1♈27	12♈ 2	10°19	29°15	19♓18	T 2
F 3	3 18 8	18°12'42	8♊59	6°19	1°16	5°42	27°35	2° 8	6° 2	12°10	1°27	11°57	10°16	29°21	19°17	F 3
S 4	3 22 5	19°13'20	24° 5	5°43	2°26	6°28	27°28	2°15	6° 1	12°12	1°26	11°51	10°12	29°28	19°16	S 4
S 5	3 26 2	20°13'59	8♋54	5°19	3°36	7°14	27°21	2°22	6° 1	12°13	1°25	11°45	10° 9	29°35	19°15	S 5
M 6	3 29 58	21°14'41	23°17	5° 6	4°46	8° 0	27°14	2°29	6° 1	12°15	1°25	11°41	10° 6	29°41	19°14	M 6
T 7	3 33 55	22°15'23	7♌12	5°D 5	5°56	8°46	27° 7	2°36	6° 1	12°16	1°24	11°38	10° 3	29°48	19°13	T 7
W 8	3 37 51	23°16'08	20°40	5°14	7° 5	9°33	27° 1	2°43	6°D 1	12°18	1°23	11°D37	10° 0	29°55	19°12	W 8
T 9	3 41 48	24°16'53	3♍42	5°34	8°15	10°19	26°54	2°50	6° 1	12°20	1°23	11°37	9°57	0♗ 2	19°11	T 9
F 10	3 45 44	25°17'41	16°22	6° 2	9°25	11° 5	26°48	2°56	6° 1	12°21	1°22	11°39	9°53	0° 8	19°11	F 10
S 11	3 49 41	26°18'30	28°44	6°38	10°34	11°51	26°42	3° 3	6° 1	12°23	1°21	11°40	9°50	0°15	19°10	S 11
S 12	3 53 37	27°19'20	10♎53	7°22	11°44	12°38	26°36	3°10	6° 1	12°25	1°21	11°R41	9°47	0°22	19° 9	S 12
M13	3 57 34	28°20'12	22°53	8°12	12°53	13°24	26°30	3°17	6° 2	12°26	1°20	11°40	9°44	0°28	19° 9	M13
T 14	4 1 31	29°21'05	4♏47	9° 8	14° 2	14°10	26°24	3°23	6° 2	12°28	1°20	11°37	9°41	0°35	19° 8	T 14
W15	4 5 27	0♗22'00	16°37	10° 8	15°11	14°57	26°19	3°30	6° 2	12°30	1°19	11°32	9°38	0°42	19° 8	W15
T 16	4 9 24	1°22'56	28°27	11°13	16°20	15°43	26°13	3°37	6° 3	12°32	1°19	11°24	9°34	0°48	19° 7	T 16
F 17	4 13 20	2°23'52	10♗18	12°22	17°28	16°30	26° 8	3°43	6° 3	12°34	1°18	11°15	9°31	0°55	19° 7	F 17
S 18	4 17 17	3°24'50	22°10	13°33	18°37	17°16	26° 3	3°50	6° 4	12°35	1°18	11° 4	9°28	1° 2	19° 7	S 18
S 19	4 21 13	4°25'49	4♑ 7	14°48	19°45	18° 3	25°58	3°57	6° 4	12°37	1°17	10°53	9°25	1° 8	19° 7	S 19
M20	4 25 10	5°26'49	16°10	16° 5	20°54	18°50	25°54	4° 3	6° 5	12°39	1°17	10°43	9°22	1°15	19° 6	M20
T 21	4 29 7	6°27'49	28°20	17°24	22° 2	19°36	25°49	4° 9	6° 5	12°41	1°16	10°35	9°18	1°22	19° 6	T 21
W22	4 33 3	7°28'51	10♒40	18°44	23°10	20°23	25°45	4°16	6° 6	12°43	1°16	10°29	9°15	1°29	19° 6	W22
T 23	4 37 0	8°29'52	23°15	20° 6	24°17	21°10	25°41	4°22	6° 7	12°45	1°16	10°25	9°12	1°35	19°D 6	T 23
F 24	4 40 56	9°30'55	6♓ 7	21°30	25°25	21°56	25°37	4°29	6° 8	12°47	1°15	10°D24	9° 9	1°42	19° 6	F 24
S 25	4 44 53	10°31'57	19°20	22°55	26°32	22°43	25°33	4°35	6° 9	12°49	1°15	10°24	9° 6	1°49	19° 6	S 25
S 26	4 48 49	11°33'01	2♈57	24°20	27°39	23°30	25°30	4°41	6°10	12°51	1°15	10°R25	9° 3	1°55	19° 6	S 26
M27	4 52 46	12°34'04	17° 1	25°47	28°46	24°17	25°26	4°47	6°10	12°53	1°15	10°25	8°59	2° 2	19° 7	M27
T 28	4 56 42	13°35'08	1♉32	27°14	29°53	25° 3	25°23	4°53	6°11	12°55	1°14	10°23	8°56	2° 9	19° 7	T 28
W29	5 0 39	14°36'13	16°26	28°42	1♒ 0	25°50	25°20	5° 0	6°13	12°57	1°14	10°18	8°53	2°15	19° 7	W29
T 30	5 4 36	15♗37'18	1♊38	0♗10	2♒ 6	26♑37	25♈18	5♏ 6	6♓14	12♑59	1♈14	10♈11	8♈50	2♗22	19♓ 8	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	16s45	16n34	2n19	13s 2	1n17	25s58	2s26	24s51	1s23	9n22	1s28	10s 5	2n14	10s 4	0s47	22s20	0n38	15s11	17s14	4n48	4n 7	23s49	0s33	4n 1
T 2	17 2	22 7	3 27	12 28	1 33	25 59	2 28	24 49	1 23	9 20	1 28	10 7	2 14	10 4	0 47	22 20	0 38	15 11	17 14	4 46	4 6	23 51	0 34	4 1
F 3	17 19	26 10	4 21	12 0	1 47	26 0	2 29	24 47	1 23	9 17	1 28	10 9	2 14	10 4	0 47	22 20	0 38	15 11	17 13	4 44	4 5	23 53	0 34	4 0
S 4	17 36	28 19	4 56	11 36	1 59	26 0	2 30	24 45	1 23	9 15	1 27	10 12	2 14	10 4	0 47	22 20	0 38	15 11	17 13	4 42	4 3	23 55	0 35	4 0
S 5	17 52	28 23	5 10	11 19	2 9	26 0	2 31	24 42	1 23	9 13	1 27	10 14	2 14	10 4	0 47	22 20	0 38	15 11	17 13	4 40	4 2	23 57	0 36	4 0
M 6	18 8	26 30	5 4	11 7	2 17	25 58	2 32	24 39	1 23	9 10	1 27	10 17	2 14	10 4	0 47	22 20	0 38	15 11	17 13	4 38	4 1	23 59	0 36	3 59
T 7	18 24	23 3	4 40	11 1	2 23	25 56	2 33	24 36	1 22	9 8	1 27	10 19	2 14	10 4	0 47	22 20	0 38	15 11	17 12	4 37	4 0	24 1	0 37	3 59
W 8	18 40	18 28	4 2	11 0	2 27	25 53	2 33	24 33	1 22	9 6	1 26	10 21	2 15	10 4	0 47	22 19	0 38	15 11	17 12	4 37	3 58	24 3	0 38	3 59
T 9	18 55	13 9	3 11	11 4	2 30	25 50	2 34	24 29	1 22	9 4	1 26	10 23	2 15	10 4	0 47	22 19	0 38	15 11	17 12	4 37	3 57	24 5	0 38	3 59
F 10	19 9	7 26	2 13	11 12	2 31	25 45	2 34	24 25	1 22	9 2	1 26	10 26	2 15	10 4	0 47	22 19	0 38	15 11	17 11	4 37	3 56	24 7	0 39	3 58
S 11	19 24	1 34	1 10	11 24	2 31	25 40	2 35	24 21	1 22	9 0	1 26	10 28	2 15	10 4	0 47	22 19	0 38	15 11	17 11	4 38	3 55	24 9	0 39	3 58
S 12	19 38	4s16	0 4	11 39	2 30	25 35	2 35	24 17	1 22	8 58	1 26	10 30	2 15	10 3	0 47	22 19	0 38	15 11	17 11	4 38	3 53	24 11	0 40	3 58
M13	19 52	9 52	1s 0	11 57	2 28	25 28	2 35	24 12	1 21	8 56	1 25	10 32	2 15	10 3	0 47	22 19	0 38	15 11	17 10	4 38	3 52	24 13	0 40	3 58
T 14	20 5	15 4	2 1	12 18	2 25	25 21	2 35	24 7	1 21	8 54	1 25	10 35	2 15	10 3	0 47	22 19	0 38	15 11	17 10	4 37	3 51	24 15	0 41	3 57
W15	20 18	19 41	2 57	12 41	2 21	25 13	2 35	24 2	1 21	8 53	1 25	10 37	2 15	10 3	0 46	22 18	0 38	15 11	17 10	4 35	3 50	24 17	0 41	3 57
T 16	20 31	23 32	3 44	13 5	2 17	25 5	2 35	23 56	1 21	8 51	1 24	10 39	2 15	10 3	0 46	22 18	0 38	15 11	17 10	4 32	3 48	24 19	0 41	3 57
F 17	20 43	26 24	4 22	13 31	2 12	24 56	2 34	23 50	1 21	8 49	1 24	10 41	2 15	10 3	0 46	22 18	0 38	15 10	17 9	4 28	3 47	24 21	0 42	3 56
S 18	20 55	28 6	4 49	13 58	2 6	24 46	2 34	23 44	1 20	8 48	1 24	10 43	2 15	10 2	0 46	22 18	0 38	15 10	17 9	4 24	3 46	24 23	0 42	3 56
S 19	21 6	28 31	5 3	14 25	2 0	24 35	2 33	23 38	1 20	8 46	1 24	10 45	2 15	10 2	0 46	22 18	0 38	15 10	17 9	4 19	3 45	24 25	0 43	3 56
M20	21 17	27 34	5 4	14 53	1 54	24 24	2 32	23 31	1 20	8 45	1 23	10 47	2 15	10 2	0 46	22 18	0 38	15 10	17 8	4 15	3 43	24 27	0 43	3 56
T 21	21 28	25 19	4 51	15 22	1 47	24 13	2 31	23 24	1 20	8 43	1 23	10 50	2 16	10 2	0 46	22 18	0 38	15 10	17 8	4 12	3 42	24 29	0 43	3 55
W22	21 38	21 51	4 24	15 51	1 41	24 0	2 30	23 17	1 19	8 42	1 23	10 52	2 16	10 1	0 46	22 17	0 38	15 10	17 8	4 10	3 41	24 31	0 43	3 55
T 23	21 48	17 21	3 44	16 20	1 34	23 47	2 29	23 10	1 19	8 41	1 23	10 54	2 16	10 1	0 46	22 17	0 38	15 10	17 7	4 8	3 40	24 33	0 44	3 55
F 24	21 58	11 58	2 53	16 49	1 27	23 34	2 28	23 2	1 19	8 40	1 22	10 56	2 16	10 1	0 46	22 17	0 38	15 9	17 7	4 8	3 38	24 35	0 44	3 55
S 25	22 7	5 56	1 50	17 17	1 19	23 19	2 27	22 54	1 19	8 39	1 22	10 58	2 16	10 0	0 46	22 17	0 38	15 9	17 7	4 8	3 37	24 37	0 44	3 54
S 26	22 15	0n34	0 40	17 46	1 12	23 5	2 25	22 46	1 18	8 38	1 22	11 0	2 16	10 0	0 46	22 17	0 38	15 9	17 6	4 8	3 36	24 39	0 44	3 54
M27	22 23	7 15	0n35	18 14	1 5	22 49	2 23	22 37	1 18	8 37	1 21	11 2	2 16	10 0	0 46	22 17	0 38	15 9	17 6	4 8	3 35	24 41	0 45	3 54
T 28	22 31	13 46	1 50	18 41	0 57	22 33	2 22	22 28	1 18	8 36	1 21	11 4	2 16	9 59	0 46	22 16	0 38	15 9	17 5	4 7	3 33	24 42	0 45	3 53
W29	22 38	19 40	2 59	19 8	0 50	22 17	2 20	22 19	1 17	8 35	1 21	11 5	2 16	9 59	0 46	22 16	0 38	15 8	17 5	4 6	3 32	24 44	0 45	3 53
T 30	22s45	24n26	3n57	19s34	0n42	22s 0	2s17	22s10	1s17	8n34	1s20	11s 7	2n17	9s58	0s46	22s16	0n38	15s 8	17s 5	4n 3	3n31	24s46	0s45	3n53

Julian Day Number = 2208970.5, Delta T = 09m30s
Ecliptic obliquity = 23°31'41, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°28'36, Lahiri = 14°35'36 Julian Calendar 1 Nov. 1335 == Greg. Calendar 9 Nov. 1335

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ASTRODIENST EPHEMERIS for the year 1335
geocentric

DECEMBER 1335 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	5 8 32	16♐38'24	16♊57	1♐39	3♒12	27♑24	25°R15	5♏12	6♓15	13♑ 1	1°R14	10°R 2	8♈47	2♐29	19♓ 8	F 1
S 2	5 12 29	17°39'30	2♋12	3° 9	4°18	28°11	25♈13	5°18	6°16	13° 3	1♈14	9♈52	8°44	2°36	19° 9	S 2
S 3	5 16 25	18°40'37	17°13	4°39	5°23	28°58	25°11	5°23	6°17	13° 5	1°13	9°41	8°40	2°42	19° 9	S 3
M 4	5 20 22	19°41'45	1♌49	6° 9	6°29	29°45	25° 9	5°29	6°19	13° 7	1°13	9°32	8°37	2°49	19°10	M 4
T 5	5 24 18	20°42'53	15°57	7°39	7°34	0♒32	25° 7	5°35	6°20	13°10	1°13	9°25	8°34	2°56	19°11	T 5
W 6	5 28 15	21°44'01	29°34	9°10	8°39	1°19	25° 5	5°41	6°21	13°12	1°13	9°21	8°31	3° 2	19°11	W 6
T 7	5 32 11	22°45'11	12♍41	10°41	9°43	2° 6	25° 4	5°46	6°23	13°14	1°13	9°18	8°28	3° 9	19°12	T 7
F 8	5 36 8	23°46'21	25°23	12°13	10°47	2°53	25° 3	5°52	6°24	13°16	1°D13	9°D18	8°25	3°16	19°13	F 8
S 9	5 40 5	24°47'31	7♎44	13°45	11°51	3°40	25° 2	5°57	6°26	13°18	1°13	9°R18	8°21	3°22	19°14	S 9
S 10	5 44 1	25°48'42	19°50	15°17	12°55	4°27	25° 1	6° 3	6°27	13°20	1°13	9°18	8°18	3°29	19°15	S 10
M11	5 47 58	26°49'54	1♏46	16°49	13°58	5°14	25° 1	6° 8	6°29	13°23	1°13	9°16	8°15	3°36	19°16	M11
T 12	5 51 54	27°51'06	13°35	18°22	15° 1	6° 1	25° 1	6°14	6°31	13°25	1°13	9°11	8°12	3°43	19°17	T 12
W13	5 55 51	28°52'18	25°24	19°55	16° 4	6°48	25°D 1	6°19	6°32	13°27	1°13	9° 3	8° 9	3°49	19°18	W13
T 14	5 59 47	29°53'30	7♐13	21°28	17° 6	7°35	25° 1	6°24	6°34	13°29	1°14	8°53	8° 5	3°56	19°19	T 14
F 15	6 3 44	0♑54'43	19° 7	23° 2	18° 8	8°22	25° 1	6°29	6°36	13°31	1°14	8°39	8° 2	4° 3	19°20	F 15
S 16	6 7 40	1°55'56	1♑ 6	24°35	19°10	9° 9	25° 2	6°34	6°38	13°34	1°14	8°25	7°59	4° 9	19°22	S 16
S 17	6 11 37	2°57'09	13°12	26°10	20°11	9°56	25° 3	6°39	6°40	13°36	1°14	8° 9	7°56	4°16	19°23	S 17
M18	6 15 34	3°58'21	25°25	27°44	21°11	10°43	25° 4	6°44	6°42	13°38	1°14	7°55	7°53	4°23	19°24	M18
T 19	6 19 30	4°59'34	7♒47	29°19	22°12	11°30	25° 5	6°49	6°44	13°40	1°14	7°43	7°50	4°29	19°26	T 19
W20	6 23 27	6° 0'46	20°18	0♑54	23°12	12°17	25° 6	6°54	6°46	13°43	1°15	7°34	7°46	4°36	19°27	W20
T 21	6 27 23	7° 1'58	3♓ 0	2°30	24°11	13° 4	25° 8	6°59	6°48	13°45	1°15	7°28	7°43	4°43	19°29	T 21
F 22	6 31 20	8° 3'09	15°55	4° 6	25°10	13°51	25°10	7° 3	6°50	13°47	1°15	7°25	7°40	4°50	19°30	F 22
S 23	6 35 16	9° 4'20	29° 6	5°43	26° 8	14°38	25°12	7° 8	6°52	13°50	1°16	7°24	7°37	4°56	19°32	S 23
S 24	6 39 13	10° 5'30	12♈36	7°20	27° 6	15°26	25°14	7°12	6°54	13°52	1°16	7°23	7°34	5° 3	19°34	S 24
M25	6 43 10	11° 6'39	26°27	8°57	28° 4	16°13	25°16	7°17	6°57	13°54	1°16	7°23	7°30	5°10	19°35	M25
T 26	6 47 6	12° 7'48	10♉40	10°35	29° 0	17° 0	25°19	7°21	6°59	13°56	1°17	7°21	7°27	5°16	19°37	T 26
W27	6 51 3	13° 8'56	25°14	12°13	29°57	17°47	25°22	7°25	7° 1	13°59	1°17	7°16	7°24	5°23	19°39	W27
T 28	6 54 59	14°10'04	10♊ 6	13°52	0♓52	18°34	25°25	7°30	7° 4	14° 1	1°18	7° 8	7°21	5°30	19°41	T 28
F 29	6 58 56	15°11'11	25° 8	15°31	1°47	19°21	25°28	7°34	7° 6	14° 3	1°18	6°58	7°18	5°36	19°43	F 29
S 30	7 2 52	16°12'17	10♋11	17°11	2°42	20° 8	25°31	7°38	7° 8	14° 5	1°19	6°47	7°15	5°43	19°45	S 30
S 31	7 6 49	17♑13'23	25♋ 5	18♑51	3♓35	20♒55	25♈35	7♏42	7♓11	14♑ 8	1♈19	6♈35	7♈11	5♐50	19♓47	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22s51	27n30	4n38	20s 0	0n35	21s42	2s15	22s 1	1s17	8n34	1s20	11s 9	2n17	9s58	0s46	22s16	0n38	15s 8	17s 4	3n59	3n30	24s48	0s45	3n53
S 2	22 57	28 30	5 0	20 25	0 27	21 24	2 13	21 51	1 16	8 33	1 20	11 11	2 17	9 57	0 46	22 16	0 38	15 8	17 4	3 55	3 28	24 50	0 45	3 52
S 3	23 3	27 22	5 0	20 49	0 20	21 6	2 10	21 41	1 16	8 33	1 20	11 13	2 17	9 57	0 46	22 15	0 38	15 7	17 4	3 51	3 27	24 52	0 45	3 52
M 4	23 8	24 22	4 40	21 12	0 13	20 47	2 8	21 31	1 16	8 32	1 19	11 15	2 17	9 56	0 46	22 15	0 38	15 7	17 3	3 47	3 26	24 54	0 45	3 52
T 5	23 12	19 59	4 4	21 35	0 6	20 27	2 5	21 20	1 15	8 32	1 19	11 16	2 17	9 56	0 46	22 15	0 38	15 7	17 3	3 45	3 25	24 55	0 45	3 51
W 6	23 16	14 42	3 14	21 56	0s 2	20 7	2 2	21 10	1 15	8 32	1 19	11 18	2 17	9 55	0 46	22 15	0 38	15 6	17 3	3 43	3 23	24 57	0 45	3 51
T 7	23 20	8 55	2 16	22 16	0 9	19 47	1 59	20 59	1 15	8 31	1 18	11 20	2 18	9 55	0 46	22 15	0 38	15 6	17 2	3 42	3 22	24 59	0 45	3 51
F 8	23 23	2 57	1 13	22 36	0 16	19 26	1 55	20 48	1 14	8 31	1 18	11 22	2 18	9 54	0 46	22 15	0 37	15 6	17 2	3 42	3 21	25 1	0 45	3 51
S 9	23 25	2s57	0 8	22 54	0 22	19 5	1 52	20 36	1 14	8 31	1 18	11 23	2 18	9 53	0 46	22 14	0 37	15 5	17 2	3 42	3 20	25 3	0 45	3 50
S 10	23 28	8 39	0s56	23 12	0 29	18 44	1 48	20 25	1 14	8 31	1 17	11 25	2 18	9 53	0 46	22 14	0 37	15 5	17 1	3 42	3 18	25 5	0 45	3 50
M11	23 29	13 56	1 56	23 28	0 36	18 22	1 44	20 13	1 13	8 31	1 17	11 27	2 18	9 52	0 45	22 14	0 37	15 5	17 1	3 41	3 17	25 6	0 45	3 50
T 12	23 31	18 41	2 51	23 43	0 42	17 59	1 40	20 1	1 13	8 32	1 17	11 28	2 18	9 51	0 45	22 14	0 37	15 4	17 0	3 39	3 16	25 8	0 44	3 50
W13	23 31	22 42	3 38	23 57	0 48	17 37	1 36	19 49	1 12	8 32	1 16	11 30	2 18	9 51	0 45	22 13	0 37	15 4	17 0	3 36	3 14	25 10	0 44	3 49
T 14	23 32	25 48	4 16	24 9	0 54	17 14	1 32	19 36	1 12	8 32	1 16	11 31	2 19	9 50	0 45	22 13	0 37	15 4	17 0	3 32	3 13	25 12	0 44	3 49
F 15	23 31	27 46	4 42	24 21	1 0	16 50	1 28	19 23	1 12	8 33	1 16	11 33	2 19	9 49	0 45	22 13	0 37	15 3	16 59	3 27	3 12	25 14	0 44	3 49
S 16	23 31	28 28	4 57	24 31	1 6	16 27	1 23	19 11	1 11	8 33	1 15	11 34	2 19	9 49	0 45	22 13	0 37	15 3	16 59	3 21	3 11	25 15	0 43	3 48
S 17	23 30	27 49	4 58	24 40	1 11	16 3	1 18	18 58	1 11	8 34	1 15	11 36	2 19	9 48	0 45	22 13	0 37	15 2	16 59	3 15	3 9	25 17	0 43	3 48
M18	23 28	25 49	4 46	24 47	1 17	15 39	1 13	18 44	1 10	8 34	1 15	11 37	2 19	9 47	0 45	22 12	0 37	15 2	16 58	3 9	3 8	25 19	0 43	3 48
T 19	23 26	22 34	4 20	24 53	1 22	15 14	1 8	18 31	1 10	8 35	1 14	11 39	2 19	9 46	0 45	22 12	0 37	15 2	16 58	3 4	3 7	25 21	0 43	3 48
W20	23 23	18 16	3 41	24 58	1 27	14 50	1 3	18 17	1 9	8 36	1 14	11 40	2 20	9 46	0 45	22 12	0 37	15 1	16 57	3 1	3 6	25 22	0 42	3 47
T 21	23 20	13 6	2 51	25 1	1 31	14 25	0 57	18 3	1 9	8 37	1 14	11 42	2 20	9 45	0 45	22 12	0 37	15 1	16 57	2 58	3 4	25 24	0 42	3 47
F 22	23 17	7 16	1 51	25 3	1 36	14 0	0 52	17 49	1 8	8 38	1 14	11 43	2 20	9 44	0 45	22 12	0 37	15 0	16 57	2 57	3 3	25 26	0 41	3 47
S 23	23 13	1 2	0 44	25 4	1 40	13 34	0 46	17 35	1 8	8 39	1 13	11 44	2 20	9 43	0 45	22 11	0 37	15 0	16 56	2 57	3 2	25 28	0 41	3 47
S 24	23 9	5n25	0n27	25 3	1 44	13 9	0 40	17 21	1 8	8 40	1 13	11 45	2 20	9 42	0 45	22 11	0 37	14 59	16 56	2 57	3 1	25 29	0 41	3 46
M25	23 4	11 47	1 39	25 0	1 47	12 43	0 34	17 6	1 7	8 41	1 13	11 47	2 21	9 41	0 45	22 11	0 37	14 59	16 56	2 56	2 59	25 31	0 40	3 46
T 26	22 58	17 42	2 46	24 56	1 50	12 18	0 28	16 51	1 7	8 42	1 12	11 48	2 21	9 41	0 45	22 11	0 37	14 58	16 55	2 56	2 58	25 33	0 40	3 46
W27	22 53	22 46	3 44	24 51	1 53	11 52	0 21	16 37	1 6	8 44	1 12	11 49	2 21	9 40	0 45	22 10	0 37	14 58	16 55	2 54	2 57	25 34	0 39	3 46
T 28	22 46	26 28	4 28	24 44	1 56	11 26	0 14	16 21	1 6	8 45	1 12	11 50	2 21	9 39	0 45	22 10	0 37	14 57	16 55	2 51	2 56	25 36	0 39	3 45
F 29	22 40	28 20	4 54	24 35	1 58	11 0	0 7	16 6	1 5	8 47	1 11	11 51	2 21	9 38	0 45	22 10	0 37	14 57	16 54	2 47	2 54	25 38	0 38	3 45
S 30	22 32	28 7	5 0	24 25	2 0	10 34	0 0	15 51	1 5	8 48	1 11	11 53	2 21	9 37	0 45	22 10	0 37	14 56	16 54	2 42	2 53	25 39	0 38	3 45
S 31	22s25	25n52	4n45	24s13	2s 2	10s 7	0n 7	15s35	1s 4	8n50	1s11	11s54	2n22	9s36	0s45	22s10	0n37	14s56	16s54	2n37	2n52	25s41	0s37	3n45

Julian Day Number = 2209000.5, Delta T = 09m30s
Ecliptic obliquity = 23°31'40, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°28'40, Lahiri = 14°35'40 Julian Calendar 1 Dec. 1335 == Greg. Calendar 9 Dec. 1335

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ASTRODIENST EPHEMERIS for the year 1336
geocentric

JANUARY 1336 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	7 10 45	18♉14'28	9♌42	20♉32	4♓28	21♒42	25♈39	7♏45	7♓13	14♉10	1♈20	6°R24	7♈ 8	5♐57	19♓49	M 1
T 2	7 14 42	19°15'33	23°53	22°13	5°20	22°29	25°43	7°49	7°16	14°12	1°20	6♈16	7° 5	6° 3	19°51	T 2
W 3	7 18 39	20°16'37	7♍36	23°55	6°12	23°16	25°47	7°53	7°18	14°15	1°21	6°10	7° 2	6°10	19°53	W 3
T 4	7 22 35	21°17'40	20°51	25°38	7° 2	24° 3	25°51	7°56	7°21	14°17	1°21	6° 7	6°59	6°17	19°56	T 4
F 5	7 26 32	22°18'43	3♎39	27°20	7°52	24°50	25°56	8° 0	7°24	14°19	1°22	6°D 6	6°56	6°23	19°58	F 5
S 6	7 30 28	23°19'46	16° 5	29° 4	8°41	25°37	26° 1	8° 3	7°26	14°21	1°23	6° 7	6°52	6°30	20° 0	S 6
S 7	7 34 25	24°20'48	28°13	0♒47	9°30	26°24	26° 6	8° 7	7°29	14°24	1°23	6°R 7	6°49	6°37	20° 2	S 7
M 8	7 38 21	25°21'49	10♏10	2°32	10°17	27°11	26°11	8°10	7°32	14°26	1°24	6° 5	6°46	6°43	20° 5	M 8
T 9	7 42 18	26°22'50	22° 1	4°16	11° 3	27°58	26°16	8°13	7°35	14°28	1°25	6° 2	6°43	6°50	20° 7	T 9
W10	7 46 14	27°23'50	3♐50	6° 1	11°48	28°45	26°21	8°16	7°37	14°30	1°26	5°56	6°40	6°57	20°10	W10
T 11	7 50 11	28°24'50	15°41	7°45	12°33	29°31	26°27	8°19	7°40	14°33	1°26	5°48	6°37	7° 4	20°12	T 11
F 12	7 54 8	29°25'49	27°39	9°30	13°16	0♓18	26°33	8°22	7°43	14°35	1°27	5°37	6°33	7°10	20°15	F 12
S 13	7 58 4	0♒26'46	9♑45	11°15	13°58	1° 5	26°39	8°25	7°46	14°37	1°28	5°25	6°30	7°17	20°17	S 13
S 14	8 2 1	1°27'43	22° 2	12°59	14°39	1°52	26°45	8°27	7°49	14°39	1°29	5°12	6°27	7°24	20°20	S 14
M15	8 5 57	2°28'39	4♒29	14°44	15°19	2°39	26°51	8°30	7°52	14°41	1°29	5° 0	6°24	7°30	20°23	M15
T 16	8 9 54	3°29'34	17° 7	16°27	15°57	3°26	26°58	8°32	7°55	14°44	1°30	4°49	6°21	7°37	20°25	T 16
W17	8 13 50	4°30'27	29°56	18° 9	16°35	4°12	27° 4	8°35	7°58	14°46	1°31	4°42	6°17	7°44	20°28	W17
T 18	8 17 47	5°31'19	12♓56	19°50	17°10	4°59	27°11	8°37	8° 1	14°48	1°32	4°37	6°14	7°51	20°31	T 18
F 19	8 21 43	6°32'10	26° 7	21°30	17°45	5°46	27°18	8°39	8° 4	14°50	1°33	4°35	6°11	7°57	20°34	F 19
S 20	8 25 40	7°32'59	9♈30	23° 7	18°18	6°33	27°25	8°41	8° 7	14°52	1°34	4°D34	6° 8	8° 4	20°37	S 20
S 21	8 29 37	8°33'47	23° 5	24°42	18°49	7°19	27°33	8°43	8°10	14°54	1°35	4°35	6° 5	8°11	20°40	S 21
M22	8 33 33	9°34'33	6♉55	26°14	19°19	8° 6	27°40	8°45	8°13	14°56	1°36	4°R36	6° 2	8°17	20°42	M22
T 23	8 37 30	10°35'17	20°58	27°42	19°48	8°53	27°48	8°47	8°16	14°59	1°37	4°35	5°58	8°24	20°45	T 23
W24	8 41 26	11°36'00	5♊14	29° 6	20°14	9°39	27°55	8°49	8°19	15° 1	1°38	4°33	5°55	8°31	20°48	W24
T 25	8 45 23	12°36'41	19°42	0♓25	20°39	10°26	28° 3	8°50	8°22	15° 3	1°39	4°28	5°52	8°37	20°51	T 25
F 26	8 49 19	13°37'21	4♋18	1°38	21° 2	11°12	28°11	8°52	8°26	15° 5	1°40	4°22	5°49	8°44	20°54	F 26
S 27	8 53 16	14°37'59	18°54	2°45	21°23	11°59	28°19	8°53	8°29	15° 7	1°41	4°14	5°46	8°51	20°58	S 27
S 28	8 57 13	15°38'35	3♌25	3°45	21°42	12°45	28°28	8°54	8°32	15° 9	1°42	4° 6	5°43	8°58	21° 1	S 28
M29	9 1 9	16°39'10	17°43	4°37	21°59	13°32	28°36	8°55	8°35	15°11	1°43	3°58	5°39	9° 4	21° 4	M29
T 30	9 5 6	17°39'43	1♍43	5°21	22°14	14°18	28°45	8°57	8°39	15°13	1°44	3°52	5°36	9°11	21° 7	T 30
W31	9 9 2	18♒40'14	15♍20	5♓56	22♓27	15♓ 4	28♈54	8♏57	8♓42	15♉15	1♈45	3♈48	5♈33	9♐18	21♓10	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	22s17	21n56	4n12	23s59	2s 3	9s41	0n14	15s20	1s 4	8n51	1s10	11s55	2n22	9s35	0s45	22s 9	0n37	14s55	16s53	2n33	2n51	25s43	0s36	3n44
T 2	22 8	16 48	3 23	23 44	2 4	9 15	0 22	15 4	1 3	8 53	1 10	11 56	2 22	9 34	0 45	22 9	0 37	14 55	16 53	2 30	2 49	25 44	0 36	3 44
W 3	21 59	10 59	2 25	23 27	2 5	8 49	0 30	14 48	1 3	8 55	1 10	11 57	2 22	9 33	0 45	22 9	0 37	14 54	16 53	2 28	2 48	25 46	0 35	3 44
T 4	21 50	4 52	1 20	23 8	2 5	8 23	0 38	14 32	1 2	8 57	1 10	11 58	2 22	9 32	0 45	22 9	0 37	14 54	16 52	2 26	2 47	25 48	0 35	3 44
F 5	21 40	1s15	0 13	22 48	2 4	7 57	0 46	14 16	1 2	8 59	1 9	11 59	2 23	9 31	0 45	22 8	0 37	14 53	16 52	2 26	2 46	25 49	0 34	3 44
S 6	21 30	7 10	0s53	22 26	2 3	7 30	0 54	13 59	1 1	9 1	1 9	11 59	2 23	9 30	0 45	22 8	0 37	14 52	16 52	2 26	2 44	25 51	0 33	3 43
S 7	21 20	12 40	1 55	22 2	2 2	7 4	1 2	13 43	1 0	9 3	1 9	12 0	2 23	9 29	0 45	22 8	0 37	14 52	16 51	2 26	2 43	25 53	0 32	3 43
M 8	21 9	17 37	2 50	21 37	2 0	6 39	1 11	13 26	1 0	9 5	1 8	12 1	2 23	9 28	0 45	22 8	0 37	14 51	16 51	2 26	2 42	25 54	0 32	3 43
T 9	20 57	21 51	3 38	21 10	1 58	6 13	1 20	13 9	0 59	9 7	1 8	12 2	2 24	9 27	0 45	22 7	0 37	14 51	16 51	2 24	2 41	25 56	0 31	3 43
W10	20 45	25 11	4 17	20 41	1 55	5 47	1 29	12 52	0 59	9 9	1 8	12 3	2 24	9 26	0 45	22 7	0 37	14 50	16 50	2 22	2 39	25 57	0 30	3 42
T 11	20 33	27 28	4 44	20 11	1 51	5 22	1 38	12 35	0 58	9 12	1 7	12 3	2 24	9 25	0 45	22 7	0 37	14 50	16 50	2 19	2 38	25 59	0 29	3 42
F 12	20 21	28 30	4 59	19 39	1 47	4 56	1 48	12 18	0 58	9 14	1 7	12 4	2 24	9 24	0 45	22 7	0 37	14 49	16 50	2 14	2 37	26 1	0 29	3 42
S 13	20 8	28 10	5 1	19 6	1 42	4 31	1 57	12 1	0 57	9 16	1 7	12 5	2 24	9 23	0 44	22 7	0 37	14 48	16 49	2 9	2 35	26 2	0 28	3 42
S 14	19 54	26 29	4 49	18 31	1 36	4 7	2 7	11 44	0 57	9 19	1 7	12 5	2 25	9 21	0 44	22 6	0 37	14 48	16 49	2 4	2 34	26 4	0 27	3 42
M15	19 41	23 28	4 24	17 55	1 30	3 42	2 17	11 26	0 56	9 21	1 6	12 6	2 25	9 20	0 44	22 6	0 37	14 47	16 49	2 0	2 33	26 5	0 26	3 41
T 16	19 27	19 20	3 45	17 17	1 23	3 18	2 27	11 9	0 55	9 24	1 6	12 7	2 25	9 19	0 44	22 6	0 37	14 47	16 48	1 55	2 32	26 7	0 25	3 41
W17	19 12	14 15	2 54	16 39	1 16	2 54	2 38	10 51	0 55	9 27	1 6	12 7	2 25	9 18	0 44	22 6	0 37	14 46	16 48	1 52	2 30	26 8	0 24	3 41
T 18	18 58	8 28	1 53	15 59	1 7	2 30	2 48	10 34	0 54	9 29	1 5	12 8	2 26	9 17	0 44	22 5	0 37	14 45	16 48	1 50	2 29	26 10	0 23	3 41
F 19	18 42	2 14	0 45	15 18	0 58	2 7	2 59	10 16	0 54	9 32	1 5	12 8	2 26	9 16	0 44	22 5	0 37	14 45	16 47	1 50	2 28	26 11	0 23	3 41
S 20	18 27	4n11	0n26	14 37	0 48	1 44	3 10	9 58	0 53	9 35	1 5	12 9	2 26	9 15	0 44	22 5	0 37	14 44	16 47	1 49	2 27	26 13	0 22	3 40
S 21	18 11	10 31	1 38	13 55	0 37	1 22	3 21	9 40	0 53	9 38	1 5	12 9	2 26	9 13	0 44	22 5	0 37	14 43	16 47	1 50	2 25	26 14	0 21	3 40
M22	17 55	16 27	2 44	13 13	0 25	1 0	3 32	9 22	0 52	9 41	1 4	12 9	2 26	9 12	0 44	22 4	0 37	14 43	16 47	1 50	2 24	26 16	0 20	3 40
T 23	17 39	21 38	3 42	12 31	0 13	0 38	3 43	9 4	0 51	9 44	1 4	12 10	2 27	9 11	0 44	22 4	0 37	14 42	16 46	1 50	2 23	26 18	0 19	3 40
W24	17 22	25 38	4 27	11 50	0 0	0 17	3 55	8 46	0 51	9 47	1 4	12 10	2 27	9 10	0 44	22 4	0 37	14 41	16 46	1 49	2 22	26 19	0 18	3 40
T 25	17 5	28 3	4 56	11 9	0n14	0n 3	4 6	8 27	0 50	9 50	1 4	12 10	2 27	9 9	0 44	22 4	0 37	14 41	16 46	1 47	2 20	26 20	0 17	3 39
F 26	16 48	28 34	5 6	10 30	0 28	0 23	4 18	8 9	0 50	9 53	1 3	12 11	2 27	9 7	0 44	22 3	0 37	14 40	16 45	1 44	2 19	26 22	0 16	3 39
S 27	16 30	27 5	4 56	9 52	0 43	0 42	4 30	7 51	0 49	9 56	1 3	12 11	2 28	9 6	0 44	22 3	0 37	14 40	16 45	1 41	2 18	26 23	0 15	3 39
S 28	16 12	23 48	4 28	9 15	0 59	1 0	4 42	7 32	0 48	9 59	1 3	12 11	2 28	9 5	0 44	22 3	0 37	14 39	16 45	1 38	2 17	26 25	0 13	3 39
M29	15 54	19 6	3 42	8 42	1 14	1 18	4 54	7 14	0 48	10 3	1 3	12 11	2 28	9 4	0 44	22 3	0 37	14 38	16 45	1 35	2 15	26 26	0 12	3 39
T 30	15 36	13 27	2 44	8 11	1 30	1 35	5 6	6 55	0 47	10 6	1 2	12 11	2 28	9 3	0 44	22 3	0 37	14 38	16 44	1 33	2 14	26 28	0 11	3 39
W31	15s17	7n18	1n38	7s43	1n46	1n51	5n18	6s37	0s46	10n 9	1s 2	12s11	2n29	9s 1	0s44	22s 2	0n37	14s37	16s44	1n31	2n13	26s29	0s10	3n38

Julian Day Number = 2209031.5, Delta T = 09m30s
Ecliptic obliquity = 23°31'40, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°28'44, Lahiri = 14°35'45 Julian Calendar 1 Jan. 1336 == Greg. Calendar 9 Jan. 1336

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ASTRODIENST EPHEMERIS for the year 1336
geocentric

FEBRUARY 1336 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 12 59	19♒40'45	28♍34	6♓21	22♓37	15♓51	29♈ 2	8♏58	8♓45	15♉17	1♈46	3°D47	5♈30	9♐24	21♓13	T 1
F 2	9 16 55	20°41'13	11♎24	6°36	22°45	16°37	29°11	8°59	8°48	15°19	1°47	3♈47	5°27	9°31	21°17	F 2
S 3	9 20 52	21°41'40	23°54	6°R41	22°51	17°23	29°21	9° 0	8°52	15°21	1°49	3°48	5°23	9°38	21°20	S 3
S 4	9 24 48	22°42'06	6♏ 7	6°36	22°55	18°10	29°30	9° 0	8°55	15°23	1°50	3°50	5°20	9°45	21°23	S 4
M 5	9 28 45	23°42'31	18° 7	6°21	22°R56	18°56	29°39	9° 1	8°58	15°25	1°51	3°51	5°17	9°51	21°26	M 5
T 6	9 32 41	24°42'54	0♐ 0	5°56	22°55	19°42	29°49	9° 1	9° 2	15°26	1°52	3°R51	5°14	9°58	21°30	T 6
W 7	9 36 38	25°43'16	11°51	5°22	22°51	20°28	29°58	9° 1	9° 5	15°28	1°53	3°49	5°11	10° 5	21°33	W 7
T 8	9 40 35	26°43'36	23°45	4°41	22°45	21°14	0♉ 8	9° 2	9° 8	15°30	1°55	3°46	5° 8	10°11	21°36	T 8
F 9	9 44 31	27°43'55	5♊46	3°52	22°36	22° 0	0°18	9°R 2	9°12	15°32	1°56	3°41	5° 4	10°18	21°40	F 9
S 10	9 48 28	28°44'12	17°57	2°57	22°25	22°46	0°28	9° 2	9°15	15°34	1°57	3°36	5° 1	10°25	21°43	S 10
S 11	9 52 24	29°44'28	0♒22	1°58	22°11	23°32	0°38	9° 1	9°19	15°36	1°58	3°29	4°58	10°32	21°47	S 11
M12	9 56 21	0♓44'41	13° 1	0°56	21°55	24°18	0°48	9° 1	9°22	15°37	2° 0	3°23	4°55	10°38	21°50	M12
T 13	10 0 17	1°44'54	25°56	29♒53	21°36	25° 4	0°59	9° 1	9°25	15°39	2° 1	3°18	4°52	10°45	21°54	T 13
W14	10 4 14	2°45'04	9♓ 6	28°51	21°15	25°50	1° 9	9° 0	9°29	15°41	2° 2	3°15	4°48	10°52	21°57	W14
T 15	10 8 10	3°45'12	22°29	27°50	20°52	26°36	1°20	9° 0	9°32	15°42	2° 3	3°13	4°45	10°58	22° 1	T 15
F 16	10 12 7	4°45'18	6♈ 5	26°51	20°27	27°22	1°30	8°59	9°36	15°44	2° 5	3°D12	4°42	11° 5	22° 4	F 16
S 17	10 16 4	5°45'23	19°51	25°57	19°59	28° 8	1°41	8°58	9°39	15°46	2° 6	3°13	4°39	11°12	22° 8	S 17
S 18	10 20 0	6°45'25	3♉46	25° 8	19°30	28°53	1°52	8°57	9°43	15°47	2° 7	3°15	4°36	11°19	22°11	S 18
M19	10 23 57	7°45'25	17°48	24°24	18°58	29°39	2° 3	8°56	9°46	15°49	2° 9	3°16	4°33	11°25	22°15	M19
T 20	10 27 53	8°45'23	1♊56	23°47	18°26	0♈25	2°14	8°55	9°49	15°50	2°10	3°17	4°29	11°32	22°18	T 20
W21	10 31 50	9°45'18	16° 7	23°16	17°51	1°10	2°25	8°54	9°53	15°52	2°11	3°R17	4°26	11°39	22°22	W21
T 22	10 35 46	10°45'12	0♋20	22°51	17°16	1°56	2°36	8°53	9°56	15°53	2°13	3°16	4°23	11°45	22°26	T 22
F 23	10 39 43	11°45'03	14°32	22°33	16°39	2°41	2°48	8°52	10° 0	15°55	2°14	3°14	4°20	11°52	22°29	F 23
S 24	10 43 39	12°44'52	28°40	22°21	16° 2	3°27	2°59	8°50	10° 3	15°56	2°16	3°11	4°17	11°59	22°33	S 24
S 25	10 47 36	13°44'38	12♌41	22°D16	15°25	4°12	3°11	8°48	10° 7	15°58	2°17	3° 8	4°14	12° 6	22°36	S 25
M26	10 51 33	14°44'23	26°30	22°17	14°47	4°58	3°22	8°47	10°10	15°59	2°18	3° 6	4°10	12°12	22°40	M26
T 27	10 55 29	15°44'05	10♍ 6	22°24	14° 9	5°43	3°34	8°45	10°13	16° 1	2°20	3° 4	4° 7	12°19	22°44	T 27
W28	10 59 26	16°43'45	23°26	22°37	13°31	6°28	3°46	8°43	10°17	16° 2	2°21	3° 3	4° 4	12°26	22°47	W28
T 29	11 3 22	17♓43'23	6♎27	22♒55	12♓54	7♈13	3♉58	8♏41	10♓20	16♉ 3	2♈23	3°D 3	4♈ 1	12♐32	22♓51	T 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	14s58	1n 0	0n28	7s19	2n 2	2n 6	5n30	6s18	0s46	10n13	1s 2	12s11	2n29	9s 0	0s44	22s 2	0n37	14s36	16s44	1n30	2n11	26s31	0s 9	3n38
F 2	14 39	5s10	0s41	6 59	2 18	2 21	5 42	6 0	0 45	10 16	1 2	12 11	2 29	8 59	0 44	22 2	0 37	14 36	16 44	1 31	2 10	26 32	0 8	3 38
S 3	14 20	10 58	1 47	6 43	2 33	2 34	5 54	5 41	0 45	10 20	1 1	12 11	2 29	8 58	0 44	22 2	0 37	14 35	16 43	1 31	2 9	26 34	0 7	3 38
S 4	14 0	16 13	2 46	6 32	2 47	2 46	6 6	5 22	0 44	10 23	1 1	12 11	2 29	8 56	0 44	22 1	0 37	14 34	16 43	1 32	2 8	26 35	0 6	3 38
M 5	13 40	20 46	3 37	6 25	3 0	2 58	6 17	5 4	0 43	10 27	1 1	12 11	2 30	8 55	0 44	22 1	0 37	14 34	16 43	1 32	2 6	26 36	0 4	3 38
T 6	13 20	24 26	4 18	6 24	3 12	3 8	6 29	4 45	0 43	10 30	1 1	12 11	2 30	8 54	0 44	22 1	0 37	14 33	16 43	1 32	2 5	26 38	0 3	3 37
W 7	13 0	27 3	4 48	6 26	3 22	3 17	6 41	4 26	0 42	10 34	1 0	12 11	2 30	8 52	0 44	22 1	0 37	14 32	16 43	1 32	2 4	26 39	0 2	3 37
T 8	12 39	28 28	5 6	6 33	3 31	3 25	6 52	4 7	0 41	10 37	1 0	12 11	2 30	8 51	0 44	22 1	0 37	14 32	16 42	1 30	2 3	26 41	0 1	3 37
F 9	12 18	28 34	5 10	6 45	3 38	3 32	7 3	3 48	0 41	10 41	1 0	12 11	2 31	8 50	0 44	22 0	0 37	14 31	16 42	1 28	2 1	26 42	0n 0	3 37
S 10	11 57	27 17	5 1	7 0	3 42	3 37	7 14	3 30	0 40	10 45	1 0	12 11	2 31	8 49	0 44	22 0	0 37	14 30	16 42	1 26	2 0	26 43	0 2	3 37
S 11	11 36	24 40	4 37	7 19	3 45	3 41	7 24	3 11	0 39	10 49	0 59	12 10	2 31	8 47	0 44	22 0	0 37	14 30	16 42	1 23	1 59	26 45	0 3	3 37
M12	11 15	20 48	4 0	7 40	3 45	3 44	7 34	2 52	0 39	10 52	0 59	12 10	2 31	8 46	0 44	22 0	0 37	14 29	16 42	1 21	1 58	26 46	0 4	3 37
T 13	10 54	15 54	3 10	8 4	3 43	3 46	7 44	2 33	0 38	10 56	0 59	12 10	2 32	8 45	0 44	22 0	0 37	14 28	16 41	1 19	1 56	26 47	0 5	3 36
W14	10 32	10 10	2 8	8 29	3 39	3 46	7 53	2 14	0 38	11 0	0 59	12 9	2 32	8 43	0 44	21 59	0 37	14 28	16 41	1 18	1 55	26 49	0 7	3 36
T 15	10 10	3 53	0 58	8 56	3 33	3 44	8 1	1 55	0 37	11 4	0 59	12 9	2 32	8 42	0 44	21 59	0 37	14 27	16 41	1 17	1 54	26 50	0 8	3 36
F 16	9 48	2n40	0n16	9 23	3 26	3 42	8 9	1 36	0 36	11 8	0 58	12 8	2 32	8 41	0 44	21 59	0 37	14 26	16 41	1 17	1 53	26 51	0 9	3 36
S 17	9 26	9 11	1 30	9 50	3 16	3 38	8 16	1 18	0 36	11 12	0 58	12 8	2 32	8 39	0 44	21 59	0 37	14 26	16 41	1 17	1 51	26 53	0 10	3 36
S 18	9 4	15 20	2 40	10 17	3 6	3 32	8 23	0 59	0 35	11 16	0 58	12 7	2 33	8 38	0 44	21 59	0 37	14 25	16 41	1 18	1 50	26 54	0 12	3 36
M19	8 41	20 44	3 41	10 42	2 54	3 25	8 29	0 40	0 34	11 20	0 58	12 7	2 33	8 37	0 44	21 58	0 37	14 24	16 40	1 18	1 49	26 55	0 13	3 36
T 20	8 19	25 0	4 29	11 6	2 41	3 17	8 33	0 21	0 34	11 24	0 58	12 6	2 33	8 36	0 44	21 58	0 37	14 24	16 40	1 19	1 47	26 57	0 14	3 36
W21	7 56	27 47	5 0	11 29	2 28	3 7	8 37	0 2	0 33	11 28	0 57	12 6	2 33	8 34	0 44	21 58	0 37	14 23	16 40	1 19	1 46	26 58	0 16	3 36
T 22	7 34	28 46	5 14	11 50	2 14	2 56	8 41	0n17	0 32	11 32	0 57	12 5	2 34	8 33	0 44	21 58	0 37	14 22	16 40	1 18	1 45	26 59	0 17	3 35
F 23	7 11	27 50	5 8	12 10	2 0	2 44	8 43	0 35	0 32	11 36	0 57	12 5	2 34	8 32	0 44	21 58	0 37	14 22	16 40	1 17	1 44	27 0	0 18	3 35
S 24	6 48	25 8	4 44	12 27	1 45	2 31	8 44	0 54	0 31	11 40	0 57	12 4	2 34	8 30	0 44	21 57	0 37	14 21	16 40	1 16	1 42	27 2	0 20	3 35
S 25	6 25	20 57	4 3	12 42	1 31	2 17	8 44	1 13	0 30	11 44	0 57	12 3	2 34	8 29	0 44	21 57	0 37	14 20	16 40	1 15	1 41	27 3	0 21	3 35
M26	6 2	15 40	3 8	12 55	1 17	2 2	8 43	1 31	0 30	11 48	0 56	12 3	2 34	8 28	0 44	21 57	0 37	14 20	16 40	1 14	1 40	27 4	0 22	3 35
T 27	5 39	9 42	2 3	13 6	1 3	1 46	8 41	1 50	0 29	11 52	0 56	12 2	2 35	8 26	0 44	21 57	0 37	14 19	16 39	1 13	1 39	27 5	0 24	3 35
W28	5 15	3 26	0 53	13 15	0 49	1 29	8 39	2 9	0 28	11 56	0 56	12 1	2 35	8 25	0 44	21 57	0 37	14 18	16 39	1 13	1 37	27 7	0 25	3 35
T 29	4s52	2s52	0s19	13s22	0n35	1n12	8n35	2n27	0s28	12n 1	0s56	12s 0	2n35	8s24	0s44	21s57	0n37	14s18	16s39	1n13	1n36	27s 8	0n26	3n35

Julian Day Number = 2209062.5, Delta T = 09m29s
Ecliptic obliquity = 23°31'41, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°28'49, Lahiri = 14°35'49 Julian Calendar 1 Feb. 1336 == Greg. Calendar 9 Feb. 1336

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ASTRODIENST EPHEMERIS for the year 1336
geocentric

MARCH 1336 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	11 7 19	18♓42'59	19♎11	23♒18	12°R18	7♈59	4♉10	8°R39	10♓24	16♑ 5	2♈24	3♈ 3	3♈58	12♐39	22♓55	F 1
S 2	11 11 15	19°42'34	1♏39	23°46	11♓43	8°44	4°22	8♏37	10°27	16° 6	2°25	3° 4	3°54	12°46	22°58	S 2
S 3	11 15 12	20°42'06	13°52	24°19	11° 9	9°29	4°34	8°35	10°31	16° 7	2°27	3° 5	3°51	12°53	23° 2	S 3
M 4	11 19 8	21°41'37	25°54	24°55	10°37	10°14	4°46	8°33	10°34	16° 8	2°28	3° 6	3°48	12°59	23° 5	M 4
T 5	11 23 5	22°41'06	7♐49	25°36	10° 6	10°59	4°58	8°30	10°37	16° 9	2°30	3° 7	3°45	13° 6	23° 9	T 5
W 6	11 27 2	23°40'33	19°42	26°20	9°37	11°44	5°10	8°28	10°41	16°11	2°31	3°R 8	3°42	13°13	23°13	W 6
T 7	11 30 58	24°39'58	1♑36	27° 8	9°10	12°29	5°23	8°25	10°44	16°12	2°33	3° 8	3°39	13°19	23°16	T 7
F 8	11 34 55	25°39'22	13°37	27°59	8°45	13°14	5°35	8°23	10°47	16°13	2°34	3° 7	3°35	13°26	23°20	F 8
S 9	11 38 51	26°38'44	25°50	28°54	8°22	13°59	5°48	8°20	10°51	16°14	2°36	3° 7	3°32	13°33	23°24	S 9
S 10	11 42 48	27°38'04	8♒17	29°51	8° 2	14°43	6° 0	8°17	10°54	16°15	2°37	3° 6	3°29	13°40	23°27	S 10
M11	11 46 44	28°37'22	21° 3	0♓51	7°44	15°28	6°13	8°14	10°57	16°16	2°38	3° 5	3°26	13°46	23°31	M11
T 12	11 50 41	29°36'38	4♓ 8	1°54	7°28	16°13	6°26	8°11	11° 1	16°17	2°40	3° 5	3°23	13°53	23°35	T 12
W13	11 54 37	0♈35'52	17°34	2°59	7°15	16°57	6°39	8° 8	11° 4	16°18	2°41	3° 4	3°20	14° 0	23°38	W13
T 14	11 58 34	1°35'04	1♈19	4° 7	7° 4	17°42	6°51	8° 5	11° 7	16°19	2°43	3°D 4	3°16	14° 6	23°42	T 14
F 15	12 2 31	2°34'14	15°21	5°17	6°56	18°27	7° 4	8° 2	11°11	16°20	2°44	3°R 4	3°13	14°13	23°46	F 15
S 16	12 6 27	3°33'22	29°36	6°29	6°50	19°11	7°17	7°59	11°14	16°20	2°46	3° 4	3°10	14°20	23°49	S 16
S 17	12 10 24	4°32'27	13♉59	7°44	6°47	19°56	7°30	7°55	11°17	16°21	2°47	3° 4	3° 7	14°27	23°53	S 17
M18	12 14 20	5°31'31	28°25	9° 0	6°D46	20°40	7°43	7°52	11°20	16°22	2°49	3° 4	3° 4	14°33	23°56	M18
T 19	12 18 17	6°30'32	12♊49	10°18	6°47	21°24	7°56	7°48	11°23	16°23	2°50	3° 4	3° 0	14°40	24° 0	T 19
W20	12 22 13	7°29'31	27° 9	11°39	6°51	22° 9	8°10	7°45	11°27	16°23	2°52	3° 4	2°57	14°47	24° 4	W20
T 21	12 26 10	8°28'28	11♋19	13° 1	6°57	22°53	8°23	7°41	11°30	16°24	2°53	3°D 4	2°54	14°53	24° 7	T 21
F 22	12 30 6	9°27'22	25°19	14°25	7° 5	23°37	8°36	7°38	11°33	16°25	2°54	3° 4	2°51	15° 0	24°11	F 22
S 23	12 34 3	10°26'14	9♌ 8	15°50	7°15	24°21	8°49	7°34	11°36	16°25	2°56	3° 4	2°48	15° 7	24°14	S 23
S 24	12 38 0	11°25'03	22°43	17°18	7°28	25° 5	9° 3	7°30	11°39	16°26	2°57	3° 5	2°45	15°14	24°18	S 24
M25	12 41 56	12°23'50	6♍ 6	18°47	7°42	25°49	9°16	7°26	11°42	16°27	2°59	3° 6	2°41	15°20	24°21	M25
T 26	12 45 53	13°22'35	19°16	20°17	7°59	26°33	9°30	7°23	11°45	16°27	3° 0	3° 6	2°38	15°27	24°25	T 26
W27	12 49 49	14°21'18	2♎12	21°50	8°17	27°17	9°43	7°19	11°48	16°28	3° 2	3°R 7	2°35	15°34	24°28	W27
T 28	12 53 46	15°19'59	14°55	23°24	8°38	28° 1	9°57	7°15	11°51	16°28	3° 3	3° 6	2°32	15°40	24°32	T 28
F 29	12 57 42	16°18'38	27°26	25° 0	9° 0	28°45	10°10	7°11	11°54	16°28	3° 4	3° 6	2°29	15°47	24°35	F 29
S 30	13 1 39	17°17'15	9♏45	26°37	9°24	29°29	10°24	7° 7	11°57	16°29	3° 6	3° 4	2°25	15°54	24°39	S 30
S 31	13 5 35	18♈15'50	21♏53	28♓16	9♓49	0♉13	10♉37	7♏ 2	12♓ 0	16♑29	3♈ 7	3♈ 2	2♈22	16♐ 1	24♓42	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	4s29	8s54	1s28	13s27	0n22	0n54	8n30	2n46	0s27	12n 5	0s56	11s59	2n35	8s23	0s44	21s56	0n37	14s17	16s39	1n13	1n35	27s 9	0n28	3n35
S 2	4 5	14 27	2 32	13 30	0 9	0 35	8 25	3 4	0 26	12 9	0 55	11 59	2 35	8 21	0 44	21 56	0 37	14 16	16 39	1 13	1 34	27 10	0 29	3 35
S 3	3 42	19 21	3 27	13 31	0s 3	0 17	8 19	3 23	0 26	12 13	0 55	11 58	2 36	8 20	0 44	21 56	0 37	14 16	16 39	1 14	1 32	27 12	0 30	3 35
M 4	3 18	23 23	4 12	13 30	0 15	0s 2	8 12	3 41	0 25	12 18	0 55	11 57	2 36	8 19	0 44	21 56	0 37	14 15	16 39	1 14	1 31	27 13	0 32	3 35
T 5	2 55	26 24	4 46	13 27	0 27	0 21	8 4	3 59	0 24	12 22	0 55	11 56	2 36	8 17	0 44	21 56	0 37	14 15	16 39	1 15	1 30	27 14	0 33	3 35
W 6	2 31	28 15	5 8	13 22	0 38	0 39	7 55	4 18	0 24	12 26	0 55	11 55	2 36	8 16	0 44	21 56	0 37	14 14	16 39	1 15	1 28	27 15	0 35	3 34
T 7	2 8	28 48	5 16	13 16	0 48	0 58	7 46	4 36	0 23	12 30	0 55	11 54	2 36	8 15	0 44	21 56	0 37	14 13	16 39	1 15	1 27	27 16	0 36	3 34
F 8	1 44	27 59	5 11	13 7	0 58	1 16	7 36	4 54	0 22	12 35	0 54	11 53	2 36	8 14	0 44	21 55	0 37	14 13	16 39	1 15	1 26	27 17	0 37	3 34
S 9	1 20	25 50	4 52	12 57	1 8	1 34	7 26	5 12	0 22	12 39	0 54	11 52	2 37	8 12	0 44	21 55	0 37	14 12	16 39	1 14	1 25	27 19	0 39	3 34
S 10	0 57	22 25	4 19	12 46	1 17	1 51	7 15	5 30	0 21	12 43	0 54	11 51	2 37	8 11	0 44	21 55	0 37	14 11	16 39	1 14	1 23	27 20	0 40	3 34
M11	0 33	17 53	3 32	12 32	1 25	2 8	7 4	5 48	0 20	12 48	0 54	11 50	2 37	8 10	0 44	21 55	0 37	14 11	16 39	1 14	1 22	27 21	0 42	3 34
T 12	0 9	12 25	2 34	12 17	1 33	2 25	6 52	6 6	0 20	12 52	0 54	11 49	2 37	8 9	0 44	21 55	0 37	14 10	16 39	1 14	1 21	27 22	0 43	3 34
W13	0n14	6 14	1 25	12 0	1 40	2 41	6 41	6 24	0 19	12 56	0 54	11 47	2 37	8 7	0 44	21 55	0 37	14 10	16 39	1 14	1 20	27 23	0 44	3 34
T 14	0 38	0n23	0 10	11 42	1 47	2 56	6 29	6 41	0 18	13 1	0 53	11 46	2 37	8 6	0 44	21 55	0 37	14 9	16 39	1 14	1 18	27 24	0 46	3 34
F 15	1 2	7 6	1n 8	11 22	1 54	3 10	6 16	6 59	0 18	13 5	0 53	11 45	2 38	8 5	0 44	21 55	0 37	14 9	16 39	1 14	1 17	27 25	0 47	3 34
S 16	1 25	13 35	2 22	11 1	2 0	3 24	6 4	7 17	0 17	13 9	0 53	11 44	2 38	8 4	0 44	21 54	0 37	14 8	16 39	1 14	1 16	27 26	0 49	3 34
S 17	1 49	19 24	3 28	10 38	2 5	3 37	5 51	7 34	0 16	13 14	0 53	11 43	2 38	8 2	0 44	21 54	0 37	14 7	16 39	1 14	1 15	27 28	0 50	3 34
M18	2 12	24 7	4 21	10 14	2 10	3 49	5 39	7 51	0 16	13 18	0 53	11 42	2 38	8 1	0 44	21 54	0 37	14 7	16 39	1 13	1 13	27 29	0 51	3 34
T 19	2 36	27 20	4 57	9 48	2 15	4 0	5 26	8 9	0 15	13 23	0 53	11 40	2 38	8 0	0 44	21 54	0 37	14 6	16 39	1 13	1 12	27 30	0 53	3 34
W20	2 59	28 45	5 15	9 21	2 18	4 10	5 14	8 26	0 14	13 27	0 53	11 39	2 38	7 59	0 44	21 54	0 37	14 6	16 39	1 13	1 11	27 31	0 54	3 34
T 21	3 22	28 15	5 14	8 53	2 22	4 20	5 1	8 43	0 14	13 31	0 52	11 38	2 38	7 58	0 44	21 54	0 37	14 5	16 39	1 13	1 9	27 32	0 56	3 34
F 22	3 46	25 57	4 53	8 23	2 25	4 29	4 49	9 0	0 13	13 36	0 52	11 37	2 38	7 56	0 44	21 54	0 37	14 5	16 39	1 13	1 8	27 33	0 57	3 34
S 23	4 9	22 9	4 16	7 52	2 27	4 36	4 36	9 17	0 12	13 40	0 52	11 35	2 39	7 55	0 44	21 54	0 37	14 4	16 39	1 14	1 7	27 34	0 59	3 34
S 24	4 32	17 13	3 25	7 19	2 29	4 43	4 24	9 34	0 12	13 45	0 52	11 34	2 39	7 54	0 44	21 54	0 37	14 4	16 39	1 14	1 6	27 35	1 0	3 34
M25	4 55	11 32	2 24	6 45	2 30	4 49	4 11	9 51	0 11	13 49	0 52	11 33	2 39	7 53	0 44	21 54	0 37	14 3	16 39	1 14	1 4	27 36	1 1	3 34
T 26	5 18	5 26	1 16	6 10	2 31	4 54	3 59	10 7	0 10	13 53	0 52	11 31	2 39	7 52	0 44	21 53	0 37	14 3	16 39	1 14	1 3	27 37	1 3	3 34
W27	5 41	0s48	0 5	5 34	2 31	4 59	3 47	10 24	0 10	13 58	0 52	11 30	2 39	7 51	0 44	21 53	0 37	14 2	16 39	1 15	1 2	27 38	1 4	3 34
T 28	6 4	6 54	1s 5	4 57	2 31	5 2	3 35	10 40	0 9	14 2	0 51	11 28	2 39	7 49	0 44	21 53	0 37	14 2	16 39	1 14	1 1	27 39	1 5	3 34
F 29	6 26	12 37	2 10	4 18	2 30	5 5	3 24	10 56	0 8	14 7	0 51	11 27	2 39	7 48	0 44	21 53	0 37	14 1	16 39	1 14	0 59	27 40	1 7	3 34
S 30	6 49	17 46	3 9	3 38	2 29	5 6	3 12	11 12	0 8	14 11	0 51	11 26	2 39	7 47	0 44	21 53	0 37	14 1	16 39	1 13	0 58	27 41	1 8	3 34
S 31	7n11	22s 8	3s58	2s57	2s27	5s 7	3n 1	11n29	0s 7	14n15	0s51	11s24	2n39	7s46	0s44	21s53	0n37	14s 0	16s39	1n13	0n57	27s42	1n10	3n34

Julian Day Number = 2209091.5, Delta T = 09m29s
Ecliptic obliquity = 23°31'41, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°28'53, Lahiri = 14°35'53 Julian Calendar 1 March 1336 == Greg. Calendar 9 March 1336

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ASTRODIENST EPHEMERIS for the year 1336
geocentric

APRIL 1336 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	13 9 32	19♈14'23	3♐53	29♓57	10♓17	0♉56	10♉51	6°R58	12♓ 3	16♎29	3♈ 9	2°R59	2♈19	16♐ 7	24♓45	M 1
T 2	13 13 29	20°12'55	15°48	1♈39	10°45	1°40	11° 5	6♏54	12° 6	16°30	3°10	2♈57	2°16	16°14	24°49	T 2
W 3	13 17 25	21°11'25	27°41	3°23	11°16	2°24	11°19	6°50	12° 9	16°30	3°12	2°55	2°13	16°21	24°52	W 3
T 4	13 21 22	22° 9'53	9♎35	5° 9	11°47	3° 7	11°32	6°46	12°12	16°30	3°13	2°53	2°10	16°27	24°55	T 4
F 5	13 25 18	23° 8'19	21°35	6°56	12°21	3°51	11°46	6°41	12°15	16°30	3°14	2°D53	2° 6	16°34	24°59	F 5
S 6	13 29 15	24° 6'44	3♒46	8°45	12°55	4°34	12° 0	6°37	12°17	16°31	3°16	2°53	2° 3	16°41	25° 2	S 6
S 7	13 33 11	25° 5'08	16°11	10°36	13°31	5°17	12°14	6°33	12°20	16°31	3°17	2°54	2° 0	16°48	25° 5	S 7
M 8	13 37 8	26° 3'29	28°56	12°28	14° 8	6° 1	12°28	6°28	12°23	16°31	3°18	2°56	1°57	16°54	25° 9	M 8
T 9	13 41 4	27° 1'49	12♓ 4	14°22	14°46	6°44	12°42	6°24	12°25	16°31	3°20	2°57	1°54	17° 1	25°12	T 9
W10	13 45 1	28° 0'08	25°37	16°18	15°26	7°27	12°56	6°19	12°28	16°R31	3°21	2°58	1°51	17° 8	25°15	W10
T 11	13 48 57	28°58'25	9♈34	18°15	16° 6	8°11	13°10	6°15	12°31	16°31	3°22	2°R58	1°47	17°14	25°18	T 11
F 12	13 52 54	29°56'40	23°54	20°14	16°47	8°54	13°24	6°10	12°33	16°31	3°24	2°57	1°44	17°21	25°21	F 12
S 13	13 56 51	0♉54'53	8♉32	22°15	17°30	9°37	13°38	6° 6	12°36	16°31	3°25	2°54	1°41	17°28	25°24	S 13
S 14	14 0 47	1°53'05	23°22	24°17	18°13	10°20	13°52	6° 1	12°38	16°31	3°26	2°51	1°38	17°35	25°28	S 14
M15	14 4 44	2°51'15	8♊15	26°20	18°58	11° 3	14° 6	5°57	12°41	16°30	3°28	2°47	1°35	17°41	25°31	M15
T 16	14 8 40	3°49'23	23° 3	28°25	19°43	11°46	14°20	5°52	12°43	16°30	3°29	2°42	1°31	17°48	25°34	T 16
W17	14 12 37	4°47'29	7♋40	0♉32	20°29	12°29	14°34	5°48	12°46	16°30	3°30	2°39	1°28	17°55	25°37	W17
T 18	14 16 33	5°45'33	22° 0	2°39	21°16	13°12	14°48	5°43	12°48	16°30	3°32	2°37	1°25	18° 1	25°40	T 18
F 19	14 20 30	6°43'35	6♌ 0	4°48	22° 4	13°54	15° 2	5°39	12°51	16°30	3°33	2°D36	1°22	18° 8	25°43	F 19
S 20	14 24 27	7°41'35	19°41	6°57	22°52	14°37	15°16	5°34	12°53	16°29	3°34	2°37	1°19	18°15	25°46	S 20
S 21	14 28 23	8°39'33	3♍ 2	9° 7	23°41	15°20	15°30	5°30	12°55	16°29	3°35	2°38	1°16	18°22	25°48	S 21
M22	14 32 20	9°37'29	16° 6	11°18	24°31	16° 3	15°44	5°25	12°57	16°29	3°37	2°39	1°12	18°28	25°51	M22
T 23	14 36 16	10°35'24	28°55	13°28	25°22	16°45	15°58	5°21	13° 0	16°28	3°38	2°R40	1° 9	18°35	25°54	T 23
W24	14 40 13	11°33'16	11♎31	15°39	26°13	17°28	16°12	5°16	13° 2	16°28	3°39	2°40	1° 6	18°42	25°57	W24
T 25	14 44 9	12°31'07	23°56	17°49	27° 5	18°10	16°27	5°12	13° 4	16°27	3°40	2°38	1° 3	18°49	26° 0	T 25
F 26	14 48 6	13°28'56	6♏12	19°59	27°58	18°53	16°41	5° 8	13° 6	16°27	3°41	2°34	1° 0	18°55	26° 2	F 26
S 27	14 52 2	14°26'44	18°20	22° 7	28°51	19°35	16°55	5° 3	13° 8	16°26	3°43	2°28	0°57	19° 2	26° 5	S 27
S 28	14 55 59	15°24'31	0♐22	24°14	29°44	20°17	17° 9	4°59	13°10	16°26	3°44	2°21	0°53	19° 9	26° 8	S 28
M29	14 59 55	16°22'16	12°18	26°20	0♈38	21° 0	17°23	4°54	13°12	16°25	3°45	2°13	0°50	19°15	26°10	M29
T 30	15 3 52	17♉20'00	24♐11	28♉24	1♈33	21♉42	17♉37	4♏50	13♓14	16♎25	3♈46	2♈ 4	0♈47	19♐22	26♓13	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	7n34	25s31	4s36	2s14	2s25	5s 7	2n50	11n44	0s 7	14n20	0s51	11s23	2n39	7s45	0s44	21s53	0n37	14s 0	16s39	1n12	0n56	27s43	1n11	3n34
T 2	7 56	27 45	5 1	1 31	2 22	5 7	2 39	12 0	0 6	14 24	0 51	11 21	2 39	7 44	0 44	21 53	0 38	13 59	16 39	1 11	0 54	27 44	1 12	3 34
W 3	8 18	28 44	5 14	0 47	2 19	5 5	2 28	12 16	0 5	14 29	0 51	11 20	2 39	7 43	0 44	21 53	0 38	13 59	16 40	1 10	0 53	27 45	1 14	3 34
T 4	8 40	28 23	5 13	0 1	2 15	5 3	2 18	12 32	0 5	14 33	0 51	11 19	2 40	7 42	0 45	21 53	0 38	13 58	16 40	1 9	0 52	27 46	1 15	3 34
F 5	9 1	26 42	4 58	0n46	2 11	5 0	2 7	12 47	0 4	14 37	0 51	11 17	2 40	7 41	0 45	21 53	0 38	13 58	16 40	1 9	0 50	27 47	1 16	3 34
S 6	9 23	23 46	4 31	1 33	2 6	4 56	1 57	13 2	0 3	14 42	0 50	11 16	2 40	7 40	0 45	21 53	0 38	13 57	16 40	1 9	0 49	27 48	1 18	3 34
S 7	9 45	19 41	3 50	2 22	2 1	4 51	1 47	13 18	0 3	14 46	0 50	11 14	2 40	7 39	0 45	21 53	0 38	13 57	16 40	1 9	0 48	27 49	1 19	3 34
M 8	10 6	14 38	2 56	3 11	1 55	4 46	1 37	13 33	0 2	14 50	0 50	11 13	2 40	7 38	0 45	21 53	0 38	13 57	16 40	1 10	0 47	27 50	1 20	3 34
T 9	10 27	8 47	1 52	4 1	1 48	4 40	1 28	13 48	0 1	14 55	0 50	11 11	2 40	7 37	0 45	21 53	0 38	13 56	16 40	1 11	0 45	27 50	1 22	3 34
W10	10 48	2 22	0 40	4 52	1 41	4 33	1 19	14 2	0 1	14 59	0 50	11 10	2 40	7 36	0 45	21 53	0 38	13 56	16 40	1 11	0 44	27 51	1 23	3 34
T 11	11 9	4n21	0n36	5 44	1 34	4 26	1 10	14 17	0 0	15 3	0 50	11 8	2 40	7 35	0 45	21 53	0 38	13 55	16 41	1 11	0 43	27 52	1 24	3 34
F 12	11 30	11 3	1 52	6 36	1 26	4 18	1 1	14 32	0n 1	15 8	0 50	11 7	2 40	7 34	0 45	21 53	0 38	13 55	16 41	1 11	0 42	27 53	1 26	3 34
S 13	11 50	17 17	3 3	7 29	1 18	4 9	0 52	14 46	0 1	15 12	0 50	11 5	2 40	7 33	0 45	21 53	0 38	13 55	16 41	1 10	0 40	27 54	1 27	3 34
S 14	12 10	22 35	4 1	8 22	1 9	4 0	0 44	15 0	0 2	15 16	0 50	11 4	2 40	7 32	0 45	21 53	0 38	13 54	16 41	1 8	0 39	27 55	1 28	3 35
M15	12 30	26 26	4 44	9 16	1 0	3 50	0 35	15 14	0 2	15 20	0 49	11 2	2 40	7 31	0 45	21 53	0 38	13 54	16 41	1 6	0 38	27 56	1 29	3 35
T 16	12 50	28 28	5 8	10 10	0 51	3 40	0 27	15 28	0 3	15 25	0 49	11 1	2 40	7 30	0 45	21 53	0 38	13 54	16 41	1 5	0 37	27 57	1 31	3 35
W17	13 10	28 29	5 11	11 4	0 41	3 29	0 20	15 42	0 4	15 29	0 49	11 0	2 40	7 29	0 45	21 53	0 38	13 53	16 42	1 3	0 35	27 57	1 32	3 35
T 18	13 29	26 34	4 55	11 57	0 31	3 18	0 12	15 56	0 4	15 33	0 49	10 58	2 40	7 28	0 45	21 53	0 38	13 53	16 42	1 3	0 34	27 58	1 33	3 35
F 19	13 49	23 3	4 21	12 51	0 21	3 5	0 4	16 9	0 5	15 37	0 49	10 57	2 40	7 27	0 45	21 53	0 38	13 53	16 42	1 2	0 33	27 59	1 34	3 35
S 20	14 8	18 20	3 33	13 43	0 10	2 53	0s 3	16 22	0 6	15 42	0 49	10 55	2 40	7 26	0 45	21 53	0 38	13 52	16 42	1 3	0 31	28 0	1 36	3 35
S 21	14 26	12 50	2 34	14 36	0n 0	2 40	0 10	16 36	0 6	15 46	0 49	10 54	2 40	7 26	0 45	21 53	0 38	13 52	16 42	1 3	0 30	28 1	1 37	3 35
M22	14 45	6 52	1 29	15 27	0 11	2 26	0 17	16 49	0 7	15 50	0 49	10 52	2 40	7 25	0 45	21 53	0 38	13 52	16 43	1 4	0 29	28 2	1 38	3 35
T 23	15 3	0 45	0 20	16 17	0 21	2 12	0 23	17 1	0 8	15 54	0 49	10 51	2 40	7 24	0 45	21 53	0 38	13 51	16 43	1 4	0 28	28 2	1 39	3 35
W24	15 21	5s18	0s48	17 6	0 32	1 58	0 30	17 14	0 8	15 58	0 49	10 49	2 39	7 23	0 45	21 53	0 38	13 51	16 43	1 4	0 26	28 3	1 40	3 35
T 25	15 39	11 4	1 53	17 53	0 42	1 43	0 36	17 27	0 9	16 2	0 49	10 48	2 39	7 22	0 45	21 53	0 38	13 51	16 43	1 3	0 25	28 4	1 42	3 35
F 26	15 57	16 20	2 52	18 38	0 52	1 27	0 42	17 39	0 9	16 7	0 48	10 47	2 39	7 22	0 45	21 53	0 38	13 51	16 44	1 1	0 24	28 5	1 43	3 35
S 27	16 14	20 54	3 42	19 22	1 2	1 12	0 48	17 51	0 10	16 11	0 48	10 45	2 39	7 21	0 45	21 53	0 38	13 50	16 44	0 59	0 23	28 5	1 44	3 35
S 28	16 31	24 34	4 21	20 3	1 11	0 55	0 54	18 3	0 11	16 15	0 48	10 44	2 39	7 20	0 45	21 53	0 38	13 50	16 44	0 56	0 21	28 6	1 45	3 36
M29	16 48	27 8	4 49	20 42	1 20	0 39	0 59	18 15	0 11	16 19	0 48	10 42	2 39	7 19	0 45	21 53	0 38	13 50	16 44	0 53	0 20	28 7	1 46	3 36
T 30	17n 4	28s28	5s 5	21n19	1n29	0s22	1s 4	18n27	0n12	16n23	0s48	10s41	2n39	7s19	0s45	21s53	0n38	13s50	16s44	0n50	0n19	28s 8	1n47	3n36

Julian Day Number = 2209122.5, Delta T = 09m29s
Ecliptic obliquity = 23°31'41, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°28'57, Lahiri = 14°35'57 Julian Calendar 1 Apr. 1336 == Greg. Calendar 9 Apr. 1336

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ASTRODIENST EPHEMERIS for the year 1336
geocentric

MAY 1336 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	15 7 49	18♉17'43	6♎ 4	0♊26	2♈28	22♉24	17♉51	4°R46	13♓16	16°R24	3♈47	1°R57	0♈44	19♐29	26♓15	W 1
T 2	15 11 45	19°15'24	17°58	2°26	3°24	23° 6	18° 6	4♏41	13°18	16♎23	3°48	1♈51	0°41	19°36	26°18	T 2
F 3	15 15 42	20°13'04	29°57	4°23	4°20	23°48	18°20	4°37	13°19	16°23	3°49	1°47	0°37	19°42	26°20	F 3
S 4	15 19 38	21°10'44	12♒ 6	6°18	5°17	24°30	18°34	4°33	13°21	16°22	3°50	1°45	0°34	19°49	26°23	S 4
S 5	15 23 35	22° 8'22	24°28	8°11	6°14	25°12	18°48	4°29	13°23	16°21	3°51	1°D44	0°31	19°56	26°25	S 5
M 6	15 27 31	23° 5'59	7♓ 9	10° 0	7°12	25°54	19° 2	4°25	13°25	16°20	3°52	1°45	0°28	20° 2	26°28	M 6
T 7	15 31 28	24° 3'35	20°13	11°47	8° 9	26°36	19°16	4°20	13°26	16°19	3°53	1°46	0°25	20° 9	26°30	T 7
W 8	15 35 25	25° 1'10	3♈43	13°31	9° 8	27°18	19°30	4°16	13°28	16°19	3°54	1°R46	0°22	20°16	26°32	W 8
T 9	15 39 21	25°58'45	17°41	15°12	10° 7	28° 0	19°44	4°12	13°29	16°18	3°55	1°45	0°18	20°23	26°34	T 9
F 10	15 43 18	26°56'18	2♉ 7	16°51	11° 6	28°42	19°58	4° 8	13°31	16°17	3°56	1°42	0°15	20°29	26°36	F 10
S 11	15 47 14	27°53'50	16°57	18°26	12° 5	29°24	20°13	4° 4	13°32	16°16	3°57	1°36	0°12	20°36	26°39	S 11
S 12	15 51 11	28°51'22	2♊ 3	19°58	13° 5	0♊ 5	20°27	4° 0	13°34	16°15	3°58	1°29	0° 9	20°43	26°41	S 12
M13	15 55 7	29°48'52	17°16	21°27	14° 5	0°47	20°41	3°57	13°35	16°14	3°59	1°21	0° 6	20°50	26°43	M13
T 14	15 59 4	0♊46'22	2♋25	22°53	15° 5	1°28	20°55	3°53	13°37	16°13	4° 0	1°12	0° 3	20°56	26°45	T 14
W15	16 3 0	1°43'50	17°20	24°16	16° 6	2°10	21° 9	3°49	13°38	16°12	4° 1	1° 5	29♓59	21° 3	26°47	W15
T 16	16 6 57	2°41'17	1♌54	25°35	17° 7	2°52	21°23	3°45	13°39	16°11	4° 2	0°59	29°56	21°10	26°49	T 16
F 17	16 10 54	3°38'42	16° 3	26°52	18° 8	3°33	21°37	3°42	13°40	16°10	4° 3	0°56	29°53	21°16	26°51	F 17
S 18	16 14 50	4°36'06	29°46	28° 5	19°10	4°14	21°51	3°38	13°41	16° 9	4° 3	0°D54	29°50	21°23	26°52	S 18
S 19	16 18 47	5°33'29	13♍ 3	29°15	20°12	4°56	22° 4	3°35	13°43	16° 8	4° 4	0°54	29°47	21°30	26°54	S 19
M20	16 22 43	6°30'51	25°59	0♋21	21°14	5°37	22°18	3°31	13°44	16° 7	4° 5	0°R55	29°43	21°37	26°56	M20
T 21	16 26 40	7°28'12	8♎37	1°24	22°16	6°18	22°32	3°28	13°45	16° 5	4° 6	0°55	29°40	21°43	26°58	T 21
W22	16 30 36	8°25'32	21° 0	2°24	23°19	7° 0	22°46	3°25	13°46	16° 4	4° 7	0°53	29°37	21°50	26°59	W22
T 23	16 34 33	9°22'51	3♏13	3°20	24°22	7°41	23° 0	3°22	13°46	16° 3	4° 7	0°49	29°34	21°57	27° 1	T 23
F 24	16 38 29	10°20'08	15°18	4°12	25°25	8°22	23°14	3°18	13°47	16° 2	4° 8	0°42	29°31	22° 3	27° 2	F 24
S 25	16 42 26	11°17'26	27°17	5° 0	26°28	9° 3	23°27	3°15	13°48	16° 1	4° 9	0°32	29°28	22°10	27° 4	S 25
S 26	16 46 23	12°14'42	9♐12	5°45	27°31	9°44	23°41	3°12	13°49	15°59	4° 9	0°21	29°24	22°17	27° 5	S 26
M27	16 50 19	13°11'58	21° 5	6°25	28°35	10°25	23°55	3° 9	13°50	15°58	4°10	0° 8	29°21	22°24	27° 7	M27
T 28	16 54 16	14° 9'13	2♑58	7° 2	29°39	11° 6	24° 9	3° 7	13°50	15°57	4°11	29♓55	29°18	22°30	27° 8	T 28
W29	16 58 12	15° 6'28	14°52	7°34	0♉43	11°47	24°22	3° 4	13°51	15°55	4°11	29°43	29°15	22°37	27° 9	W29
T 30	17 2 9	16° 3'42	26°48	8° 2	1°48	12°28	24°36	3° 1	13°52	15°54	4°12	29°33	29°12	22°44	27°11	T 30
F 31	17 6 5	17♊ 0'56	8♒49	8♋26	2♉52	13♊ 8	24♉49	2♏58	13♓52	15♎53	4♈12	29♓25	29♓ 9	22♐51	27♓12	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	17n20	28s30	5s 7	21n53	1n36	0s 5	1s10	18n38	0n12	16n27	0s48	10s40	2n39	7s18	0s45	21s54	0n38	13s49	16s45	0n47	0n17	28s 8	1n48	3n36
T 2	17 36	27 12	4 56	22 25	1 44	0n13	1 15	18 50	0 13	16 31	0 48	10 38	2 39	7 17	0 45	21 54	0 38	13 49	16 45	0 44	0 16	28 9	1 49	3 36
F 3	17 52	24 39	4 31	22 54	1 50	0 31	1 19	19 1	0 14	16 35	0 48	10 37	2 39	7 17	0 45	21 54	0 38	13 49	16 45	0 43	0 15	28 10	1 50	3 36
S 4	18 7	20 59	3 55	23 21	1 56	0 49	1 24	19 12	0 14	16 39	0 48	10 36	2 39	7 16	0 45	21 54	0 38	13 49	16 45	0 42	0 14	28 11	1 52	3 36
S 5	18 22	16 21	3 7	23 45	2 1	1 8	1 28	19 23	0 15	16 43	0 48	10 34	2 39	7 15	0 45	21 54	0 38	13 49	16 46	0 42	0 12	28 11	1 53	3 36
M 6	18 37	10 54	2 8	24 6	2 5	1 27	1 33	19 33	0 15	16 47	0 48	10 33	2 38	7 15	0 45	21 54	0 38	13 49	16 46	0 42	0 11	28 12	1 54	3 36
T 7	18 51	4 50	1 2	24 25	2 9	1 46	1 37	19 44	0 16	16 51	0 48	10 32	2 38	7 14	0 45	21 54	0 38	13 48	16 46	0 42	0 10	28 13	1 55	3 36
W 8	19 5	1n39	0n10	24 41	2 12	2 5	1 41	19 54	0 17	16 55	0 48	10 31	2 38	7 13	0 46	21 54	0 38	13 48	16 47	0 42	0 9	28 13	1 56	3 36
T 9	19 19	8 16	1 24	24 55	2 14	2 25	1 45	20 4	0 17	16 58	0 48	10 29	2 38	7 13	0 46	21 54	0 38	13 48	16 47	0 42	0 7	28 14	1 57	3 37
F 10	19 33	14 41	2 35	25 7	2 15	2 45	1 48	20 14	0 18	17 2	0 47	10 28	2 38	7 12	0 46	21 54	0 38	13 48	16 47	0 41	0 6	28 15	1 58	3 37
S 11	19 46	20 26	3 37	25 16	2 15	3 5	1 52	20 24	0 18	17 6	0 47	10 27	2 38	7 12	0 46	21 54	0 38	13 48	16 47	0 39	0 5	28 15	1 59	3 37
S 12	19 59	24 59	4 25	25 23	2 15	3 25	1 55	20 33	0 19	17 10	0 47	10 26	2 38	7 11	0 46	21 55	0 38	13 48	16 48	0 36	0 4	28 16	1 59	3 37
M13	20 11	27 49	4 55	25 29	2 14	3 46	1 58	20 43	0 20	17 14	0 47	10 25	2 37	7 11	0 46	21 55	0 38	13 48	16 48	0 32	0 2	28 16	2 0	3 37
T 14	20 23	28 34	5 4	25 32	2 12	4 6	2 1	20 52	0 20	17 17	0 47	10 23	2 37	7 10	0 46	21 55	0 38	13 48	16 48	0 29	0 1	28 17	2 1	3 37
W15	20 35	27 14	4 52	25 33	2 9	4 27	2 4	21 1	0 21	17 21	0 47	10 22	2 37	7 10	0 46	21 55	0 38	13 48	16 49	0 26	0s 0	28 18	2 2	3 37
T 16	20 46	24 3	4 21	25 33	2 5	4 48	2 7	21 9	0 21	17 25	0 47	10 21	2 37	7 9	0 46	21 55	0 38	13 47	16 49	0 24	0 2	28 18	2 3	3 37
F 17	20 58	19 30	3 35	25 31	2 1	5 9	2 9	21 18	0 22	17 29	0 47	10 20	2 37	7 9	0 46	21 55	0 38	13 47	16 49	0 22	0 3	28 19	2 4	3 38
S 18	21 8	14 4	2 38	25 27	1 56	5 30	2 12	21 26	0 22	17 32	0 47	10 19	2 37	7 9	0 46	21 55	0 38	13 47	16 50	0 22	0 4	28 20	2 5	3 38
S 19	21 19	8 7	1 34	25 22	1 50	5 51	2 14	21 34	0 23	17 36	0 47	10 18	2 37	7 8	0 46	21 55	0 38	13 47	16 50	0 22	0 5	28 20	2 6	3 38
M20	21 29	2 0	0 26	25 15	1 43	6 13	2 16	21 42	0 24	17 39	0 47	10 17	2 36	7 8	0 46	21 56	0 38	13 47	16 50	0 22	0 7	28 21	2 6	3 38
T 21	21 38	4s 3	0s41	25 7	1 36	6 34	2 18	21 50	0 24	17 43	0 47	10 16	2 36	7 7	0 46	21 56	0 38	13 47	16 50	0 22	0 8	28 21	2 7	3 38
W22	21 47	9 51	1 45	24 58	1 27	6 56	2 20	21 58	0 25	17 47	0 47	10 15	2 36	7 7	0 46	21 56	0 38	13 47	16 51	0 21	0 9	28 22	2 8	3 38
T 23	21 56	15 11	2 43	24 48	1 18	7 17	2 21	22 5	0 25	17 50	0 47	10 14	2 36	7 7	0 46	21 56	0 38	13 47	16 51	0 19	0 10	28 22	2 9	3 38
F 24	22 5	19 52	3 32	24 36	1 9	7 39	2 23	22 12	0 26	17 54	0 47	10 13	2 36	7 6	0 46	21 56	0 38	13 47	16 51	0 17	0 12	28 23	2 9	3 38
S 25	22 13	23 43	4 12	24 24	0 58	8 0	2 24	22 19	0 26	17 57	0 47	10 13	2 35	7 6	0 46	21 56	0 38	13 47	16 52	0 13	0 13	28 23	2 10	3 39
S 26	22 21	26 32	4 41	24 11	0 47	8 22	2 26	22 26	0 27	18 1	0 47	10 12	2 35	7 6	0 46	21 56	0 38	13 47	16 52	0 8	0 14	28 24	2 11	3 39
M27	22 28	28 10	4 57	23 57	0 35	8 44	2 27	22 33	0 28	18 4	0 47	10 11	2 35	7 6	0 46	21 57	0 38	13 47	16 52	0 3	0 15	28 24	2 11	3 39
T 28	22 35	28 30	5 0	23 43	0 23	9 5	2 28	22 39	0 28	18 7	0 47	10 10	2 35	7 5	0 46	21 57	0 38	13 48	16 53	0s 2	0 17	28 25	2 12	3 39
W29	22 42	27 30	4 50	23 28	0 10	9 27	2 29	22 45	0 29	18 11	0 47	10 9	2 35	7 5	0 46	21 57	0 38	13 48	16 53	0 7	0 18	28 25	2 13	3 39
T 30	22 48	25 15	4 28	23 13	0s 4	9 48	2 29	22 51	0 29	18 14	0 47	10 9	2 34	7 5	0 46	21 57	0 38	13 48	16 53	0 11	0 19	28 26	2 13	3 39
F 31	22n53	21s52	3s53	22n57	0s18	10n10	2s30	22n57	0n30	18n17	0s47	10s 8	2n34	7s 5	0s46	21s57	0n38	13s48	16s54	0s14	0s21	28s26	2n14	3n39

Julian Day Number = 2209152.5, Delta T = 09m29s
Ecliptic obliquity = 23°31'41, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°29'01, Lahiri = 14°36'01 Julian Calendar 1 May 1336 == Greg. Calendar 9 May 1336

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ASTRODIENST EPHEMERIS for the year 1336
geocentric

JUNE 1336 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	17 10 2	17♊58'09	20♒59	8♋46	3♉57	13♊49	25♉ 3	2°R56	13♓53	15°R51	4♈13	29°R20	29♓ 5	22♐57	27♓13	S 1
S 2	17 13 58	18°55'22	3♓21	9° 0	5° 2	14°30	25°16	2♏53	13°53	15♑50	4°13	29♓17	29° 2	23° 4	27°14	S 2
M 3	17 17 55	19°52'35	16° 0	9°11	6° 7	15°11	25°30	2°51	13°53	15°49	4°14	29°D16	28°59	23°11	27°15	M 3
T 4	17 21 52	20°49'48	28°59	9°16	7°13	15°51	25°43	2°49	13°54	15°47	4°14	29°R16	28°56	23°17	27°16	T 4
W 5	17 25 48	21°47'01	12♈23	9°R18	8°18	16°32	25°57	2°47	13°54	15°46	4°15	29°16	28°53	23°24	27°17	W 5
T 6	17 29 45	22°44'14	26°15	9°14	9°24	17°13	26°10	2°44	13°54	15°44	4°15	29°14	28°49	23°31	27°18	T 6
F 7	17 33 41	23°41'27	10♉35	9° 6	10°30	17°53	26°23	2°42	13°54	15°43	4°16	29°10	28°46	23°38	27°19	F 7
S 8	17 37 38	24°38'40	25°22	8°54	11°36	18°34	26°37	2°40	13°55	15°41	4°16	29° 3	28°43	23°44	27°19	S 8
S 9	17 41 34	25°35'53	10♊28	8°38	12°42	19°14	26°50	2°39	13°55	15°40	4°17	28°54	28°40	23°51	27°20	S 9
M10	17 45 31	26°33'05	25°46	8°18	13°48	19°54	27° 3	2°37	13°R55	15°38	4°17	28°43	28°37	23°58	27°21	M10
T 11	17 49 28	27°30'18	11♋ 4	7°54	14°54	20°35	27°16	2°35	13°55	15°37	4°17	28°33	28°34	24° 5	27°22	T 11
W12	17 53 24	28°27'30	26°10	7°26	16° 1	21°15	27°29	2°34	13°55	15°35	4°18	28°23	28°30	24°11	27°22	W12
T 13	17 57 21	29°24'42	10♌56	6°56	17° 8	21°55	27°42	2°32	13°55	15°34	4°18	28°15	28°27	24°18	27°23	T 13
F 14	18 1 17	0♋21'54	25°15	6°23	18°15	22°36	27°55	2°31	13°54	15°32	4°18	28°10	28°24	24°25	27°23	F 14
S 15	18 5 14	1°19'05	9♍ 5	5°48	19°22	23°16	28° 8	2°29	13°54	15°31	4°18	28° 8	28°21	24°31	27°24	S 15
S 16	18 9 10	2°16'16	22°26	5°12	20°29	23°56	28°21	2°28	13°54	15°29	4°19	28° 7	28°18	24°38	27°24	S 16
M17	18 13 7	3°13'27	5♎22	4°35	21°36	24°36	28°33	2°27	13°54	15°28	4°19	28° 7	28°15	24°45	27°24	M17
T 18	18 17 3	4°10'38	17°57	3°58	22°43	25°16	28°46	2°26	13°53	15°26	4°19	28° 7	28°11	24°52	27°24	T 18
W19	18 21 0	5° 7'48	0♏16	3°21	23°51	25°56	28°59	2°25	13°53	15°24	4°19	28° 5	28° 8	24°58	27°25	W19
T 20	18 24 57	6° 4'58	12°23	2°46	24°58	26°36	29°11	2°24	13°52	15°23	4°19	28° 0	28° 5	25° 5	27°25	T 20
F 21	18 28 53	7° 2'08	24°21	2°12	26° 6	27°16	29°24	2°24	13°52	15°21	4°20	27°53	28° 2	25°12	27°25	F 21
S 22	18 32 50	7°59'19	6♐16	1°40	27°14	27°56	29°36	2°23	13°51	15°20	4°20	27°44	27°59	25°18	27°R25	S 22
S 23	18 36 46	8°56'29	18° 8	1°11	28°22	28°36	29°49	2°22	13°51	15°18	4°20	27°32	27°55	25°25	27°25	S 23
M24	18 40 43	9°53'40	0♑ 1	0°46	29°30	29°16	0♊ 1	2°22	13°50	15°16	4°20	27°19	27°52	25°32	27°25	M24
T 25	18 44 39	10°50'50	11°55	0°24	0♊38	29°56	0°13	2°22	13°50	15°15	4°20	27° 5	27°49	25°39	27°25	T 25
W26	18 48 36	11°48'01	23°53	0° 7	1°46	0♋35	0°26	2°21	13°49	15°13	4°R20	26°53	27°46	25°45	27°25	W26
T 27	18 52 32	12°45'13	5♒55	29♊55	2°55	1°15	0°38	2°21	13°48	15°11	4°20	26°43	27°43	25°52	27°24	T 27
F 28	18 56 29	13°42'25	18° 4	29°47	4° 3	1°55	0°50	2°D21	13°47	15°10	4°20	26°34	27°40	25°59	27°24	F 28
S 29	19 0 26	14°39'37	0♓21	29°D45	5°12	2°35	1° 2	2°21	13°47	15° 8	4°20	26°29	27°36	26° 6	27°24	S 29
S 30	19 4 22	15♋36'50	12♓49	29♊48	6♊21	3♋14	1♊14	2♏21	13♓46	15♑ 7	4♈20	26♓26	27♓33	26♐12	27♓23	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n59	17s31	3s 8	22n41	0s33	10n31	2s31	23n 3	0n30	18n21	0s47	10s 7	2n34	7s 5	0s46	21s57	0n38	13s48	16s54	0s16	0s22	28s27	2n15	3n39
S 2	23 4	12 22	2 12	22 25	0 48	10 53	2 31	23 8	0 31	18 24	0 46	10 7	2 34	7 5	0 46	21 57	0 38	13 48	16 55	0 17	0 23	28 27	2 15	3 40
M 3	23 8	6 37	1 10	22 9	1 4	11 14	2 31	23 13	0 31	18 27	0 46	10 6	2 33	7 5	0 47	21 58	0 38	13 48	16 55	0 17	0 24	28 28	2 16	3 40
T 4	23 13	0 26	0 2	21 52	1 20	11 35	2 31	23 18	0 32	18 31	0 46	10 6	2 33	7 4	0 47	21 58	0 38	13 48	16 55	0 17	0 26	28 28	2 16	3 40
W 5	23 16	5n58	1n 9	21 36	1 36	11 56	2 31	23 23	0 32	18 34	0 46	10 5	2 33	7 4	0 47	21 58	0 38	13 48	16 56	0 18	0 27	28 29	2 17	3 40
T 6	23 20	12 18	2 17	21 20	1 52	12 17	2 31	23 27	0 33	18 37	0 46	10 5	2 33	7 4	0 47	21 58	0 38	13 49	16 56	0 18	0 28	28 29	2 17	3 40
F 7	23 23	18 12	3 20	21 4	2 9	12 38	2 31	23 32	0 33	18 40	0 46	10 4	2 33	7 4	0 47	21 58	0 38	13 49	16 56	0 20	0 29	28 30	2 18	3 40
S 8	23 25	23 13	4 10	20 49	2 25	12 58	2 31	23 36	0 34	18 43	0 46	10 4	2 32	7 4	0 47	21 58	0 38	13 49	16 57	0 23	0 31	28 30	2 18	3 40
S 9	23 27	26 48	4 45	20 34	2 41	13 19	2 31	23 40	0 35	18 46	0 46	10 3	2 32	7 4	0 47	21 59	0 38	13 49	16 57	0 26	0 32	28 30	2 19	3 41
M10	23 29	28 27	5 0	20 20	2 56	13 39	2 30	23 43	0 35	18 49	0 46	10 3	2 32	7 4	0 47	21 59	0 38	13 49	16 57	0 31	0 33	28 31	2 19	3 41
T 11	23 30	27 56	4 53	20 6	3 12	13 59	2 29	23 47	0 36	18 52	0 46	10 3	2 32	7 4	0 47	21 59	0 38	13 49	16 58	0 35	0 34	28 31	2 19	3 41
W12	23 31	25 21	4 26	19 53	3 26	14 19	2 29	23 50	0 36	18 55	0 46	10 2	2 31	7 4	0 47	21 59	0 38	13 50	16 58	0 39	0 36	28 32	2 20	3 41
T 13	23 32	21 6	3 42	19 41	3 40	14 39	2 28	23 53	0 37	18 58	0 46	10 2	2 31	7 4	0 47	21 59	0 38	13 50	16 58	0 42	0 37	28 32	2 20	3 41
F 14	23 32	15 44	2 44	19 30	3 52	14 58	2 27	23 56	0 37	19 1	0 46	10 2	2 31	7 4	0 47	22 0	0 38	13 50	16 59	0 44	0 38	28 32	2 20	3 41
S 15	23 31	9 43	1 39	19 20	4 4	15 17	2 26	23 59	0 38	19 4	0 46	10 2	2 31	7 5	0 47	22 0	0 38	13 50	16 59	0 45	0 40	28 33	2 21	3 41
S 16	23 30	3 28	0 30	19 11	4 15	15 36	2 25	24 1	0 38	19 7	0 46	10 1	2 30	7 5	0 47	22 0	0 38	13 51	17 0	0 45	0 41	28 33	2 21	3 42
M17	23 29	2s44	0s38	19 3	4 24	15 55	2 24	24 4	0 39	19 10	0 46	10 1	2 30	7 5	0 47	22 0	0 38	13 51	17 0	0 45	0 42	28 33	2 21	3 42
T 18	23 28	8 39	1 43	18 57	4 31	16 13	2 23	24 6	0 39	19 12	0 46	10 1	2 30	7 5	0 47	22 0	0 38	13 51	17 0	0 45	0 43	28 34	2 21	3 42
W19	23 26	14 7	2 41	18 52	4 38	16 31	2 21	24 8	0 40	19 15	0 46	10 1	2 30	7 5	0 47	22 0	0 38	13 51	17 1	0 46	0 45	28 34	2 22	3 42
T 20	23 23	18 57	3 31	18 48	4 42	16 49	2 20	24 9	0 40	19 18	0 46	10 1	2 29	7 5	0 47	22 1	0 38	13 52	17 1	0 48	0 46	28 34	2 22	3 42
F 21	23 20	22 59	4 11	18 45	4 45	17 7	2 18	24 11	0 41	19 21	0 46	10 1	2 29	7 6	0 47	22 1	0 38	13 52	17 1	0 51	0 47	28 35	2 22	3 42
S 22	23 17	26 1	4 40	18 44	4 47	17 24	2 17	24 12	0 41	19 23	0 46	10 1	2 29	7 6	0 47	22 1	0 38	13 52	17 2	0 54	0 48	28 35	2 22	3 42
S 23	23 13	27 55	4 56	18 45	4 46	17 41	2 15	24 13	0 42	19 26	0 46	10 1	2 28	7 6	0 47	22 1	0 38	13 53	17 2	0 59	0 50	28 35	2 22	3 43
M24	23 9	28 31	5 0	18 47	4 45	17 57	2 13	24 14	0 42	19 29	0 46	10 1	2 28	7 6	0 47	22 1	0 38	13 53	17 3	1 4	0 51	28 35	2 22	3 43
T 25	23 5	27 48	4 50	18 50	4 41	18 13	2 11	24 14	0 43	19 31	0 46	10 1	2 28	7 7	0 47	22 2	0 38	13 53	17 3	1 10	0 52	28 36	2 22	3 43
W26	23 0	25 48	4 28	18 55	4 37	18 29	2 9	24 15	0 43	19 34	0 46	10 1	2 28	7 7	0 47	22 2	0 38	13 53	17 3	1 15	0 54	28 36	2 23	3 43
T 27	22 55	22 38	3 54	19 1	4 31	18 44	2 7	24 15	0 44	19 36	0 46	10 2	2 27	7 7	0 47	22 2	0 38	13 54	17 4	1 19	0 55	28 36	2 23	3 43
F 28	22 49	18 27	3 8	19 8	4 23	18 59	2 5	24 15	0 44	19 39	0 46	10 2	2 27	7 8	0 47	22 2	0 38	13 54	17 4	1 22	0 56	28 36	2 23	3 43
S 29	22 43	13 28	2 14	19 17	4 15	19 14	2 3	24 15	0 45	19 41	0 46	10 2	2 27	7 8	0 47	22 2	0 38	13 54	17 4	1 24	0 57	28 37	2 23	3 43
S 30	22n37	7s53	1s12	19n27	4s 5	19n28	2s 1	24n14	0n45	19n44	0s46	10s 2	2n27	7s 8	0s48	22s 3	0n38	13s55	17s 5	1s25	0s59	28s37	2n23	3n44

Julian Day Number = 2209183.5, Delta T = 09m29s
Ecliptic obliquity = 23°31'40, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°29'05, Lahiri = 14°36'06 Julian Calendar 1 June 1336 == Greg. Calendar 9 June 1336

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ASTRODIENST EPHEMERIS for the year 1336
geocentric

JULY 1336 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	19 8 19	16♋34'04	25♓31	29♊56	7♊30	3♋54	1♊25	2♏21	13°R45	15°R 5	4°R20	26°D26	27♓30	26♐19	27°R23	M 1
T 2	19 12 15	17°31'19	8♈30	0♋10	8°39	4°33	1°37	2°22	13♓44	15♑ 3	4♈20	26♓26	27°27	26°26	27♓22	T 2
W 3	19 16 12	18°28'34	21°51	0°30	9°48	5°13	1°49	2°22	13°43	15° 2	4°19	26°R26	27°24	26°32	27°22	W 3
T 4	19 20 8	19°25'50	5♉36	0°56	10°57	5°52	2° 1	2°23	13°42	15° 0	4°19	26°25	27°21	26°39	27°21	T 4
F 5	19 24 5	20°23'07	19°46	1°27	12° 6	6°32	2°12	2°23	13°40	14°59	4°19	26°22	27°17	26°46	27°21	F 5
S 6	19 28 1	21°20'25	4♊20	2° 5	13°15	7°11	2°23	2°24	13°39	14°57	4°19	26°17	27°14	26°53	27°20	S 6
S 7	19 31 58	22°17'45	19°14	2°47	14°25	7°51	2°35	2°25	13°38	14°55	4°19	26° 9	27°11	26°59	27°19	S 7
M 8	19 35 55	23°15'05	4♋21	3°36	15°34	8°30	2°46	2°26	13°37	14°54	4°18	26° 0	27° 8	27° 6	27°18	M 8
T 9	19 39 51	24°12'26	19°31	4°30	16°44	9° 9	2°57	2°27	13°36	14°52	4°18	25°51	27° 5	27°13	27°18	T 9
W10	19 43 48	25° 9'47	4♌34	5°30	17°54	9°49	3° 8	2°28	13°34	14°50	4°18	25°43	27° 1	27°20	27°17	W10
T 11	19 47 44	26° 7'09	19°20	6°35	19° 4	10°28	3°19	2°29	13°33	14°49	4°18	25°36	26°58	27°26	27°16	T 11
F 12	19 51 41	27° 4'32	3♍43	7°45	20°13	11° 7	3°30	2°30	13°32	14°47	4°17	25°32	26°55	27°33	27°15	F 12
S 13	19 55 37	28° 1'56	17°38	9° 0	21°23	11°46	3°41	2°32	13°30	14°46	4°17	25°30	26°52	27°40	27°14	S 13
S 14	19 59 34	28°59'20	1♎ 5	10°21	22°34	12°25	3°52	2°33	13°29	14°44	4°17	25°D30	26°49	27°46	27°13	S 14
M15	20 3 30	29°56'45	14° 5	11°46	23°44	13° 4	4° 2	2°35	13°27	14°43	4°16	25°31	26°46	27°53	27°11	M15
T 16	20 7 27	0♌54'10	26°43	13°16	24°54	13°43	4°13	2°37	13°26	14°41	4°16	25°R32	26°42	28° 0	27°10	T 16
W17	20 11 24	1°51'36	9♏ 2	14°51	26° 4	14°22	4°23	2°38	13°24	14°40	4°15	25°32	26°39	28° 7	27° 9	W17
T 18	20 15 20	2°49'03	21° 9	16°29	27°15	15° 1	4°34	2°40	13°22	14°38	4°15	25°30	26°36	28°13	27° 8	T 18
F 19	20 19 17	3°46'31	3♐ 6	18°12	28°25	15°40	4°44	2°42	13°21	14°36	4°14	25°26	26°33	28°20	27° 6	F 19
S 20	20 23 13	4°44'00	14°59	19°58	29°36	16°19	4°54	2°44	13°19	14°35	4°14	25°20	26°30	28°27	27° 5	S 20
S 21	20 27 10	5°41'29	26°51	21°47	0♋46	16°58	5° 4	2°46	13°17	14°33	4°13	25°12	26°27	28°34	27° 3	S 21
M22	20 31 6	6°39'00	8♑46	23°39	1°57	17°37	5°14	2°49	13°16	14°32	4°13	25° 3	26°23	28°40	27° 2	M22
T 23	20 35 3	7°36'31	20°44	25°34	3° 8	18°16	5°24	2°51	13°14	14°31	4°12	24°54	26°20	28°47	27° 0	T 23
W24	20 39 0	8°34'04	2♒49	27°31	4°19	18°55	5°33	2°53	13°12	14°29	4°12	24°46	26°17	28°54	26°59	W24
T 25	20 42 56	9°31'38	15° 2	29°29	5°30	19°33	5°43	2°56	13°10	14°28	4°11	24°39	26°14	29° 0	26°57	T 25
F 26	20 46 53	10°29'13	27°23	1♌29	6°41	20°12	5°52	2°58	13° 8	14°26	4°11	24°34	26°11	29° 7	26°56	F 26
S 27	20 50 49	11°26'49	9♓53	3°30	7°52	20°51	6° 2	3° 1	13° 6	14°25	4°10	24°31	26° 7	29°14	26°54	S 27
S 28	20 54 46	12°24'26	22°35	5°32	9° 3	21°30	6°11	3° 4	13° 4	14°23	4° 9	24°D30	26° 4	29°21	26°52	S 28
M29	20 58 42	13°22'05	5♈30	7°34	10°14	22° 8	6°20	3° 7	13° 2	14°22	4° 9	24°30	26° 1	29°27	26°50	M29
T 30	21 2 39	14°19'46	18°39	9°36	11°26	22°47	6°29	3°10	13° 0	14°21	4° 8	24°31	25°58	29°34	26°48	T 30
W31	21 6 35	15♌17'28	2♉ 4	11♌38	12♋37	23♋25	6♊38	3♏13	12♓58	14♑19	4♈ 7	24♓33	25♓55	29♐41	26♓47	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	22n30	1s52	0s 5	19n37	3s55	19n41	1s59	24n14	0n46	19n46	0s46	10s 3	2n26	7s 9	0s48	22s 3	0n38	13s55	17s 5	1s25	1s 0	28s37	2n23	3n44
T 2	22 23	4n22	1n 4	19 49	3 43	19 54	1 57	24 13	0 46	19 49	0 46	10 3	2 26	7 9	0 48	22 3	0 38	13 56	17 5	1 25	1 1	28 37	2 22	3 44
W 3	22 15	10 34	2 11	20 1	3 31	20 7	1 54	24 12	0 47	19 51	0 46	10 4	2 26	7 10	0 48	22 3	0 38	13 56	17 6	1 25	1 2	28 38	2 22	3 44
T 4	22 7	16 27	3 12	20 13	3 18	20 19	1 52	24 11	0 47	19 53	0 46	10 4	2 26	7 10	0 48	22 3	0 38	13 56	17 6	1 26	1 4	28 38	2 22	3 44
F 5	21 58	21 39	4 4	20 26	3 5	20 31	1 49	24 9	0 47	19 55	0 46	10 4	2 25	7 11	0 48	22 4	0 38	13 57	17 7	1 27	1 5	28 38	2 22	3 44
S 6	21 50	25 42	4 42	20 40	2 51	20 43	1 47	24 8	0 48	19 58	0 46	10 5	2 25	7 11	0 48	22 4	0 38	13 57	17 7	1 29	1 6	28 38	2 22	3 44
S 7	21 41	28 5	5 1	20 53	2 37	20 53	1 44	24 6	0 48	20 0	0 46	10 5	2 25	7 12	0 48	22 4	0 38	13 58	17 7	1 32	1 7	28 38	2 22	3 45
M 8	21 31	28 27	5 0	21 7	2 22	21 4	1 42	24 4	0 49	20 2	0 46	10 6	2 24	7 12	0 48	22 4	0 38	13 58	17 8	1 36	1 9	28 38	2 22	3 45
T 9	21 21	26 41	4 38	21 20	2 7	21 13	1 39	24 2	0 49	20 4	0 46	10 7	2 24	7 13	0 48	22 4	0 38	13 58	17 8	1 39	1 10	28 39	2 21	3 45
W10	21 11	23 1	3 57	21 32	1 53	21 23	1 36	23 59	0 50	20 6	0 46	10 7	2 24	7 13	0 48	22 5	0 38	13 59	17 8	1 43	1 11	28 39	2 21	3 45
T 11	21 0	17 56	3 0	21 44	1 38	21 31	1 33	23 57	0 50	20 8	0 46	10 8	2 24	7 14	0 48	22 5	0 38	13 59	17 9	1 45	1 13	28 39	2 21	3 45
F 12	20 49	11 57	1 54	21 55	1 23	21 40	1 31	23 54	0 51	20 11	0 46	10 9	2 23	7 14	0 48	22 5	0 38	14 0	17 9	1 47	1 14	28 39	2 21	3 45
S 13	20 38	5 33	0 42	22 5	1 8	21 47	1 28	23 51	0 51	20 13	0 46	10 9	2 23	7 15	0 48	22 5	0 38	14 0	17 9	1 48	1 15	28 39	2 20	3 45
S 14	20 26	0s53	0s30	22 14	0 54	21 54	1 25	23 48	0 52	20 15	0 46	10 10	2 23	7 15	0 48	22 5	0 38	14 1	17 10	1 48	1 16	28 39	2 20	3 45
M15	20 14	7 5	1 38	22 21	0 40	22 1	1 22	23 45	0 52	20 17	0 46	10 11	2 23	7 16	0 48	22 5	0 38	14 1	17 10	1 47	1 18	28 39	2 20	3 46
T 16	20 2	12 49	2 39	22 26	0 26	22 7	1 19	23 41	0 53	20 18	0 46	10 12	2 22	7 17	0 48	22 6	0 37	14 2	17 10	1 47	1 19	28 39	2 19	3 46
W17	19 49	17 54	3 32	22 30	0 12	22 12	1 16	23 38	0 53	20 20	0 46	10 13	2 22	7 17	0 48	22 6	0 37	14 2	17 11	1 47	1 20	28 39	2 19	3 46
T 18	19 36	22 11	4 13	22 31	0n 1	22 17	1 13	23 34	0 53	20 22	0 46	10 13	2 22	7 18	0 48	22 6	0 37	14 3	17 11	1 48	1 21	28 40	2 18	3 46
F 19	19 23	25 29	4 44	22 30	0 13	22 21	1 10	23 30	0 54	20 24	0 46	10 14	2 22	7 19	0 48	22 6	0 37	14 3	17 11	1 49	1 23	28 40	2 18	3 46
S 20	19 9	27 40	5 1	22 27	0 25	22 24	1 7	23 25	0 54	20 26	0 46	10 15	2 21	7 19	0 48	22 6	0 37	14 3	17 12	1 52	1 24	28 40	2 17	3 46
S 21	18 55	28 36	5 6	22 21	0 36	22 27	1 4	23 21	0 55	20 28	0 46	10 16	2 21	7 20	0 48	22 7	0 37	14 4	17 12	1 55	1 25	28 40	2 17	3 46
M22	18 41	28 11	4 58	22 12	0 46	22 30	1 1	23 16	0 55	20 29	0 46	10 17	2 21	7 21	0 48	22 7	0 37	14 4	17 12	1 58	1 26	28 40	2 17	3 46
T 23	18 26	26 28	4 36	22 1	0 56	22 31	0 58	23 12	0 56	20 31	0 47	10 18	2 20	7 21	0 48	22 7	0 37	14 5	17 13	2 2	1 28	28 40	2 16	3 46
W24	18 11	23 32	4 2	21 47	1 5	22 33	0 55	23 7	0 56	20 33	0 47	10 19	2 20	7 22	0 48	22 7	0 37	14 5	17 13	2 5	1 29	28 40	2 15	3 47
T 25	17 56	19 31	3 17	21 31	1 12	22 33	0 52	23 2	0 57	20 34	0 47	10 20	2 20	7 23	0 48	22 7	0 37	14 6	17 13	2 8	1 30	28 40	2 15	3 47
F 26	17 40	14 38	2 21	21 12	1 20	22 33	0 49	22 56	0 57	20 36	0 47	10 22	2 20	7 24	0 48	22 7	0 37	14 7	17 14	2 10	1 32	28 40	2 14	3 47
S 27	17 25	9 6	1 18	20 50	1 26	22 32	0 46	22 51	0 57	20 38	0 47	10 23	2 19	7 24	0 48	22 8	0 37	14 7	17 14	2 11	1 33	28 40	2 14	3 47
S 28	17 9	3 7	0 10	20 26	1 31	22 31	0 42	22 45	0 58	20 39	0 47	10 24	2 19	7 25	0 48	22 8	0 37	14 8	17 14	2 12	1 34	28 40	2 13	3 47
M29	16 52	3n 6	0n59	19 59	1 36	22 29	0 39	22 40	0 58	20 41	0 47	10 25	2 19	7 26	0 48	22 8	0 37	14 8	17 14	2 11	1 35	28 40	2 12	3 47
T 30	16 36	9 18	2 7	19 30	1 39	22 26	0 36	22 34	0 59	20 42	0 47	10 26	2 19	7 27	0 48	22 8	0 37	14 9	17 15	2 11	1 37	28 40	2 12	3 47
W31	16n19	15n12	3n10	19n 0	1n42	22n23	0s33	22n27	0n59	20n44	0s47	10s28	2n18	7s27	0s48	22s 8	0n37	14s 9	17s15	2s10	1s38	28s40	2n11	3n47

Julian Day Number = 2209213.5, Delta T = 09m29s
Ecliptic obliquity = 23°31'40, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°29'09, Lahiri = 14°36'10 Julian Calendar 1 July 1336 == Greg. Calendar 9 July 1336

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ASTRODIENST EPHEMERIS for the year 1336
geocentric

AUGUST 1336 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	21 10 32	16♌15'12	15♉47	13♌39	13♋49	24♋ 4	6♊46	3♏16	12°R56	14°R18	4°R 7	24°R33	25♓52	29♐47	26°R45	T 1
F 2	21 14 28	17°12'58	29°49	15°40	15° 0	24°42	6°55	3°19	12♓54	14♑17	4♈ 6	24♓33	25°48	29°54	26♓43	F 2
S 3	21 18 25	18°10'45	14♊ 9	17°40	16°12	25°21	7° 4	3°22	12°52	14°15	4° 5	24°31	25°45	0♑ 1	26°41	S 3
S 4	21 22 22	19° 8'35	28°44	19°40	17°24	25°59	7°12	3°26	12°50	14°14	4° 4	24°27	25°42	0° 8	26°39	S 4
M 5	21 26 18	20° 6'26	13♋30	21°38	18°35	26°38	7°20	3°29	12°48	14°13	4° 4	24°22	25°39	0°14	26°37	M 5
T 6	21 30 15	21° 4'18	28°19	23°35	19°47	27°16	7°28	3°33	12°46	14°12	4° 3	24°17	25°36	0°21	26°35	T 6
W 7	21 34 11	22° 2'13	13♌ 4	25°31	20°59	27°55	7°36	3°36	12°44	14°11	4° 2	24°13	25°33	0°28	26°32	W 7
T 8	21 38 8	23° 0'09	27°36	27°26	22°11	28°33	7°44	3°40	12°41	14° 9	4° 1	24°10	25°29	0°35	26°30	T 8
F 9	21 42 4	23°58'06	11♍51	29°20	23°23	29°11	7°51	3°44	12°39	14° 8	4° 0	24° 8	25°26	0°41	26°28	F 9
S 10	21 46 1	24°56'05	25°43	1♍13	24°35	29°49	7°59	3°48	12°37	14° 7	3°59	24°D 7	25°23	0°48	26°26	S 10
S 11	21 49 58	25°54'05	9♎10	3° 4	25°48	0♌28	8° 6	3°52	12°35	14° 6	3°59	24° 8	25°20	0°55	26°23	S 11
M12	21 53 54	26°52'06	22°13	4°54	27° 0	1° 6	8°14	3°56	12°32	14° 5	3°58	24° 9	25°17	1° 1	26°21	M12
T 13	21 57 51	27°50'09	4♏55	6°42	28°12	1°44	8°21	4° 0	12°30	14° 4	3°57	24°11	25°13	1° 8	26°19	T 13
W14	22 1 47	28°48'14	17°17	8°30	29°25	2°22	8°28	4° 4	12°28	14° 3	3°56	24°12	25°10	1°15	26°16	W14
T 15	22 5 44	29°46'20	29°25	10°16	0♌37	3° 0	8°34	4° 8	12°25	14° 2	3°55	24°R13	25° 7	1°22	26°14	T 15
F 16	22 9 40	0♍44'28	11♐24	12° 1	1°50	3°38	8°41	4°13	12°23	14° 1	3°54	24°12	25° 4	1°28	26°12	F 16
S 17	22 13 37	1°42'37	23°18	13°45	3° 2	4°17	8°47	4°17	12°21	14° 0	3°53	24°11	25° 1	1°35	26° 9	S 17
S 18	22 17 33	2°40'47	5♑11	15°27	4°15	4°55	8°54	4°21	12°18	13°59	3°52	24° 8	24°58	1°42	26° 7	S 18
M19	22 21 30	3°38'59	17° 7	17° 8	5°28	5°33	9° 0	4°26	12°16	13°58	3°51	24° 5	24°54	1°49	26° 4	M19
T 20	22 25 27	4°37'13	29°10	18°48	6°40	6°11	9° 6	4°31	12°14	13°57	3°50	24° 2	24°51	1°55	26° 2	T 20
W21	22 29 23	5°35'28	11♒23	20°27	7°53	6°48	9°12	4°35	12°11	13°56	3°49	23°59	24°48	2° 2	25°59	W21
T 22	22 33 20	6°33'45	23°46	22° 5	9° 6	7°26	9°17	4°40	12° 9	13°55	3°48	23°57	24°45	2° 9	25°57	T 22
F 23	22 37 16	7°32'03	6♓23	23°42	10°19	8° 4	9°23	4°45	12° 6	13°54	3°47	23°55	24°42	2°15	25°54	F 23
S 24	22 41 13	8°30'24	19°12	25°17	11°32	8°42	9°28	4°50	12° 4	13°54	3°46	23°D54	24°38	2°22	25°51	S 24
S 25	22 45 9	9°28'46	2♈15	26°52	12°45	9°20	9°33	4°55	12° 2	13°53	3°45	23°54	24°35	2°29	25°49	S 25
M26	22 49 6	10°27'11	15°31	28°25	13°58	9°58	9°38	5° 0	11°59	13°52	3°44	23°55	24°32	2°36	25°46	M26
T 27	22 53 2	11°25'37	29° 0	29°57	15°12	10°35	9°43	5° 5	11°57	13°52	3°43	23°56	24°29	2°42	25°43	T 27
W28	22 56 59	12°24'06	12♉40	1♎28	16°25	11°13	9°48	5°10	11°54	13°51	3°42	23°57	24°26	2°49	25°41	W28
T 29	23 0 55	13°22'37	26°33	2°58	17°38	11°51	9°52	5°15	11°52	13°50	3°41	23°58	24°23	2°56	25°38	T 29
F 30	23 4 52	14°21'10	10♊36	4°27	18°52	12°29	9°56	5°20	11°50	13°50	3°40	23°R58	24°19	3° 2	25°35	F 30
S 31	23 8 49	15♍19'45	24♊48	5♎55	20♌ 5	13♌ 6	10♊ 1	5♏26	11♓47	13♑49	3♈39	23♓58	24♓16	3♑ 9	25♓33	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	16n 1	20n30	4n 3	18n27	1n44	22n19	0s30	22n21	0n59	20n45	0s47	10s29	2n18	7s28	0s48	22s 8	0n37	14s10	17s15	2s10	1s39	28s40	2n10	3n47
F 2	15 44	24 47	4 43	17 53	1 46	22 14	0 27	22 15	1 0	20 47	0 47	10 30	2 18	7 29	0 48	22 9	0 37	14 10	17 16	2 10	1 40	28 40	2 10	3 47
S 3	15 26	27 39	5 6	17 17	1 46	22 9	0 24	22 8	1 0	20 48	0 47	10 32	2 18	7 30	0 48	22 9	0 37	14 11	17 16	2 11	1 42	28 40	2 9	3 47
S 4	15 8	28 41	5 10	16 39	1 46	22 3	0 21	22 1	1 1	20 49	0 47	10 33	2 17	7 31	0 48	22 9	0 37	14 11	17 16	2 13	1 43	28 39	2 8	3 47
M 5	14 50	27 43	4 54	16 0	1 45	21 57	0 18	21 54	1 1	20 51	0 47	10 34	2 17	7 32	0 48	22 9	0 37	14 12	17 16	2 15	1 44	28 39	2 8	3 48
T 6	14 32	24 47	4 18	15 21	1 44	21 49	0 14	21 47	1 2	20 52	0 47	10 36	2 17	7 32	0 48	22 9	0 37	14 12	17 17	2 17	1 45	28 39	2 7	3 48
W 7	14 13	20 14	3 25	14 40	1 42	21 42	0 11	21 40	1 2	20 53	0 47	10 37	2 17	7 33	0 48	22 9	0 37	14 13	17 17	2 18	1 47	28 39	2 6	3 48
T 8	13 54	14 32	2 20	13 58	1 40	21 33	0 8	21 33	1 2	20 54	0 47	10 39	2 17	7 34	0 49	22 10	0 37	14 14	17 17	2 20	1 48	28 39	2 5	3 48
F 9	13 35	8 10	1 7	13 16	1 37	21 24	0 5	21 25	1 3	20 56	0 47	10 40	2 16	7 35	0 49	22 10	0 37	14 14	17 17	2 20	1 49	28 39	2 4	3 48
S 10	13 16	1 34	0s 9	12 32	1 34	21 15	0 2	21 18	1 3	20 57	0 47	10 42	2 16	7 36	0 49	22 10	0 37	14 15	17 18	2 21	1 50	28 39	2 3	3 48
S 11	12 56	4s54	1 22	11 49	1 30	21 5	0n 1	21 10	1 4	20 58	0 47	10 43	2 16	7 37	0 49	22 10	0 37	14 15	17 18	2 20	1 52	28 39	2 3	3 48
M12	12 36	10 58	2 28	11 5	1 26	20 54	0 4	21 2	1 4	20 59	0 47	10 45	2 16	7 38	0 49	22 10	0 37	14 16	17 18	2 20	1 53	28 39	2 2	3 48
T 13	12 16	16 25	3 25	10 20	1 21	20 42	0 7	20 54	1 4	21 0	0 47	10 46	2 15	7 39	0 49	22 10	0 37	14 16	17 18	2 19	1 54	28 38	2 1	3 48
W14	11 56	21 4	4 11	9 35	1 16	20 30	0 10	20 45	1 5	21 1	0 47	10 48	2 15	7 39	0 49	22 10	0 37	14 17	17 19	2 19	1 56	28 38	2 0	3 48
T 15	11 36	24 44	4 45	8 50	1 11	20 18	0 12	20 37	1 5	21 2	0 47	10 50	2 15	7 40	0 49	22 11	0 37	14 17	17 19	2 18	1 57	28 38	1 59	3 48
F 16	11 15	27 17	5 6	8 5	1 5	20 4	0 15	20 28	1 6	21 3	0 47	10 51	2 15	7 41	0 49	22 11	0 37	14 18	17 19	2 19	1 58	28 38	1 58	3 48
S 17	10 54	28 35	5 14	7 20	0 59	19 51	0 18	20 20	1 6	21 4	0 47	10 53	2 14	7 42	0 49	22 11	0 37	14 19	17 19	2 19	1 59	28 38	1 57	3 48
S 18	10 33	28 34	5 8	6 34	0 53	19 36	0 21	20 11	1 6	21 5	0 48	10 55	2 14	7 43	0 49	22 11	0 37	14 19	17 19	2 20	2 1	28 38	1 56	3 48
M19	10 12	27 12	4 49	5 49	0 47	19 21	0 24	20 2	1 7	21 6	0 48	10 56	2 14	7 44	0 49	22 11	0 37	14 20	17 20	2 21	2 2	28 37	1 55	3 48
T 20	9 51	24 36	4 17	5 4	0 40	19 6	0 26	19 53	1 7	21 7	0 48	10 58	2 14	7 45	0 49	22 11	0 37	14 20	17 20	2 23	2 3	28 37	1 54	3 48
W21	9 30	20 51	3 33	4 19	0 34	18 50	0 29	19 44	1 8	21 8	0 48	11 0	2 14	7 46	0 49	22 11	0 37	14 21	17 20	2 24	2 4	28 37	1 53	3 48
T 22	9 8	16 8	2 39	3 34	0 27	18 33	0 32	19 34	1 8	21 8	0 48	11 2	2 13	7 47	0 49	22 11	0 37	14 21	17 20	2 25	2 6	28 37	1 52	3 48
F 23	8 46	10 41	1 35	2 49	0 20	18 16	0 34	19 25	1 8	21 9	0 48	11 4	2 13	7 48	0 49	22 12	0 37	14 22	17 20	2 25	2 7	28 37	1 51	3 48
S 24	8 25	4 41	0 26	2 4	0 12	17 58	0 37	19 15	1 9	21 10	0 48	11 5	2 13	7 49	0 49	22 12	0 37	14 22	17 21	2 26	2 8	28 36	1 50	3 48
S 25	8 3	1n36	0n46	1 20	0 5	17 40	0 39	19 6	1 9	21 11	0 48	11 7	2 13	7 49	0 49	22 12	0 37	14 23	17 21	2 26	2 9	28 36	1 49	3 48
M26	7 41	7 55	1 57	0 36	0s 2	17 22	0 42	18 56	1 9	21 11	0 48	11 9	2 13	7 50	0 49	22 12	0 37	14 24	17 21	2 25	2 11	28 36	1 48	3 48
T 27	7 18	13 59	3 2	0s 8	0 10	17 2	0 44	18 46	1 10	21 12	0 48	11 11	2 12	7 51	0 49	22 12	0 36	14 24	17 21	2 25	2 12	28 36	1 47	3 48
W28	6 56	19 28	3 58	0 51	0 18	16 43	0 46	18 36	1 10	21 13	0 48	11 13	2 12	7 52	0 49	22 12	0 36	14 25	17 21	2 25	2 13	28 35	1 46	3 48
T 29	6 33	24 0	4 41	1 34	0 25	16 23	0 49	18 26	1 11	21 13	0 48	11 15	2 12	7 53	0 49	22 12	0 36	14 25	17 21	2 24	2 15	28 35	1 45	3 48
F 30	6 11	27 12	5 8	2 17	0 33	16 2	0 51	18 15	1 11	21 14	0 48	11 17	2 12	7 54	0 49	22 12	0 36	14 26	17 21	2 24	2 16	28 35	1 44	3 48
S 31	5n48	28n42	5n16	2s59	0s41	15n41	0n53	18n 5	1n11	21n14	0s48	11s19	2n12	7s55	0s49	22s12	0n36	14s26	17s22	2s24	2s17	28s34	1n43	3n48

Julian Day Number = 2209244.5, Delta T = 09m29s
Ecliptic obliquity = 23°31'41, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°29'14, Lahiri = 14°36'14 Julian Calendar 1 Aug. 1336 == Greg. Calendar 9 Aug. 1336

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ASTRODIENST EPHEMERIS for the year 1336
geocentric

SEPTEMBER 1336 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	23 12 45	16♍18'23	9♋ 6	7♎21	21♌19	13♌44	10♊ 5	5♏31	11°R45	13°R49	3°R37	23°R58	24♓13	3♑16	25°R30	S 1
M 2	23 16 42	17°17'03	23°28	8°47	22°32	14°21	10° 8	5°37	11♓42	13♑48	3♈36	23♓57	24°10	3°23	25♓27	M 2
T 3	23 20 38	18°15'45	7♌50	10°11	23°46	14°59	10°12	5°42	11°40	13°48	3°35	23°56	24° 7	3°29	25°24	T 3
W 4	23 24 35	19°14'29	22° 8	11°34	25° 0	15°37	10°15	5°48	11°38	13°47	3°34	23°56	24° 4	3°36	25°22	W 4
T 5	23 28 31	20°13'16	6♍16	12°56	26°13	16°14	10°18	5°53	11°35	13°47	3°33	23°55	24° 0	3°43	25°19	T 5
F 6	23 32 28	21°12'04	20°11	14°17	27°27	16°51	10°21	5°59	11°33	13°46	3°32	23°D55	23°57	3°50	25°16	F 6
S 7	23 36 24	22°10'55	3♎49	15°36	28°41	17°29	10°24	6° 5	11°31	13°46	3°31	23°55	23°54	3°56	25°13	S 7
S 8	23 40 21	23° 9'47	17° 8	16°55	29°55	18° 6	10°27	6°11	11°28	13°46	3°30	23°55	23°51	4° 3	25°11	S 8
M 9	23 44 18	24° 8'42	0♏ 7	18°11	1♍ 9	18°44	10°29	6°16	11°26	13°45	3°28	23°R55	23°48	4°10	25° 8	M 9
T 10	23 48 14	25° 7'38	12°48	19°27	2°23	19°21	10°32	6°22	11°24	13°45	3°27	23°55	23°44	4°16	25° 5	T 10
W11	23 52 11	26° 6'36	25°12	20°40	3°37	19°58	10°34	6°28	11°21	13°45	3°26	23°55	23°41	4°23	25° 2	W11
T 12	23 56 7	27° 5'36	7♐21	21°52	4°51	20°36	10°36	6°34	11°19	13°45	3°25	23°55	23°38	4°30	25° 0	T 12
F 13	0 0 4	28° 4'38	19°21	23° 3	6° 5	21°13	10°37	6°40	11°17	13°44	3°24	23°55	23°35	4°37	24°57	F 13
S 14	0 4 0	29° 3'42	1♑15	24°11	7°19	21°50	10°39	6°46	11°14	13°44	3°23	23°D55	23°32	4°43	24°54	S 14
S 15	0 7 57	0♎ 2'47	13° 8	25°18	8°33	22°27	10°40	6°53	11°12	13°44	3°21	23°55	23°29	4°50	24°51	S 15
M16	0 11 53	1° 1'54	25° 5	26°22	9°47	23° 4	10°41	6°59	11°10	13°44	3°20	23°55	23°25	4°57	24°48	M16
T 17	0 15 50	2° 1'03	7♒10	27°24	11° 2	23°42	10°42	7° 5	11° 8	13°D44	3°19	23°56	23°22	5° 3	24°46	T 17
W18	0 19 47	3° 0'14	19°27	28°24	12°16	24°19	10°43	7°11	11° 6	13°44	3°18	23°57	23°19	5°10	24°43	W18
T 19	0 23 43	3°59'27	1♓59	29°21	13°30	24°56	10°43	7°18	11° 3	13°44	3°17	23°58	23°16	5°17	24°40	T 19
F 20	0 27 40	4°58'42	14°48	0♏14	14°45	25°33	10°43	7°24	11° 1	13°44	3°16	23°58	23°13	5°24	24°37	F 20
S 21	0 31 36	5°57'58	27°56	1° 5	15°59	26°10	10°R43	7°30	10°59	13°44	3°14	23°R59	23°10	5°30	24°35	S 21
S 22	0 35 33	6°57'17	11♈22	1°52	17°14	26°47	10°43	7°37	10°57	13°44	3°13	23°58	23° 6	5°37	24°32	S 22
M23	0 39 29	7°56'38	25° 4	2°35	18°28	27°24	10°43	7°43	10°55	13°45	3°12	23°57	23° 3	5°44	24°29	M23
T 24	0 43 26	8°56'00	9♉ 1	3°14	19°43	28° 1	10°42	7°50	10°53	13°45	3°11	23°55	23° 0	5°50	24°27	T 24
W25	0 47 22	9°55'26	23° 7	3°49	20°57	28°37	10°42	7°56	10°51	13°45	3°10	23°53	22°57	5°57	24°24	W25
T 26	0 51 19	10°54'53	7♊20	4°18	22°12	29°14	10°41	8° 3	10°49	13°45	3° 9	23°51	22°54	6° 4	24°21	T 26
F 27	0 55 16	11°54'23	21°36	4°42	23°27	29°51	10°40	8° 9	10°47	13°46	3° 7	23°49	22°50	6°11	24°19	F 27
S 28	0 59 12	12°53'55	5♋51	4°59	24°41	0♍28	10°38	8°16	10°45	13°46	3° 6	23°48	22°47	6°17	24°16	S 28
S 29	1 3 9	13°53'30	20° 3	5°10	25°56	1° 5	10°37	8°23	10°43	13°46	3° 5	23°D48	22°44	6°24	24°14	S 29
M30	1 7 5	14♎53'07	4♌ 9	5°R14	27♍11	1♍41	10♊35	8♏30	10♓41	13♑47	3♈ 4	23♓49	22♓41	6♑31	24♓11	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	5n25	28n18	5n 6	3s40	0s49	15n19	0n55	17n55	1n12	21n15	0s48	11s21	2n11	7s56	0s49	22s12	0n36	14s27	17s22	2s24	2s18	28s34	1n42	3n48
M 2	5 2	26 0	4 36	4 21	0 56	14 57	0 57	17 44	1 12	21 15	0 48	11 23	2 11	7 57	0 49	22 12	0 36	14 27	17 22	2 25	2 20	28 34	1 40	3 48
T 3	4 39	22 3	3 48	5 2	1 4	14 35	1 0	17 33	1 12	21 16	0 48	11 25	2 11	7 58	0 49	22 13	0 36	14 28	17 22	2 25	2 21	28 33	1 39	3 48
W 4	4 16	16 49	2 47	5 42	1 12	14 12	1 1	17 22	1 13	21 16	0 48	11 27	2 11	7 59	0 49	22 13	0 36	14 28	17 22	2 25	2 22	28 33	1 38	3 48
T 5	3 53	10 44	1 36	6 21	1 20	13 49	1 3	17 12	1 13	21 17	0 48	11 29	2 11	8 0	0 49	22 13	0 36	14 29	17 22	2 25	2 23	28 33	1 37	3 48
F 6	3 30	4 13	0 21	7 0	1 27	13 25	1 5	17 1	1 14	21 17	0 48	11 31	2 11	8 0	0 49	22 13	0 36	14 30	17 22	2 25	2 25	28 32	1 36	3 48
S 7	3 7	2s21	0s55	7 38	1 35	13 1	1 7	16 49	1 14	21 18	0 48	11 33	2 10	8 1	0 49	22 13	0 36	14 30	17 22	2 25	2 26	28 32	1 35	3 48
S 8	2 43	8 41	2 5	8 15	1 43	12 37	1 9	16 38	1 14	21 18	0 49	11 35	2 10	8 2	0 49	22 13	0 36	14 31	17 22	2 25	2 27	28 32	1 34	3 48
M 9	2 20	14 29	3 7	8 51	1 50	12 12	1 10	16 27	1 15	21 18	0 49	11 37	2 10	8 3	0 49	22 13	0 36	14 31	17 22	2 25	2 28	28 31	1 32	3 48
T 10	1 57	19 32	3 59	9 27	1 58	11 47	1 12	16 16	1 15	21 18	0 49	11 39	2 10	8 4	0 49	22 13	0 36	14 32	17 22	2 25	2 30	28 31	1 31	3 48
W11	1 33	23 38	4 38	10 2	2 5	11 22	1 14	16 4	1 15	21 19	0 49	11 41	2 10	8 5	0 49	22 13	0 36	14 32	17 23	2 25	2 31	28 31	1 30	3 48
T 12	1 10	26 36	5 4	10 35	2 12	10 56	1 15	15 52	1 16	21 19	0 49	11 43	2 10	8 6	0 49	22 13	0 36	14 33	17 23	2 26	2 32	28 30	1 29	3 48
F 13	0 46	28 21	5 16	11 8	2 19	10 30	1 17	15 41	1 16	21 19	0 49	11 45	2 9	8 7	0 49	22 13	0 36	14 33	17 23	2 26	2 33	28 30	1 28	3 47
S 14	0 22	28 45	5 14	11 40	2 26	10 4	1 18	15 29	1 16	21 19	0 49	11 47	2 9	8 7	0 49	22 13	0 36	14 34	17 23	2 26	2 35	28 29	1 27	3 47
S 15	0s 1	27 50	4 59	12 11	2 32	9 37	1 19	15 17	1 17	21 19	0 49	11 50	2 9	8 8	0 48	22 13	0 36	14 34	17 23	2 26	2 36	28 29	1 25	3 47
M16	0 25	25 38	4 31	12 40	2 38	9 10	1 20	15 5	1 17	21 19	0 49	11 52	2 9	8 9	0 48	22 13	0 36	14 35	17 23	2 25	2 37	28 28	1 24	3 47
T 17	0 48	22 16	3 51	13 8	2 44	8 43	1 22	14 53	1 17	21 20	0 49	11 54	2 9	8 10	0 48	22 13	0 36	14 35	17 23	2 25	2 38	28 28	1 23	3 47
W18	1 12	17 53	3 0	13 35	2 50	8 15	1 23	14 41	1 18	21 20	0 49	11 56	2 9	8 11	0 48	22 13	0 36	14 35	17 23	2 25	2 40	28 28	1 22	3 47
T 19	1 36	12 39	1 59	14 1	2 55	7 48	1 24	14 29	1 18	21 20	0 49	11 58	2 9	8 12	0 48	22 13	0 36	14 36	17 23	2 24	2 41	28 27	1 21	3 47
F 20	1 59	6 47	0 51	14 24	3 0	7 20	1 25	14 17	1 18	21 20	0 49	12 0	2 8	8 12	0 48	22 13	0 36	14 36	17 23	2 24	2 42	28 27	1 20	3 47
S 21	2 23	0 30	0n22	14 46	3 5	6 52	1 26	14 5	1 19	21 20	0 49	12 3	2 8	8 13	0 48	22 13	0 36	14 37	17 23	2 24	2 44	28 26	1 18	3 47
S 22	2 46	5n58	1 35	15 7	3 9	6 23	1 26	13 52	1 19	21 20	0 49	12 5	2 8	8 14	0 48	22 13	0 36	14 37	17 23	2 24	2 45	28 26	1 17	3 47
M23	3 10	12 16	2 43	15 25	3 12	5 55	1 27	13 40	1 19	21 20	0 49	12 7	2 8	8 15	0 48	22 13	0 36	14 38	17 23	2 25	2 46	28 25	1 16	3 46
T 24	3 33	18 5	3 44	15 41	3 15	5 26	1 28	13 27	1 20	21 19	0 49	12 9	2 8	8 15	0 48	22 13	0 36	14 38	17 23	2 25	2 47	28 25	1 15	3 46
W25	3 57	22 59	4 31	15 55	3 17	4 57	1 28	13 15	1 20	21 19	0 49	12 11	2 8	8 16	0 48	22 13	0 36	14 39	17 23	2 26	2 49	28 24	1 14	3 46
T 26	4 20	26 35	5 2	16 6	3 18	4 28	1 29	13 2	1 20	21 19	0 49	12 14	2 8	8 17	0 48	22 13	0 36	14 39	17 23	2 27	2 50	28 24	1 13	3 46
F 27	4 43	28 30	5 15	16 15	3 19	3 59	1 29	12 50	1 21	21 19	0 49	12 16	2 8	8 18	0 48	22 13	0 36	14 39	17 22	2 28	2 51	28 23	1 11	3 46
S 28	5 7	28 32	5 8	16 20	3 18	3 29	1 30	12 37	1 21	21 19	0 49	12 18	2 8	8 18	0 48	22 13	0 36	14 40	17 22	2 28	2 52	28 23	1 10	3 46
S 29	5 30	26 41	4 43	16 23	3 17	3 0	1 30	12 24	1 21	21 18	0 49	12 20	2 7	8 19	0 48	22 13	0 35	14 40	17 22	2 28	2 54	28 22	1 9	3 46
M30	5s53	23n11	4n 0	16s21	3s14	2n30	1n30	12n11	1n22	21n18	0s49	12s23	2n 7	8s20	0s48	22s13	0n35	14s41	17s22	2s28	2s55	28s21	1n 8	3n46

Julian Day Number = 2209275.5, Delta T = 09m29s
Ecliptic obliquity = 23°31'41, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°29'18, Lahiri = 14°36'18 Julian Calendar 1 Sept. 1336 == Greg. Calendar 9 Sept. 1336

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ASTRODIENST EPHEMERIS for the year 1336
geocentric

OCTOBER 1336 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	1 11 2	15♎52'46	18♌ 8	5°R10	28♍26	2♍18	10°R33	8♏36	10°R39	13♑47	3°R 3	23♓50	22♓38	6♑38	24°R 8	T 1
W 2	1 14 58	16°52'28	1♍58	4♏58	29°41	2°55	10♊31	8°43	10♓38	13°48	3♈ 2	23°52	22°35	6°44	24♓ 6	W 2
T 3	1 18 55	17°52'12	15°38	4°38	0♎55	3°31	10°29	8°50	10°36	13°48	3° 1	23°53	22°31	6°51	24° 3	T 3
F 4	1 22 51	18°51'57	29° 6	4° 8	2°10	4° 8	10°26	8°57	10°34	13°49	3° 0	23°R53	22°28	6°58	24° 1	F 4
S 5	1 26 48	19°51'45	12♎23	3°30	3°25	4°44	10°23	9° 4	10°32	13°49	2°58	23°52	22°25	7° 4	23°59	S 5
S 6	1 30 45	20°51'35	25°25	2°43	4°40	5°21	10°20	9°10	10°31	13°50	2°57	23°49	22°22	7°11	23°56	S 6
M 7	1 34 41	21°51'27	8♏13	1°48	5°55	5°57	10°17	9°17	10°29	13°51	2°56	23°45	22°19	7°18	23°54	M 7
T 8	1 38 38	22°51'21	20°47	0°45	7°10	6°34	10°14	9°24	10°28	13°51	2°55	23°40	22°15	7°25	23°51	T 8
W 9	1 42 34	23°51'17	3♐ 7	29♎35	8°25	7°10	10°10	9°31	10°26	13°52	2°54	23°35	22°12	7°31	23°49	W 9
T 10	1 46 31	24°51'15	15°15	28°22	9°40	7°47	10° 7	9°38	10°24	13°53	2°53	23°30	22° 9	7°38	23°47	T 10
F 11	1 50 27	25°51'14	27°14	27° 5	10°55	8°23	10° 3	9°45	10°23	13°53	2°52	23°26	22° 6	7°45	23°45	F 11
S 12	1 54 24	26°51'15	9♑ 7	25°48	12°11	8°59	9°59	9°52	10°22	13°54	2°51	23°22	22° 3	7°51	23°42	S 12
S 13	1 58 20	27°51'18	20°58	24°33	13°26	9°35	9°55	9°59	10°20	13°55	2°50	23°21	22° 0	7°58	23°40	S 13
M14	2 2 17	28°51'23	2♒53	23°22	14°41	10°12	9°50	10° 6	10°19	13°56	2°49	23°D21	21°56	8° 5	23°38	M14
T 15	2 6 14	29°51'29	14°56	22°17	15°56	10°48	9°46	10°13	10°17	13°57	2°48	23°22	21°53	8°12	23°36	T 15
W16	2 10 10	0♏51'36	27°12	21°21	17°11	11°24	9°41	10°20	10°16	13°58	2°47	23°23	21°50	8°18	23°34	W16
T 17	2 14 7	1°51'45	9♓45	20°35	18°26	12° 0	9°36	10°27	10°15	13°59	2°46	23°25	21°47	8°25	23°32	T 17
F 18	2 18 3	2°51'56	22°40	20° 0	19°42	12°36	9°31	10°34	10°14	14° 0	2°45	23°R25	21°44	8°32	23°30	F 18
S 19	2 22 0	3°52'08	5♈59	19°36	20°57	13°12	9°25	10°41	10°13	14° 1	2°44	23°25	21°41	8°38	23°28	S 19
S 20	2 25 56	4°52'22	19°42	19°24	22°12	13°48	9°20	10°49	10°12	14° 2	2°43	23°22	21°37	8°45	23°26	S 20
M21	2 29 53	5°52'38	3♉48	19°D24	23°27	14°24	9°14	10°56	10°10	14° 3	2°42	23°17	21°34	8°52	23°24	M21
T 22	2 33 49	6°52'55	18°12	19°34	24°43	15° 0	9° 9	11° 3	10° 9	14° 4	2°41	23°11	21°31	8°59	23°22	T 22
W23	2 37 46	7°53'15	2♊49	19°55	25°58	15°35	9° 3	11°10	10° 9	14° 5	2°40	23° 4	21°28	9° 5	23°20	W23
T 24	2 41 42	8°53'36	17°31	20°25	27°13	16°11	8°57	11°17	10° 8	14° 6	2°39	22°57	21°25	9°12	23°19	T 24
F 25	2 45 39	9°53'59	2♋10	21° 4	28°28	16°47	8°50	11°24	10° 7	14° 8	2°38	22°51	21°21	9°19	23°17	F 25
S 26	2 49 36	10°54'25	16°41	21°50	29°44	17°23	8°44	11°31	10° 6	14° 9	2°37	22°46	21°18	9°25	23°15	S 26
S 27	2 53 32	11°54'52	0♌58	22°44	0♏59	17°58	8°38	11°38	10° 5	14°10	2°36	22°44	21°15	9°32	23°14	S 27
M28	2 57 29	12°55'21	15° 1	23°43	2°15	18°34	8°31	11°45	10° 4	14°11	2°35	22°D43	21°12	9°39	23°12	M28
T 29	3 1 25	13°55'52	28°47	24°48	3°30	19° 9	8°24	11°53	10° 4	14°13	2°35	22°44	21° 9	9°46	23°11	T 29
W30	3 5 22	14°56'24	12♍19	25°57	4°45	19°45	8°17	12° 0	10° 3	14°14	2°34	22°45	21° 6	9°52	23° 9	W30
T 31	3 9 18	15♏56'59	25♍36	27♎11	6♏ 1	20♍20	8♊10	12♏ 7	10♓ 3	14♑15	2♈33	22°R45	21♓ 2	9♑59	23♓ 8	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	6s16	18n22	3n 4	16s16	3s10	2n 1	1n30	11n58	1n22	21n18	0s49	12s25	2n 7	8s20	0s48	22s13	0n35	14s41	17s22	2s27	2s56	28s21	1n 7	3n45	
W 2	6 39	12 39	1 58	16 7	3 4	1 31	1 31	11 45	1 22	21 18	0 49	12 27	2 7	8 21	0 48	22 13	0 35	14 41	17 22	2 27	2 57	28 20	1 6	3 45	
T 3	7 2	6 23	0 45	15 53	2 57	1 1	1 31	11 32	1 23	21 17	0 49	12 29	2 7	8 22	0 48	22 13	0 35	14 42	17 22	2 26	2 59	28 20	1 4	3 45	
F 4	7 25	0s 5	0s29	15 35	2 49	0 31	1 31	11 19	1 23	21 17	0 49	12 32	2 7	8 22	0 48	22 13	0 35	14 42	17 22	2 26	3 0	28 19	1 3	3 45	
S 5	7 48	6 26	1 40	15 12	2 38	0 1	1 30	11 6	1 23	21 16	0 49	12 34	2 7	8 23	0 48	22 13	0 35	14 42	17 22	2 27	3 1	28 19	1 2	3 45	
S 6	8 10	12 25	2 44	14 44	2 26	0s29	1 30	10 53	1 24	21 16	0 49	12 36	2 7	8 24	0 48	22 13	0 35	14 43	17 22	2 28	3 2	28 18	1 1	3 45	
M 7	8 33	17 45	3 39	14 12	2 12	0 59	1 30	10 40	1 24	21 16	0 49	12 38	2 7	8 24	0 48	22 13	0 35	14 43	17 22	2 29	3 4	28 17	1 0	3 44	
T 8	8 55	22 13	4 22	13 35	1 56	1 29	1 30	10 27	1 24	21 15	0 49	12 41	2 7	8 25	0 48	22 13	0 35	14 43	17 21	2 31	3 5	28 17	0 59	3 44	
W 9	9 17	25 38	4 52	12 54	1 39	1 59	1 29	10 13	1 25	21 14	0 49	12 43	2 6	8 25	0 48	22 13	0 35	14 44	17 21	2 33	3 6	28 16	0 58	3 44	
T 10	9 40	27 49	5 8	12 10	1 20	2 29	1 29	10 0	1 25	21 14	0 49	12 45	2 6	8 26	0 48	22 13	0 35	14 44	17 21	2 35	3 7	28 15	0 57	3 44	
F 11	10 2	28 41	5 11	11 24	1 0	2 59	1 28	9 47	1 25	21 13	0 49	12 48	2 6	8 26	0 48	22 13	0 35	14 44	17 21	2 37	3 9	28 15	0 56	3 44	
S 12	10 23	28 12	5 0	10 37	0 39	3 29	1 28	9 33	1 26	21 13	0 49	12 50	2 6	8 27	0 48	22 13	0 35	14 45	17 21	2 38	3 10	28 14	0 55	3 44	
S 13	10 45	26 26	4 36	9 50	0 19	3 59	1 27	9 20	1 26	21 12	0 49	12 52	2 6	8 27	0 48	22 13	0 35	14 45	17 21	2 39	3 11	28 14	0 54	3 43	
M14	11 6	23 29	4 1	9 5	0n 2	4 29	1 27	9 6	1 26	21 12	0 49	12 54	2 6	8 28	0 48	22 13	0 35	14 45	17 21	2 39	3 13	28 13	0 53	3 43	
T 15	11 28	19 30	3 14	8 22	0 22	4 58	1 26	8 53	1 27	21 11	0 49	12 57	2 6	8 28	0 48	22 13	0 35	14 45	17 20	2 39	3 14	28 12	0 52	3 43	
W16	11 49	14 39	2 18	7 44	0 41	5 28	1 25	8 39	1 27	21 10	0 49	12 59	2 6	8 29	0 48	22 13	0 35	14 46	17 20	2 38	3 15	28 12	0 51	3 43	
T 17	12 10	9 4	1 14	7 10	0 58	5 57	1 24	8 26	1 27	21 9	0 49	13 1	2 6	8 29	0 48	22 13	0 35	14 46	17 20	2 37	3 16	28 11	0 50	3 43	
F 18	12 31	2 59	0 4	6 42	1 14	6 27	1 23	8 12	1 28	21 9	0 49	13 3	2 6	8 30	0 48	22 13	0 35	14 46	17 20	2 37	3 18	28 10	0 49	3 42	
S 19	12 51	3n25	1n 8	6 20	1 28	6 56	1 22	7 59	1 28	21 8	0 49	13 6	2 6	8 30	0 48	22 13	0 35	14 46	17 20	2 37	3 19	28 9	0 48	3 42	
S 20	13 12	9 51	2 17	6 4	1 40	7 25	1 21	7 45	1 28	21 7	0 49	13 8	2 6	8 30	0 48	22 12	0 35	14 46	17 19	2 39	3 20	28 9	0 47	3 42	
M21	13 32	15 58	3 21	5 54	1 51	7 54	1 20	7 32	1 29	21 6	0 49	13 10	2 6	8 31	0 48	22 12	0 35	14 47	17 19	2 40	3 21	28 8	0 46	3 42	
T 22	13 52	21 21	4 13	5 50	2 0	8 23	1 19	7 18	1 29	21 5	0 49	13 12	2 6	8 31	0 48	22 12	0 35	14 47	17 19	2 43	3 23	28 7	0 45	3 42	
W23	14 11	25 31	4 49	5 52	2 6	8 52	1 17	7 4	1 29	21 5	0 49	13 15	2 6	8 32	0 47	22 12	0 35	14 47	17 19	2 46	3 24	28 6	0 44	3 41	
T 24	14 31	28 1	5 6	5 58	2 12	9 20	1 16	6 51	1 29	21 4	0 49	13 17	2 6	8 32	0 47	22 12	0 35	14 47	17 19	2 49	3 25	28 6	0 43	3 41	
F 25	14 50	28 34	5 4	6 9	2 16	9 48	1 15	6 37	1 30	21 3	0 49	13 19	2 6	8 32	0 47	22 12	0 35	14 47	17 18	2 51	3 26	28 5	0 42	3 41	
S 26	15 9	27 8	4 41	6 24	2 18	10 16	1 13	6 23	1 30	21 2	0 49	13 21	2 6	8 32	0 47	22 12	0 35	14 47	17 18	2 53	3 28	28 4	0 41	3 41	
S 27	15 28	23 57	4 2	6 43	2 19	10 44	1 12	6 9	1 30	21 1	0 49	13 23	2 6	8 33	0 47	22 12	0 35	14 48	17 18	2 54	3 29	28 3	0 41	3 41	
M28	15 46	19 24	3 9	7 5	2 19	11 12	1 10	5 56	1 31	21 0	0 49	13 26	2 6	8 33	0 47	22 12	0 35	14 48	17 18	2 54	3 30	28 3	0 40	3 40	
T 29	16 5	13 54	2 5	7 30	2 18	11 39	1 9	5 42	1 31	20 59	0 49	13 28	2 6	8 33	0 47	22 12	0 35	14 48	17 17	2 54	3 31	28 2	0 39	3 40	
W30	16 23	7 50	0 56	7 57	2 16	12 6	1 7	5 28	1 31	20 58	0 49	13 30	2 5	8 33	0 47	22 11	0 35	14 48	17 17	2 53	3 33	28 1	0 38	3 40	
T 31	16s40	1n31	0s15	8s25	2n14	12s33	1n 6	5n15	1n32	20n57	0s49	13s32	2n 5	8s34	0s47	22s11	0n35	14s48	17s17	2s53	3s34	28s 0	0n37	3n40	

Julian Day Number = 2209305.5, Delta T = 09m28s
Ecliptic obliquity = 23°31'41, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°29'22, Lahiri = 14°36'22 Julian Calendar 1 Oct. 1336 == Greg. Calendar 9 Oct. 1336

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ASTRODIENST EPHEMERIS for the year 1336
geocentric

NOVEMBER 1336 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	3 13 15	16♏57'35	8♎41	28♎27	7♏16	20♍56	8°R 3	12♏14	10°R 2	14♑17	2°R32	22°R44	20♓59	10♑ 6	23°R 6	F 1
S 2	3 17 12	17°58'13	21°34	29°46	8°32	21°31	7♊56	12°21	10♓ 1	14°18	2♈31	22♓40	20°56	10°12	23♓ 5	S 2
S 3	3 21 8	18°58'52	4♏17	1♏ 8	9°47	22° 6	7°49	12°28	10° 1	14°20	2°31	22°34	20°53	10°19	23° 4	S 3
M 4	3 25 5	19°59'34	16°49	2°32	11° 3	22°42	7°41	12°35	10° 1	14°21	2°30	22°25	20°50	10°26	23° 3	M 4
T 5	3 29 1	21° 0'16	29°10	3°57	12°18	23°17	7°34	12°42	10° 0	14°23	2°29	22°14	20°47	10°33	23° 1	T 5
W 6	3 32 58	22° 1'00	11♐23	5°24	13°33	23°52	7°26	12°49	10° 0	14°24	2°28	22° 2	20°43	10°39	23° 0	W 6
T 7	3 36 54	23° 1'46	23°26	6°52	14°49	24°27	7°18	12°56	10° 0	14°26	2°28	21°50	20°40	10°46	22°59	T 7
F 8	3 40 51	24° 2'32	5♑22	8°21	16° 4	25° 2	7°11	13° 3	10° 0	14°27	2°27	21°39	20°37	10°53	22°58	F 8
S 9	3 44 47	25° 3'20	17°13	9°51	17°20	25°37	7° 3	13°11	10° 0	14°29	2°26	21°30	20°34	10°59	22°57	S 9
S 10	3 48 44	26° 4'09	29° 3	11°22	18°35	26°12	6°55	13°18	9°59	14°31	2°26	21°24	20°31	11° 6	22°56	S 10
M11	3 52 41	27° 4'58	10♒54	12°53	19°51	26°47	6°47	13°25	9°D59	14°32	2°25	21°20	20°27	11°13	22°55	M11
T 12	3 56 37	28° 5'49	22°53	14°25	21° 6	27°22	6°39	13°32	9°59	14°34	2°25	21°19	20°24	11°20	22°55	T 12
W13	4 0 34	29° 6'41	5♓ 5	15°56	22°22	27°57	6°31	13°39	10° 0	14°36	2°24	21°D19	20°21	11°26	22°54	W13
T 14	4 4 30	0♐ 7'33	17°34	17°29	23°37	28°31	6°23	13°45	10° 0	14°37	2°24	21°R19	20°18	11°33	22°53	T 14
F 15	4 8 27	1° 8'26	0♈25	19° 1	24°53	29° 6	6°15	13°52	10° 0	14°39	2°23	21°19	20°15	11°40	22°53	F 15
S 16	4 12 23	2° 9'20	13°44	20°34	26° 9	29°40	6° 7	13°59	10° 0	14°41	2°23	21°17	20°12	11°46	22°52	S 16
S 17	4 16 20	3°10'15	27°31	22° 7	27°24	0♎15	5°58	14° 6	10° 0	14°43	2°22	21°12	20° 8	11°53	22°52	S 17
M18	4 20 16	4°11'11	11♉48	23°39	28°40	0°49	5°50	14°13	10° 1	14°45	2°22	21° 5	20° 5	12° 0	22°51	M18
T 19	4 24 13	5°12'08	26°29	25°12	29°55	1°24	5°42	14°20	10° 1	14°46	2°21	20°55	20° 2	12° 7	22°51	T 19
W20	4 28 10	6°13'06	11♊28	26°46	1♐11	1°58	5°34	14°27	10° 2	14°48	2°21	20°44	19°59	12°13	22°50	W20
T 21	4 32 6	7°14'04	26°35	28°19	2°26	2°32	5°26	14°33	10° 2	14°50	2°20	20°33	19°56	12°20	22°50	T 21
F 22	4 36 3	8°15'04	11♋41	29°52	3°42	3° 6	5°18	14°40	10° 3	14°52	2°20	20°23	19°53	12°27	22°50	F 22
S 23	4 39 59	9°16'05	26°35	1♐25	4°57	3°41	5° 9	14°47	10° 3	14°54	2°20	20°15	19°49	12°34	22°50	S 23
S 24	4 43 56	10°17'07	11♌10	2°59	6°13	4°15	5° 1	14°54	10° 4	14°56	2°19	20° 9	19°46	12°40	22°49	S 24
M25	4 47 52	11°18'09	25°22	4°32	7°28	4°49	4°53	15° 0	10° 4	14°58	2°19	20° 7	19°43	12°47	22°49	M25
T 26	4 51 49	12°19'13	9♍11	6° 6	8°44	5°22	4°45	15° 7	10° 5	15° 0	2°19	20° 6	19°40	12°54	22°D49	T 26
W27	4 55 45	13°20'18	22°37	7°40	9°59	5°56	4°37	15°13	10° 6	15° 2	2°18	20° 6	19°37	13° 0	22°49	W27
T 28	4 59 42	14°21'24	5♎44	9°13	11°15	6°30	4°29	15°20	10° 7	15° 4	2°18	20° 5	19°33	13° 7	22°50	T 28
F 29	5 3 39	15°22'30	18°34	10°47	12°30	7° 4	4°21	15°26	10° 8	15° 6	2°18	20° 3	19°30	13°14	22°50	F 29
S 30	5 7 35	16♐23'38	1♏10	12♐21	13♐46	7♎37	4♊13	15♏33	10♓ 9	15♑ 8	2♈18	19♓58	19♓27	13♑20	22♓50	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	16s58	4s45	1s24	8s56	2n10	12s59	1n 4	5n 1	1n32	20n56	0s49	13s34	2n 5	8s34	0s47	22s11	0n35	14s48	17s17	2s54	3s35	27s59	0n37	3n39
S 2	17 15	10 43	2 28	9 28	2 7	13 25	1 2	4 47	1 32	20 55	0 49	13 37	2 5	8 34	0 47	22 11	0 34	14 48	17 16	2 55	3 36	27 59	0 36	3 39
S 3	17 32	16 10	3 23	10 0	2 2	13 51	1 0	4 33	1 32	20 53	0 49	13 39	2 5	8 34	0 47	22 11	0 34	14 48	17 16	2 58	3 38	27 58	0 35	3 39
M 4	17 48	20 52	4 7	10 34	1 57	14 16	0 58	4 20	1 33	20 52	0 49	13 41	2 5	8 34	0 47	22 11	0 34	14 48	17 16	3 1	3 39	27 57	0 34	3 39
T 5	18 4	24 35	4 39	11 8	1 52	14 41	0 57	4 6	1 33	20 51	0 49	13 43	2 5	8 34	0 47	22 11	0 34	14 48	17 16	3 6	3 40	27 56	0 34	3 38
W 6	18 20	27 9	4 58	11 42	1 46	15 6	0 55	3 52	1 33	20 50	0 48	13 45	2 5	8 34	0 47	22 11	0 34	14 48	17 15	3 10	3 41	27 55	0 33	3 38
T 7	18 36	28 24	5 3	12 17	1 40	15 30	0 53	3 39	1 34	20 49	0 48	13 47	2 5	8 34	0 47	22 10	0 34	14 48	17 15	3 15	3 43	27 54	0 32	3 38
F 8	18 51	28 19	4 54	12 51	1 34	15 54	0 51	3 25	1 34	20 48	0 48	13 49	2 5	8 34	0 47	22 10	0 34	14 48	17 15	3 19	3 44	27 54	0 32	3 38
S 9	19 6	26 56	4 33	13 26	1 28	16 17	0 49	3 11	1 34	20 46	0 48	13 51	2 5	8 34	0 47	22 10	0 34	14 48	17 14	3 23	3 45	27 53	0 31	3 37
S 10	19 21	24 21	4 1	14 1	1 21	16 40	0 47	2 58	1 34	20 45	0 48	13 54	2 5	8 34	0 47	22 10	0 34	14 48	17 14	3 25	3 46	27 52	0 31	3 37
M11	19 35	20 43	3 17	14 35	1 14	17 3	0 45	2 44	1 35	20 44	0 48	13 56	2 5	8 34	0 47	22 10	0 34	14 48	17 14	3 27	3 48	27 51	0 30	3 37
T 12	19 49	16 13	2 25	15 9	1 8	17 25	0 42	2 30	1 35	20 43	0 48	13 58	2 6	8 34	0 47	22 10	0 34	14 48	17 14	3 27	3 49	27 50	0 30	3 37
W13	20 2	11 0	1 25	15 42	1 1	17 47	0 40	2 17	1 35	20 42	0 48	14 0	2 6	8 34	0 47	22 10	0 34	14 48	17 13	3 27	3 50	27 49	0 29	3 36
T 14	20 15	5 14	0 20	16 15	0 54	18 8	0 38	2 3	1 36	20 40	0 48	14 2	2 6	8 34	0 47	22 9	0 34	14 48	17 13	3 27	3 51	27 48	0 28	3 36
F 15	20 28	0n54	0n48	16 47	0 47	18 29	0 36	1 50	1 36	20 39	0 48	14 4	2 6	8 34	0 47	22 9	0 34	14 48	17 13	3 27	3 53	27 47	0 28	3 36
S 16	20 40	7 13	1 56	17 19	0 40	18 49	0 34	1 36	1 36	20 38	0 47	14 6	2 6	8 34	0 47	22 9	0 34	14 48	17 12	3 28	3 54	27 46	0 28	3 36
S 17	20 52	13 25	2 59	17 50	0 33	19 9	0 31	1 22	1 36	20 36	0 47	14 8	2 6	8 34	0 47	22 9	0 34	14 48	17 12	3 30	3 55	27 45	0 27	3 35
M18	21 4	19 8	3 54	18 21	0 25	19 28	0 29	1 9	1 37	20 35	0 47	14 10	2 6	8 34	0 46	22 9	0 34	14 48	17 12	3 33	3 56	27 44	0 27	3 35
T 19	21 15	23 53	4 34	18 50	0 18	19 46	0 27	0 56	1 37	20 34	0 47	14 12	2 6	8 33	0 46	22 8	0 34	14 47	17 11	3 37	3 58	27 43	0 26	3 35
W20	21 26	27 8	4 57	19 19	0 11	20 4	0 24	0 42	1 37	20 33	0 47	14 14	2 6	8 33	0 46	22 8	0 34	14 47	17 11	3 41	3 59	27 42	0 26	3 35
T 21	21 36	28 28	4 59	19 47	0 4	20 22	0 22	0 29	1 38	20 31	0 47	14 16	2 6	8 33	0 46	22 8	0 34	14 47	17 11	3 46	4 0	27 41	0 26	3 34
F 22	21 46	27 40	4 40	20 14	0s 2	20 39	0 20	0 15	1 38	20 30	0 47	14 18	2 6	8 33	0 46	22 8	0 34	14 47	17 10	3 50	4 1	27 40	0 25	3 34
S 23	21 55	24 53	4 3	20 40	0 9	20 55	0 17	0 2	1 38	20 29	0 46	14 20	2 6	8 32	0 46	22 8	0 34	14 47	17 10	3 53	4 3	27 39	0 25	3 34
S 24	22 4	20 32	3 10	21 6	0 16	21 11	0 15	0s11	1 38	20 27	0 46	14 21	2 6	8 32	0 46	22 8	0 34	14 47	17 10	3 55	4 4	27 38	0 25	3 34
M25	22 13	15 6	2 7	21 30	0 23	21 26	0 13	0 25	1 39	20 26	0 46	14 23	2 6	8 32	0 46	22 7	0 34	14 46	17 9	3 56	4 5	27 37	0 24	3 33
T 26	22 21	9 3	0 57	21 53	0 29	21 40	0 10	0 38	1 39	20 25	0 46	14 25	2 6	8 32	0 46	22 7	0 34	14 46	17 9	3 56	4 6	27 36	0 24	3 33
W27	22 29	2 44	0s13	22 15	0 36	21 54	0 8	0 51	1 39	20 23	0 46	14 27	2 6	8 31	0 46	22 7	0 34	14 46	17 9	3 56	4 8	27 35	0 24	3 33
T 28	22 36	3s32	1 22	22 36	0 42	22 7	0 6	1 4	1 39	20 22	0 46	14 29	2 6	8 31	0 46	22 7	0 34	14 46	17 8	3 56	4 9	27 34	0 24	3 33
F 29	22 43	9 31	2 24	22 56	0 48	22 20	0 3	1 17	1 40	20 21	0 46	14 31	2 6	8 30	0 46	22 7	0 34	14 46	17 8	3 57	4 10	27 33	0 24	3 32
S 30	22s50	15s 1	3s18	23s15	0s54	22s31	0n 1	1s30	1n40	20n19	0s45	14s33	2n 6	8s30	0s46	22s 6	0n34	14s45	17s 7	3s59	4s11	27s32	0n23	3n32

Julian Day Number = 2209336.5, Delta T = 09m28s
Ecliptic obliquity = 23°31'40, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°29'26, Lahiri = 14°36'27 Julian Calendar 1 Nov. 1336 == Greg. Calendar 9 Nov. 1336

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ASTRODIENST EPHEMERIS for the year 1336
geocentric

DECEMBER 1336 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	5 11 32	17♐24'46	13♏36	13♐56	15♐ 1	8♎11	4°R 6	15♏39	10♓10	15♑10	2°R17	19°R49	19♓24	13♑27	22♓50	S 1
M 2	5 15 28	18°25'55	25°53	15°30	16°17	8°44	3♊58	15°46	10°11	15°12	2♈17	19♓38	19°21	13°34	22°50	M 2
T 3	5 19 25	19°27'05	8♐ 2	17° 4	17°33	9°18	3°50	15°52	10°12	15°14	2°17	19°24	19°18	13°41	22°51	T 3
W 4	5 23 21	20°28'15	20° 4	18°39	18°48	9°51	3°43	15°58	10°13	15°16	2°17	19° 9	19°14	13°47	22°51	W 4
T 5	5 27 18	21°29'26	2♑ 2	20°14	20° 4	10°24	3°35	16° 5	10°14	15°18	2°17	18°54	19°11	13°54	22°52	T 5
F 6	5 31 15	22°30'37	13°54	21°49	21°19	10°57	3°28	16°11	10°15	15°20	2°17	18°40	19° 8	14° 1	22°52	F 6
S 7	5 35 11	23°31'48	25°44	23°25	22°35	11°30	3°21	16°17	10°17	15°23	2°17	18°28	19° 5	14° 7	22°53	S 7
S 8	5 39 8	24°33'00	7♒34	25° 0	23°50	12° 3	3°13	16°23	10°18	15°25	2°D17	18°19	19° 2	14°14	22°54	S 8
M 9	5 43 4	25°34'11	19°25	26°36	25° 6	12°36	3° 6	16°29	10°19	15°27	2°17	18°13	18°59	14°21	22°54	M 9
T 10	5 47 1	26°35'22	1♓23	28°12	26°21	13° 8	3° 0	16°35	10°21	15°29	2°17	18°10	18°55	14°28	22°55	T 10
W11	5 50 57	27°36'34	13°31	29°49	27°37	13°41	2°53	16°41	10°22	15°31	2°17	18°D 9	18°52	14°34	22°56	W11
T 12	5 54 54	28°37'45	25°55	1♑25	28°52	14°14	2°46	16°47	10°24	15°33	2°17	18°R 9	18°49	14°41	22°57	T 12
F 13	5 58 50	29°38'56	8♈40	3° 2	0♑ 8	14°46	2°40	16°53	10°26	15°36	2°17	18° 9	18°46	14°48	22°58	F 13
S 14	6 2 47	0♑40'06	21°51	4°40	1°23	15°18	2°33	16°59	10°27	15°38	2°17	18° 7	18°43	14°54	22°59	S 14
S 15	6 6 44	1°41'17	5♉31	6°17	2°39	15°50	2°27	17° 5	10°29	15°40	2°17	18° 3	18°39	15° 1	23° 0	S 15
M16	6 10 40	2°42'27	19°42	7°55	3°54	16°23	2°21	17°10	10°31	15°42	2°17	17°56	18°36	15° 8	23° 1	M16
T 17	6 14 37	3°43'37	4♊22	9°33	5°10	16°55	2°15	17°16	10°32	15°45	2°18	17°47	18°33	15°15	23° 2	T 17
W18	6 18 33	4°44'47	19°25	11°12	6°25	17°26	2° 9	17°22	10°34	15°47	2°18	17°37	18°30	15°21	23° 3	W18
T 19	6 22 30	5°45'57	4♋43	12°51	7°41	17°58	2° 3	17°27	10°36	15°49	2°18	17°26	18°27	15°28	23° 5	T 19
F 20	6 26 26	6°47'07	20° 4	14°30	8°56	18°30	1°58	17°33	10°38	15°51	2°18	17°16	18°24	15°35	23° 6	F 20
S 21	6 30 23	7°48'16	5♌17	16° 9	10°12	19° 1	1°53	17°38	10°40	15°54	2°19	17° 7	18°20	15°41	23° 7	S 21
S 22	6 34 19	8°49'25	20°11	17°49	11°27	19°33	1°47	17°43	10°42	15°56	2°19	17° 2	18°17	15°48	23° 9	S 22
M23	6 38 16	9°50'34	4♍40	19°29	12°43	20° 4	1°42	17°49	10°44	15°58	2°19	17° 0	18°14	15°55	23°10	M23
T 24	6 42 13	10°51'43	18°42	21° 8	13°58	20°35	1°38	17°54	10°46	16° 0	2°20	16°D59	18°11	16° 2	23°12	T 24
W25	6 46 9	11°52'52	2♎16	22°48	15°13	21° 6	1°33	17°59	10°48	16° 3	2°20	16°59	18° 8	16° 8	23°13	W25
T 26	6 50 6	12°54'01	15°24	24°28	16°29	21°37	1°29	18° 4	10°50	16° 5	2°20	17°R 0	18° 5	16°15	23°15	T 26
F 27	6 54 2	13°55'10	28°12	26° 7	17°44	22° 8	1°24	18° 9	10°52	16° 7	2°21	16°59	18° 1	16°22	23°17	F 27
S 28	6 57 59	14°56'18	10♏42	27°47	19° 0	22°39	1°20	18°14	10°55	16° 9	2°21	16°55	17°58	16°28	23°18	S 28
S 29	7 1 55	15°57'27	22°58	29°25	20°15	23° 9	1°16	18°19	10°57	16°12	2°22	16°49	17°55	16°35	23°20	S 29
M30	7 5 52	16°58'35	5♐ 5	1♒ 3	21°31	23°40	1°13	18°24	10°59	16°14	2°22	16°41	17°52	16°42	23°22	M30
T 31	7 9 48	17♑59'42	17♐ 5	2♒41	22♑46	24♎10	1♊ 9	18♏28	11♓ 1	16♑16	2♈23	16♓30	17♓49	16♑48	23♓24	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22s56	19s50	4s 2	23s33	1s 0	22s43	0s 2	1s43	1n40	20n18	0s45	14s34	2n 6	8s30	0s46	22s 6	0n34	14s45	17s 7	4s 3	4s13	27s31	0n23	3n32
M 2	23 1	23 44	4 34	23 49	1 6	22 53	0 4	1 56	1 40	20 17	0 45	14 36	2 6	8 29	0 46	22 6	0 34	14 45	17 7	4 7	4 14	27 30	0 23	3 32
T 3	23 6	26 33	4 53	24 5	1 11	23 3	0 6	2 9	1 41	20 16	0 45	14 38	2 7	8 29	0 46	22 6	0 34	14 45	17 6	4 13	4 15	27 29	0 23	3 31
W 4	23 11	28 7	4 59	24 19	1 16	23 12	0 9	2 22	1 41	20 14	0 45	14 40	2 7	8 28	0 46	22 5	0 34	14 44	17 6	4 19	4 16	27 28	0 23	3 31
T 5	23 15	28 22	4 51	24 31	1 21	23 20	0 11	2 35	1 41	20 13	0 44	14 41	2 7	8 28	0 46	22 5	0 34	14 44	17 6	4 25	4 18	27 27	0 23	3 31
F 6	23 19	27 17	4 31	24 43	1 26	23 28	0 14	2 48	1 41	20 12	0 44	14 43	2 7	8 27	0 46	22 5	0 34	14 44	17 5	4 30	4 19	27 26	0 23	3 30
S 7	23 22	24 59	3 59	24 53	1 31	23 35	0 16	3 0	1 42	20 11	0 44	14 45	2 7	8 27	0 46	22 5	0 34	14 43	17 5	4 35	4 20	27 25	0 23	3 30
S 8	23 25	21 37	3 17	25 2	1 36	23 41	0 18	3 13	1 42	20 10	0 44	14 46	2 7	8 26	0 46	22 5	0 34	14 43	17 5	4 38	4 21	27 24	0 23	3 30
M 9	23 27	17 21	2 26	25 9	1 40	23 47	0 21	3 26	1 42	20 9	0 44	14 48	2 7	8 26	0 46	22 4	0 34	14 43	17 4	4 41	4 23	27 23	0 23	3 30
T 10	23 29	12 23	1 27	25 15	1 44	23 51	0 23	3 38	1 42	20 7	0 43	14 50	2 7	8 25	0 46	22 4	0 34	14 42	17 4	4 42	4 24	27 21	0 23	3 29
W11	23 30	6 53	0 24	25 19	1 48	23 56	0 25	3 51	1 43	20 6	0 43	14 51	2 7	8 24	0 46	22 4	0 34	14 42	17 3	4 42	4 25	27 20	0 23	3 29
T 12	23 31	1 0	0n41	25 22	1 51	23 59	0 27	4 3	1 43	20 5	0 43	14 53	2 7	8 24	0 46	22 4	0 34	14 42	17 3	4 42	4 26	27 19	0 23	3 29
F 13	23 32	5n 5	1 46	25 24	1 54	24 1	0 30	4 15	1 43	20 4	0 43	14 54	2 7	8 23	0 45	22 3	0 34	14 41	17 3	4 42	4 28	27 18	0 23	3 29
S 14	23 32	11 9	2 48	25 24	1 57	24 3	0 32	4 28	1 43	20 3	0 43	14 56	2 8	8 23	0 45	22 3	0 34	14 41	17 2	4 43	4 29	27 17	0 24	3 28
S 15	23 31	16 54	3 43	25 22	2 0	24 4	0 34	4 40	1 44	20 2	0 42	14 57	2 8	8 22	0 45	22 3	0 34	14 41	17 2	4 44	4 30	27 16	0 24	3 28
M16	23 30	21 59	4 26	25 19	2 2	24 4	0 36	4 52	1 44	20 1	0 42	14 59	2 8	8 21	0 45	22 3	0 34	14 40	17 2	4 47	4 31	27 14	0 24	3 28
T 17	23 28	25 54	4 53	25 14	2 4	24 4	0 38	5 4	1 44	20 0	0 42	15 0	2 8	8 21	0 45	22 2	0 34	14 40	17 1	4 51	4 33	27 13	0 24	3 28
W18	23 27	28 6	5 1	25 8	2 5	24 3	0 41	5 16	1 44	19 59	0 42	15 2	2 8	8 20	0 45	22 2	0 34	14 39	17 1	4 55	4 34	27 12	0 24	3 27
T 19	23 24	28 14	4 48	25 0	2 6	24 1	0 43	5 28	1 44	19 58	0 42	15 3	2 8	8 19	0 45	22 2	0 34	14 39	17 1	4 59	4 35	27 11	0 25	3 27
F 20	23 21	26 12	4 14	24 50	2 7	23 58	0 45	5 40	1 45	19 57	0 41	15 5	2 8	8 18	0 45	22 2	0 34	14 38	17 0	5 3	4 36	27 10	0 25	3 27
S 21	23 18	22 17	3 22	24 39	2 7	23 55	0 47	5 52	1 45	19 57	0 41	15 6	2 8	8 18	0 45	22 1	0 33	14 38	17 0	5 6	4 38	27 9	0 25	3 27
S 22	23 14	16 59	2 17	24 26	2 7	23 51	0 49	6 3	1 45	19 56	0 41	15 7	2 9	8 17	0 45	22 1	0 33	14 38	16 59	5 8	4 39	27 7	0 26	3 26
M23	23 10	10 51	1 5	24 11	2 6	23 46	0 51	6 15	1 45	19 55	0 41	15 9	2 9	8 16	0 45	22 1	0 33	14 37	16 59	5 9	4 40	27 6	0 26	3 26
T 24	23 5	4 21	0s 9	23 55	2 5	23 40	0 53	6 26	1 46	19 54	0 40	15 10	2 9	8 15	0 45	22 1	0 33	14 37	16 59	5 10	4 41	27 5	0 26	3 26
W25	23 0	2s 8	1 20	23 37	2 3	23 34	0 55	6 38	1 46	19 53	0 40	15 11	2 9	8 14	0 45	22 0	0 33	14 36	16 58	5 9	4 43	27 4	0 27	3 26
T 26	22 54	8 19	2 25	23 18	2 1	23 26	0 56	6 49	1 46	19 53	0 40	15 13	2 9	8 13	0 45	22 0	0 33	14 36	16 58	5 9	4 44	27 2	0 27	3 25
F 27	22 48	14 0	3 21	22 56	1 58	23 19	0 58	7 1	1 46	19 52	0 40	15 14	2 9	8 13	0 45	22 0	0 33	14 35	16 58	5 10	4 45	27 1	0 28	3 25
S 28	22 41	18 58	4 6	22 33	1 55	23 10	1 0	7 12	1 46	19 52	0 40	15 15	2 9	8 12	0 45	22 0	0 33	14 35	16 57	5 11	4 46	27 0	0 28	3 25
S 29	22 34	23 4	4 38	22 9	1 51	23 1	1 2	7 23	1 46	19 51	0 39	15 16	2 9	8 11	0 45	21 59	0 33	14 34	16 57	5 13	4 48	26 59	0 29	3 25
M30	22 27	26 6	4 58	21 43	1 46	22 51	1 3	7 34	1 47	19 50	0 39	15 17	2 10	8 10	0 45	21 59	0 33	14 34	16 57	5 17	4 49	26 57	0 29	3 25
T 31	22s19	27s56	5s 4	21s15	1s40	22s40	1s 5	7s45	1n47	19n50	0s39	15s19	2n10	8s 9	0s45	21s59	0n33	14s33	16s56	5s21	4s50	26s56	0n30	3n24

Julian Day Number = 2209366.5, Delta T = 09m28s
Ecliptic obliquity = 23°31'40, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°29'30, Lahiri = 14°36'31 Julian Calendar 1 Dec. 1336 == Greg. Calendar 9 Dec. 1336

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ASTRODIENST EPHEMERIS for the year 1337
geocentric

JANUARY 1337 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	7 13 45	19♉ 0'50	29♐ 0	4♒17	24♉ 1	24♎40	1°R 6	18♏33	11♓ 4	16♉19	2♈23	16°R19	17♓45	16♉55	23♓26	W 1
T 2	7 17 42	20° 1'56	10♉52	5°51	25°17	25°10	1♊ 3	18°38	11° 6	16°21	2°24	16♓ 7	17°42	17° 2	23°28	T 2
F 3	7 21 38	21° 3'02	22°43	7°24	26°32	25°40	1° 0	18°42	11° 9	16°23	2°24	15°56	17°39	17° 9	23°30	F 3
S 4	7 25 35	22° 4'07	4♒34	8°54	27°47	26° 9	0°57	18°46	11°11	16°25	2°25	15°47	17°36	17°15	23°32	S 4
S 5	7 29 31	23° 5'12	16°27	10°22	29° 3	26°39	0°54	18°51	11°14	16°28	2°26	15°40	17°33	17°22	23°34	S 5
M 6	7 33 28	24° 6'15	28°23	11°46	0♒18	27° 8	0°52	18°55	11°16	16°30	2°26	15°36	17°30	17°29	23°36	M 6
T 7	7 37 24	25° 7'17	10♓26	13° 6	1°33	27°37	0°50	18°59	11°19	16°32	2°27	15°D34	17°26	17°35	23°38	T 7
W 8	7 41 21	26° 8'19	22°38	14°22	2°49	28° 6	0°48	19° 3	11°22	16°34	2°28	15°34	17°23	17°42	23°41	W 8
T 9	7 45 17	27° 9'19	5♈ 4	15°32	4° 4	28°35	0°46	19° 7	11°24	16°37	2°28	15°35	17°20	17°49	23°43	T 9
F 10	7 49 14	28°10'18	17°47	16°37	5°19	29° 4	0°45	19°11	11°27	16°39	2°29	15°36	17°17	17°56	23°45	F 10
S 11	7 53 11	29°11'16	0♉52	17°34	6°35	29°32	0°43	19°15	11°30	16°41	2°30	15°R37	17°14	18° 2	23°48	S 11
S 12	7 57 7	0♒12'12	14°23	18°24	7°50	0♏ 0	0°42	19°19	11°32	16°43	2°30	15°36	17°11	18° 9	23°50	S 12
M13	8 1 4	1°13'07	28°20	19° 5	9° 5	0°29	0°41	19°23	11°35	16°46	2°31	15°33	17° 7	18°16	23°53	M13
T 14	8 5 0	2°14'01	12♊46	19°37	10°20	0°56	0°41	19°26	11°38	16°48	2°32	15°28	17° 4	18°22	23°55	T 14
W15	8 8 57	3°14'54	27°35	19°59	11°36	1°24	0°40	19°30	11°41	16°50	2°33	15°22	17° 1	18°29	23°58	W15
T 16	8 12 53	4°15'45	12♋43	20°11	12°51	1°52	0°40	19°33	11°44	16°52	2°34	15°15	16°58	18°36	24° 0	T 16
F 17	8 16 50	5°16'35	27°59	20°R11	14° 6	2°19	0°D40	19°37	11°47	16°54	2°35	15° 9	16°55	18°42	24° 3	F 17
S 18	8 20 47	6°17'23	13♌13	20° 1	15°21	2°46	0°40	19°40	11°49	16°57	2°35	15° 4	16°51	18°49	24° 6	S 18
S 19	8 24 43	7°18'11	28°14	19°39	16°36	3°13	0°40	19°43	11°52	16°59	2°36	15° 1	16°48	18°56	24° 8	S 19
M20	8 28 40	8°18'57	12♍54	19° 7	17°51	3°40	0°41	19°46	11°55	17° 1	2°37	15°D 0	16°45	19° 3	24°11	M20
T 21	8 32 36	9°19'42	27° 9	18°25	19° 7	4° 6	0°41	19°49	11°58	17° 3	2°38	15° 1	16°42	19° 9	24°14	T 21
W22	8 36 33	10°20'26	10♎55	17°35	20°22	4°32	0°42	19°52	12° 1	17° 5	2°39	15° 2	16°39	19°16	24°17	W22
T 23	8 40 29	11°21'09	24°14	16°36	21°37	4°58	0°43	19°55	12° 5	17° 7	2°40	15° 4	16°36	19°23	24°19	T 23
F 24	8 44 26	12°21'50	7♏ 8	15°33	22°52	5°24	0°45	19°57	12° 8	17°10	2°41	15°R 5	16°32	19°29	24°22	F 24
S 25	8 48 22	13°22'31	19°40	14°25	24° 7	5°50	0°46	20° 0	12°11	17°12	2°42	15° 5	16°29	19°36	24°25	S 25
S 26	8 52 19	14°23'11	1♐57	13°15	25°22	6°15	0°48	20° 2	12°14	17°14	2°43	15° 3	16°26	19°43	24°28	S 26
M27	8 56 16	15°23'49	14° 0	12° 6	26°37	6°40	0°50	20° 5	12°17	17°16	2°44	15° 0	16°23	19°49	24°31	M27
T 28	9 0 12	16°24'26	25°56	10°57	27°52	7° 5	0°52	20° 7	12°20	17°18	2°45	14°56	16°20	19°56	24°34	T 28
W29	9 4 9	17°25'02	7♑47	9°53	29° 7	7°29	0°54	20° 9	12°23	17°20	2°46	14°51	16°17	20° 3	24°37	W29
T 30	9 8 5	18°25'37	19°37	8°52	0♓22	7°53	0°57	20°12	12°26	17°22	2°47	14°46	16°13	20°10	24°40	T 30
F 31	9 12 2	19♒26'09	1♒28	7♒58	1♓37	8♏17	0♊59	20♏14	12♓30	17♉24	2♈48	14♓42	16♓10	20♉16	24♓43	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	22s10	28s28	4s56	20s47	1s34	22s29	1s 7	7s56	1n47	19n49	0s39	15s20	2n10	8s 8	0s45	21s59	0n33	14s33	16s56	5s25	4s51	26s55	0n30	3n24
T 2	22 2	27 40	4 36	20 17	1 27	22 17	1 8	8 7	1 47	19 49	0 38	15 21	2 10	8 7	0 45	21 58	0 33	14 32	16 56	5 30	4 53	26 53	0 31	3 24
F 3	21 52	25 37	4 4	19 45	1 19	22 4	1 10	8 17	1 47	19 49	0 38	15 22	2 10	8 6	0 45	21 58	0 33	14 32	16 55	5 34	4 54	26 52	0 31	3 24
S 4	21 43	22 27	3 22	19 13	1 10	21 51	1 11	8 28	1 48	19 48	0 38	15 23	2 10	8 5	0 45	21 58	0 33	14 31	16 55	5 38	4 55	26 51	0 32	3 23
S 5	21 33	18 21	2 30	18 40	1 0	21 37	1 13	8 38	1 48	19 48	0 38	15 24	2 11	8 4	0 45	21 57	0 33	14 30	16 55	5 40	4 56	26 49	0 33	3 23
M 6	21 22	13 30	1 31	18 7	0 50	21 22	1 14	8 49	1 48	19 48	0 37	15 25	2 11	8 3	0 45	21 57	0 33	14 30	16 54	5 42	4 58	26 48	0 33	3 23
T 7	21 11	8 7	0 28	17 33	0 38	21 6	1 15	8 59	1 48	19 48	0 37	15 26	2 11	8 2	0 45	21 57	0 33	14 29	16 54	5 43	4 59	26 47	0 34	3 23
W 8	21 0	2 21	0n38	16 59	0 26	20 51	1 16	9 9	1 48	19 47	0 37	15 27	2 11	8 1	0 45	21 57	0 33	14 29	16 54	5 43	5 0	26 45	0 35	3 23
T 9	20 48	3n36	1 43	16 26	0 12	20 34	1 18	9 19	1 48	19 47	0 37	15 28	2 11	8 0	0 45	21 56	0 33	14 28	16 53	5 42	5 1	26 44	0 35	3 22
F 10	20 36	9 33	2 45	15 53	0n 2	20 17	1 19	9 29	1 48	19 47	0 37	15 29	2 11	7 59	0 45	21 56	0 33	14 28	16 53	5 42	5 3	26 43	0 36	3 22
S 11	20 24	15 15	3 40	15 21	0 17	19 59	1 20	9 39	1 49	19 47	0 36	15 30	2 12	7 58	0 45	21 56	0 33	14 27	16 53	5 42	5 4	26 41	0 37	3 22
S 12	20 11	20 25	4 25	14 51	0 32	19 41	1 21	9 49	1 49	19 47	0 36	15 30	2 12	7 57	0 45	21 56	0 33	14 26	16 52	5 42	5 5	26 40	0 38	3 22
M13	19 58	24 39	4 55	14 23	0 49	19 22	1 22	9 59	1 49	19 47	0 36	15 31	2 12	7 56	0 45	21 55	0 33	14 26	16 52	5 43	5 6	26 39	0 39	3 21
T 14	19 44	27 31	5 9	13 57	1 6	19 2	1 23	10 8	1 49	19 47	0 36	15 32	2 12	7 55	0 44	21 55	0 33	14 25	16 52	5 45	5 7	26 37	0 39	3 21
W15	19 30	28 32	5 2	13 34	1 23	18 42	1 23	10 18	1 49	19 47	0 35	15 33	2 12	7 54	0 44	21 55	0 33	14 25	16 51	5 47	5 9	26 36	0 40	3 21
T 16	19 16	27 28	4 35	13 13	1 40	18 22	1 24	10 27	1 49	19 48	0 35	15 34	2 12	7 52	0 44	21 55	0 33	14 24	16 51	5 50	5 10	26 34	0 41	3 21
F 17	19 1	24 21	3 47	12 57	1 58	18 1	1 25	10 37	1 49	19 48	0 35	15 34	2 13	7 51	0 44	21 54	0 33	14 23	16 51	5 52	5 11	26 33	0 42	3 21
S 18	18 46	19 32	2 44	12 44	2 15	17 39	1 26	10 46	1 49	19 48	0 35	15 35	2 13	7 50	0 44	21 54	0 33	14 23	16 50	5 54	5 12	26 32	0 43	3 20
S 19	18 31	13 32	1 30	12 35	2 31	17 17	1 26	10 55	1 49	19 48	0 34	15 36	2 13	7 49	0 44	21 54	0 33	14 22	16 50	5 55	5 14	26 30	0 44	3 20
M20	18 15	6 55	0 11	12 30	2 46	16 55	1 27	11 4	1 50	19 49	0 34	15 36	2 13	7 48	0 44	21 53	0 33	14 21	16 50	5 56	5 15	26 29	0 45	3 20
T 21	17 59	0 8	1s 6	12 30	3 1	16 32	1 27	11 13	1 50	19 49	0 34	15 37	2 13	7 47	0 44	21 53	0 33	14 21	16 49	5 55	5 16	26 27	0 45	3 20
W22	17 43	6s26	2 17	12 33	3 13	16 8	1 28	11 22	1 50	19 49	0 34	15 38	2 13	7 46	0 44	21 53	0 33	14 20	16 49	5 55	5 17	26 26	0 46	3 20
T 23	17 26	12 29	3 18	12 40	3 24	15 44	1 28	11 30	1 50	19 50	0 33	15 38	2 14	7 44	0 44	21 53	0 33	14 20	16 49	5 54	5 19	26 24	0 47	3 20
F 24	17 9	17 49	4 7	12 51	3 33	15 20	1 28	11 39	1 50	19 50	0 33	15 39	2 14	7 43	0 44	21 52	0 33	14 19	16 49	5 54	5 20	26 23	0 48	3 19
S 25	16 52	22 15	4 43	13 4	3 39	14 55	1 28	11 47	1 50	19 51	0 33	15 39	2 14	7 42	0 44	21 52	0 33	14 18	16 48	5 54	5 21	26 21	0 49	3 19
S 26	16 35	25 36	5 4	13 20	3 43	14 30	1 28	11 55	1 50	19 51	0 33	15 40	2 14	7 41	0 44	21 52	0 33	14 18	16 48	5 55	5 22	26 20	0 50	3 19
M27	16 17	27 44	5 12	13 38	3 44	14 4	1 28	12 4	1 50	19 52	0 33	15 40	2 14	7 40	0 44	21 52	0 33	14 17	16 48	5 56	5 24	26 18	0 51	3 19
T 28	15 59	28 35	5 7	13 58	3 44	13 39	1 28	12 12	1 50	19 53	0 32	15 41	2 15	7 38	0 44	21 51	0 33	14 16	16 48	5 57	5 25	26 17	0 52	3 19
W29	15 40	28 5	4 48	14 18	3 41	13 12	1 28	12 20	1 50	19 53	0 32	15 41	2 15	7 37	0 44	21 51	0 33	14 16	16 47	5 59	5 26	26 15	0 53	3 18
T 30	15 22	26 19	4 17	14 38	3 36	12 46	1 28	12 28	1 50	19 54	0 32	15 41	2 15	7 36	0 44	21 51	0 33	14 15	16 47	6 1	5 27	26 14	0 54	3 18
F 31	15s 3	23s24	3s35	14s59	3n29	12s19	1s28	12s35	1n50	19n55	0s32	15s42	2n15	7s35	0s44	21s51	0n33	14s14	16s47	6s 3	5s29	26s12	0n56	3n18

Julian Day Number = 2209397.5, Delta T = 09m28s
Ecliptic obliquity = 23°31'40, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°29'35, Lahiri = 14°36'35 Julian Calendar 1 Jan. 1337 == Greg. Calendar 9 Jan. 1337

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ASTRODIENST EPHEMERIS for the year 1337
geocentric

FEBRUARY 1337 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	9 15 58	20♒26'41	13♒23	7°R10	2♓52	8♏41	1♊ 2	20♏16	12♓33	17♑26	2♈50	14°R38	16♓ 7	20♑23	24♓46	S 1
S 2	9 19 55	21°27'11	25°22	6♒29	4° 7	9° 4	1° 5	20°17	12°36	17°28	2°51	14♓36	16° 4	20°30	24°50	S 2
M 3	9 23 51	22°27'39	7♓29	5°55	5°22	9°27	1° 9	20°19	12°39	17°30	2°52	14°34	16° 1	20°36	24°53	M 3
T 4	9 27 48	23°28'05	19°44	5°29	6°37	9°50	1°12	20°21	12°43	17°32	2°53	14°D34	15°57	20°43	24°56	T 4
W 5	9 31 45	24°28'30	2♈ 9	5°11	7°51	10°13	1°16	20°22	12°46	17°34	2°54	14°35	15°54	20°50	24°59	W 5
T 6	9 35 41	25°28'52	14°46	4°59	9° 6	10°35	1°20	20°24	12°49	17°36	2°55	14°36	15°51	20°56	25° 2	T 6
F 7	9 39 38	26°29'13	27°39	4°D55	10°21	10°57	1°24	20°25	12°53	17°37	2°57	14°38	15°48	21° 3	25° 6	F 7
S 8	9 43 34	27°29'32	10♉48	4°58	11°36	11°18	1°28	20°26	12°56	17°39	2°58	14°39	15°45	21°10	25° 9	S 8
S 9	9 47 31	28°29'49	24°16	5° 7	12°51	11°39	1°32	20°27	12°59	17°41	2°59	14°R40	15°42	21°17	25°12	S 9
M10	9 51 27	29°30'04	8♊ 5	5°22	14° 5	12° 0	1°37	20°28	13° 3	17°43	3° 0	14°40	15°38	21°23	25°16	M10
T 11	9 55 24	0♓30'16	22°15	5°42	15°20	12°20	1°42	20°29	13° 6	17°45	3° 1	14°39	15°35	21°30	25°19	T 11
W12	9 59 20	1°30'27	6♋44	6° 8	16°35	12°40	1°46	20°30	13° 9	17°47	3° 3	14°37	15°32	21°37	25°22	W12
T 13	10 3 17	2°30'35	21°28	6°38	17°49	13° 0	1°52	20°31	13°13	17°48	3° 4	14°36	15°29	21°43	25°26	T 13
F 14	10 7 14	3°30'42	6♌22	7°14	19° 4	13°19	1°57	20°32	13°16	17°50	3° 5	14°34	15°26	21°50	25°29	F 14
S 15	10 11 10	4°30'46	21°18	7°53	20°19	13°38	2° 2	20°32	13°20	17°52	3° 7	14°33	15°23	21°57	25°33	S 15
S 16	10 15 7	5°30'48	6♍ 8	8°37	21°33	13°57	2° 8	20°33	13°23	17°53	3° 8	14°33	15°19	22° 3	25°36	S 16
M17	10 19 3	6°30'48	20°44	9°24	22°48	14°15	2°14	20°33	13°26	17°55	3° 9	14°D33	15°16	22°10	25°40	M17
T 18	10 23 0	7°30'47	4♎59	10°14	24° 2	14°33	2°19	20°33	13°30	17°57	3°11	14°33	15°13	22°17	25°43	T 18
W19	10 26 56	8°30'44	18°51	11° 8	25°17	14°50	2°25	20°33	13°33	17°58	3°12	14°34	15°10	22°24	25°47	W19
T 20	10 30 53	9°30'38	2♏17	12° 5	26°31	15° 7	2°32	20°R33	13°37	18° 0	3°13	14°34	15° 7	22°30	25°50	T 20
F 21	10 34 49	10°30'32	15°19	13° 4	27°45	15°24	2°38	20°33	13°40	18° 2	3°15	14°35	15° 3	22°37	25°54	F 21
S 22	10 38 46	11°30'23	27°58	14° 6	29° 0	15°40	2°45	20°33	13°44	18° 3	3°16	14°35	15° 0	22°44	25°57	S 22
S 23	10 42 43	12°30'13	10♐19	15°11	0♈14	15°55	2°51	20°33	13°47	18° 5	3°17	14°R35	14°57	22°50	26° 1	S 23
M24	10 46 39	13°30'02	22°25	16°18	1°29	16°10	2°58	20°32	13°50	18° 6	3°19	14°35	14°54	22°57	26° 4	M24
T 25	10 50 36	14°29'48	4♑21	17°27	2°43	16°25	3° 5	20°32	13°54	18° 8	3°20	14°D35	14°51	23° 4	26° 8	T 25
W26	10 54 32	15°29'33	16°12	18°38	3°57	16°39	3°12	20°31	13°57	18° 9	3°21	14°35	14°48	23°10	26°11	W26
T 27	10 58 29	16°29'16	28° 2	19°52	5°11	16°52	3°20	20°31	14° 1	18°10	3°23	14°35	14°44	23°17	26°15	T 27
F 28	11 2 25	17♓28'57	9♒54	21♒ 7	6♈26	17♏ 5	3♊27	20♏30	14♓ 4	18♑12	3♈24	14♓36	14♓41	23♑24	26♓19	F 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14s44	19s28	2s43	15s19	3n21	11s51	1s28	12s43	1n50	19n56	0s31	15s42	2n15	7s33	0s44	21s50	0n33	14s14	16s47	6s 4	5s30	26s11	0n57	3n18
S 2	14 24	14 44	1 44	15 38	3 11	11 24	1 28	12 50	1 50	19 57	0 31	15 42	2 16	7 32	0 44	21 50	0 33	14 13	16 46	6 5	5 31	26 9	0 58	3 18
M 3	14 5	9 24	0 39	15 57	3 0	10 56	1 27	12 58	1 50	19 58	0 31	15 43	2 16	7 31	0 44	21 50	0 33	14 12	16 46	6 6	5 32	26 8	0 59	3 18
T 4	13 45	3 39	0n28	16 14	2 49	10 28	1 27	13 5	1 50	19 58	0 31	15 43	2 16	7 30	0 44	21 50	0 33	14 12	16 46	6 6	5 33	26 6	1 0	3 18
W 5	13 25	2n19	1 36	16 30	2 37	9 59	1 26	13 12	1 50	19 59	0 31	15 43	2 16	7 28	0 44	21 49	0 33	14 11	16 46	6 6	5 35	26 5	1 1	3 17
T 6	13 4	8 17	2 39	16 45	2 24	9 30	1 26	13 19	1 50	20 0	0 30	15 43	2 16	7 27	0 44	21 49	0 33	14 10	16 45	6 5	5 36	26 3	1 2	3 17
F 7	12 44	14 2	3 36	16 59	2 11	9 1	1 25	13 26	1 50	20 1	0 30	15 43	2 17	7 26	0 44	21 49	0 33	14 10	16 45	6 4	5 37	26 2	1 3	3 17
S 8	12 23	19 17	4 23	17 11	1 58	8 32	1 24	13 32	1 49	20 2	0 30	15 44	2 17	7 24	0 44	21 49	0 33	14 9	16 45	6 4	5 38	26 0	1 5	3 17
S 9	12 2	23 42	4 57	17 21	1 45	8 3	1 23	13 39	1 49	20 4	0 30	15 44	2 17	7 23	0 44	21 48	0 33	14 8	16 45	6 4	5 40	25 58	1 6	3 17
M10	11 41	26 54	5 14	17 31	1 32	7 33	1 22	13 46	1 49	20 5	0 30	15 44	2 17	7 22	0 44	21 48	0 33	14 8	16 45	6 4	5 41	25 57	1 7	3 17
T 11	11 20	28 31	5 13	17 38	1 19	7 3	1 22	13 52	1 49	20 6	0 29	15 44	2 17	7 20	0 44	21 48	0 33	14 7	16 44	6 4	5 42	25 55	1 8	3 17
W12	10 59	28 14	4 53	17 44	1 6	6 33	1 21	13 58	1 49	20 7	0 29	15 44	2 18	7 19	0 44	21 48	0 33	14 6	16 44	6 5	5 43	25 54	1 9	3 16
T 13	10 37	25 58	4 13	17 49	0 54	6 3	1 20	14 4	1 49	20 8	0 29	15 44	2 18	7 18	0 44	21 47	0 33	14 6	16 44	6 5	5 45	25 52	1 11	3 16
F 14	10 15	21 55	3 16	17 52	0 42	5 33	1 18	14 10	1 49	20 10	0 29	15 44	2 18	7 17	0 44	21 47	0 33	14 5	16 44	6 6	5 46	25 50	1 12	3 16
S 15	9 53	16 26	2 5	17 53	0 30	5 2	1 17	14 16	1 48	20 11	0 28	15 44	2 18	7 15	0 44	21 47	0 33	14 4	16 44	6 6	5 47	25 49	1 13	3 16
S 16	9 31	10 1	0 47	17 53	0 18	4 32	1 16	14 22	1 48	20 12	0 28	15 44	2 18	7 14	0 44	21 47	0 33	14 4	16 43	6 6	5 48	25 47	1 14	3 16
M17	9 9	3 10	0s34	17 52	0 7	4 1	1 15	14 27	1 48	20 13	0 28	15 44	2 18	7 13	0 44	21 46	0 33	14 3	16 43	6 6	5 50	25 46	1 16	3 16
T 18	8 47	3s41	1 51	17 49	0s 4	3 30	1 13	14 33	1 48	20 15	0 28	15 44	2 19	7 11	0 44	21 46	0 33	14 2	16 43	6 6	5 51	25 44	1 17	3 16
W19	8 25	10 10	2 59	17 44	0 15	2 59	1 12	14 38	1 47	20 16	0 28	15 43	2 19	7 10	0 44	21 46	0 33	14 2	16 43	6 6	5 52	25 42	1 18	3 16
T 20	8 2	15 59	3 55	17 38	0 25	2 28	1 10	14 43	1 47	20 18	0 27	15 43	2 19	7 9	0 44	21 46	0 33	14 1	16 43	6 6	5 53	25 41	1 20	3 15
F 21	7 39	20 54	4 37	17 30	0 35	1 57	1 9	14 49	1 47	20 19	0 27	15 43	2 19	7 7	0 44	21 46	0 33	14 0	16 43	6 6	5 54	25 39	1 21	3 15
S 22	7 16	24 43	5 4	17 22	0 44	1 26	1 7	14 54	1 46	20 21	0 27	15 43	2 19	7 6	0 44	21 45	0 33	14 0	16 43	6 6	5 56	25 37	1 22	3 15
S 23	6 54	27 18	5 16	17 11	0 53	0 55	1 6	14 58	1 46	20 22	0 27	15 42	2 20	7 5	0 44	21 45	0 33	13 59	16 42	6 5	5 57	25 36	1 24	3 15
M24	6 31	28 32	5 14	16 59	1 1	0 23	1 4	15 3	1 46	20 24	0 27	15 42	2 20	7 3	0 44	21 45	0 33	13 58	16 42	6 5	5 58	25 34	1 25	3 15
T 25	6 8	28 26	4 59	16 46	1 10	0n 8	1 2	15 8	1 45	20 25	0 27	15 42	2 20	7 2	0 44	21 45	0 33	13 58	16 42	6 5	5 59	25 32	1 26	3 15
W26	5 44	27 1	4 30	16 31	1 17	0 39	1 0	15 12	1 45	20 27	0 26	15 42	2 20	7 1	0 44	21 45	0 33	13 57	16 42	6 5	6 1	25 30	1 28	3 15
T 27	5 21	24 24	3 51	16 15	1 25	1 10	0 59	15 16	1 44	20 28	0 26	15 41	2 20	6 59	0 44	21 44	0 33	13 56	16 42	6 5	6 2	25 29	1 29	3 15
F 28	4s58	20s44	3s 1	15s57	1s31	1n42	0s57	15s20	1n44	20n30	0s26	15s41	2n21	6s58	0s44	21s44	0n33	13s56	16s42	6s 5	6s 3	25s27	1n30	3n15

Julian Day Number = 2209428.5, Delta T = 09m28s
Ecliptic obliquity = 23°31'40, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°29'39, Lahiri = 14°36'39 Julian Calendar 1 Feb. 1337 == Greg. Calendar 9 Feb. 1337

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ASTRODIENST EPHEMERIS for the year 1337
geocentric

MARCH 1337 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	11 6 22	18♓28'36	21♒54	22♒24	7♈40	17♏18	3♊35	20°R29	14♓ 8	18♑13	3♈26	14♓36	14♓38	23♑30	26♓22	S 1
S 2	11 10 18	19°28'13	4♓ 1	23°43	8°54	17°30	3°42	20♏28	14°11	18°15	3°27	14°36	14°35	23°37	26°26	S 2
M 3	11 14 15	20°27'48	16°20	25° 3	10° 8	17°41	3°50	20°27	14°14	18°16	3°28	14°R36	14°32	23°44	26°29	M 3
T 4	11 18 11	21°27'21	28°52	26°25	11°22	17°52	3°58	20°26	14°18	18°17	3°30	14°36	14°28	23°51	26°33	T 4
W 5	11 22 8	22°26'52	11♈36	27°49	12°36	18° 2	4° 6	20°24	14°21	18°18	3°31	14°35	14°25	23°57	26°37	W 5
T 6	11 26 5	23°26'21	24°34	29°14	13°50	18°12	4°15	20°23	14°25	18°20	3°33	14°34	14°22	24° 4	26°40	T 6
F 7	11 30 1	24°25'48	7♉46	0♓41	15° 4	18°21	4°23	20°21	14°28	18°21	3°34	14°33	14°19	24°11	26°44	F 7
S 8	11 33 58	25°25'13	21°12	2° 9	16°18	18°30	4°32	20°20	14°32	18°22	3°36	14°32	14°16	24°17	26°48	S 8
S 9	11 37 54	26°24'35	4♊51	3°39	17°32	18°38	4°40	20°18	14°35	18°23	3°37	14°31	14°13	24°24	26°51	S 9
M10	11 41 51	27°23'55	18°43	5°10	18°46	18°45	4°49	20°17	14°38	18°24	3°38	14°30	14° 9	24°31	26°55	M10
T 11	11 45 47	28°23'12	2♋46	6°43	20° 0	18°52	4°58	20°15	14°42	18°25	3°40	14°D30	14° 6	24°37	26°58	T 11
W12	11 49 44	29°22'28	17° 0	8°17	21°13	18°58	5° 7	20°13	14°45	18°26	3°41	14°31	14° 3	24°44	27° 2	W12
T 13	11 53 40	0♈21'40	1♌22	9°52	22°27	19° 3	5°16	20°11	14°48	18°27	3°43	14°32	14° 0	24°51	27° 6	T 13
F 14	11 57 37	1°20'51	15°49	11°29	23°41	19° 8	5°26	20° 9	14°52	18°28	3°44	14°33	13°57	24°57	27° 9	F 14
S 15	12 1 34	2°19'59	0♍17	13° 7	24°55	19°12	5°35	20° 6	14°55	18°29	3°46	14°34	13°54	25° 4	27°13	S 15
S 16	12 5 30	3°19'05	14°42	14°47	26° 8	19°15	5°44	20° 4	14°58	18°30	3°47	14°R34	13°50	25°11	27°17	S 16
M17	12 9 27	4°18'08	28°57	16°28	27°22	19°17	5°54	20° 2	15° 2	18°31	3°49	14°34	13°47	25°18	27°20	M17
T 18	12 13 23	5°17'10	12♎59	18°11	28°35	19°19	6° 4	19°59	15° 5	18°32	3°50	14°32	13°44	25°24	27°24	T 18
W19	12 17 20	6°16'09	26°43	19°55	29°49	19°21	6°14	19°57	15° 8	18°33	3°52	14°30	13°41	25°31	27°27	W19
T 20	12 21 16	7°15'07	10♏ 7	21°40	1♉ 2	19°R21	6°24	19°54	15°11	18°33	3°53	14°26	13°38	25°38	27°31	T 20
F 21	12 25 13	8°14'02	23° 9	23°27	2°16	19°21	6°34	19°51	15°15	18°34	3°54	14°23	13°34	25°44	27°35	F 21
S 22	12 29 9	9°12'56	5♐51	25°16	3°29	19°20	6°44	19°49	15°18	18°35	3°56	14°19	13°31	25°51	27°38	S 22
S 23	12 33 6	10°11'48	18°15	27° 6	4°42	19°18	6°54	19°46	15°21	18°36	3°57	14°16	13°28	25°58	27°42	S 23
M24	12 37 3	11°10'39	0♑23	28°57	5°56	19°16	7° 4	19°43	15°24	18°36	3°59	14°15	13°25	26° 4	27°45	M24
T 25	12 40 59	12° 9'27	12°21	0♈50	7° 9	19°12	7°15	19°40	15°27	18°37	4° 0	14°D14	13°22	26°11	27°49	T 25
W26	12 44 56	13° 8'14	24°13	2°45	8°22	19° 8	7°25	19°37	15°31	18°38	4° 2	14°15	13°19	26°18	27°52	W26
T 27	12 48 52	14° 6'59	6♒ 4	4°41	9°35	19° 4	7°36	19°34	15°34	18°38	4° 3	14°16	13°15	26°24	27°56	T 27
F 28	12 52 49	15° 5'43	17°58	6°38	10°48	18°58	7°47	19°30	15°37	18°39	4° 5	14°18	13°12	26°31	27°59	F 28
S 29	12 56 45	16° 4'24	0♓ 1	8°37	12° 1	18°52	7°58	19°27	15°40	18°39	4° 6	14°19	13° 9	26°38	28° 3	S 29
S 30	13 0 42	17° 3'04	12°15	10°37	13°14	18°44	8° 9	19°24	15°43	18°40	4° 7	14°R20	13° 6	26°44	28° 6	S 30
M31	13 4 38	18♈ 1'42	24♓45	12♈39	14♉27	18♏37	8♊20	19♏20	15♓46	18♑40	4♈ 9	14♓20	13♓ 3	26♑51	28♓10	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	4s34	16s12	2s 3	15s38	1s38	2n13	0s55	15s24	1n43	20n31	0s26	15s40	2n21	6s57	0s44	21s44	0n33	13s55	16s42	6s 5	6s 4	25s25	1n32	3n15
S 2	4 11	10 59	0 58	15 18	1 44	2 44	0 53	15 28	1 43	20 33	0 26	15 40	2 21	6 55	0 44	21 44	0 33	13 55	16 42	6 5	6 6	25 24	1 33	3 15
M 3	3 48	5 16	0n10	14 56	1 49	3 15	0 51	15 32	1 42	20 35	0 25	15 40	2 21	6 54	0 44	21 44	0 33	13 54	16 42	6 5	6 7	25 22	1 34	3 14
T 4	3 24	0n44	1 18	14 33	1 55	3 46	0 49	15 35	1 42	20 36	0 25	15 39	2 21	6 53	0 44	21 43	0 33	13 53	16 42	6 5	6 8	25 20	1 36	3 14
W 5	3 0	6 49	2 24	14 9	1 59	4 17	0 46	15 39	1 41	20 38	0 25	15 39	2 21	6 51	0 44	21 43	0 33	13 53	16 41	6 5	6 9	25 18	1 37	3 14
T 6	2 37	12 43	3 24	13 43	2 4	4 48	0 44	15 42	1 41	20 40	0 25	15 38	2 22	6 50	0 44	21 43	0 33	13 52	16 41	6 6	6 10	25 17	1 38	3 14
F 7	2 13	18 9	4 14	13 15	2 7	5 19	0 42	15 45	1 40	20 42	0 25	15 37	2 22	6 49	0 44	21 43	0 33	13 51	16 41	6 6	6 12	25 15	1 40	3 14
S 8	1 50	22 48	4 51	12 47	2 11	5 49	0 40	15 48	1 39	20 43	0 25	15 37	2 22	6 47	0 44	21 43	0 33	13 51	16 41	6 7	6 13	25 13	1 41	3 14
S 9	1 26	26 17	5 12	12 17	2 14	6 20	0 37	15 51	1 39	20 45	0 24	15 36	2 22	6 46	0 44	21 43	0 33	13 50	16 41	6 7	6 14	25 11	1 43	3 14
M10	1 2	28 17	5 16	11 46	2 16	6 50	0 35	15 54	1 38	20 47	0 24	15 36	2 22	6 45	0 44	21 42	0 33	13 50	16 41	6 7	6 15	25 10	1 44	3 14
T 11	0 39	28 30	5 0	11 13	2 18	7 21	0 33	15 56	1 37	20 49	0 24	15 35	2 22	6 44	0 44	21 42	0 33	13 49	16 41	6 7	6 17	25 8	1 45	3 14
W12	0 15	26 51	4 27	10 39	2 20	7 51	0 30	15 59	1 36	20 50	0 24	15 34	2 23	6 42	0 44	21 42	0 33	13 48	16 41	6 7	6 18	25 6	1 47	3 14
T 13	0n 9	23 27	3 37	10 4	2 21	8 21	0 28	16 1	1 35	20 52	0 24	15 34	2 23	6 41	0 44	21 42	0 33	13 48	16 41	6 7	6 19	25 4	1 48	3 14
F 14	0 32	18 34	2 32	9 28	2 21	8 50	0 25	16 3	1 34	20 54	0 23	15 33	2 23	6 40	0 44	21 42	0 33	13 47	16 41	6 6	6 20	25 2	1 50	3 14
S 15	0 56	12 38	1 18	8 50	2 22	9 20	0 23	16 5	1 33	20 56	0 23	15 32	2 23	6 38	0 44	21 42	0 33	13 47	16 41	6 6	6 22	25 1	1 51	3 14
S 16	1 19	6 2	0s 1	8 11	2 21	9 49	0 20	16 7	1 32	20 58	0 23	15 31	2 23	6 37	0 44	21 42	0 33	13 46	16 41	6 6	6 23	24 59	1 52	3 14
M17	1 43	0s47	1 19	7 31	2 20	10 18	0 17	16 9	1 31	21 0	0 23	15 31	2 23	6 36	0 44	21 41	0 33	13 45	16 41	6 6	6 24	24 57	1 54	3 14
T 18	2 6	7 27	2 30	6 49	2 19	10 47	0 15	16 10	1 30	21 1	0 23	15 30	2 24	6 35	0 44	21 41	0 33	13 45	16 41	6 7	6 25	24 55	1 55	3 14
W19	2 30	13 37	3 32	6 7	2 17	11 15	0 12	16 12	1 29	21 3	0 23	15 29	2 24	6 33	0 44	21 41	0 33	13 44	16 41	6 8	6 26	24 53	1 57	3 14
T 20	2 53	19 0	4 20	5 23	2 15	11 44	0 9	16 13	1 28	21 5	0 22	15 28	2 24	6 32	0 44	21 41	0 33	13 44	16 41	6 9	6 28	24 51	1 58	3 14
F 21	3 17	23 21	4 53	4 38	2 12	12 12	0 7	16 14	1 27	21 7	0 22	15 27	2 24	6 31	0 44	21 41	0 33	13 43	16 41	6 10	6 29	24 50	1 59	3 13
S 22	3 40	26 27	5 11	3 51	2 9	12 40	0 4	16 15	1 26	21 9	0 22	15 27	2 24	6 30	0 44	21 41	0 33	13 43	16 41	6 12	6 30	24 48	2 1	3 13
S 23	4 3	28 12	5 13	3 4	2 5	13 7	0 1	16 16	1 24	21 11	0 22	15 26	2 24	6 28	0 44	21 41	0 33	13 42	16 41	6 13	6 31	24 46	2 2	3 13
M24	4 26	28 33	5 2	2 15	2 0	13 34	0n 1	16 17	1 23	21 13	0 22	15 25	2 24	6 27	0 44	21 41	0 33	13 42	16 41	6 13	6 33	24 44	2 4	3 13
T 25	4 49	27 33	4 37	1 26	1 55	14 1	0 4	16 17	1 22	21 15	0 22	15 24	2 24	6 26	0 44	21 41	0 33	13 41	16 41	6 14	6 34	24 42	2 5	3 13
W26	5 12	25 18	4 1	0 35	1 50	14 27	0 7	16 17	1 20	21 17	0 22	15 23	2 25	6 25	0 44	21 41	0 33	13 41	16 41	6 13	6 35	24 40	2 6	3 13
T 27	5 35	21 58	3 14	0n16	1 44	14 54	0 10	16 17	1 19	21 18	0 21	15 22	2 25	6 23	0 44	21 40	0 33	13 40	16 41	6 13	6 36	24 38	2 8	3 13
F 28	5 58	17 43	2 19	1 9	1 38	15 19	0 13	16 17	1 17	21 20	0 21	15 21	2 25	6 22	0 44	21 40	0 33	13 40	16 41	6 12	6 37	24 36	2 9	3 13
S 29	6 21	12 43	1 18	2 2	1 31	15 45	0 15	16 17	1 16	21 22	0 21	15 20	2 25	6 21	0 44	21 40	0 33	13 39	16 42	6 12	6 39	24 34	2 11	3 13
S 30	6 43	7 10	0 11	2 56	1 23	16 10	0 18	16 17	1 14	21 24	0 21	15 19	2 25	6 20	0 44	21 40	0 33	13 39	16 42	6 11	6 40	24 33	2 12	3 13
M31	7n 6	1s13	0n57	3n51	1s15	16n34	0n21	16s16	1n12	21n26	0s21	15s18	2n25	6s19	0s44	21s40	0n33	13s38	16s42	6s11	6s41	24s31	2n13	3n13

Julian Day Number = 2209456.5, Delta T = 09m28s
Ecliptic obliquity = 23°31'41, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°29'43, Lahiri = 14°36'43 Julian Calendar 1 March 1337 == Greg. Calendar 9 March 1337

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ASTRODIENST EPHEMERIS for the year 1337
geocentric

APRIL 1337 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	13 8 35	19♈ 0'18	7♈33	14♈42	15♉40	18°R28	8♊31	19°R17	15♓49	18♑40	4♈10	14°R18	13♓ 0	26♑58	28♓13	T 1
W 2	13 12 32	19°58'52	20°38	16°46	16°53	18♏18	8°42	19♏13	15°52	18°41	4°12	14♓14	12°56	27° 5	28°17	W 2
T 3	13 16 28	20°57'24	4♉ 0	18°51	18° 6	18° 8	8°53	19°10	15°55	18°41	4°13	14° 9	12°53	27°11	28°20	T 3
F 4	13 20 25	21°55'54	17°39	20°58	19°19	17°57	9° 4	19° 6	15°58	18°41	4°14	14° 3	12°50	27°18	28°24	F 4
S 5	13 24 21	22°54'23	1♊29	23° 5	20°32	17°46	9°16	19° 2	16° 1	18°42	4°16	13°56	12°47	27°25	28°27	S 5
S 6	13 28 18	23°52'49	15°30	25°13	21°44	17°33	9°27	18°58	16° 4	18°42	4°17	13°51	12°44	27°31	28°30	S 6
M 7	13 32 14	24°51'13	29°36	27°21	22°57	17°20	9°39	18°55	16° 7	18°42	4°19	13°47	12°40	27°38	28°34	M 7
T 8	13 36 11	25°49'35	13♋46	29°30	24°10	17° 6	9°51	18°51	16° 9	18°42	4°20	13°45	12°37	27°45	28°37	T 8
W 9	13 40 7	26°47'55	27°56	1♉38	25°22	16°52	10° 2	18°47	16°12	18°42	4°21	13°D44	12°34	27°51	28°40	W 9
T 10	13 44 4	27°46'13	12♌ 6	3°47	26°35	16°37	10°14	18°43	16°15	18°43	4°23	13°45	12°31	27°58	28°44	T 10
F 11	13 48 1	28°44'28	26°13	5°54	27°47	16°21	10°26	18°39	16°18	18°43	4°24	13°46	12°28	28° 5	28°47	F 11
S 12	13 51 57	29°42'42	10♍16	8° 1	29° 0	16° 5	10°38	18°35	16°20	18°43	4°25	13°R47	12°25	28°11	28°50	S 12
S 13	13 55 54	0♉40'53	24°12	10° 6	0♊12	15°48	10°50	18°31	16°23	18°R43	4°27	13°46	12°21	28°18	28°53	S 13
M14	13 59 50	1°39'02	8♎ 1	12°10	1°24	15°30	11° 2	18°26	16°26	18°43	4°28	13°44	12°18	28°25	28°57	M14
T 15	14 3 47	2°37'10	21°40	14°13	2°36	15°12	11°14	18°22	16°28	18°43	4°29	13°39	12°15	28°31	29° 0	T 15
W16	14 7 43	3°35'15	5♏ 5	16°13	3°49	14°54	11°26	18°18	16°31	18°43	4°31	13°33	12°12	28°38	29° 3	W16
T 17	14 11 40	4°33'20	18°16	18°11	5° 1	14°35	11°39	18°14	16°34	18°42	4°32	13°24	12° 9	28°45	29° 6	T 17
F 18	14 15 36	5°31'22	1♐10	20° 6	6°13	14°16	11°51	18° 9	16°36	18°42	4°33	13°15	12° 6	28°51	29° 9	F 18
S 19	14 19 33	6°29'23	13°47	21°59	7°25	13°56	12° 3	18° 5	16°39	18°42	4°34	13° 6	12° 2	28°58	29°12	S 19
S 20	14 23 30	7°27'23	26° 8	23°48	8°37	13°36	12°16	18° 1	16°41	18°42	4°36	12°58	11°59	29° 5	29°15	S 20
M21	14 27 26	8°25'21	8♑16	25°35	9°49	13°15	12°28	17°56	16°43	18°42	4°37	12°52	11°56	29°11	29°18	M21
T 22	14 31 23	9°23'18	20°14	27°18	11° 0	12°54	12°41	17°52	16°46	18°41	4°38	12°48	11°53	29°18	29°21	T 22
W23	14 35 19	10°21'13	2♒ 5	28°58	12°12	12°33	12°53	17°48	16°48	18°41	4°39	12°45	11°50	29°25	29°24	W23
T 24	14 39 16	11°19'07	13°56	0♊34	13°24	12°12	13° 6	17°43	16°51	18°41	4°41	12°D45	11°46	29°32	29°27	T 24
F 25	14 43 12	12°17'00	25°50	2° 7	14°35	11°51	13°19	17°39	16°53	18°40	4°42	12°46	11°43	29°38	29°30	F 25
S 26	14 47 9	13°14'51	7♓54	3°36	15°47	11°29	13°32	17°34	16°55	18°40	4°43	12°R46	11°40	29°45	29°33	S 26
S 27	14 51 5	14°12'42	20°12	5° 2	16°59	11° 8	13°44	17°30	16°57	18°39	4°44	12°46	11°37	29°52	29°35	S 27
M28	14 55 2	15°10'31	2♈49	6°24	18°10	10°46	13°57	17°25	17° 0	18°39	4°45	12°44	11°34	29°58	29°38	M28
T 29	14 58 59	16° 8'18	15°47	7°42	19°21	10°25	14°10	17°21	17° 2	18°38	4°47	12°40	11°31	0♒ 5	29°41	T 29
W30	15 2 55	17♉ 6'05	29♈ 8	8♊57	20♊33	10♏ 3	14♊23	17♏17	17♓ 4	18♑38	4♈48	12♓33	11♓27	0♒12	29♓44	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	7n28	4n53	2n 3	4n47	1s 7	16n58	0n24	16s16	1n10	21n28	0s21	15s17	2n25	6s18	0s44	21s40	0n34	13s38	16s42	6s12	6s42	24s29	2n15	3n13
W 2	7 50	10 56	3 5	5 43	0 58	17 22	0 27	16 15	1 9	21 30	0 21	15 16	2 25	6 16	0 44	21 40	0 34	13 37	16 42	6 14	6 44	24 27	2 16	3 13
T 3	8 13	16 37	3 58	6 39	0 49	17 46	0 30	16 14	1 7	21 32	0 20	15 15	2 25	6 15	0 44	21 40	0 34	13 37	16 42	6 16	6 45	24 25	2 17	3 13
F 4	8 34	21 36	4 38	7 36	0 40	18 8	0 32	16 12	1 5	21 34	0 20	15 14	2 26	6 14	0 44	21 40	0 34	13 36	16 42	6 18	6 46	24 23	2 19	3 13
S 5	8 56	25 28	5 3	8 33	0 30	18 31	0 35	16 11	1 3	21 35	0 20	15 13	2 26	6 13	0 44	21 40	0 34	13 36	16 42	6 20	6 47	24 21	2 20	3 13
S 6	9 18	27 52	5 10	9 29	0 19	18 53	0 38	16 10	1 1	21 37	0 20	15 12	2 26	6 12	0 44	21 40	0 34	13 35	16 42	6 23	6 48	24 19	2 22	3 13
M 7	9 40	28 30	4 58	10 26	0 9	19 14	0 41	16 8	0 59	21 39	0 20	15 10	2 26	6 11	0 44	21 40	0 34	13 35	16 42	6 24	6 50	24 17	2 23	3 13
T 8	10 1	27 16	4 29	11 22	0n 2	19 35	0 44	16 6	0 57	21 41	0 20	15 9	2 26	6 10	0 44	21 40	0 34	13 35	16 43	6 25	6 51	24 15	2 24	3 13
W 9	10 22	24 17	3 42	12 17	0 12	19 56	0 46	16 4	0 54	21 43	0 20	15 8	2 26	6 9	0 44	21 40	0 34	13 34	16 43	6 25	6 52	24 13	2 26	3 13
T 10	10 43	19 50	2 43	13 11	0 23	20 16	0 49	16 2	0 52	21 45	0 19	15 7	2 26	6 8	0 44	21 40	0 34	13 34	16 43	6 25	6 53	24 11	2 27	3 13
F 11	11 4	14 18	1 34	14 4	0 34	20 35	0 52	16 0	0 50	21 47	0 19	15 6	2 26	6 7	0 44	21 40	0 34	13 33	16 43	6 25	6 55	24 9	2 28	3 13
S 12	11 25	8 3	0 19	14 56	0 45	20 54	0 55	15 57	0 48	21 49	0 19	15 5	2 26	6 6	0 45	21 40	0 34	13 33	16 43	6 24	6 56	24 7	2 30	3 13
S 13	11 45	1 27	0s56	15 46	0 55	21 12	0 57	15 55	0 45	21 50	0 19	15 4	2 26	6 5	0 45	21 40	0 34	13 33	16 43	6 24	6 57	24 5	2 31	3 14
M14	12 5	5s 8	2 7	16 35	1 5	21 30	1 0	15 52	0 43	21 52	0 19	15 2	2 26	6 4	0 45	21 40	0 34	13 32	16 43	6 25	6 58	24 3	2 32	3 14
T 15	12 26	11 24	3 10	17 21	1 15	21 47	1 3	15 49	0 40	21 54	0 19	15 1	2 26	6 3	0 45	21 40	0 34	13 32	16 44	6 27	6 59	24 1	2 33	3 14
W16	12 45	17 2	4 0	18 6	1 25	22 4	1 5	15 46	0 38	21 56	0 19	15 0	2 26	6 2	0 45	21 40	0 34	13 31	16 44	6 30	7 1	23 59	2 35	3 14
T 17	13 5	21 46	4 37	18 48	1 34	22 20	1 8	15 43	0 35	21 58	0 18	14 59	2 26	6 1	0 45	21 40	0 34	13 31	16 44	6 33	7 2	23 57	2 36	3 14
F 18	13 25	25 21	4 59	19 28	1 42	22 35	1 11	15 40	0 32	21 59	0 18	14 58	2 26	6 0	0 45	21 40	0 34	13 31	16 44	6 36	7 3	23 55	2 37	3 14
S 19	13 44	27 36	5 6	20 6	1 50	22 50	1 13	15 36	0 30	22 1	0 18	14 56	2 26	5 59	0 45	21 40	0 34	13 30	16 44	6 40	7 4	23 53	2 38	3 14
S 20	14 3	28 26	4 58	20 41	1 57	23 4	1 16	15 33	0 27	22 3	0 18	14 55	2 26	5 58	0 45	21 40	0 34	13 30	16 44	6 43	7 5	23 51	2 40	3 14
M21	14 22	27 52	4 37	21 14	2 4	23 17	1 18	15 29	0 24	22 5	0 18	14 54	2 26	5 57	0 45	21 40	0 34	13 30	16 45	6 45	7 7	23 49	2 41	3 14
T 22	14 40	26 1	4 4	21 44	2 9	23 30	1 21	15 26	0 22	22 6	0 18	14 53	2 26	5 56	0 45	21 40	0 34	13 29	16 45	6 47	7 8	23 47	2 42	3 14
W23	14 59	23 1	3 20	22 11	2 14	23 43	1 23	15 22	0 19	22 8	0 18	14 52	2 26	5 55	0 45	21 40	0 34	13 29	16 45	6 48	7 9	23 45	2 43	3 14
T 24	15 17	19 4	2 28	22 36	2 19	23 54	1 25	15 18	0 16	22 10	0 18	14 50	2 26	5 54	0 45	21 40	0 34	13 29	16 45	6 48	7 10	23 43	2 45	3 14
F 25	15 35	14 21	1 29	22 59	2 22	24 5	1 28	15 14	0 13	22 12	0 17	14 49	2 26	5 53	0 45	21 40	0 34	13 29	16 45	6 48	7 12	23 41	2 46	3 14
S 26	15 52	9 2	0 26	23 19	2 25	24 15	1 30	15 10	0 10	22 13	0 17	14 48	2 26	5 52	0 45	21 40	0 34	13 28	16 46	6 47	7 13	23 39	2 47	3 14
S 27	16 10	3 17	0n40	23 37	2 27	24 25	1 32	15 6	0 7	22 15	0 17	14 47	2 26	5 52	0 45	21 40	0 34	13 28	16 46	6 47	7 14	23 36	2 48	3 14
M28	16 27	2n43	1 45	23 53	2 27	24 34	1 34	15 2	0 4	22 17	0 17	14 45	2 26	5 51	0 45	21 40	0 34	13 28	16 46	6 48	7 15	23 34	2 49	3 14
T 29	16 44	8 47	2 46	24 6	2 27	24 42	1 36	14 58	0 2	22 18	0 17	14 44	2 26	5 50	0 45	21 40	0 34	13 28	16 46	6 50	7 16	23 32	2 51	3 14
W30	17n 0	14n38	3n41	24n17	2n26	24n50	1n38	14s54	0s 1	22n20	0s17	14s43	2n26	5s49	0s45	21s40	0n34	13s27	16s47	6s52	7s18	23s30	2n52	3n14

Julian Day Number = 2209487.5, Delta T = 09m28s
Ecliptic obliquity = 23°31'40, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°29'47, Lahiri = 14°36'47 Julian Calendar 1 Apr. 1337 == Greg. Calendar 9 Apr. 1337

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ASTRODIENST EPHEMERIS for the year 1337
geocentric

MAY 1337 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	15 6 52	18♉ 3'50	12♉52	10♊ 7	21♊44	9°R42	14♊36	17°R12	17♓ 6	18°R37	4♈49	12°R25	11♓24	0♒18	29♓46	T 1
F 2	15 10 48	19° 1'34	26°55	11°14	22°55	9♏21	14°49	17♏ 8	17° 8	18♑37	4°50	12♓15	11°21	0°25	29°49	F 2
S 3	15 14 45	19°59'16	11♊13	12°17	24° 6	9° 0	15° 2	17° 3	17°10	18°36	4°51	12° 4	11°18	0°32	29°52	S 3
S 4	15 18 41	20°56'58	25°40	13°15	25°18	8°39	15°15	16°59	17°12	18°35	4°52	11°55	11°15	0°38	29°54	S 4
M 5	15 22 38	21°54'37	10♋ 9	14°10	26°29	8°19	15°28	16°54	17°14	18°35	4°53	11°47	11°11	0°45	29°57	M 5
T 6	15 26 34	22°52'16	24°36	15° 0	27°40	7°58	15°42	16°50	17°16	18°34	4°54	11°42	11° 8	0°52	29°59	T 6
W 7	15 30 31	23°49'52	8♌55	15°46	28°50	7°39	15°55	16°45	17°17	18°33	4°55	11°39	11° 5	0°58	0♈ 2	W 7
T 8	15 34 28	24°47'27	23° 4	16°28	0♍ 1	7°20	16° 8	16°41	17°19	18°33	4°56	11°D39	11° 2	1° 5	0° 4	T 8
F 9	15 38 24	25°45'01	7♍ 2	17° 5	1°12	7° 1	16°21	16°37	17°21	18°32	4°57	11°R39	10°59	1°12	0° 6	F 9
S 10	15 42 21	26°42'33	20°49	17°38	2°23	6°43	16°35	16°32	17°23	18°31	4°58	11°38	10°56	1°18	0° 9	S 10
S 11	15 46 17	27°40'03	4♎25	18° 6	3°33	6°25	16°48	16°28	17°24	18°30	4°59	11°37	10°52	1°25	0°11	S 11
M12	15 50 14	28°37'32	17°51	18°30	4°44	6° 8	17° 1	16°23	17°26	18°29	5° 0	11°33	10°49	1°32	0°13	M12
T 13	15 54 10	29°35'00	1♏ 5	18°49	5°54	5°51	17°15	16°19	17°27	18°28	5° 1	11°26	10°46	1°38	0°16	T 13
W14	15 58 7	0♊32'27	14° 9	19° 3	7° 4	5°35	17°28	16°15	17°29	18°27	5° 2	11°16	10°43	1°45	0°18	W14
T 15	16 2 3	1°29'53	27° 0	19°13	8°14	5°20	17°41	16°11	17°30	18°26	5° 3	11° 4	10°40	1°52	0°20	T 15
F 16	16 6 0	2°27'18	9♐39	19°18	9°25	5° 6	17°55	16° 6	17°32	18°25	5° 4	10°52	10°37	1°58	0°22	F 16
S 17	16 9 57	3°24'42	22° 6	19°R18	10°35	4°52	18° 8	16° 2	17°33	18°24	5° 5	10°39	10°33	2° 5	0°24	S 17
S 18	16 13 53	4°22'05	4♑19	19°14	11°45	4°39	18°22	15°58	17°35	18°23	5° 5	10°27	10°30	2°12	0°26	S 18
M19	16 17 50	5°19'27	16°23	19° 6	12°54	4°26	18°35	15°54	17°36	18°22	5° 6	10°17	10°27	2°18	0°28	M19
T 20	16 21 46	6°16'49	28°17	18°53	14° 4	4°15	18°49	15°50	17°37	18°21	5° 7	10°10	10°24	2°25	0°30	T 20
W21	16 25 43	7°14'10	10♒ 7	18°37	15°14	4° 4	19° 3	15°46	17°38	18°20	5° 8	10° 6	10°21	2°32	0°32	W21
T 22	16 29 39	8°11'30	21°56	18°17	16°24	3°54	19°16	15°42	17°40	18°19	5° 9	10° 4	10°17	2°39	0°34	T 22
F 23	16 33 36	9° 8'50	3♓50	17°53	17°33	3°44	19°30	15°38	17°41	18°18	5° 9	10° 3	10°14	2°45	0°35	F 23
S 24	16 37 32	10° 6'09	15°52	17°27	18°42	3°36	19°43	15°34	17°42	18°17	5°10	10° 3	10°11	2°52	0°37	S 24
S 25	16 41 29	11° 3'28	28°10	16°58	19°52	3°28	19°57	15°30	17°43	18°16	5°11	10° 2	10° 8	2°59	0°39	S 25
M26	16 45 26	12° 0'46	10♈48	16°27	21° 1	3°21	20°11	15°27	17°44	18°14	5°12	10° 0	10° 5	3° 5	0°40	M26
T 27	16 49 22	12°58'04	23°50	15°54	22°10	3°15	20°24	15°23	17°45	18°13	5°12	9°56	10° 2	3°12	0°42	T 27
W28	16 53 19	13°55'21	7♉18	15°21	23°19	3°10	20°38	15°19	17°46	18°12	5°13	9°49	9°58	3°19	0°44	W28
T 29	16 57 15	14°52'39	21°14	14°47	24°28	3° 5	20°52	15°16	17°46	18°11	5°14	9°40	9°55	3°25	0°45	T 29
F 30	17 1 12	15°49'55	5♊34	14°13	25°37	3° 2	21° 5	15°12	17°47	18° 9	5°14	9°29	9°52	3°32	0°46	F 30
S 31	17 5 8	16♊47'12	20♊13	13♊40	26♋46	2♏59	21♊19	15♏ 9	17♓48	18♑ 8	5♈15	9♓17	9♓49	3♒39	0♈48	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17n16	19n56	4n24	24n26	2n25	24n56	1n40	14s50	0s 4	22n22	0s17	14s42	2n26	5s48	0s45	21s40	0n34	13s27	16s47	6s56	7s19	23s28	2n53	3n14
F 2	17 32	24 16	4 52	24 33	2 22	25 2	1 42	14 46	0 7	22 23	0 17	14 41	2 26	5 48	0 45	21 40	0 34	13 27	16 47	7 0	7 20	23 26	2 54	3 14
S 3	17 48	27 12	5 2	24 38	2 18	25 8	1 44	14 43	0 10	22 25	0 16	14 39	2 26	5 47	0 45	21 40	0 34	13 27	16 47	7 4	7 21	23 24	2 55	3 15
S 4	18 4	28 21	4 54	24 41	2 14	25 13	1 46	14 39	0 13	22 26	0 16	14 38	2 26	5 46	0 45	21 41	0 34	13 27	16 48	7 7	7 22	23 22	2 56	3 15
M 5	18 19	27 34	4 27	24 42	2 8	25 17	1 48	14 35	0 16	22 28	0 16	14 37	2 26	5 45	0 45	21 41	0 34	13 26	16 48	7 10	7 24	23 20	2 57	3 15
T 6	18 33	24 56	3 42	24 42	2 2	25 20	1 50	14 31	0 19	22 29	0 16	14 36	2 26	5 45	0 45	21 41	0 34	13 26	16 48	7 12	7 25	23 17	2 58	3 15
W 7	18 48	20 44	2 44	24 40	1 54	25 23	1 51	14 27	0 22	22 31	0 16	14 35	2 26	5 44	0 45	21 41	0 34	13 26	16 48	7 13	7 26	23 15	2 59	3 15
T 8	19 2	15 24	1 37	24 36	1 46	25 24	1 53	14 24	0 25	22 32	0 16	14 33	2 26	5 43	0 45	21 41	0 34	13 26	16 49	7 13	7 27	23 13	3 0	3 15
F 9	19 16	9 20	0 24	24 30	1 37	25 26	1 54	14 20	0 28	22 34	0 16	14 32	2 26	5 43	0 45	21 41	0 34	13 26	16 49	7 13	7 29	23 11	3 1	3 15
S 10	19 30	2 55	0s48	24 24	1 27	25 26	1 56	14 17	0 30	22 35	0 16	14 31	2 25	5 42	0 45	21 41	0 34	13 26	16 49	7 13	7 30	23 9	3 2	3 15
S 11	19 43	3s33	1 58	24 15	1 16	25 26	1 57	14 14	0 33	22 37	0 16	14 30	2 25	5 41	0 45	21 41	0 34	13 26	16 49	7 14	7 31	23 7	3 3	3 15
M12	19 56	9 47	2 59	24 6	1 4	25 25	1 58	14 11	0 36	22 38	0 15	14 29	2 25	5 41	0 45	21 41	0 34	13 25	16 50	7 16	7 32	23 4	3 4	3 15
T 13	20 8	15 29	3 50	23 55	0 52	25 23	1 59	14 8	0 39	22 40	0 15	14 28	2 25	5 40	0 45	21 41	0 34	13 25	16 50	7 18	7 33	23 2	3 5	3 15
W14	20 20	20 24	4 28	23 42	0 38	25 21	2 1	14 5	0 42	22 41	0 15	14 27	2 25	5 40	0 45	21 42	0 34	13 25	16 50	7 22	7 35	23 0	3 6	3 15
T 15	20 32	24 17	4 51	23 29	0 24	25 18	2 2	14 3	0 44	22 42	0 15	14 25	2 25	5 39	0 46	21 42	0 34	13 25	16 51	7 26	7 36	22 58	3 7	3 16
F 16	20 44	26 55	5 0	23 15	0 9	25 14	2 3	14 0	0 47	22 44	0 15	14 24	2 25	5 39	0 46	21 42	0 34	13 25	16 51	7 31	7 37	22 56	3 8	3 16
S 17	20 55	28 11	4 54	22 59	0s 7	25 9	2 3	13 58	0 49	22 45	0 15	14 23	2 25	5 38	0 46	21 42	0 34	13 25	16 51	7 36	7 38	22 53	3 9	3 16
S 18	21 6	28 2	4 35	22 43	0 23	25 4	2 4	13 56	0 52	22 46	0 15	14 22	2 25	5 38	0 46	21 42	0 34	13 25	16 52	7 41	7 39	22 51	3 10	3 16
M19	21 16	26 33	4 4	22 26	0 39	24 58	2 5	13 54	0 55	22 48	0 15	14 21	2 24	5 37	0 46	21 42	0 34	13 25	16 52	7 44	7 41	22 49	3 11	3 16
T 20	21 26	23 52	3 22	22 8	0 56	24 52	2 6	13 53	0 57	22 49	0 15	14 20	2 24	5 37	0 46	21 42	0 34	13 25	16 52	7 47	7 42	22 47	3 12	3 16
W21	21 36	20 12	2 31	21 50	1 13	24 45	2 6	13 51	1 0	22 50	0 14	14 19	2 24	5 36	0 46	21 43	0 34	13 25	16 53	7 49	7 43	22 45	3 12	3 16
T 22	21 45	15 44	1 34	21 31	1 30	24 37	2 7	13 50	1 2	22 51	0 14	14 18	2 24	5 36	0 46	21 43	0 34	13 25	16 53	7 49	7 44	22 42	3 13	3 16
F 23	21 54	10 39	0 33	21 12	1 47	24 28	2 7	13 49	1 4	22 52	0 14	14 17	2 24	5 35	0 46	21 43	0 34	13 25	16 53	7 50	7 45	22 40	3 14	3 16
S 24	22 3	5 7	0n31	20 52	2 4	24 19	2 7	13 48	1 7	22 54	0 14	14 16	2 24	5 35	0 46	21 43	0 34	13 25	16 53	7 50	7 47	22 38	3 15	3 16
S 25	22 11	0n43	1 34	20 33	2 21	24 9	2 7	13 48	1 9	22 55	0 14	14 15	2 24	5 35	0 46	21 43	0 34	13 25	16 54	7 50	7 48	22 36	3 16	3 17
M26	22 19	6 40	2 35	20 14	2 37	23 59	2 7	13 47	1 11	22 56	0 14	14 14	2 23	5 34	0 46	21 43	0 34	13 25	16 54	7 51	7 49	22 33	3 16	3 17
T 27	22 26	12 31	3 29	19 55	2 52	23 47	2 7	13 47	1 13	22 57	0 14	14 13	2 23	5 34	0 46	21 43	0 34	13 25	16 54	7 52	7 50	22 31	3 17	3 17
W28	22 33	18 0	4 14	19 37	3 7	23 36	2 7	13 48	1 15	22 58	0 14	14 12	2 23	5 34	0 46	21 44	0 34	13 25	16 55	7 55	7 51	22 29	3 18	3 17
T 29	22 40	22 43	4 45	19 20	3 21	23 23	2 7	13 48	1 18	22 59	0 14	14 12	2 23	5 33	0 46	21 44	0 34	13 25	16 55	7 59	7 53	22 27	3 19	3 17
F 30	22 46	26 14	5 0	19 3	3 33	23 10	2 7	13 49	1 20	23 0	0 14	14 11	2 23	5 33	0 46	21 44	0 34	13 25	16 55	8 3	7 54	22 24	3 19	3 17
S 31	22n52	28n 4	4n55	18n48	3s45	22n57	2n 6	13s50	1s22	23n 1	0s13	14s10	2n23	5s33	0s46	21s44	0n34	13s25	16s56	8s 7	7s55	22s22	3n20	3n17

Julian Day Number = 2209517.5, Delta T = 09m28s
Ecliptic obliquity = 23°31'40, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°29'51, Lahiri = 14°36'51 Julian Calendar 1 May 1337 == Greg. Calendar 9 May 1337

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ASTRODIENST EPHEMERIS for the year 1337
geocentric

JUNE 1337 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	17 9 5	17♊44'28	5♋ 4	13°R 8	27♋54	2°R57	21♊33	15°R 5	17♓49	18°R 7	5♈15	9°R 7	9♓46	3♒45	0♈49	S 1
M 2	17 13 2	18°41'43	19°57	12♊38	29° 3	2♏56	21°46	15♏ 2	17°49	18♑ 5	5°16	8♓59	9°43	3°52	0°50	M 2
T 3	17 16 58	19°38'58	4♌45	12°11	0♌11	2°D56	22° 0	14°59	17°50	18° 4	5°16	8°53	9°39	3°59	0°52	T 3
W 4	17 20 55	20°36'12	19°20	11°46	1°19	2°56	22°14	14°55	17°50	18° 3	5°17	8°50	9°36	4° 5	0°53	W 4
T 5	17 24 51	21°33'25	3♍39	11°25	2°27	2°58	22°27	14°52	17°51	18° 1	5°17	8°D49	9°33	4°12	0°54	T 5
F 6	17 28 48	22°30'37	17°40	11° 7	3°35	3° 0	22°41	14°49	17°51	18° 0	5°18	8°R49	9°30	4°19	0°55	F 6
S 7	17 32 44	23°27'49	1♎23	10°53	4°43	3° 3	22°55	14°46	17°52	17°58	5°18	8°49	9°27	4°25	0°56	S 7
S 8	17 36 41	24°25'01	14°49	10°43	5°51	3° 7	23° 8	14°43	17°52	17°57	5°19	8°47	9°23	4°32	0°57	S 8
M 9	17 40 37	25°22'11	27°59	10°38	6°58	3°12	23°22	14°40	17°52	17°55	5°19	8°43	9°20	4°39	0°58	M 9
T 10	17 44 34	26°19'22	10♏56	10°D38	8° 6	3°17	23°36	14°38	17°53	17°54	5°20	8°37	9°17	4°45	0°59	T 10
W11	17 48 31	27°16'32	23°41	10°42	9°13	3°23	23°49	14°35	17°53	17°52	5°20	8°28	9°14	4°52	1° 0	W11
T 12	17 52 27	28°13'42	6♐14	10°51	10°20	3°30	24° 3	14°32	17°53	17°51	5°20	8°17	9°11	4°59	1° 1	T 12
F 13	17 56 24	29°10'51	18°37	11° 4	11°27	3°38	24°17	14°30	17°53	17°49	5°21	8° 6	9° 8	5° 5	1° 1	F 13
S 14	18 0 20	0♋ 8'01	0♑50	11°23	12°34	3°46	24°30	14°27	17°53	17°48	5°21	7°54	9° 4	5°12	1° 2	S 14
S 15	18 4 17	1° 5'10	12°54	11°47	13°41	3°55	24°44	14°25	17°R53	17°46	5°21	7°43	9° 1	5°19	1° 3	S 15
M16	18 8 13	2° 2'20	24°51	12°16	14°47	4° 5	24°58	14°23	17°53	17°45	5°22	7°34	8°58	5°25	1° 3	M16
T 17	18 12 10	2°59'30	6♒42	12°49	15°54	4°15	25°11	14°20	17°53	17°43	5°22	7°27	8°55	5°32	1° 4	T 17
W18	18 16 6	3°56'39	18°30	13°27	17° 0	4°27	25°25	14°18	17°53	17°42	5°22	7°23	8°52	5°39	1° 4	W18
T 19	18 20 3	4°53'49	0♓18	14°11	18° 6	4°38	25°39	14°16	17°53	17°40	5°22	7°21	8°49	5°45	1° 5	T 19
F 20	18 24 0	5°50'59	12°11	14°58	19°12	4°51	25°52	14°14	17°52	17°39	5°22	7°D21	8°45	5°52	1° 5	F 20
S 21	18 27 56	6°48'10	24°13	15°51	20°17	5° 4	26° 6	14°12	17°52	17°37	5°23	7°21	8°42	5°59	1° 5	S 21
S 22	18 31 53	7°45'21	6♈30	16°48	21°23	5°18	26°19	14°11	17°52	17°35	5°23	7°R22	8°39	6° 5	1° 6	S 22
M23	18 35 49	8°42'33	19° 6	17°50	22°28	5°32	26°33	14° 9	17°52	17°34	5°23	7°21	8°36	6°12	1° 6	M23
T 24	18 39 46	9°39'45	2♉ 6	18°57	23°33	5°47	26°46	14° 7	17°51	17°32	5°23	7°19	8°33	6°19	1° 6	T 24
W25	18 43 42	10°36'57	15°33	20° 8	24°38	6° 3	27° 0	14° 6	17°51	17°31	5°23	7°15	8°29	6°25	1° 6	W25
T 26	18 47 39	11°34'11	29°30	21°23	25°43	6°19	27°13	14° 4	17°50	17°29	5°23	7° 8	8°26	6°32	1°R 6	T 26
F 27	18 51 35	12°31'25	13♊54	22°43	26°47	6°36	27°27	14° 3	17°50	17°27	5°23	7° 1	8°23	6°39	1° 6	F 27
S 28	18 55 32	13°28'39	28°41	24° 6	27°52	6°54	27°40	14° 2	17°49	17°26	5°R23	6°53	8°20	6°45	1° 6	S 28
S 29	18 59 29	14°25'54	13♋45	25°35	28°56	7°12	27°53	14° 1	17°48	17°24	5°23	6°45	8°17	6°52	1° 6	S 29
M30	19 3 25	15♋23'10	28♋54	27♊ 7	29♌59	7♏30	28♊ 7	14♏ 0	17♓48	17♑23	5♈23	6♓39	8♓14	6♒59	1♈ 6	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n58	27n56	4n31	18n34	3s55	22n43	2n 6	13s51	1s24	23n 2	0s13	14s 9	2n22	5s33	0s46	21s44	0n34	13s25	16s56	8s11	7s56	22s20	3n21	3n17
M 2	23 3	25 48	3 48	18 22	4 4	22 28	2 5	13 52	1 25	23 3	0 13	14 8	2 22	5 32	0 46	21 45	0 34	13 25	16 57	8 14	7 57	22 17	3 21	3 17
T 3	23 7	21 54	2 50	18 11	4 12	22 13	2 4	13 54	1 27	23 4	0 13	14 7	2 22	5 32	0 46	21 45	0 34	13 25	16 57	8 16	7 59	22 15	3 22	3 18
W 4	23 12	16 41	1 41	18 1	4 18	21 57	2 3	13 56	1 29	23 5	0 13	14 7	2 22	5 32	0 46	21 45	0 34	13 26	16 57	8 17	8 0	22 13	3 22	3 18
T 5	23 15	10 38	0 27	17 54	4 23	21 40	2 2	13 58	1 31	23 6	0 13	14 6	2 22	5 32	0 46	21 45	0 34	13 26	16 58	8 18	8 1	22 10	3 23	3 18
F 6	23 19	4 10	0s47	17 48	4 26	21 23	2 1	14 0	1 33	23 7	0 13	14 5	2 22	5 32	0 46	21 45	0 34	13 26	16 58	8 18	8 2	22 8	3 23	3 18
S 7	23 22	2s20	1 57	17 44	4 28	21 6	2 0	14 3	1 34	23 7	0 13	14 5	2 21	5 32	0 46	21 45	0 34	13 26	16 58	8 18	8 3	22 6	3 24	3 18
S 8	23 25	8 36	2 58	17 43	4 28	20 48	1 59	14 6	1 36	23 8	0 13	14 4	2 21	5 31	0 46	21 46	0 34	13 26	16 59	8 18	8 5	22 3	3 24	3 18
M 9	23 27	14 22	3 50	17 43	4 27	20 30	1 58	14 9	1 38	23 9	0 13	14 3	2 21	5 31	0 46	21 46	0 34	13 26	16 59	8 20	8 6	22 1	3 25	3 18
T 10	23 29	19 24	4 28	17 45	4 25	20 11	1 56	14 12	1 39	23 10	0 12	14 3	2 21	5 31	0 46	21 46	0 34	13 27	16 59	8 22	8 7	21 59	3 25	3 18
W11	23 30	23 28	4 52	17 48	4 22	19 51	1 54	14 16	1 41	23 11	0 12	14 2	2 20	5 31	0 47	21 46	0 34	13 27	17 0	8 25	8 8	21 56	3 26	3 18
T 12	23 31	26 23	5 2	17 54	4 18	19 31	1 53	14 20	1 42	23 11	0 12	14 2	2 20	5 31	0 47	21 46	0 34	13 27	17 0	8 29	8 9	21 54	3 26	3 19
F 13	23 31	27 58	4 57	18 1	4 12	19 11	1 51	14 24	1 44	23 12	0 12	14 1	2 20	5 31	0 47	21 47	0 34	13 27	17 0	8 34	8 11	21 52	3 27	3 19
S 14	23 32	28 10	4 38	18 10	4 6	18 50	1 49	14 28	1 45	23 13	0 12	14 0	2 20	5 31	0 47	21 47	0 34	13 27	17 1	8 38	8 12	21 49	3 27	3 19
S 15	23 31	27 0	4 8	18 21	3 58	18 29	1 47	14 32	1 46	23 13	0 12	14 0	2 20	5 31	0 47	21 47	0 34	13 28	17 1	8 43	8 13	21 47	3 27	3 19
M16	23 31	24 37	3 26	18 33	3 50	18 7	1 45	14 37	1 48	23 14	0 12	14 0	2 19	5 31	0 47	21 47	0 34	13 28	17 2	8 46	8 14	21 45	3 28	3 19
T 17	23 30	21 11	2 36	18 46	3 41	17 45	1 42	14 42	1 49	23 15	0 12	13 59	2 19	5 31	0 47	21 47	0 34	13 28	17 2	8 48	8 15	21 42	3 28	3 19
W18	23 28	16 54	1 39	19 0	3 31	17 23	1 40	14 47	1 50	23 15	0 12	13 59	2 19	5 31	0 47	21 48	0 34	13 28	17 2	8 50	8 17	21 40	3 28	3 19
T 19	23 26	11 59	0 38	19 16	3 21	17 0	1 37	14 52	1 51	23 16	0 12	13 58	2 19	5 32	0 47	21 48	0 34	13 28	17 3	8 51	8 18	21 38	3 29	3 19
F 20	23 24	6 37	0n26	19 32	3 10	16 37	1 35	14 57	1 53	23 16	0 12	13 58	2 18	5 32	0 47	21 48	0 34	13 29	17 3	8 51	8 19	21 35	3 29	3 20
S 21	23 21	0 56	1 29	19 49	2 58	16 14	1 32	15 3	1 54	23 17	0 11	13 58	2 18	5 32	0 47	21 48	0 34	13 29	17 3	8 50	8 20	21 33	3 29	3 20
S 22	23 18	4n53	2 30	20 7	2 46	15 50	1 29	15 8	1 55	23 17	0 11	13 57	2 18	5 32	0 47	21 49	0 34	13 29	17 4	8 50	8 21	21 30	3 29	3 20
M23	23 14	10 39	3 24	20 25	2 34	15 26	1 26	15 14	1 56	23 18	0 11	13 57	2 18	5 32	0 47	21 49	0 34	13 30	17 4	8 50	8 23	21 28	3 30	3 20
T 24	23 10	16 9	4 11	20 43	2 21	15 1	1 23	15 20	1 57	23 18	0 11	13 57	2 18	5 32	0 47	21 49	0 34	13 30	17 4	8 51	8 24	21 26	3 30	3 20
W25	23 6	21 5	4 45	21 1	2 8	14 36	1 20	15 26	1 58	23 19	0 11	13 57	2 17	5 33	0 47	21 49	0 34	13 30	17 5	8 53	8 25	21 23	3 30	3 20
T 26	23 1	25 3	5 3	21 20	1 55	14 11	1 16	15 33	1 59	23 19	0 11	13 56	2 17	5 33	0 47	21 49	0 34	13 31	17 5	8 55	8 26	21 21	3 30	3 20
F 27	22 56	27 35	5 4	21 38	1 42	13 46	1 13	15 39	2 0	23 19	0 11	13 56	2 17	5 33	0 47	21 50	0 34	13 31	17 6	8 58	8 27	21 18	3 30	3 20
S 28	22 51	28 16	4 44	21 55	1 29	13 20	1 9	15 46	2 1	23 20	0 11	13 56	2 17	5 33	0 47	21 50	0 34	13 31	17 6	9 1	8 29	21 16	3 30	3 21
S 29	22 45	26 53	4 5	22 12	1 15	12 54	1 5	15 53	2 2	23 20	0 11	13 56	2 16	5 34	0 47	21 50	0 34	13 32	17 6	9 4	8 30	21 13	3 30	3 21
M30	22n38	23n31	3n 8	22n28	1s 2	12n28	1n 1	16s 0	2s 3	23n20	0s11	13s56	2n16	5s34	0s47	21s50	0n34	13s32	17s 7	9s 6	8s31	21s11	3n30	3n21

Julian Day Number = 2209548.5, Delta T = 09m27s
Ecliptic obliquity = 23°31'39, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°29'55, Lahiri = 14°36'56 Julian Calendar 1 June 1337 == Greg. Calendar 9 June 1337

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ASTRODIENST EPHEMERIS for the year 1337
geocentric

JULY 1337 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	19 7 22	16♋20'25	14♌ 0	28♊43	1♍ 3	7♏50	28♊20	13°R59	17°R47	17°R21	5°R23	6°R35	8♓10	7♒ 5	1°R 6	T 1
W 2	19 11 18	17°17'41	28°53	0♋22	2° 7	8° 9	28°33	13♏58	17♓46	17♉19	5♈23	6♓33	8° 7	7°12	1♈ 5	W 2
T 3	19 15 15	18°14'58	13♍27	2° 6	3°10	8°29	28°47	13°57	17°45	17°18	5°23	6°D33	8° 4	7°19	1° 5	T 3
F 4	19 19 11	19°12'14	27°39	3°53	4°13	8°50	29° 0	13°56	17°44	17°16	5°23	6°34	8° 1	7°25	1° 5	F 4
S 5	19 23 8	20° 9'31	11♎27	5°43	5°15	9°11	29°13	13°56	17°43	17°14	5°22	6°35	7°58	7°32	1° 4	S 5
S 6	19 27 4	21° 6'48	24°52	7°36	6°18	9°33	29°26	13°55	17°42	17°13	5°22	6°R35	7°55	7°39	1° 4	S 6
M 7	19 31 1	22° 4'06	7♏58	9°31	7°20	9°55	29°39	13°55	17°41	17°11	5°22	6°34	7°51	7°45	1° 3	M 7
T 8	19 34 58	23° 1'24	20°45	11°30	8°22	10°18	29°52	13°55	17°40	17°10	5°22	6°31	7°48	7°52	1° 2	T 8
W 9	19 38 54	23°58'42	3♐18	13°30	9°23	10°41	0♋ 5	13°54	17°39	17° 8	5°22	6°26	7°45	7°59	1° 2	W 9
T 10	19 42 51	24°56'01	15°38	15°32	10°24	11° 5	0°18	13°D54	17°38	17° 6	5°21	6°20	7°42	8° 5	1° 1	T 10
F 11	19 46 47	25°53'21	27°48	17°35	11°25	11°29	0°31	13°54	17°37	17° 5	5°21	6°12	7°39	8°12	1° 0	F 11
S 12	19 50 44	26°50'41	9♑50	19°39	12°26	11°54	0°44	13°55	17°36	17° 3	5°21	6° 5	7°35	8°19	1° 0	S 12
S 13	19 54 40	27°48'03	21°46	21°44	13°26	12°19	0°57	13°55	17°35	17° 2	5°20	5°59	7°32	8°25	0°59	S 13
M14	19 58 37	28°45'25	3♒37	23°50	14°26	12°44	1°10	13°55	17°33	17° 0	5°20	5°53	7°29	8°32	0°58	M14
T 15	20 2 34	29°42'47	15°26	25°56	15°26	13°10	1°23	13°55	17°32	16°58	5°20	5°50	7°26	8°39	0°57	T 15
W16	20 6 30	0♌40'11	27°14	28° 1	16°25	13°36	1°36	13°56	17°30	16°57	5°19	5°48	7°23	8°45	0°56	W16
T 17	20 10 27	1°37'36	9♓ 5	0♌ 6	17°24	14° 3	1°48	13°56	17°29	16°55	5°19	5°D47	7°20	8°52	0°55	T 17
F 18	20 14 23	2°35'02	21° 0	2°11	18°22	14°30	2° 1	13°57	17°28	16°54	5°19	5°48	7°16	8°59	0°54	F 18
S 19	20 18 20	3°32'29	3♈ 5	4°15	19°20	14°57	2°13	13°58	17°26	16°52	5°18	5°50	7°13	9° 5	0°53	S 19
S 20	20 22 16	4°29'58	15°23	6°18	20°18	15°25	2°26	13°59	17°25	16°51	5°18	5°52	7°10	9°12	0°51	S 20
M21	20 26 13	5°27'28	27°59	8°19	21°15	15°53	2°39	14° 0	17°23	16°49	5°17	5°53	7° 7	9°19	0°50	M21
T 22	20 30 9	6°24'59	10♉56	10°20	22°11	16°21	2°51	14° 1	17°21	16°48	5°17	5°R53	7° 4	9°25	0°49	T 22
W23	20 34 6	7°22'31	24°18	12°19	23° 8	16°50	3° 3	14° 2	17°20	16°46	5°16	5°52	7° 1	9°32	0°47	W23
T 24	20 38 3	8°20'06	8♊ 8	14°17	24° 4	17°19	3°16	14° 3	17°18	16°45	5°16	5°50	6°57	9°39	0°46	T 24
F 25	20 41 59	9°17'41	22°24	16°14	24°59	17°49	3°28	14° 5	17°16	16°43	5°15	5°46	6°54	9°45	0°45	F 25
S 26	20 45 56	10°15'19	7♋ 6	18° 9	25°54	18°19	3°40	14° 6	17°15	16°42	5°14	5°43	6°51	9°52	0°43	S 26
S 27	20 49 52	11°12'57	22° 7	20° 3	26°48	18°49	3°52	14° 8	17°13	16°40	5°14	5°40	6°48	9°59	0°42	S 27
M28	20 53 49	12°10'37	7♌18	21°56	27°42	19°19	4° 4	14° 9	17°11	16°39	5°13	5°37	6°45	10° 5	0°40	M28
T 29	20 57 45	13° 8'19	22°30	23°47	28°35	19°50	4°16	14°11	17° 9	16°37	5°13	5°36	6°41	10°12	0°38	T 29
W30	21 1 42	14° 6'01	7♍34	25°36	29°28	20°21	4°28	14°13	17° 7	16°36	5°12	5°D35	6°38	10°19	0°37	W30
T 31	21 5 38	15♌ 3'44	22♍21	27♌24	0♎20	20♏53	4♋40	14♏15	17♓ 5	16♉35	5♈11	5♓36	6♓35	10♒25	0♈35	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n31	18n35	1n58	22n43	0s49	12n 2	0n57	16s 7	2s 3	23n21	0s11	13s56	2n16	5s34	0s47	21s51	0n34	13s32	17s 7	9s 8	8s32	21s 8	3n30	3n21
W 2	22 24	12 33	0 41	22 56	0 35	11 35	0 53	16 14	2 4	23 21	0 10	13 56	2 16	5 35	0 47	21 51	0 34	13 33	17 7	9 8	8 33	21 6	3 30	3 21
T 3	22 17	5 57	0s37	23 8	0 23	11 9	0 49	16 21	2 5	23 21	0 10	13 56	2 15	5 35	0 47	21 51	0 34	13 33	17 8	9 8	8 34	21 4	3 30	3 21
F 4	22 9	0s46	1 51	23 18	0 10	10 42	0 45	16 29	2 6	23 21	0 10	13 56	2 15	5 35	0 47	21 51	0 34	13 33	17 8	9 8	8 36	21 1	3 30	3 21
S 5	22 0	7 16	2 57	23 26	0n 2	10 14	0 40	16 36	2 6	23 21	0 10	13 56	2 15	5 36	0 47	21 51	0 34	13 34	17 8	9 8	8 37	20 59	3 30	3 21
S 6	21 52	13 15	3 51	23 32	0 14	9 47	0 36	16 44	2 7	23 22	0 10	13 56	2 15	5 36	0 47	21 52	0 34	13 34	17 9	9 8	8 38	20 56	3 30	3 21
M 7	21 43	18 30	4 32	23 36	0 25	9 20	0 31	16 52	2 8	23 22	0 10	13 56	2 14	5 37	0 47	21 52	0 34	13 35	17 9	9 8	8 39	20 54	3 30	3 22
T 8	21 33	22 47	4 58	23 37	0 36	8 52	0 26	17 0	2 8	23 22	0 10	13 56	2 14	5 37	0 47	21 52	0 34	13 35	17 10	9 9	8 40	20 51	3 30	3 22
W 9	21 23	25 56	5 9	23 36	0 46	8 24	0 21	17 8	2 9	23 22	0 10	13 57	2 14	5 37	0 48	21 52	0 34	13 35	17 10	9 11	8 42	20 49	3 30	3 22
T 10	21 13	27 48	5 5	23 32	0 55	7 56	0 16	17 16	2 10	23 22	0 10	13 57	2 13	5 38	0 48	21 52	0 34	13 36	17 10	9 13	8 43	20 46	3 30	3 22
F 11	21 3	28 18	4 48	23 25	1 4	7 28	0 11	17 24	2 10	23 22	0 10	13 57	2 13	5 38	0 48	21 53	0 33	13 36	17 11	9 16	8 44	20 44	3 29	3 22
S 12	20 52	27 27	4 18	23 16	1 11	7 0	0 6	17 32	2 11	23 22	0 10	13 57	2 13	5 39	0 48	21 53	0 33	13 37	17 11	9 19	8 45	20 41	3 29	3 22
S 13	20 41	25 19	3 37	23 3	1 18	6 32	0 0	17 40	2 11	23 22	0 9	13 58	2 13	5 39	0 48	21 53	0 33	13 37	17 11	9 21	8 46	20 39	3 29	3 22
M14	20 29	22 7	2 46	22 48	1 25	6 4	0s 5	17 49	2 12	23 22	0 9	13 58	2 12	5 40	0 48	21 53	0 33	13 38	17 12	9 23	8 48	20 36	3 29	3 22
T 15	20 17	18 0	1 49	22 31	1 30	5 36	0 11	17 57	2 12	23 22	0 9	13 58	2 12	5 41	0 48	21 54	0 33	13 38	17 12	9 24	8 49	20 34	3 28	3 22
W16	20 5	13 12	0 47	22 11	1 35	5 7	0 17	18 5	2 13	23 22	0 9	13 59	2 12	5 41	0 48	21 54	0 33	13 38	17 12	9 25	8 50	20 31	3 28	3 23
T 17	19 52	7 55	0n18	21 48	1 39	4 39	0 23	18 14	2 13	23 22	0 9	13 59	2 12	5 42	0 48	21 54	0 33	13 39	17 13	9 25	8 51	20 29	3 28	3 23
F 18	19 39	2 19	1 22	21 24	1 42	4 11	0 29	18 22	2 14	23 22	0 9	14 0	2 11	5 42	0 48	21 54	0 33	13 39	17 13	9 25	8 52	20 26	3 27	3 23
S 19	19 26	3n26	2 24	20 57	1 44	3 42	0 35	18 31	2 14	23 22	0 9	14 0	2 11	5 43	0 48	21 54	0 33	13 40	17 13	9 24	8 53	20 24	3 27	3 23
S 20	19 12	9 9	3 20	20 28	1 46	3 14	0 41	18 39	2 14	23 21	0 9	14 1	2 11	5 44	0 48	21 55	0 33	13 40	17 14	9 24	8 55	20 21	3 27	3 23
M21	18 59	14 39	4 8	19 58	1 46	2 45	0 48	18 48	2 15	23 21	0 9	14 1	2 11	5 44	0 48	21 55	0 33	13 41	17 14	9 23	8 56	20 18	3 26	3 23
T 22	18 44	19 40	4 45	19 26	1 47	2 17	0 54	18 57	2 15	23 21	0 9	14 2	2 10	5 45	0 48	21 55	0 33	13 41	17 14	9 23	8 57	20 16	3 26	3 23
W23	18 30	23 53	5 8	18 52	1 46	1 48	1 1	19 5	2 15	23 21	0 9	14 2	2 10	5 46	0 48	21 55	0 33	13 42	17 15	9 24	8 58	20 13	3 25	3 23
T 24	18 15	26 54	5 14	18 17	1 45	1 20	1 7	19 14	2 16	23 21	0 8	14 3	2 10	5 46	0 48	21 55	0 33	13 42	17 15	9 25	8 59	20 11	3 25	3 23
F 25	18 0	28 19	5 1	17 40	1 43	0 52	1 14	19 23	2 16	23 21	0 8	14 4	2 10	5 47	0 48	21 56	0 33	13 43	17 15	9 26	9 1	20 8	3 24	3 23
S 26	17 44	27 48	4 28	17 3	1 41	0 24	1 21	19 32	2 16	23 20	0 8	14 4	2 9	5 48	0 48	21 56	0 33	13 43	17 16	9 27	9 2	20 6	3 24	3 24
S 27	17 28	25 16	3 37	16 24	1 38	0s 4	1 28	19 40	2 17	23 20	0 8	14 5	2 9	5 48	0 48	21 56	0 33	13 44	17 16	9 28	9 3	20 3	3 23	3 24
M28	17 12	20 55	2 30	15 45	1 35	0 32	1 35	19 49	2 17	23 20	0 8	14 6	2 9	5 49	0 48	21 56	0 33	13 44	17 16	9 29	9 4	20 1	3 23	3 24
T 29	16 56	15 11	1 12	15 5	1 31	1 0	1 43	19 58	2 17	23 19	0 8	14 6	2 9	5 50	0 48	21 56	0 33	13 45	17 16	9 30	9 5	19 58	3 22	3 24
W30	16 40	8 36	0s11	14 24	1 27	1 28	1 50	20 6	2 17	23 19	0 8	14 7	2 8	5 51	0 48	21 57	0 33	13 45	17 17	9 30	9 6	19 55	3 22	3 24
T 31	16n23	1n39	1s31	13n43	1n23	1s56	1s57	20s15	2s17	23n19	0s 8	14s 8	2n 8	5s51	0s48	21s57	0n33	13s46	17s17	9s30	9s 8	19s53	3n21	3n24

Julian Day Number = 2209578.5, Delta T = 09m27s
Ecliptic obliquity = 23°31'39, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°29'59, Lahiri = 14°37'00 Julian Calendar 1 July 1337 == Greg. Calendar 9 July 1337

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ASTRODIENST EPHEMERIS for the year 1337
geocentric

AUGUST 1337 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	21 9 35	16♌ 1'29	6♎45	29♌11	1♎12	21♏25	4♋52	14♏17	17°R 3	16°R33	5°R11	5♓37	6♓32	10♒32	0°R33	F 1
S 2	21 13 32	16°59'15	20°43	0♍56	2° 3	21°57	5° 4	14°19	17♓ 1	16♑32	5♈10	5°38	6°29	10°39	0♈32	S 2
S 3	21 17 28	17°57'02	4♏15	2°40	2°53	22°29	5°15	14°21	16°59	16°30	5° 9	5°39	6°26	10°45	0°30	S 3
M 4	21 21 25	18°54'50	17°23	4°23	3°42	23° 2	5°27	14°23	16°57	16°29	5° 8	5°R40	6°22	10°52	0°28	M 4
T 5	21 25 21	19°52'40	0♐ 9	6° 4	4°31	23°35	5°39	14°26	16°55	16°28	5° 8	5°39	6°19	10°59	0°26	T 5
W 6	21 29 18	20°50'31	12°37	7°43	5°19	24° 8	5°50	14°28	16°53	16°27	5° 7	5°38	6°16	11° 5	0°24	W 6
T 7	21 33 14	21°48'23	24°50	9°22	6° 6	24°41	6° 1	14°31	16°51	16°25	5° 6	5°37	6°13	11°12	0°22	T 7
F 8	21 37 11	22°46'16	6♑53	10°59	6°53	25°15	6°13	14°33	16°49	16°24	5° 5	5°35	6°10	11°19	0°20	F 8
S 9	21 41 7	23°44'11	18°48	12°34	7°38	25°49	6°24	14°36	16°47	16°23	5° 5	5°33	6° 7	11°25	0°18	S 9
S 10	21 45 4	24°42'07	0♒38	14° 9	8°23	26°23	6°35	14°39	16°45	16°22	5° 4	5°32	6° 3	11°32	0°16	S 10
M11	21 49 1	25°40'04	12°27	15°42	9° 7	26°58	6°46	14°42	16°43	16°21	5° 3	5°30	6° 0	11°39	0°14	M11
T 12	21 52 57	26°38'03	24°16	17°13	9°50	27°33	6°57	14°45	16°40	16°19	5° 2	5°30	5°57	11°45	0°11	T 12
W13	21 56 54	27°36'04	6♓ 8	18°44	10°31	28° 7	7° 8	14°48	16°38	16°18	5° 1	5°D30	5°54	11°52	0° 9	W13
T 14	22 0 50	28°34'06	18° 6	20°13	11°12	28°43	7°19	14°51	16°36	16°17	5° 0	5°30	5°51	11°58	0° 7	T 14
F 15	22 4 47	29°32'10	0♈10	21°40	11°52	29°18	7°29	14°54	16°34	16°16	4°59	5°30	5°47	12° 5	0° 5	F 15
S 16	22 8 43	0♍30'16	12°24	23° 7	12°31	29°54	7°40	14°58	16°31	16°15	4°58	5°31	5°44	12°12	0° 2	S 16
S 17	22 12 40	1°28'24	24°50	24°32	13° 8	0♐30	7°50	15° 1	16°29	16°14	4°57	5°31	5°41	12°18	0° 0	S 17
M18	22 16 36	2°26'34	7♉31	25°55	13°45	1° 6	8° 1	15° 5	16°27	16°13	4°56	5°32	5°38	12°25	29♓58	M18
T 19	22 20 33	3°24'46	20°30	27°17	14°20	1°42	8°11	15° 8	16°24	16°12	4°56	5°32	5°35	12°32	29°55	T 19
W20	22 24 30	4°23'00	3♊49	28°38	14°54	2°19	8°21	15°12	16°22	16°11	4°55	5°R32	5°32	12°38	29°53	W20
T 21	22 28 26	5°21'16	17°30	29°57	15°26	2°55	8°31	15°16	16°20	16°10	4°54	5°D32	5°28	12°45	29°50	T 21
F 22	22 32 23	6°19'35	1♋35	1♎15	15°57	3°32	8°41	15°19	16°17	16° 9	4°53	5°32	5°25	12°52	29°48	F 22
S 23	22 36 19	7°17'55	16° 1	2°31	16°27	4° 9	8°51	15°23	16°15	16° 8	4°52	5°32	5°22	12°58	29°46	S 23
S 24	22 40 16	8°16'18	0♌45	3°45	16°55	4°47	9° 1	15°27	16°13	16° 7	4°51	5°32	5°19	13° 5	29°43	S 24
M25	22 44 12	9°14'42	15°43	4°58	17°22	5°24	9°11	15°31	16°10	16° 7	4°50	5°32	5°16	13°12	29°40	M25
T 26	22 48 9	10°13'09	0♍46	6° 9	17°47	6° 2	9°21	15°36	16° 8	16° 6	4°49	5°R33	5°13	13°18	29°38	T 26
W27	22 52 5	11°11'37	15°46	7°18	18°11	6°40	9°30	15°40	16° 6	16° 5	4°47	5°33	5° 9	13°25	29°35	W27
T 28	22 56 2	12°10'07	0♎35	8°24	18°33	7°18	9°39	15°44	16° 3	16° 4	4°46	5°32	5° 6	13°32	29°33	T 28
F 29	22 59 59	13° 8'39	15° 5	9°29	18°53	7°56	9°49	15°48	16° 1	16° 4	4°45	5°31	5° 3	13°38	29°30	F 29
S 30	23 3 55	14° 7'13	29°11	10°32	19°11	8°35	9°58	15°53	15°58	16° 3	4°44	5°31	5° 0	13°45	29°27	S 30
S 31	23 7 52	15♍ 5'49	12♏51	11♎32	19♎27	9♐13	10♋ 7	15♏57	15♓56	16♑ 2	4♈43	5♓29	4♓57	13♒52	29♓25	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	16n 6	5s11	2s44	13n 1	1n18	2s23	2s 5	20s24	2s18	23n19	0s 8	14s 9	2n 8	5s52	0s48	21s57	0n33	13s46	17s17	9s29	9s 9	19s50	3n20	3n24
S 2	15 48	11 35	3 44	12 19	1 12	2 51	2 13	20 32	2 18	23 18	0 8	14 10	2 8	5 53	0 48	21 57	0 33	13 47	17 18	9 29	9 10	19 48	3 20	3 24
S 3	15 30	17 13	4 30	11 36	1 7	3 18	2 21	20 41	2 18	23 18	0 8	14 11	2 7	5 54	0 48	21 57	0 33	13 48	17 18	9 28	9 11	19 45	3 19	3 24
M 4	15 13	21 53	5 0	10 53	1 1	3 45	2 28	20 49	2 18	23 17	0 7	14 12	2 7	5 54	0 48	21 58	0 33	13 48	17 18	9 28	9 12	19 42	3 18	3 24
T 5	14 54	25 23	5 15	10 10	0 55	4 11	2 36	20 58	2 18	23 17	0 7	14 12	2 7	5 55	0 48	21 58	0 33	13 49	17 18	9 28	9 14	19 40	3 18	3 24
W 6	14 36	27 35	5 14	9 27	0 48	4 38	2 44	21 6	2 18	23 17	0 7	14 13	2 7	5 56	0 48	21 58	0 33	13 49	17 19	9 29	9 15	19 37	3 17	3 24
T 7	14 17	28 24	4 59	8 44	0 41	5 4	2 53	21 15	2 18	23 16	0 7	14 14	2 6	5 57	0 48	21 58	0 33	13 50	17 19	9 29	9 16	19 34	3 16	3 24
F 8	13 59	27 51	4 31	8 0	0 34	5 30	3 1	21 23	2 18	23 16	0 7	14 15	2 6	5 58	0 48	21 58	0 33	13 50	17 19	9 30	9 17	19 32	3 15	3 24
S 9	13 39	26 1	3 51	7 17	0 27	5 56	3 9	21 31	2 18	23 15	0 7	14 16	2 6	5 59	0 48	21 58	0 33	13 51	17 19	9 31	9 18	19 29	3 15	3 24
S 10	13 20	23 2	3 1	6 34	0 20	6 22	3 18	21 40	2 18	23 15	0 7	14 18	2 6	6 0	0 48	21 59	0 33	13 51	17 20	9 31	9 19	19 27	3 14	3 25
M11	13 1	19 7	2 4	5 51	0 12	6 47	3 26	21 48	2 18	23 14	0 7	14 19	2 5	6 0	0 48	21 59	0 33	13 52	17 20	9 32	9 21	19 24	3 13	3 25
T 12	12 41	14 27	1 2	5 8	0 4	7 12	3 35	21 56	2 18	23 14	0 7	14 20	2 5	6 1	0 48	21 59	0 33	13 52	17 20	9 32	9 22	19 21	3 12	3 25
W13	12 21	9 14	0n 4	4 25	0s 4	7 36	3 43	22 4	2 18	23 13	0 7	14 21	2 5	6 2	0 48	21 59	0 33	13 53	17 20	9 32	9 23	19 19	3 11	3 25
T 14	12 1	3 40	1 9	3 43	0 12	8 0	3 52	22 12	2 18	23 13	0 7	14 22	2 5	6 3	0 48	21 59	0 33	13 54	17 21	9 32	9 24	19 16	3 10	3 25
F 15	11 41	2n 6	2 13	3 1	0 20	8 24	4 1	22 19	2 18	23 12	0 6	14 23	2 4	6 4	0 48	21 59	0 33	13 54	17 21	9 32	9 25	19 13	3 10	3 25
S 16	11 20	7 51	3 11	2 19	0 28	8 47	4 10	22 27	2 18	23 12	0 6	14 24	2 4	6 5	0 48	22 0	0 33	13 55	17 21	9 31	9 26	19 11	3 9	3 25
S 17	10 59	13 23	4 1	1 38	0 36	9 10	4 18	22 35	2 18	23 11	0 6	14 26	2 4	6 6	0 48	22 0	0 33	13 55	17 21	9 31	9 28	19 8	3 8	3 25
M18	10 39	18 29	4 41	0 57	0 45	9 33	4 27	22 42	2 18	23 11	0 6	14 27	2 4	6 7	0 48	22 0	0 33	13 56	17 22	9 31	9 29	19 5	3 7	3 25
T 19	10 18	22 52	5 7	0 16	0 53	9 55	4 36	22 50	2 18	23 10	0 6	14 28	2 3	6 8	0 48	22 0	0 33	13 56	17 22	9 31	9 30	19 3	3 6	3 25
W20	9 56	26 11	5 18	0s24	1 2	10 16	4 45	22 57	2 18	23 10	0 6	14 29	2 3	6 8	0 48	22 0	0 33	13 57	17 22	9 31	9 31	19 0	3 5	3 25
T 21	9 35	28 6	5 11	1 3	1 10	10 37	4 54	23 4	2 18	23 9	0 6	14 31	2 3	6 9	0 48	22 0	0 33	13 57	17 22	9 31	9 32	18 57	3 4	3 25
F 22	9 13	28 17	4 46	1 42	1 19	10 58	5 3	23 11	2 18	23 9	0 6	14 32	2 3	6 10	0 48	22 0	0 33	13 58	17 22	9 31	9 33	18 55	3 3	3 25
S 23	8 52	26 34	4 2	2 20	1 27	11 18	5 13	23 18	2 17	23 8	0 6	14 33	2 3	6 11	0 48	22 1	0 33	13 59	17 23	9 31	9 35	18 52	3 2	3 25
S 24	8 30	23 1	3 2	2 58	1 36	11 37	5 22	23 25	2 17	23 8	0 6	14 35	2 2	6 12	0 48	22 1	0 33	13 59	17 23	9 31	9 36	18 49	3 1	3 25
M25	8 8	17 54	1 48	3 34	1 44	11 56	5 31	23 32	2 17	23 7	0 6	14 36	2 2	6 13	0 48	22 1	0 33	14 0	17 23	9 31	9 37	18 47	3 0	3 25
T 26	7 46	11 39	0 26	4 10	1 53	12 14	5 40	23 38	2 17	23 6	0 5	14 38	2 2	6 14	0 48	22 1	0 33	14 0	17 23	9 31	9 38	18 44	2 59	3 25
W27	7 24	4 46	0s57	4 45	2 1	12 31	5 49	23 45	2 17	23 6	0 5	14 39	2 2	6 15	0 48	22 1	0 33	14 1	17 23	9 31	9 39	18 41	2 58	3 25
T 28	7 1	2s17	2 15	5 20	2 9	12 48	5 58	23 51	2 17	23 5	0 5	14 40	2 1	6 16	0 48	22 1	0 32	14 1	17 23	9 31	9 40	18 38	2 57	3 25
F 29	6 39	9 4	3 22	5 53	2 18	13 4	6 6	23 57	2 16	23 5	0 5	14 42	2 1	6 17	0 48	22 1	0 32	14 2	17 23	9 31	9 42	18 36	2 56	3 25
S 30	6 16	15 12	4 16	6 25	2 26	13 19	6 15	24 3	2 16	23 4	0 5	14 43	2 1	6 18	0 48	22 1	0 32	14 2	17 24	9 32	9 43	18 33	2 55	3 25
S 31	5n54	20s24	4s53	6s56	2s33	13s33	6s24	24s 9	2s16	23n 3	0s 5	14s45	2n 1	6s19	0s48	22s 1	0n32	14s 3	17s24	9s32	9s44	18s30	2n54	3n25

Julian Day Number = 2209609.5, Delta T = 09m27s
Ecliptic obliquity = 23°31'40, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°30'04, Lahiri = 14°37'04 Julian Calendar 1 Aug. 1337 == Greg. Calendar 9 Aug. 1337

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ASTRODIENST EPHEMERIS for the year 1337
geocentric

SEPTEMBER 1337 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	23 11 48	16♍ 4'26	26♏ 5	12♎29	19♎41	9♐52	10♋16	16♏ 2	15°R54	16°R 2	4°R42	5°R28	4♓53	13♒58	29°R22	M 1
T 2	23 15 45	17° 3'05	8♐55	13°24	19°53	10°31	10°24	16° 7	15♓51	16♑ 1	4♈41	5♓28	4°50	14° 5	29♓19	T 2
W 3	23 19 41	18° 1'46	21°23	14°16	20° 4	11°10	10°33	16°11	15°49	16° 1	4°40	5°D28	4°47	14°12	29°17	W 3
T 4	23 23 38	19° 0'29	3♑35	15° 5	20°11	11°50	10°42	16°16	15°46	16° 0	4°39	5°28	4°44	14°18	29°14	T 4
F 5	23 27 34	19°59'13	15°35	15°50	20°17	12°29	10°50	16°21	15°44	16° 0	4°38	5°29	4°41	14°25	29°11	F 5
S 6	23 31 31	20°57'59	27°26	16°31	20°21	13° 9	10°58	16°26	15°41	15°59	4°37	5°31	4°38	14°32	29° 9	S 6
S 7	23 35 28	21°56'47	9♒15	17° 8	20°R22	13°49	11° 6	16°31	15°39	15°59	4°35	5°32	4°34	14°38	29° 6	S 7
M 8	23 39 24	22°55'36	21° 4	17°41	20°21	14°29	11°14	16°36	15°37	15°58	4°34	5°33	4°31	14°45	29° 3	M 8
T 9	23 43 21	23°54'28	2♓56	18° 9	20°17	15° 9	11°22	16°41	15°34	15°58	4°33	5°R34	4°28	14°52	29° 0	T 9
W10	23 47 17	24°53'21	14°56	18°32	20°11	15°49	11°30	16°46	15°32	15°58	4°32	5°33	4°25	14°58	28°57	W10
T 11	23 51 14	25°52'16	27° 3	18°49	20° 3	16°29	11°38	16°52	15°30	15°57	4°31	5°32	4°22	15° 5	28°55	T 11
F 12	23 55 10	26°51'14	9♈22	19° 1	19°52	17°10	11°45	16°57	15°27	15°57	4°30	5°30	4°18	15°11	28°52	F 12
S 13	23 59 7	27°50'13	21°51	19°R 6	19°39	17°51	11°53	17° 2	15°25	15°57	4°29	5°27	4°15	15°18	28°49	S 13
S 14	0 3 3	28°49'15	4♉34	19° 4	19°24	18°31	12° 0	17° 8	15°23	15°56	4°27	5°23	4°12	15°25	28°46	S 14
M15	0 7 0	29°48'19	17°29	18°55	19° 6	19°12	12° 7	17°13	15°20	15°56	4°26	5°19	4° 9	15°31	28°44	M15
T 16	0 10 56	0♎47'25	0♊39	18°38	18°46	19°53	12°14	17°19	15°18	15°56	4°25	5°16	4° 6	15°38	28°41	T 16
W17	0 14 53	1°46'34	14° 4	18°14	18°23	20°35	12°20	17°24	15°16	15°56	4°24	5°14	4° 3	15°45	28°38	W17
T 18	0 18 50	2°45'45	27°43	17°41	17°59	21°16	12°27	17°30	15°13	15°56	4°23	5°D13	3°59	15°51	28°35	T 18
F 19	0 22 46	3°44'58	11♋38	17° 1	17°33	21°57	12°33	17°36	15°11	15°56	4°22	5°13	3°56	15°58	28°32	F 19
S 20	0 26 43	4°44'14	25°48	16°13	17° 4	22°39	12°40	17°41	15° 9	15°D56	4°20	5°14	3°53	16° 5	28°30	S 20
S 21	0 30 39	5°43'32	10♌12	15°19	16°34	23°21	12°46	17°47	15° 7	15°56	4°19	5°15	3°50	16°11	28°27	S 21
M22	0 34 36	6°42'53	24°47	14°17	16° 3	24° 2	12°52	17°53	15° 5	15°56	4°18	5°17	3°47	16°18	28°24	M22
T 23	0 38 32	7°42'15	9♍28	13°11	15°30	24°44	12°58	17°59	15° 2	15°56	4°17	5°R17	3°44	16°25	28°21	T 23
W24	0 42 29	8°41'40	24°10	12° 1	14°56	25°26	13° 3	18° 5	15° 0	15°56	4°16	5°16	3°40	16°31	28°19	W24
T 25	0 46 25	9°41'07	8♎45	10°49	14°21	26° 9	13° 9	18°11	14°58	15°56	4°15	5°13	3°37	16°38	28°16	T 25
F 26	0 50 22	10°40'36	23° 8	9°37	13°45	26°51	13°14	18°17	14°56	15°57	4°13	5° 8	3°34	16°45	28°13	F 26
S 27	0 54 19	11°40'08	7♏12	8°26	13° 9	27°33	13°19	18°23	14°54	15°57	4°12	5° 2	3°31	16°51	28°11	S 27
S 28	0 58 15	12°39'41	20°54	7°20	12°32	28°16	13°24	18°29	14°52	15°57	4°11	4°56	3°28	16°58	28° 8	S 28
M29	1 2 12	13°39'16	4♐11	6°20	11°56	28°58	13°29	18°35	14°50	15°57	4°10	4°50	3°24	17° 5	28° 5	M29
T 30	1 6 8	14♎38'53	17♐ 4	5♎27	11♎19	29♐41	13♋34	18♏42	14♓48	15♑58	4♈ 9	4♓46	3♓21	17♒11	28♓ 3	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	5n31	24s24	5s13	7s25	2s41	13s46	6s32	24s15	2s16	23n 3	0s 5	14s46	2n 1	6s20	0s48	22s 2	0n32	14s 4	17s24	9s32	9s45	18s27	2n53	3n25
T 2	5 8	27 5	5 16	7 54	2 48	13 59	6 41	24 20	2 15	23 2	0 5	14 48	2 0	6 21	0 48	22 2	0 32	14 4	17 24	9 33	9 46	18 25	2 52	3 25
W 3	4 45	28 19	5 5	8 20	2 56	14 10	6 49	24 26	2 15	23 2	0 5	14 49	2 0	6 22	0 48	22 2	0 32	14 5	17 24	9 33	9 47	18 22	2 50	3 25
T 4	4 22	28 8	4 40	8 46	3 2	14 21	6 57	24 31	2 15	23 1	0 5	14 51	2 0	6 22	0 48	22 2	0 32	14 5	17 24	9 32	9 49	18 19	2 49	3 25
F 5	3 59	26 38	4 3	9 9	3 9	14 30	7 5	24 36	2 14	23 1	0 4	14 53	2 0	6 23	0 48	22 2	0 32	14 6	17 24	9 32	9 50	18 17	2 48	3 25
S 6	3 36	23 57	3 16	9 31	3 15	14 38	7 12	24 41	2 14	23 0	0 4	14 54	2 0	6 24	0 48	22 2	0 32	14 6	17 24	9 32	9 51	18 14	2 47	3 25
S 7	3 12	20 16	2 21	9 50	3 21	14 45	7 20	24 45	2 14	22 59	0 4	14 56	1 59	6 25	0 48	22 2	0 32	14 7	17 24	9 31	9 52	18 11	2 46	3 25
M 8	2 49	15 47	1 19	10 8	3 26	14 51	7 26	24 50	2 13	22 59	0 4	14 57	1 59	6 26	0 48	22 2	0 32	14 7	17 25	9 31	9 53	18 8	2 45	3 25
T 9	2 26	10 41	0 14	10 23	3 30	14 56	7 33	24 54	2 13	22 58	0 4	14 59	1 59	6 27	0 48	22 2	0 32	14 8	17 25	9 30	9 54	18 5	2 44	3 25
W10	2 2	5 10	0n52	10 35	3 34	14 59	7 39	24 58	2 13	22 58	0 4	15 1	1 59	6 28	0 48	22 2	0 32	14 8	17 25	9 30	9 56	18 3	2 43	3 25
T 11	1 39	0n36	1 56	10 44	3 37	15 1	7 45	25 2	2 12	22 57	0 4	15 2	1 59	6 29	0 48	22 2	0 32	14 9	17 25	9 31	9 57	18 0	2 41	3 24
F 12	1 15	6 25	2 56	10 51	3 39	15 2	7 50	25 6	2 12	22 57	0 4	15 4	1 59	6 30	0 48	22 2	0 32	14 9	17 25	9 32	9 58	17 57	2 40	3 24
S 13	0 52	12 4	3 48	10 54	3 40	15 1	7 55	25 9	2 11	22 56	0 4	15 6	1 58	6 31	0 48	22 2	0 32	14 10	17 25	9 33	9 59	17 54	2 39	3 24
S 14	0 28	17 19	4 30	10 53	3 40	14 59	7 59	25 12	2 11	22 56	0 4	15 7	1 58	6 32	0 48	22 3	0 32	14 10	17 25	9 34	10 0	17 52	2 38	3 24
M15	0 5	21 53	4 59	10 49	3 39	14 55	8 2	25 15	2 11	22 55	0 3	15 9	1 58	6 33	0 48	22 3	0 32	14 11	17 25	9 36	10 1	17 49	2 37	3 24
T 16	0s19	25 28	5 13	10 40	3 37	14 50	8 5	25 18	2 10	22 54	0 3	15 11	1 58	6 33	0 48	22 3	0 32	14 11	17 25	9 37	10 3	17 46	2 36	3 24
W17	0 43	27 42	5 10	10 27	3 33	14 43	8 7	25 21	2 10	22 54	0 3	15 12	1 58	6 34	0 48	22 3	0 32	14 12	17 25	9 38	10 4	17 43	2 34	3 24
T 18	1 6	28 21	4 50	10 9	3 27	14 35	8 9	25 23	2 9	22 53	0 3	15 14	1 57	6 35	0 48	22 3	0 32	14 12	17 25	9 38	10 5	17 40	2 33	3 24
F 19	1 30	27 13	4 13	9 47	3 19	14 26	8 9	25 25	2 9	22 53	0 3	15 16	1 57	6 36	0 48	22 3	0 32	14 13	17 25	9 38	10 6	17 38	2 32	3 24
S 20	1 53	24 20	3 20	9 20	3 10	14 14	8 9	25 27	2 8	22 52	0 3	15 18	1 57	6 37	0 48	22 3	0 32	14 13	17 25	9 38	10 7	17 35	2 31	3 24
S 21	2 17	19 53	2 13	8 48	2 59	14 2	8 8	25 29	2 8	22 52	0 3	15 20	1 57	6 38	0 48	22 3	0 32	14 14	17 25	9 37	10 8	17 32	2 30	3 24
M22	2 41	14 13	0 57	8 12	2 46	13 48	8 6	25 31	2 7	22 51	0 3	15 21	1 57	6 39	0 48	22 3	0 32	14 14	17 25	9 37	10 10	17 29	2 28	3 24
T 23	3 4	7 42	0s23	7 32	2 31	13 32	8 3	25 32	2 7	22 51	0 3	15 23	1 57	6 39	0 48	22 3	0 32	14 14	17 25	9 37	10 11	17 26	2 27	3 24
W24	3 28	0 47	1 41	6 50	2 14	13 16	8 0	25 33	2 6	22 51	0 2	15 25	1 56	6 40	0 48	22 3	0 32	14 15	17 25	9 37	10 12	17 24	2 26	3 23
T 25	3 51	6s 7	2 53	6 5	1 56	12 58	7 55	25 34	2 6	22 50	0 2	15 27	1 56	6 41	0 48	22 3	0 32	14 15	17 25	9 38	10 13	17 21	2 25	3 23
F 26	4 14	12 36	3 52	5 18	1 37	12 39	7 50	25 35	2 5	22 50	0 2	15 29	1 56	6 42	0 48	22 3	0 32	14 16	17 25	9 40	10 14	17 18	2 24	3 23
S 27	4 38	18 18	4 35	4 32	1 17	12 19	7 43	25 35	2 5	22 49	0 2	15 30	1 56	6 43	0 48	22 3	0 32	14 16	17 25	9 42	10 15	17 15	2 23	3 23
S 28	5 1	22 53	5 1	3 47	0 56	11 58	7 36	25 35	2 4	22 49	0 2	15 32	1 56	6 43	0 48	22 3	0 32	14 17	17 25	9 44	10 16	17 12	2 21	3 23
M29	5 24	26 9	5 11	3 4	0 36	11 36	7 28	25 35	2 4	22 49	0 2	15 34	1 56	6 44	0 48	22 3	0 32	14 17	17 25	9 46	10 18	17 9	2 20	3 23
T 30	5s48	27s56	5s 4	2s25	0s15	11s13	7s19	25s35	2s 3	22n48	0s 2	15s36	1n56	6s45	0s48	22s 3	0n32	14s17	17s25	9s48	10s19	17s 7	2n19	3n23

Julian Day Number = 2209640.5, Delta T = 09m27s
Ecliptic obliquity = 23°31'40, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°30'08, Lahiri = 14°37'08 Julian Calendar 1 Sept. 1337 == Greg. Calendar 9 Sept. 1337

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ASTRODIENST EPHEMERIS for the year 1337
geocentric

OCTOBER 1337 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	1 10 5	15♎38'31	29♐35	4°R44	10°R43	0♑24	13♋38	18♏48	14°R46	15♑58	4°R 8	4°R42	3♓18	17♒18	28°R 0	W 1
T 2	1 14 1	16°38'12	11♑48	4♎11	10♎ 8	1° 7	13°43	18°54	14♓44	15°58	4♈ 6	4°D41	3°15	17°25	27♓57	T 2
F 3	1 17 58	17°37'54	23°47	3°49	9°34	1°50	13°47	19° 1	14°42	15°59	4° 5	4♓41	3°12	17°31	27°55	F 3
S 4	1 21 54	18°37'38	5♒39	3°D38	9° 1	2°33	13°51	19° 7	14°40	15°59	4° 4	4°42	3° 9	17°38	27°52	S 4
S 5	1 25 51	19°37'24	17°27	3°39	8°29	3°16	13°55	19°14	14°38	16° 0	4° 3	4°44	3° 5	17°44	27°50	S 5
M 6	1 29 48	20°37'11	29°17	3°50	7°58	3°59	13°58	19°20	14°36	16° 0	4° 2	4°R45	3° 2	17°51	27°47	M 6
T 7	1 33 44	21°37'00	11♓13	4°12	7°30	4°43	14° 2	19°27	14°35	16° 1	4° 1	4°45	2°59	17°58	27°45	T 7
W 8	1 37 41	22°36'51	23°19	4°43	7° 3	5°26	14° 5	19°33	14°33	16° 1	4° 0	4°43	2°56	18° 4	27°42	W 8
T 9	1 41 37	23°36'44	5♈39	5°24	6°38	6° 9	14° 8	19°40	14°31	16° 2	3°59	4°39	2°53	18°11	27°40	T 9
F 10	1 45 34	24°36'38	18°13	6°13	6°15	6°53	14°11	19°46	14°29	16° 3	3°58	4°32	2°50	18°18	27°37	F 10
S 11	1 49 30	25°36'35	1♉ 3	7° 9	5°55	7°37	14°13	19°53	14°28	16° 3	3°56	4°24	2°46	18°24	27°35	S 11
S 12	1 53 27	26°36'34	14° 8	8°12	5°37	8°20	14°16	20° 0	14°26	16° 4	3°55	4°15	2°43	18°31	27°33	S 12
M13	1 57 23	27°36'34	27°26	9°20	5°21	9° 4	14°18	20° 6	14°25	16° 5	3°54	4° 5	2°40	18°38	27°30	M13
T 14	2 1 20	28°36'37	10♊57	10°33	5° 8	9°48	14°20	20°13	14°23	16° 6	3°53	3°57	2°37	18°44	27°28	T 14
W15	2 5 17	29°36'42	24°38	11°51	4°57	10°32	14°22	20°20	14°22	16° 6	3°52	3°50	2°34	18°51	27°26	W15
T 16	2 9 13	0♏36'49	8♋28	13°12	4°49	11°16	14°24	20°27	14°20	16° 7	3°51	3°45	2°30	18°58	27°24	T 16
F 17	2 13 10	1°36'58	22°24	14°36	4°43	12° 0	14°25	20°33	14°19	16° 8	3°50	3°43	2°27	19° 4	27°21	F 17
S 18	2 17 6	2°37'09	6♌27	16° 2	4°40	12°44	14°27	20°40	14°17	16° 9	3°49	3°D43	2°24	19°11	27°19	S 18
S 19	2 21 3	3°37'23	20°35	17°31	4°D39	13°29	14°28	20°47	14°16	16°10	3°48	3°43	2°21	19°18	27°17	S 19
M20	2 24 59	4°37'38	4♍48	19° 1	4°41	14°13	14°29	20°54	14°15	16°11	3°47	3°R44	2°18	19°24	27°15	M20
T 21	2 28 56	5°37'56	19° 3	20°33	4°45	14°57	14°30	21° 1	14°14	16°12	3°46	3°43	2°15	19°31	27°13	T 21
W22	2 32 52	6°38'15	3♎18	22° 6	4°51	15°42	14°30	21° 8	14°12	16°13	3°45	3°39	2°11	19°37	27°11	W22
T 23	2 36 49	7°38'36	17°29	23°40	4°59	16°26	14°30	21°15	14°11	16°14	3°44	3°33	2° 8	19°44	27° 9	T 23
F 24	2 40 46	8°39'00	1♏32	25°14	5°10	17°11	14°R31	21°22	14°10	16°15	3°43	3°25	2° 5	19°51	27° 7	F 24
S 25	2 44 42	9°39'25	15°21	26°49	5°23	17°55	14°31	21°29	14° 9	16°16	3°43	3°14	2° 2	19°57	27° 5	S 25
S 26	2 48 39	10°39'52	28°53	28°25	5°38	18°40	14°30	21°36	14° 8	16°18	3°42	3° 2	1°59	20° 4	27° 4	S 26
M27	2 52 35	11°40'20	12♐ 4	0♏ 1	5°56	19°25	14°30	21°43	14° 7	16°19	3°41	2°50	1°56	20°11	27° 2	M27
T 28	2 56 32	12°40'50	24°55	1°36	6°15	20°10	14°29	21°50	14° 6	16°20	3°40	2°40	1°52	20°17	27° 0	T 28
W29	3 0 28	13°41'21	7♑26	3°12	6°36	20°54	14°28	21°57	14° 5	16°21	3°39	2°32	1°49	20°24	26°58	W29
T 30	3 4 25	14°41'54	19°39	4°48	6°59	21°39	14°27	22° 4	14° 4	16°23	3°38	2°27	1°46	20°31	26°57	T 30
F 31	3 8 21	15♏42'28	1♒39	6♏24	7♎24	22♑24	14♋26	22♏11	14♓ 4	16♑24	3♈37	2♓24	1♓43	20♒37	26♓55	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	6s11	28s14	4s42	1s50	0n 4	10s50	7s10	25s34	2s 2	22n48	0s 2	15s38	1n55	6s46	0s48	22s 3	0n32	14s18	17s25	9s49	10s20	17s 4	2n18	3n23
T 2	6 34	27 7	4 8	1 19	0 23	10 27	6 59	25 33	2 2	22 48	0 2	15 40	1 55	6 46	0 48	22 3	0 31	14 18	17 25	9 50	10 21	17 1	2 17	3 23
F 3	6 57	24 46	3 24	0 55	0 40	10 3	6 48	25 32	2 1	22 47	0 1	15 41	1 55	6 47	0 48	22 3	0 31	14 18	17 24	9 50	10 22	16 58	2 16	3 22
S 4	7 20	21 22	2 31	0 36	0 56	9 39	6 36	25 31	2 1	22 47	0 1	15 43	1 55	6 48	0 48	22 3	0 31	14 19	17 24	9 49	10 23	16 55	2 14	3 22
S 5	7 42	17 8	1 32	0 23	1 10	9 15	6 24	25 29	2 0	22 47	0 1	15 45	1 55	6 48	0 48	22 3	0 31	14 19	17 24	9 49	10 25	16 52	2 13	3 22
M 6	8 5	12 14	0 30	0 16	1 23	8 51	6 11	25 27	1 59	22 46	0 1	15 47	1 55	6 49	0 48	22 3	0 31	14 20	17 24	9 48	10 26	16 49	2 12	3 22
T 7	8 27	6 51	0n35	0 15	1 34	8 28	5 58	25 25	1 59	22 46	0 1	15 49	1 55	6 50	0 48	22 3	0 31	14 20	17 24	9 48	10 27	16 47	2 11	3 22
W 8	8 50	1 9	1 39	0 19	1 43	8 4	5 44	25 23	1 58	22 46	0 1	15 51	1 55	6 50	0 48	22 3	0 31	14 20	17 24	9 49	10 28	16 44	2 10	3 22
T 9	9 12	4n41	2 39	0 28	1 51	7 42	5 30	25 20	1 57	22 46	0 1	15 53	1 54	6 51	0 48	22 3	0 31	14 21	17 24	9 51	10 29	16 41	2 9	3 22
F 10	9 34	10 26	3 32	0 41	1 57	7 20	5 16	25 18	1 57	22 46	0 1	15 55	1 54	6 52	0 48	22 3	0 31	14 21	17 24	9 53	10 30	16 38	2 8	3 21
S 11	9 56	15 52	4 16	0 59	2 2	6 58	5 2	25 14	1 56	22 45	0 1	15 56	1 54	6 52	0 48	22 2	0 31	14 21	17 24	9 56	10 31	16 35	2 7	3 21
S 12	10 18	20 42	4 47	1 21	2 5	6 38	4 47	25 11	1 55	22 45	0 0	15 58	1 54	6 53	0 48	22 2	0 31	14 21	17 23	9 59	10 33	16 32	2 6	3 21
M13	10 40	24 35	5 4	1 45	2 8	6 18	4 32	25 7	1 55	22 45	0 0	16 0	1 54	6 54	0 48	22 2	0 31	14 22	17 23	10 3	10 34	16 29	2 5	3 21
T 14	11 1	27 10	5 3	2 13	2 9	5 59	4 18	25 4	1 54	22 45	0 0	16 2	1 54	6 54	0 48	22 2	0 31	14 22	17 23	10 6	10 35	16 26	2 3	3 21
W15	11 23	28 11	4 46	2 43	2 9	5 41	4 3	25 0	1 53	22 45	0 0	16 4	1 54	6 55	0 48	22 2	0 31	14 22	17 23	10 8	10 36	16 23	2 2	3 21
T 16	11 44	27 27	4 12	3 15	2 9	5 25	3 48	24 55	1 53	22 45	0n 0	16 6	1 54	6 55	0 48	22 2	0 31	14 22	17 23	10 10	10 37	16 21	2 1	3 20
F 17	12 5	24 59	3 22	3 49	2 7	5 9	3 34	24 51	1 52	22 45	0 0	16 8	1 54	6 56	0 48	22 2	0 31	14 23	17 23	10 11	10 38	16 18	2 0	3 20
S 18	12 26	21 0	2 21	4 25	2 5	4 54	3 19	24 46	1 51	22 45	0 0	16 10	1 54	6 56	0 48	22 2	0 31	14 23	17 22	10 11	10 39	16 15	1 59	3 20
S 19	12 46	15 47	1 10	5 1	2 2	4 41	3 5	24 41	1 51	22 45	0 0	16 12	1 53	6 57	0 48	22 2	0 31	14 23	17 22	10 11	10 41	16 12	1 58	3 20
M20	13 7	9 42	0s 6	5 39	1 59	4 29	2 51	24 35	1 50	22 45	0 1	16 13	1 53	6 57	0 48	22 2	0 31	14 23	17 22	10 11	10 42	16 9	1 57	3 20
T 21	13 27	3 6	1 21	6 17	1 55	4 18	2 37	24 30	1 49	22 45	0 1	16 15	1 53	6 58	0 47	22 2	0 31	14 24	17 22	10 11	10 43	16 6	1 56	3 19
W22	13 47	3s37	2 31	6 56	1 50	4 8	2 23	24 24	1 48	22 45	0 1	16 17	1 53	6 58	0 47	22 2	0 31	14 24	17 22	10 12	10 44	16 3	1 55	3 19
T 23	14 7	10 8	3 31	7 35	1 45	3 59	2 10	24 18	1 48	22 45	0 1	16 19	1 53	6 58	0 47	22 2	0 31	14 24	17 21	10 14	10 45	16 0	1 54	3 19
F 24	14 26	16 4	4 18	8 15	1 40	3 51	1 57	24 11	1 47	22 45	0 1	16 21	1 53	6 59	0 47	22 1	0 31	14 24	17 21	10 18	10 46	15 57	1 53	3 19
S 25	14 46	21 5	4 48	8 54	1 35	3 44	1 44	24 5	1 46	22 45	0 1	16 23	1 53	6 59	0 47	22 1	0 31	14 24	17 21	10 21	10 47	15 54	1 53	3 19
S 26	15 5	24 53	5 2	9 34	1 29	3 39	1 31	23 58	1 45	22 45	0 1	16 25	1 53	7 0	0 47	22 1	0 31	14 24	17 21	10 26	10 49	15 51	1 52	3 18
M27	15 23	27 15	4 59	10 13	1 23	3 34	1 19	23 51	1 45	22 46	0 2	16 27	1 53	7 0	0 47	22 1	0 31	14 25	17 21	10 30	10 50	15 48	1 51	3 18
T 28	15 42	28 6	4 40	10 52	1 17	3 31	1 7	23 43	1 44	22 46	0 2	16 29	1 53	7 0	0 47	22 1	0 31	14 25	17 20	10 34	10 51	15 45	1 50	3 18
W29	16 0	27 27	4 9	11 31	1 11	3 29	0 55	23 36	1 43	22 46	0 2	16 30	1 53	7 1	0 47	22 1	0 31	14 25	17 20	10 37	10 52	15 43	1 49	3 18
T 30	16 18	25 29	3 26	12 10	1 4	3 27	0 44	23 28	1 42	22 46	0 2	16 32	1 53	7 1	0 47	22 1	0 31	14 25	17 20	10 38	10 53	15 40	1 48	3 18
F 31	16s36	22s24	2s36	12s48	0n58	3s27	0s33	23s20	1s41	22n47	0n 2	16s34	1n53	7s 1	0s47	22s 1	0n31	14s25	17s20	10s40	10s54	15s37	1n47	3n17

Julian Day Number = 2209670.5, Delta T = 09m27s
Ecliptic obliquity = 23°31'40, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°30'12, Lahiri = 14°37'12 Julian Calendar 1 Oct. 1337 == Greg. Calendar 9 Oct. 1337

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1337
geocentric

NOVEMBER 1337 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	3 12 18	16♏43'03	13♒30	8♏ 0	7♎50	23♉ 9	14°R25	22♏18	14°R 3	16♉25	3°R37	2°D23	1♓40	20♒44	26°R53	S 1
S 2	3 16 15	17°43'40	25°17	9°36	8°18	23°54	14♋23	22°25	14♓ 2	16°27	3♈36	2♓23	1°36	20°51	26♓52	S 2
M 3	3 20 11	18°44'17	7♓ 8	11°12	8°48	24°39	14°21	22°32	14° 1	16°28	3°35	2°R23	1°33	20°57	26°50	M 3
T 4	3 24 8	19°44'56	19° 5	12°47	9°19	25°24	14°19	22°39	14° 1	16°29	3°34	2°22	1°30	21° 4	26°49	T 4
W 5	3 28 4	20°45'36	1♈16	14°23	9°52	26° 9	14°17	22°46	14° 0	16°31	3°33	2°19	1°27	21°11	26°48	W 5
T 6	3 32 1	21°46'17	13°43	15°58	10°27	26°55	14°14	22°53	14° 0	16°32	3°33	2°13	1°24	21°17	26°46	T 6
F 7	3 35 57	22°47'00	26°29	17°33	11° 2	27°40	14°12	23° 0	13°59	16°34	3°32	2° 4	1°21	21°24	26°45	F 7
S 8	3 39 54	23°47'44	9♉37	19° 8	11°40	28°25	14° 9	23° 7	13°59	16°35	3°31	1°53	1°17	21°31	26°44	S 8
S 9	3 43 50	24°48'29	23° 4	20°43	12°18	29°10	14° 6	23°15	13°59	16°37	3°31	1°40	1°14	21°37	26°43	S 9
M10	3 47 47	25°49'15	6♊48	22°18	12°58	29°56	14° 3	23°22	13°58	16°38	3°30	1°27	1°11	21°44	26°42	M10
T 11	3 51 44	26°50'03	20°47	23°53	13°39	0♒41	13°59	23°29	13°58	16°40	3°29	1°15	1° 8	21°50	26°41	T 11
W12	3 55 40	27°50'52	4♋54	25°27	14°21	1°26	13°56	23°36	13°58	16°42	3°29	1° 5	1° 5	21°57	26°40	W12
T 13	3 59 37	28°51'43	19° 5	27° 2	15° 4	2°12	13°52	23°43	13°58	16°43	3°28	0°58	1° 2	22° 4	26°39	T 13
F 14	4 3 33	29°52'35	3♌17	28°36	15°48	2°57	13°48	23°50	13°58	16°45	3°28	0°54	0°58	22°10	26°38	F 14
S 15	4 7 30	0♐53'28	17°26	0♐11	16°34	3°42	13°44	23°57	13°D58	16°47	3°27	0°53	0°55	22°17	26°37	S 15
S 16	4 11 26	1°54'23	1♍32	1°45	17°20	4°28	13°39	24° 4	13°58	16°48	3°26	0°52	0°52	22°24	26°36	S 16
M17	4 15 23	2°55'19	15°34	3°19	18° 7	5°13	13°35	24°11	13°58	16°50	3°26	0°52	0°49	22°30	26°35	M17
T 18	4 19 19	3°56'16	29°30	4°53	18°55	5°59	13°30	24°18	13°58	16°52	3°25	0°50	0°46	22°37	26°35	T 18
W19	4 23 16	4°57'15	13♎21	6°28	19°44	6°44	13°25	24°25	13°58	16°54	3°25	0°46	0°42	22°44	26°34	W19
T 20	4 27 13	5°58'14	27° 6	8° 2	20°34	7°30	13°20	24°32	13°58	16°56	3°25	0°39	0°39	22°50	26°33	T 20
F 21	4 31 9	6°59'16	10♏41	9°36	21°25	8°15	13°15	24°39	13°59	16°57	3°24	0°29	0°36	22°57	26°33	F 21
S 22	4 35 6	8° 0'18	24° 7	11°11	22°17	9° 1	13°10	24°46	13°59	16°59	3°24	0°17	0°33	23° 4	26°32	S 22
S 23	4 39 2	9° 1'21	7♐18	12°45	23° 9	9°47	13° 4	24°53	13°59	17° 1	3°23	0° 3	0°30	23°10	26°32	S 23
M24	4 42 59	10° 2'25	20°15	14°19	24° 2	10°32	12°59	25° 0	14° 0	17° 3	3°23	29♒50	0°27	23°17	26°32	M24
T 25	4 46 55	11° 3'30	2♉56	15°54	24°56	11°18	12°53	25° 7	14° 0	17° 5	3°23	29°37	0°23	23°24	26°31	T 25
W26	4 50 52	12° 4'35	15°20	17°29	25°50	12° 4	12°47	25°14	14° 1	17° 7	3°22	29°27	0°20	23°30	26°31	W26
T 27	4 54 48	13° 5'41	27°30	19° 3	26°45	12°49	12°41	25°21	14° 1	17° 9	3°22	29°20	0°17	23°37	26°31	T 27
F 28	4 58 45	14° 6'48	9♒28	20°38	27°41	13°35	12°34	25°27	14° 2	17°11	3°22	29°16	0°14	23°43	26°31	F 28
S 29	5 2 42	15° 7'55	21°18	22°13	28°37	14°21	12°28	25°34	14° 3	17°13	3°21	29°14	0°11	23°50	26°31	S 29
S 30	5 6 38	16♐ 9'02	3♓ 4	23♐48	29♎34	15♒ 6	12♋22	25♏41	14♓ 3	17♉15	3°♈21	29°D14	0♓ 8	23♒57	26°D31	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	16s54	18s24	1s39	13s25	0n51	3s27	0s22	23s11	1s41	22n47	0n 2	16s36	1n52	7s 1	0s47	22s 0	0n31	14s25	17s19	10s40	10s55	15s34	1n46	3n17	
S 2	17 11	13 44	0 38	14 2	0 44	3 29	0 12	23 3	1 40	22 47	0 2	16 38	1 52	7 2	0 47	22 0	0 31	14 25	17 19	10 40	10 57	15 31	1 46	3 17	
M 3	17 28	8 32	0n25	14 39	0 38	3 32	0 2	22 54	1 39	22 48	0 2	16 40	1 52	7 2	0 47	22 0	0 31	14 25	17 19	10 40	10 58	15 28	1 45	3 17	
T 4	17 44	3 0	1 27	15 15	0 31	3 35	0n 8	22 45	1 38	22 48	0 3	16 41	1 52	7 2	0 47	22 0	0 31	14 25	17 19	10 40	10 59	15 25	1 44	3 17	
W 5	18 1	2n45	2 27	15 50	0 24	3 39	0 18	22 35	1 37	22 48	0 3	16 43	1 52	7 2	0 47	22 0	0 31	14 25	17 18	10 41	11 0	15 22	1 43	3 16	
T 6	18 17	8 30	3 20	16 24	0 17	3 44	0 27	22 26	1 37	22 49	0 3	16 45	1 52	7 2	0 47	22 0	0 31	14 25	17 18	10 44	11 1	15 19	1 43	3 16	
F 7	18 32	14 4	4 5	16 58	0 10	3 50	0 36	22 16	1 36	22 49	0 3	16 47	1 52	7 2	0 47	22 0	0 31	14 25	17 18	10 47	11 2	15 16	1 42	3 16	
S 8	18 47	19 8	4 38	17 31	0 4	3 57	0 44	22 6	1 35	22 50	0 3	16 49	1 52	7 3	0 47	21 59	0 30	14 25	17 17	10 51	11 3	15 13	1 41	3 16	
S 9	19 2	23 23	4 57	18 3	0s 3	4 4	0 53	21 56	1 34	22 50	0 3	16 51	1 52	7 3	0 47	21 59	0 30	14 25	17 17	10 55	11 4	15 10	1 41	3 16	
M10	19 17	26 26	4 59	18 34	0 10	4 12	1 1	21 46	1 33	22 51	0 3	16 52	1 52	7 3	0 47	21 59	0 30	14 25	17 17	11 0	11 6	15 7	1 40	3 15	
T 11	19 31	27 55	4 43	19 5	0 17	4 21	1 8	21 35	1 32	22 51	0 4	16 54	1 52	7 3	0 47	21 59	0 30	14 25	17 17	11 4	11 7	15 4	1 39	3 15	
W12	19 45	27 36	4 10	19 34	0 23	4 31	1 16	21 24	1 32	22 52	0 4	16 56	1 52	7 3	0 47	21 59	0 30	14 25	17 16	11 8	11 8	15 1	1 39	3 15	
T 13	19 59	25 29	3 21	20 3	0 30	4 41	1 23	21 13	1 31	22 52	0 4	16 58	1 52	7 3	0 47	21 58	0 30	14 25	17 16	11 10	11 9	14 58	1 38	3 15	
F 14	20 12	21 46	2 20	20 30	0 36	4 52	1 30	21 2	1 30	22 53	0 4	16 59	1 52	7 3	0 47	21 58	0 30	14 25	17 16	11 12	11 10	14 55	1 38	3 14	
S 15	20 25	16 47	1 10	20 57	0 42	5 3	1 36	20 50	1 29	22 53	0 4	17 1	1 52	7 3	0 47	21 58	0 30	14 25	17 15	11 12	11 11	14 52	1 37	3 14	
S 16	20 37	10 55	0s 4	21 23	0 48	5 15	1 43	20 38	1 28	22 54	0 4	17 3	1 52	7 3	0 46	21 58	0 30	14 25	17 15	11 12	11 12	14 49	1 36	3 14	
M17	20 49	4 32	1 17	21 47	0 54	5 28	1 49	20 27	1 27	22 54	0 5	17 5	1 52	7 3	0 46	21 58	0 30	14 25	17 15	11 12	11 14	14 46	1 36	3 14	
T 18	21 1	2s 1	2 25	22 11	1 0	5 41	1 54	20 14	1 26	22 55	0 5	17 6	1 52	7 3	0 46	21 58	0 30	14 25	17 14	11 13	11 15	14 43	1 35	3 13	
W19	21 12	8 25	3 24	22 33	1 6	5 54	2 0	20 2	1 26	22 56	0 5	17 8	1 52	7 3	0 46	21 57	0 30	14 25	17 14	11 14	11 16	14 40	1 35	3 13	
T 20	21 23	14 22	4 11	22 54	1 12	6 8	2 5	19 50	1 25	22 56	0 5	17 10	1 52	7 2	0 46	21 57	0 30	14 25	17 14	11 17	11 17	14 37	1 35	3 13	
F 21	21 33	19 33	4 43	23 14	1 17	6 22	2 10	19 37	1 24	22 57	0 5	17 12	1 52	7 2	0 46	21 57	0 30	14 25	17 13	11 21	11 18	14 34	1 34	3 13	
S 22	21 43	23 41	4 58	23 33	1 22	6 37	2 15	19 24	1 23	22 58	0 5	17 13	1 52	7 2	0 46	21 57	0 30	14 24	17 13	11 25	11 19	14 31	1 34	3 12	
S 23	21 53	26 30	4 58	23 51	1 27	6 52	2 19	19 11	1 22	22 58	0 5	17 15	1 52	7 2	0 46	21 56	0 30	14 24	17 13	11 30	11 20	14 28	1 33	3 12	
M24	22 2	27 51	4 42	24 8	1 32	7 8	2 24	18 58	1 21	22 59	0 6	17 17	1 52	7 2	0 46	21 56	0 30	14 24	17 12	11 34	11 21	14 25	1 33	3 12	
T 25	22 11	27 41	4 12	24 23	1 37	7 24	2 28	18 44	1 20	23 0	0 6	17 18	1 52	7 2	0 46	21 56	0 30	14 24	17 12	11 39	11 23	14 22	1 33	3 12	
W26	22 19	26 7	3 30	24 37	1 41	7 40	2 32	18 31	1 19	23 0	0 6	17 20	1 52	7 1	0 46	21 56	0 30	14 24	17 12	11 42	11 24	14 19	1 32	3 12	
T 27	22 27	23 21	2 40	24 50	1 45	7 56	2 35	18 17	1 18	23 1	0 6	17 22	1 52	7 1	0 46	21 56	0 30	14 23	17 11	11 45	11 25	14 16	1 32	3 11	
F 28	22 35	19 36	1 43	25 1	1 49	8 13	2 39	18 3	1 18	23 2	0 6	17 23	1 52	7 1	0 46	21 55	0 30	14 23	17 11	11 46	11 26	14 13	1 32	3 11	
S 29	22 42	15 7	0 42	25 11	1 53	8 30	2 42	17 49	1 17	23 3	0 6	17 25	1 52	7 0	0 46	21 55	0 30	14 23	17 11	11 47	11 27	14 10	1 32	3 11	
S 30	22s48	10s 6	0n20	25s19	1s56	8s47	2n45	17s34	1s16	23n 3	0n 6	17s26	1n52	7s 0	0s46	21s55	0n30	14s23	17s10	11s47	11s28	14s 7	1n31	3n11	

Julian Day Number = 2209701.5, Delta T = 09m27s
Ecliptic obliquity = 23°31'39, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°30'16, Lahiri = 14°37'17 Julian Calendar 1 Nov. 1337 == Greg. Calendar 9 Nov. 1337

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ASTRODIENST EPHEMERIS for the year 1337
geocentric

DECEMBER 1337 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	5 10 35	17♐10'09	14♓53	25♐23	0♏31	15♒52	12°R15	25♏48	14♓ 4	17♑17	3°R21	29°R14	0♓ 4	24♒ 3	26♓31	M 1
T 2	5 14 31	18°11'17	26°50	26°58	1°29	16°38	12♋ 8	25°55	14° 5	17°19	3♈21	29♒14	0° 1	24°10	26°31	T 2
W 3	5 18 28	19°12'25	9♈ 0	28°34	2°28	17°23	12° 1	26° 1	14° 6	17°21	3°21	29°12	29♒58	24°17	26°31	W 3
T 4	5 22 24	20°13'33	21°28	0♑ 9	3°26	18° 9	11°54	26° 8	14° 7	17°23	3°20	29° 8	29°55	24°23	26°31	T 4
F 5	5 26 21	21°14'42	4♉18	1°44	4°26	18°55	11°47	26°15	14° 8	17°25	3°20	29° 1	29°52	24°30	26°32	F 5
S 6	5 30 17	22°15'50	17°33	3°20	5°26	19°40	11°40	26°21	14° 9	17°27	3°20	28°52	29°48	24°37	26°32	S 6
S 7	5 34 14	23°16'59	1♊14	4°55	6°26	20°26	11°33	26°28	14°10	17°29	3°20	28°41	29°45	24°43	26°32	S 7
M 8	5 38 11	24°18'08	15°17	6°30	7°27	21°12	11°25	26°34	14°11	17°31	3°20	28°30	29°42	24°50	26°33	M 8
T 9	5 42 7	25°19'18	29°39	8° 6	8°28	21°58	11°18	26°41	14°12	17°34	3°20	28°20	29°39	24°57	26°33	T 9
W10	5 46 4	26°20'28	14♋13	9°40	9°29	22°43	11°10	26°47	14°13	17°36	3°D20	28°11	29°36	25° 3	26°34	W10
T 11	5 50 0	27°21'37	28°53	11°15	10°31	23°29	11° 3	26°54	14°15	17°38	3°20	28° 5	29°33	25°10	26°34	T 11
F 12	5 53 57	28°22'48	13♌30	12°49	11°34	24°15	10°55	27° 0	14°16	17°40	3°20	28° 2	29°29	25°17	26°35	F 12
S 13	5 57 53	29°23'58	28° 0	14°23	12°36	25° 0	10°47	27° 7	14°17	17°42	3°20	28°D 1	29°26	25°23	26°36	S 13
S 14	6 1 50	0♑25'09	12♍18	15°55	13°39	25°46	10°39	27°13	14°19	17°44	3°20	28° 2	29°23	25°30	26°37	S 14
M15	6 5 47	1°26'20	26°24	17°27	14°43	26°32	10°31	27°19	14°20	17°47	3°20	28°R 2	29°20	25°36	26°37	M15
T 16	6 9 43	2°27'32	10♎16	18°58	15°47	27°17	10°23	27°26	14°22	17°49	3°21	28° 2	29°17	25°43	26°38	T 16
W17	6 13 40	3°28'44	23°54	20°27	16°51	28° 3	10°15	27°32	14°23	17°51	3°21	28° 0	29°14	25°50	26°39	W17
T 18	6 17 36	4°29'56	7♏20	21°54	17°55	28°48	10° 7	27°38	14°25	17°53	3°21	27°56	29°10	25°56	26°40	T 18
F 19	6 21 33	5°31'08	20°33	23°20	19° 0	29°34	9°59	27°44	14°27	17°55	3°21	27°49	29° 7	26° 3	26°41	F 19
S 20	6 25 29	6°32'20	3♐34	24°42	20° 5	0♓20	9°51	27°50	14°28	17°58	3°21	27°40	29° 4	26°10	26°42	S 20
S 21	6 29 26	7°33'32	16°23	26° 2	21°10	1° 5	9°43	27°56	14°30	18° 0	3°22	27°31	29° 1	26°16	26°44	S 21
M22	6 33 22	8°34'45	29° 0	27°18	22°15	1°51	9°35	28° 2	14°32	18° 2	3°22	27°21	28°58	26°23	26°45	M22
T 23	6 37 19	9°35'57	11♑25	28°30	23°21	2°36	9°27	28° 8	14°34	18° 4	3°22	27°12	28°54	26°30	26°46	T 23
W24	6 41 16	10°37'08	23°38	29°37	24°27	3°22	9°19	28°14	14°36	18° 7	3°22	27° 5	28°51	26°36	26°47	W24
T 25	6 45 12	11°38'20	5♒40	0♒38	25°33	4° 7	9°11	28°20	14°38	18° 9	3°23	27° 1	28°48	26°43	26°49	T 25
F 26	6 49 9	12°39'30	17°34	1°33	26°40	4°53	9° 3	28°25	14°40	18°11	3°23	26°58	28°45	26°50	26°50	F 26
S 27	6 53 5	13°40'40	29°22	2°21	27°46	5°39	8°55	28°31	14°42	18°13	3°24	26°D58	28°42	26°56	26°52	S 27
S 28	6 57 2	14°41'50	11♓ 8	3° 0	28°53	6°24	8°47	28°37	14°44	18°16	3°24	26°58	28°39	27° 3	26°53	S 28
M29	7 0 58	15°42'58	22°56	3°30	0♐ 0	7° 9	8°39	28°42	14°46	18°18	3°24	27° 0	28°35	27° 9	26°55	M29
T 30	7 4 55	16°44'06	4♈51	3°50	1° 7	7°55	8°31	28°48	14°48	18°20	3°25	27° 2	28°32	27°16	26°56	T 30
W31	7 8 51	17♑45'13	16♈58	3°R59	2♐15	8♓40	8♋23	28♏53	14♓50	18♑23	3♈25	27°R 2	28♒29	27♒23	26♓58	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	22s54	4s43	1n22	25s26	2s 0	9s 5	2n48	17s20	1s15	23n 4	0n 7	17s28	1n52	7s 0	0s46	21s55	0n30	14s23	17s10	11s47	11s29	14s 4	1n31	3n10
T 2	23 0	0n54	2 21	25 32	2 2	9 22	2 50	17 5	1 14	23 5	0 7	17 29	1 52	6 59	0 46	21 54	0 30	14 22	17 9	11 47	11 30	14 1	1 31	3 10
W 3	23 5	6 34	3 15	25 36	2 5	9 40	2 53	16 50	1 13	23 6	0 7	17 31	1 52	6 59	0 46	21 54	0 30	14 22	17 9	11 48	11 32	13 58	1 31	3 10
T 4	23 10	12 7	4 1	25 38	2 7	9 58	2 55	16 35	1 12	23 7	0 7	17 33	1 52	6 59	0 46	21 54	0 30	14 22	17 9	11 49	11 33	13 55	1 31	3 10
F 5	23 14	17 19	4 36	25 39	2 9	10 16	2 57	16 20	1 11	23 7	0 7	17 34	1 52	6 58	0 46	21 54	0 30	14 22	17 8	11 52	11 34	13 51	1 31	3 9
S 6	23 18	21 53	4 57	25 39	2 10	10 34	2 59	16 5	1 10	23 8	0 7	17 36	1 52	6 58	0 46	21 53	0 30	14 21	17 8	11 55	11 35	13 48	1 30	3 9
S 7	23 21	25 25	5 3	25 37	2 11	10 53	3 0	15 50	1 9	23 9	0 8	17 37	1 52	6 57	0 46	21 53	0 30	14 21	17 8	11 58	11 36	13 45	1 30	3 9
M 8	23 24	27 31	4 50	25 33	2 11	11 11	3 2	15 34	1 9	23 10	0 8	17 39	1 52	6 57	0 46	21 53	0 30	14 21	17 7	12 2	11 37	13 42	1 30	3 9
T 9	23 27	27 51	4 20	25 28	2 11	11 29	3 3	15 18	1 8	23 10	0 8	17 40	1 52	6 56	0 46	21 53	0 30	14 20	17 7	12 6	11 38	13 39	1 30	3 8
W10	23 29	26 16	3 32	25 21	2 11	11 48	3 4	15 3	1 7	23 11	0 8	17 41	1 52	6 56	0 46	21 52	0 30	14 20	17 7	12 9	11 39	13 36	1 30	3 8
T 11	23 30	22 53	2 29	25 12	2 10	12 6	3 5	14 47	1 6	23 12	0 8	17 43	1 52	6 55	0 45	21 52	0 30	14 20	17 6	12 11	11 40	13 33	1 30	3 8
F 12	23 31	18 4	1 17	25 2	2 8	12 25	3 6	14 31	1 5	23 13	0 8	17 44	1 52	6 55	0 45	21 52	0 30	14 19	17 6	12 12	11 42	13 30	1 30	3 8
S 13	23 32	12 13	0 0	24 50	2 6	12 43	3 6	14 14	1 4	23 14	0 8	17 46	1 52	6 54	0 45	21 52	0 30	14 19	17 5	12 12	11 43	13 27	1 30	3 7
S 14	23 32	5 48	1s16	24 37	2 3	13 2	3 7	13 58	1 3	23 14	0 9	17 47	1 52	6 54	0 45	21 51	0 30	14 19	17 5	12 12	11 44	13 24	1 31	3 7
M15	23 31	0s48	2 26	24 22	2 0	13 20	3 7	13 42	1 2	23 15	0 9	17 48	1 53	6 53	0 45	21 51	0 30	14 18	17 5	12 12	11 45	13 21	1 31	3 7
T 16	23 30	7 15	3 27	24 5	1 56	13 38	3 7	13 25	1 1	23 16	0 9	17 50	1 53	6 52	0 45	21 51	0 30	14 18	17 4	12 12	11 46	13 18	1 31	3 7
W17	23 29	13 14	4 14	23 47	1 51	13 56	3 7	13 8	1 0	23 17	0 9	17 51	1 53	6 52	0 45	21 50	0 30	14 17	17 4	12 13	11 47	13 15	1 31	3 7
T 18	23 27	18 31	4 47	23 28	1 45	14 14	3 7	12 52	0 59	23 17	0 9	17 52	1 53	6 51	0 45	21 50	0 30	14 17	17 4	12 14	11 48	13 12	1 31	3 6
F 19	23 25	22 50	5 4	23 7	1 39	14 32	3 7	12 35	0 59	23 18	0 9	17 54	1 53	6 50	0 45	21 50	0 30	14 17	17 3	12 17	11 49	13 8	1 31	3 6
S 20	23 22	25 56	5 5	22 45	1 31	14 50	3 6	12 18	0 58	23 19	0 9	17 55	1 53	6 50	0 45	21 50	0 30	14 16	17 3	12 20	11 50	13 5	1 32	3 6
S 21	23 19	27 38	4 50	22 22	1 23	15 8	3 6	12 1	0 57	23 20	0 10	17 56	1 53	6 49	0 45	21 49	0 30	14 16	17 3	12 23	11 52	13 2	1 32	3 6
M22	23 15	27 53	4 21	21 59	1 13	15 25	3 5	11 44	0 56	23 20	0 10	17 58	1 53	6 48	0 45	21 49	0 30	14 15	17 2	12 26	11 53	12 59	1 32	3 5
T 23	23 11	26 42	3 41	21 34	1 3	15 43	3 4	11 26	0 55	23 21	0 10	17 59	1 53	6 47	0 45	21 49	0 30	14 15	17 2	12 29	11 54	12 56	1 32	3 5
W24	23 6	24 15	2 50	21 9	0 52	16 0	3 3	11 9	0 54	23 22	0 10	18 0	1 53	6 47	0 45	21 48	0 30	14 14	17 1	12 32	11 55	12 53	1 33	3 5
T 25	23 1	20 45	1 53	20 44	0 39	16 16	3 2	10 51	0 53	23 23	0 10	18 1	1 53	6 46	0 45	21 48	0 30	14 14	17 1	12 33	11 56	12 50	1 33	3 5
F 26	22 55	16 26	0 51	20 19	0 26	16 33	3 1	10 34	0 52	23 23	0 10	18 2	1 53	6 45	0 45	21 48	0 30	14 13	17 1	12 34	11 57	12 47	1 33	3 4
S 27	22 49	11 32	0n13	19 54	0 12	16 49	2 59	10 16	0 51	23 24	0 10	18 4	1 53	6 44	0 45	21 48	0 30	14 13	17 0	12 34	11 58	12 44	1 34	3 4
S 28	22 43	6 14	1 16	19 30	0n 4	17 5	2 58	9 59	0 50	23 25	0 11	18 5	1 53	6 43	0 45	21 47	0 30	14 12	17 0	12 34	11 59	12 41	1 34	3 4
M29	22 36	0 44	2 17	19 7	0 20	17 21	2 56	9 41	0 50	23 25	0 11	18 6	1 53	6 43	0 45	21 47	0 30	14 12	17 0	12 33	12 0	12 37	1 35	3 4
T 30	22 28	4n52	3 12	18 46	0 37	17 37	2 55	9 23	0 49	23 26	0 11	18 7	1 54	6 42	0 45	21 47	0 30	14 11	16 59	12 33	12 2	12 34	1 35	3 4
W31	22s21	10n22	3n59	18s26	0n55	17s52	2n53	9s 5	0s48	23n27	0n11	18s 8	1n54	6s41	0s45	21s46	0n30	14s11	16s59	12s33	12s 3	12s31	1n36	3n 3

Julian Day Number = 2209731.5, Delta T = 09m27s
Ecliptic obliquity = 23°31'38, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°30'20, Lahiri = 14°37'21 Julian Calendar 1 Dec. 1337 == Greg. Calendar 9 Dec. 1337

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ASTRODIENST EPHEMERIS for the year 1338
geocentric

JANUARY 1338 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	7 12 48	18♑46'20	29♈23	3°R57	3♐22	9♓26	8°R15	28♏59	14♓52	18♑25	3♈26	27°R 2	28♒26	27♒29	27♓ 0	T 1
F 2	7 16 45	19°47'25	12♉ 9	3♒44	4°30	10°11	8♋ 7	29° 4	14°55	18°27	3°26	26♒59	28°23	27°36	27° 2	F 2
S 3	7 20 41	20°48'29	25°21	3°19	5°38	10°56	7°59	29° 9	14°57	18°29	3°27	26°56	28°20	27°43	27° 3	S 3
S 4	7 24 38	21°49'33	9♊ 1	2°42	6°46	11°42	7°52	29°15	14°59	18°32	3°27	26°50	28°16	27°49	27° 5	S 4
M 5	7 28 34	22°50'35	23° 9	1°55	7°55	12°27	7°44	29°20	15° 2	18°34	3°28	26°45	28°13	27°56	27° 7	M 5
T 6	7 32 31	23°51'37	7♋41	0°59	9° 3	13°12	7°36	29°25	15° 4	18°36	3°29	26°40	28°10	28° 3	27° 9	T 6
W 7	7 36 27	24°52'38	22°31	29♑54	10°12	13°58	7°29	29°30	15° 6	18°39	3°29	26°35	28° 7	28° 9	27°11	W 7
T 8	7 40 24	25°53'38	7♌32	28°44	11°20	14°43	7°22	29°35	15° 9	18°41	3°30	26°33	28° 4	28°16	27°13	T 8
F 9	7 44 21	26°54'36	22°34	27°30	12°29	15°28	7°14	29°40	15°11	18°43	3°31	26°D31	28° 0	28°23	27°15	F 9
S 10	7 48 17	27°55'34	7♍29	26°14	13°38	16°13	7° 7	29°44	15°14	18°45	3°31	26°32	27°57	28°29	27°18	S 10
S 11	7 52 14	28°56'32	22°11	24°59	14°47	16°58	7° 0	29°49	15°17	18°48	3°32	26°33	27°54	28°36	27°20	S 11
M12	7 56 10	29°57'28	6♎33	23°47	15°57	17°43	6°53	29°54	15°19	18°50	3°33	26°35	27°51	28°43	27°22	M12
T 13	8 0 7	0♒58'24	20°35	22°39	17° 6	18°28	6°47	29°58	15°22	18°52	3°33	26°36	27°48	28°49	27°24	T 13
W14	8 4 3	1°59'19	4♏15	21°38	18°16	19°13	6°40	0♐ 3	15°25	18°54	3°34	26°R36	27°45	28°56	27°27	W14
T 15	8 8 0	3° 0'13	17°35	20°43	19°26	19°58	6°33	0° 7	15°27	18°57	3°35	26°35	27°41	29° 2	27°29	T 15
F 16	8 11 56	4° 1'07	0♐36	19°57	20°35	20°43	6°27	0°12	15°30	18°59	3°36	26°33	27°38	29° 9	27°32	F 16
S 17	8 15 53	5° 1'59	13°21	19°18	21°45	21°28	6°20	0°16	15°33	19° 1	3°37	26°31	27°35	29°16	27°34	S 17
S 18	8 19 50	6° 2'51	25°52	18°49	22°55	22°13	6°14	0°20	15°36	19° 3	3°38	26°27	27°32	29°22	27°36	S 18
M19	8 23 46	7° 3'42	8♑11	18°27	24° 5	22°58	6° 8	0°24	15°38	19° 5	3°38	26°24	27°29	29°29	27°39	M19
T 20	8 27 43	8° 4'31	20°20	18°14	25°16	23°43	6° 2	0°28	15°41	19° 8	3°39	26°21	27°26	29°36	27°42	T 20
W21	8 31 39	9° 5'19	2♒21	18°D 9	26°26	24°28	5°57	0°32	15°44	19°10	3°40	26°19	27°22	29°42	27°44	W21
T 22	8 35 36	10° 6'06	14°15	18°11	27°36	25°13	5°51	0°36	15°47	19°12	3°41	26°17	27°19	29°49	27°47	T 22
F 23	8 39 32	11° 6'52	26° 4	18°21	28°47	25°57	5°46	0°40	15°50	19°14	3°42	26°D17	27°16	29°56	27°50	F 23
S 24	8 43 29	12° 7'36	7♓51	18°37	29°58	26°42	5°40	0°44	15°53	19°16	3°43	26°17	27°13	0♓ 2	27°52	S 24
S 25	8 47 25	13° 8'18	19°38	18°58	1♑ 8	27°27	5°35	0°47	15°56	19°18	3°44	26°18	27°10	0° 9	27°55	S 25
M26	8 51 22	14° 8'59	1♈28	19°26	2°19	28°12	5°30	0°51	15°59	19°20	3°45	26°19	27° 6	0°16	27°58	M26
T 27	8 55 19	15° 9'38	13°25	19°58	3°30	28°56	5°26	0°54	16° 2	19°23	3°46	26°21	27° 3	0°22	28° 1	T 27
W28	8 59 15	16°10'16	25°32	20°35	4°41	29°41	5°21	0°57	16° 5	19°25	3°47	26°22	27° 0	0°29	28° 4	W28
T 29	9 3 12	17°10'52	7♉55	21°17	5°52	0♈25	5°17	1° 1	16° 8	19°27	3°48	26°22	26°57	0°35	28° 6	T 29
F 30	9 7 8	18°11'26	20°36	22° 3	7° 3	1°10	5°12	1° 4	16°11	19°29	3°49	26°R22	26°54	0°42	28° 9	F 30
S 31	9 11 5	19♒11'58	3♊41	22♑52	8♑14	1♈54	5♋ 8	1♐ 7	16♓15	19♑31	3♈50	26♒22	26♒51	0♓49	28♓12	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22s12	15n36	4n36	18s 9	1n14	18s 6	2n51	8s47	0s47	23n27	0n11	18s 9	1n54	6s40	0s45	21s46	0n30	14s10	16s59	12s33	12s 4	12s28	1n36	3n 3
F 2	22 4	20 19	5 2	17 54	1 32	18 21	2 49	8 29	0 46	23 28	0 11	18 10	1 54	6 39	0 45	21 46	0 30	14 10	16 58	12 34	12 5	12 25	1 37	3 3
S 3	21 55	24 13	5 12	17 41	1 51	18 35	2 47	8 11	0 45	23 28	0 11	18 11	1 54	6 38	0 45	21 46	0 29	14 9	16 58	12 35	12 6	12 22	1 37	3 3
S 4	21 45	26 54	5 5	17 32	2 9	18 49	2 45	7 53	0 44	23 29	0 11	18 12	1 54	6 37	0 45	21 45	0 29	14 9	16 58	12 37	12 7	12 19	1 38	3 2
M 5	21 35	28 0	4 40	17 26	2 26	19 2	2 43	7 35	0 43	23 30	0 12	18 13	1 54	6 36	0 45	21 45	0 29	14 8	16 57	12 39	12 8	12 16	1 38	3 2
T 6	21 25	27 14	3 56	17 22	2 42	19 15	2 40	7 16	0 42	23 30	0 12	18 14	1 54	6 35	0 45	21 45	0 29	14 8	16 57	12 40	12 9	12 12	1 39	3 2
W 7	21 14	24 31	2 56	17 22	2 57	19 27	2 38	6 58	0 41	23 31	0 12	18 15	1 54	6 34	0 45	21 44	0 29	14 7	16 57	12 42	12 10	12 9	1 39	3 2
T 8	21 3	20 6	1 42	17 24	3 9	19 40	2 35	6 40	0 41	23 31	0 12	18 16	1 54	6 33	0 45	21 44	0 29	14 7	16 56	12 43	12 11	12 6	1 40	3 2
F 9	20 51	14 23	0 22	17 28	3 20	19 51	2 33	6 22	0 40	23 32	0 12	18 17	1 55	6 32	0 44	21 44	0 29	14 6	16 56	12 43	12 13	12 3	1 41	3 1
S 10	20 39	7 52	1s 0	17 35	3 28	20 2	2 30	6 3	0 39	23 32	0 12	18 18	1 55	6 31	0 44	21 43	0 29	14 5	16 56	12 43	12 14	12 0	1 41	3 1
S 11	20 27	1 2	2 16	17 43	3 33	20 13	2 27	5 45	0 38	23 33	0 12	18 19	1 55	6 30	0 44	21 43	0 29	14 5	16 55	12 43	12 15	11 57	1 42	3 1
M12	20 14	5s43	3 23	17 52	3 37	20 23	2 24	5 26	0 37	23 33	0 12	18 20	1 55	6 29	0 44	21 43	0 29	14 4	16 55	12 42	12 16	11 54	1 43	3 1
T 13	20 1	12 0	4 15	18 3	3 37	20 33	2 22	5 8	0 36	23 34	0 13	18 21	1 55	6 28	0 44	21 42	0 29	14 4	16 55	12 42	12 17	11 50	1 44	3 1
W14	19 47	17 33	4 51	18 14	3 36	20 42	2 19	4 49	0 35	23 34	0 13	18 22	1 55	6 27	0 44	21 42	0 29	14 3	16 54	12 42	12 18	11 47	1 44	3 0
T 15	19 34	22 6	5 11	18 26	3 32	20 51	2 16	4 31	0 34	23 35	0 13	18 22	1 55	6 26	0 44	21 42	0 29	14 3	16 54	12 42	12 19	11 44	1 45	3 0
F 16	19 19	25 28	5 14	18 38	3 27	20 59	2 12	4 12	0 34	23 35	0 13	18 23	1 55	6 25	0 44	21 42	0 29	14 2	16 54	12 43	12 20	11 41	1 46	3 0
S 17	19 5	27 28	5 2	18 50	3 20	21 7	2 9	3 54	0 33	23 36	0 13	18 24	1 55	6 24	0 44	21 41	0 29	14 1	16 53	12 43	12 21	11 38	1 47	3 0
S 18	18 50	28 2	4 35	19 2	3 12	21 14	2 6	3 35	0 32	23 36	0 13	18 25	1 56	6 23	0 44	21 41	0 29	14 1	16 53	12 45	12 22	11 35	1 47	3 0
M19	18 35	27 11	3 55	19 14	3 2	21 21	2 3	3 16	0 31	23 36	0 13	18 25	1 56	6 22	0 44	21 41	0 29	14 0	16 53	12 46	12 24	11 32	1 48	2 59
T 20	18 19	25 3	3 6	19 26	2 52	21 27	2 0	2 58	0 30	23 37	0 13	18 26	1 56	6 20	0 44	21 40	0 29	13 59	16 52	12 47	12 25	11 28	1 49	2 59
W21	18 3	21 48	2 9	19 37	2 42	21 32	1 56	2 39	0 29	23 37	0 14	18 27	1 56	6 19	0 44	21 40	0 29	13 59	16 52	12 48	12 26	11 25	1 50	2 59
T 22	17 47	17 40	1 6	19 48	2 31	21 37	1 53	2 21	0 28	23 37	0 14	18 27	1 56	6 18	0 44	21 40	0 29	13 58	16 52	12 48	12 27	11 22	1 51	2 59
F 23	17 30	12 54	0 1	19 58	2 19	21 42	1 50	2 2	0 28	23 38	0 14	18 28	1 56	6 17	0 44	21 39	0 29	13 58	16 52	12 48	12 28	11 19	1 52	2 59
S 24	17 13	7 40	1n 4	20 7	2 8	21 45	1 46	1 43	0 27	23 38	0 14	18 29	1 56	6 16	0 44	21 39	0 29	13 57	16 51	12 48	12 29	11 16	1 53	2 59
S 25	16 56	2 11	2 6	20 16	1 56	21 49	1 43	1 25	0 26	23 38	0 14	18 29	1 57	6 15	0 44	21 39	0 29	13 56	16 51	12 48	12 30	11 13	1 54	2 58
M26	16 39	3n23	3 3	20 24	1 44	21 51	1 39	1 6	0 25	23 39	0 14	18 30	1 57	6 13	0 44	21 39	0 29	13 56	16 51	12 47	12 31	11 9	1 55	2 58
T 27	16 21	8 53	3 53	20 31	1 32	21 53	1 36	0 48	0 24	23 39	0 14	18 31	1 57	6 12	0 44	21 38	0 29	13 55	16 50	12 47	12 32	11 6	1 56	2 58
W28	16 3	14 9	4 33	20 37	1 21	21 55	1 32	0 29	0 23	23 39	0 14	18 31	1 57	6 11	0 44	21 38	0 29	13 54	16 50	12 47	12 33	11 3	1 57	2 58
T 29	15 45	18 57	5 2	20 42	1 9	21 55	1 29	0 11	0 23	23 40	0 14	18 32	1 57	6 10	0 44	21 38	0 29	13 54	16 50	12 46	12 34	11 0	1 58	2 58
F 30	15 26	23 2	5 16	20 46	0 58	21 55	1 25	0n 8	0 22	23 40	0 14	18 32	1 57	6 9	0 44	21 37	0 29	13 53	16 50	12 46	12 36	10 57	1 59	2 58
S 31	15s 7	26n 7	5n15	20s49	0n47	21s55	1n21	0n26	0s21	23n40	0n15	18s33	1n57	6s 7	0s44	21s37	0n29	13s52	16s49	12s46	12s37	10s53	2n 0	2n57

Julian Day Number = 2209762.5, Delta T = 09m27s
Ecliptic obliquity = 23°31'38, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°30'25, Lahiri = 14°37'25 Julian Calendar 1 Jan. 1338 == Greg. Calendar 9 Jan. 1338

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ASTRODIENST EPHEMERIS for the year 1338
geocentric

FEBRUARY 1338 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	9 15 1	20♒12'28	17♊11	23♑45	9♑25	2♈39	5°R 4	1♐10	16♓18	19♑33	3♈51	26°R21	26♒47	0♓55	28♓15	S 1
M 2	9 18 58	21°12'57	1♋10	24°40	10°36	3°23	5♋ 1	1°13	16°21	19°35	3°52	26♒21	26°44	1° 2	28°18	M 2
T 3	9 22 54	22°13'23	15°35	25°39	11°47	4° 7	4°57	1°16	16°24	19°37	3°54	26°20	26°41	1° 9	28°21	T 3
W 4	9 26 51	23°13'48	0♌23	26°40	12°59	4°52	4°54	1°19	16°27	19°39	3°55	26°20	26°38	1°15	28°25	W 4
T 5	9 30 48	24°14'11	15°28	27°44	14°10	5°36	4°51	1°21	16°30	19°41	3°56	26°20	26°35	1°22	28°28	T 5
F 6	9 34 44	25°14'32	0♍42	28°50	15°22	6°20	4°48	1°24	16°34	19°43	3°57	26°D20	26°32	1°29	28°31	F 6
S 7	9 38 41	26°14'51	15°54	29°59	16°33	7° 4	4°45	1°26	16°37	19°45	3°58	26°R20	26°28	1°35	28°34	S 7
S 8	9 42 37	27°15'09	0♎55	1♒ 9	17°45	7°49	4°42	1°29	16°40	19°47	3°59	26°20	26°25	1°42	28°37	S 8
M 9	9 46 34	28°15'25	15°37	2°21	18°56	8°33	4°40	1°31	16°44	19°48	4° 1	26°20	26°22	1°49	28°40	M 9
T 10	9 50 30	29°15'40	29°56	3°36	20° 8	9°17	4°38	1°33	16°47	19°50	4° 2	26°19	26°19	1°55	28°44	T 10
W11	9 54 27	0♓15'53	13♏48	4°51	21°20	10° 1	4°36	1°35	16°50	19°52	4° 3	26°19	26°16	2° 2	28°47	W11
T 12	9 58 23	1°16'04	27°13	6° 9	22°32	10°45	4°34	1°37	16°53	19°54	4° 4	26°D19	26°12	2° 9	28°50	T 12
F 13	10 2 20	2°16'14	10♐15	7°28	23°43	11°29	4°32	1°39	16°57	19°56	4° 5	26°19	26° 9	2°15	28°54	F 13
S 14	10 6 17	3°16'23	22°54	8°49	24°55	12°13	4°31	1°41	17° 0	19°58	4° 7	26°19	26° 6	2°22	28°57	S 14
S 15	10 10 13	4°16'30	5♑16	10°11	26° 7	12°56	4°30	1°42	17° 4	19°59	4° 8	26°20	26° 3	2°28	29° 0	S 15
M16	10 14 10	5°16'35	17°25	11°34	27°19	13°40	4°29	1°44	17° 7	20° 1	4° 9	26°21	26° 0	2°35	29° 4	M16
T 17	10 18 6	6°16'39	29°23	12°59	28°31	14°24	4°28	1°45	17°10	20° 3	4°11	26°22	25°57	2°42	29° 7	T 17
W18	10 22 3	7°16'40	11♒15	14°25	29°43	15° 8	4°27	1°47	17°14	20° 5	4°12	26°23	25°53	2°48	29°10	W18
T 19	10 25 59	8°16'40	23° 3	15°52	0♒55	15°51	4°27	1°48	17°17	20° 6	4°13	26°R23	25°50	2°55	29°14	T 19
F 20	10 29 56	9°16'38	4♓50	17°21	2° 7	16°35	4°27	1°49	17°21	20° 8	4°15	26°23	25°47	3° 2	29°17	F 20
S 21	10 33 52	10°16'34	16°38	18°51	3°20	17°19	4°D27	1°50	17°24	20°10	4°16	26°22	25°44	3° 8	29°21	S 21
S 22	10 37 49	11°16'28	28°29	20°22	4°32	18° 2	4°27	1°51	17°27	20°11	4°17	26°20	25°41	3°15	29°24	S 22
M23	10 41 46	12°16'20	10♈26	21°55	5°44	18°46	4°27	1°52	17°31	20°13	4°19	26°18	25°37	3°22	29°28	M23
T 24	10 45 42	13°16'10	22°30	23°28	6°56	19°29	4°28	1°53	17°34	20°14	4°20	26°16	25°34	3°28	29°31	T 24
W25	10 49 39	14°15'57	4♉44	25° 3	8° 9	20°13	4°28	1°54	17°38	20°16	4°21	26°13	25°31	3°35	29°35	W25
T 26	10 53 35	15°15'43	17°10	26°39	9°21	20°56	4°29	1°54	17°41	20°17	4°23	26°10	25°28	3°42	29°38	T 26
F 27	10 57 32	16°15'26	29°53	28°16	10°33	21°39	4°30	1°55	17°44	20°19	4°24	26° 9	25°25	3°48	29°42	F 27
S 28	11 1 28	17♓15'07	12♊54	29♒55	11♒45	22♈23	4♋32	1♐55	17♓48	20♑20	4♈25	26°D 8	25♒22	3♓55	29♓45	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	14s48	27n50	4n57	20s51	0n36	21s54	1n18	0n45	0s20	23n40	0n15	18s33	1n57	6s 6	0s44	21s37	0n29	13s52	16s49	12s47	12s38	10s50	2n 1	2n57
M 2	14 29	27 52	4 21	20 51	0 25	21 52	1 14	1 3	0 19	23 41	0 15	18 34	1 58	6 5	0 44	21 37	0 29	13 51	16 49	12 47	12 39	10 47	2 2	2 57
T 3	14 9	26 3	3 28	20 51	0 15	21 50	1 11	1 22	0 18	23 41	0 15	18 34	1 58	6 4	0 44	21 36	0 29	13 50	16 49	12 47	12 40	10 44	2 3	2 57
W 4	13 49	22 25	2 19	20 49	0 5	21 47	1 7	1 40	0 18	23 41	0 15	18 34	1 58	6 2	0 44	21 36	0 29	13 50	16 48	12 47	12 41	10 41	2 4	2 57
T 5	13 29	17 13	1 0	20 46	0s 5	21 43	1 3	1 59	0 17	23 41	0 15	18 35	1 58	6 1	0 44	21 36	0 29	13 49	16 48	12 47	12 42	10 38	2 5	2 57
F 6	13 9	10 53	0s24	20 42	0 14	21 39	1 0	2 17	0 16	23 42	0 15	18 35	1 58	6 0	0 44	21 35	0 29	13 48	16 48	12 47	12 43	10 34	2 6	2 56
S 7	12 49	3 57	1 47	20 37	0 23	21 34	0 56	2 35	0 15	23 42	0 15	18 36	1 58	5 58	0 44	21 35	0 29	13 48	16 48	12 47	12 44	10 31	2 7	2 56
S 8	12 28	3s 8	3 1	20 30	0 32	21 29	0 52	2 53	0 14	23 42	0 15	18 36	1 59	5 57	0 44	21 35	0 29	13 47	16 47	12 47	12 45	10 28	2 8	2 56
M 9	12 7	9 53	4 1	20 22	0 41	21 23	0 49	3 11	0 14	23 42	0 15	18 36	1 59	5 56	0 44	21 35	0 29	13 46	16 47	12 47	12 46	10 25	2 10	2 56
T 10	11 46	15 56	4 45	20 13	0 49	21 16	0 45	3 30	0 13	23 42	0 15	18 36	1 59	5 55	0 44	21 34	0 29	13 46	16 47	12 47	12 48	10 22	2 11	2 56
W11	11 25	20 58	5 10	20 2	0 57	21 9	0 41	3 48	0 12	23 42	0 16	18 37	1 59	5 53	0 44	21 34	0 29	13 45	16 47	12 47	12 49	10 18	2 12	2 56
T 12	11 4	24 46	5 18	19 50	1 4	21 1	0 38	4 6	0 11	23 43	0 16	18 37	1 59	5 52	0 44	21 34	0 29	13 44	16 47	12 47	12 50	10 15	2 13	2 56
F 13	10 42	27 9	5 9	19 37	1 11	20 53	0 34	4 24	0 11	23 43	0 16	18 37	1 59	5 51	0 44	21 34	0 29	13 44	16 46	12 47	12 51	10 12	2 14	2 55
S 14	10 21	28 4	4 44	19 23	1 18	20 44	0 30	4 42	0 10	23 43	0 16	18 37	1 59	5 49	0 44	21 33	0 29	13 43	16 46	12 47	12 52	10 9	2 16	2 55
S 15	9 59	27 33	4 8	19 7	1 24	20 34	0 27	4 59	0 9	23 43	0 16	18 38	2 0	5 48	0 44	21 33	0 29	13 42	16 46	12 47	12 53	10 6	2 17	2 55
M16	9 37	25 42	3 20	18 50	1 31	20 24	0 23	5 17	0 8	23 43	0 16	18 38	2 0	5 47	0 44	21 33	0 29	13 42	16 46	12 47	12 54	10 2	2 18	2 55
T 17	9 14	22 42	2 24	18 31	1 36	20 13	0 20	5 35	0 7	23 43	0 16	18 38	2 0	5 45	0 44	21 32	0 29	13 41	16 46	12 46	12 55	9 59	2 19	2 55
W18	8 52	18 48	1 23	18 11	1 42	20 1	0 16	5 53	0 7	23 43	0 16	18 38	2 0	5 44	0 44	21 32	0 29	13 40	16 46	12 46	12 56	9 56	2 20	2 55
T 19	8 30	14 11	0 19	17 50	1 46	19 49	0 13	6 10	0 6	23 43	0 16	18 38	2 0	5 43	0 44	21 32	0 29	13 40	16 45	12 46	12 57	9 53	2 22	2 55
F 20	8 7	9 3	0n47	17 27	1 51	19 37	0 9	6 28	0 5	23 43	0 16	18 38	2 0	5 41	0 44	21 32	0 29	13 39	16 45	12 46	12 58	9 49	2 23	2 55
S 21	7 45	3 37	1 50	17 3	1 55	19 23	0 6	6 45	0 4	23 44	0 16	18 38	2 0	5 40	0 44	21 31	0 29	13 38	16 45	12 46	12 59	9 46	2 24	2 54
S 22	7 22	1n58	2 49	16 38	1 59	19 10	0 2	7 3	0 4	23 44	0 16	18 38	2 1	5 39	0 44	21 31	0 29	13 38	16 45	12 47	13 0	9 43	2 26	2 54
M23	6 59	7 31	3 40	16 11	2 2	18 55	0s 1	7 20	0 3	23 44	0 17	18 38	2 1	5 37	0 44	21 31	0 29	13 37	16 45	12 48	13 2	9 40	2 27	2 54
T 24	6 36	12 51	4 23	15 43	2 5	18 41	0 4	7 37	0 2	23 44	0 17	18 38	2 1	5 36	0 44	21 31	0 29	13 37	16 45	12 49	13 3	9 37	2 28	2 54
W25	6 13	17 45	4 54	15 14	2 8	18 25	0 8	7 54	0 1	23 44	0 17	18 38	2 1	5 35	0 44	21 31	0 29	13 36	16 45	12 50	13 4	9 33	2 29	2 54
T 26	5 50	22 0	5 12	14 43	2 10	18 9	0 11	8 11	0 1	23 44	0 17	18 38	2 1	5 33	0 44	21 30	0 29	13 35	16 44	12 50	13 5	9 30	2 31	2 54
F 27	5 26	25 19	5 15	14 11	2 12	17 53	0 14	8 28	0n 0	23 44	0 17	18 38	2 1	5 32	0 44	21 30	0 29	13 35	16 44	12 51	13 6	9 27	2 32	2 54
S 28	5s 3	27n25	5n 2	13s37	2s13	17s36	0s17	8n45	0n 1	23n44	0n17	18s38	2n 2	5s31	0s44	21s30	0n29	13s34	16s44	12s51	13s 7	9s24	2n33	2n54

Julian Day Number = 2209793.5, Delta T = 09m26s
Ecliptic obliquity = 23°31'38, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°30'29, Lahiri = 14°37'29 Julian Calendar 1 Feb. 1338 == Greg. Calendar 9 Feb. 1338

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ASTRODIENST EPHEMERIS for the year 1338
geocentric

MARCH 1338 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	11 5 25	18♓14'46	26♊16	1♓35	12♒58	23♈ 6	4♋33	1♐56	17♓51	20♑22	4♈27	26♒ 8	25♒18	4♓ 1	29♓49	S 1
M 2	11 9 21	19°14'22	10♋ 1	3°16	14°10	23°49	4°35	1°56	17°55	20°23	4°28	26° 9	25°15	4° 8	29°53	M 2
T 3	11 13 18	20°13'56	24°11	4°58	15°23	24°32	4°37	1°R56	17°58	20°24	4°30	26°10	25°12	4°15	29°56	T 3
W 4	11 17 15	21°13'28	8♌44	6°41	16°35	25°16	4°39	1°56	18° 2	20°26	4°31	26°12	25° 9	4°21	29°59	W 4
T 5	11 21 11	22°12'57	23°36	8°26	17°48	25°59	4°41	1°56	18° 5	20°27	4°32	26°R12	25° 6	4°28	0♈ 3	T 5
F 6	11 25 8	23°12'24	8♍42	10°12	19° 0	26°42	4°44	1°55	18° 8	20°28	4°34	26°12	25° 3	4°35	0° 7	F 6
S 7	11 29 4	24°11'49	23°53	11°59	20°13	27°25	4°46	1°55	18°12	20°30	4°35	26°10	24°59	4°41	0°11	S 7
S 8	11 33 1	25°11'11	8♎59	13°48	21°25	28° 8	4°49	1°55	18°15	20°31	4°37	26° 7	24°56	4°48	0°14	S 8
M 9	11 36 57	26°10'32	23°51	15°38	22°38	28°50	4°52	1°54	18°19	20°32	4°38	26° 3	24°53	4°55	0°18	M 9
T 10	11 40 54	27° 9'51	8♏22	17°29	23°50	29°33	4°55	1°54	18°22	20°33	4°40	25°58	24°50	5° 1	0°21	T 10
W11	11 44 50	28° 9'08	22°26	19°22	25° 3	0♉16	4°59	1°53	18°26	20°34	4°41	25°54	24°47	5° 8	0°25	W11
T 12	11 48 47	29° 8'23	6♐ 1	21°16	26°15	0°59	5° 2	1°52	18°29	20°36	4°42	25°50	24°43	5°15	0°29	T 12
F 13	11 52 43	0♈ 7'37	19° 8	23°11	27°28	1°42	5° 6	1°51	18°32	20°37	4°44	25°48	24°40	5°21	0°32	F 13
S 14	11 56 40	1° 6'48	1♑50	25° 8	28°41	2°24	5°10	1°50	18°36	20°38	4°45	25°D48	24°37	5°28	0°36	S 14
S 15	12 0 37	2° 5'58	14°12	27° 6	29°53	3° 7	5°14	1°49	18°39	20°39	4°47	25°48	24°34	5°35	0°39	S 15
M16	12 4 33	3° 5'06	26°17	29° 5	1♓ 6	3°49	5°18	1°48	18°42	20°40	4°48	25°50	24°31	5°41	0°43	M16
T 17	12 8 30	4° 4'12	8♒12	1♈ 5	2°19	4°32	5°23	1°47	18°46	20°41	4°50	25°52	24°28	5°48	0°47	T 17
W18	12 12 26	5° 3'17	20° 0	3° 7	3°32	5°14	5°27	1°45	18°49	20°42	4°51	25°R53	24°24	5°54	0°50	W18
T 19	12 16 23	6° 2'19	1♓45	5° 9	4°44	5°57	5°32	1°44	18°52	20°42	4°53	25°53	24°21	6° 1	0°54	T 19
F 20	12 20 19	7° 1'19	13°33	7°13	5°57	6°39	5°37	1°42	18°56	20°43	4°54	25°51	24°18	6° 8	0°58	F 20
S 21	12 24 16	8° 0'18	25°25	9°17	7°10	7°22	5°42	1°41	18°59	20°44	4°56	25°47	24°15	6°14	1° 1	S 21
S 22	12 28 12	8°59'14	7♈23	11°22	8°23	8° 4	5°47	1°39	19° 2	20°45	4°57	25°42	24°12	6°21	1° 5	S 22
M23	12 32 9	9°58'09	19°30	13°27	9°35	8°46	5°53	1°37	19° 6	20°46	4°58	25°34	24° 9	6°28	1° 8	M23
T 24	12 36 6	10°57'01	1♉47	15°33	10°48	9°29	5°58	1°35	19° 9	20°47	5° 0	25°26	24° 5	6°34	1°12	T 24
W25	12 40 2	11°55'51	14°15	17°38	12° 1	10°11	6° 4	1°33	19°12	20°47	5° 1	25°17	24° 2	6°41	1°16	W25
T 26	12 43 59	12°54'39	26°54	19°44	13°14	10°53	6°10	1°31	19°15	20°48	5° 3	25° 9	23°59	6°48	1°19	T 26
F 27	12 47 55	13°53'25	9♊47	21°49	14°27	11°35	6°16	1°29	19°18	20°49	5° 4	25° 3	23°56	6°54	1°23	F 27
S 28	12 51 52	14°52'09	22°53	23°53	15°40	12°17	6°22	1°26	19°22	20°49	5° 6	24°59	23°53	7° 1	1°26	S 28
S 29	12 55 48	15°50'51	6♋15	25°56	16°52	12°59	6°28	1°24	19°25	20°50	5° 7	24°56	23°49	7° 8	1°30	S 29
M30	12 59 45	16°49'30	19°54	27°57	18° 5	13°41	6°35	1°22	19°28	20°50	5° 8	24°D56	23°46	7°14	1°33	M30
T 31	13 3 41	17♈48'07	3♌51	29♈57	19♓18	14♉23	6♋42	1♐19	19♓31	20♑51	5♈10	24♒57	23♒43	7♓21	1♈37	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	4s40	28n 2	4n33	13s 2	2s14	17s19	0s20	9n 2	0n 1	23n44	0n17	18s38	2n 2	5s29	0s44	21s30	0n29	13s33	16s44	12s51	13s 8	9s20	2n35	2n54
M 2	4 16	26 56	3 48	12 26	2 14	17 1	0 23	9 19	0 2	23 44	0 17	18 38	2 2	5 28	0 44	21 29	0 29	13 33	16 44	12 51	13 9	9 17	2 36	2 54
T 3	3 53	24 6	2 47	11 48	2 14	16 42	0 26	9 35	0 3	23 44	0 17	18 38	2 2	5 27	0 44	21 29	0 29	13 32	16 44	12 50	13 10	9 14	2 37	2 53
W 4	3 29	19 40	1 35	11 9	2 14	16 23	0 29	9 52	0 4	23 44	0 17	18 38	2 2	5 25	0 44	21 29	0 29	13 31	16 44	12 50	13 11	9 11	2 39	2 53
T 5	3 6	13 56	0 14	10 29	2 13	16 4	0 32	10 8	0 4	23 44	0 17	18 38	2 2	5 24	0 44	21 29	0 29	13 31	16 44	12 50	13 12	9 8	2 40	2 53
F 6	2 42	7 17	1s 8	9 48	2 11	15 44	0 35	10 24	0 5	23 44	0 17	18 37	2 2	5 23	0 44	21 29	0 29	13 30	16 44	12 50	13 13	9 4	2 42	2 53
S 7	2 19	0 12	2 26	9 5	2 9	15 24	0 38	10 41	0 6	23 44	0 17	18 37	2 3	5 21	0 44	21 28	0 29	13 30	16 44	12 50	13 14	9 1	2 43	2 53
S 8	1 55	6s51	3 34	8 21	2 7	15 4	0 41	10 57	0 6	23 44	0 17	18 37	2 3	5 20	0 44	21 28	0 29	13 29	16 44	12 52	13 15	8 58	2 44	2 53
M 9	1 32	13 24	4 25	7 35	2 4	14 43	0 44	11 13	0 7	23 44	0 17	18 37	2 3	5 18	0 44	21 28	0 29	13 28	16 44	12 53	13 17	8 55	2 46	2 53
T 10	1 8	19 3	4 58	6 48	2 0	14 21	0 46	11 29	0 8	23 44	0 18	18 36	2 3	5 17	0 44	21 28	0 29	13 28	16 43	12 55	13 18	8 51	2 47	2 53
W11	0 44	23 28	5 12	6 0	1 56	13 59	0 49	11 44	0 8	23 44	0 18	18 36	2 3	5 16	0 44	21 28	0 29	13 27	16 43	12 56	13 19	8 48	2 48	2 53
T 12	0 21	26 27	5 8	5 11	1 52	13 37	0 51	12 0	0 9	23 43	0 18	18 36	2 3	5 14	0 44	21 28	0 29	13 26	16 43	12 57	13 20	8 45	2 50	2 53
F 13	0n 3	27 51	4 48	4 21	1 47	13 14	0 54	12 15	0 10	23 43	0 18	18 36	2 3	5 13	0 44	21 27	0 29	13 26	16 43	12 58	13 21	8 42	2 51	2 53
S 14	0 27	27 44	4 13	3 29	1 41	12 51	0 56	12 31	0 10	23 43	0 18	18 35	2 4	5 12	0 44	21 27	0 29	13 25	16 43	12 58	13 22	8 38	2 53	2 53
S 15	0 50	26 13	3 28	2 37	1 35	12 28	0 59	12 46	0 11	23 43	0 18	18 35	2 4	5 11	0 44	21 27	0 29	13 25	16 43	12 58	13 23	8 35	2 54	2 53
M16	1 14	23 30	2 35	1 43	1 29	12 4	1 1	13 1	0 12	23 43	0 18	18 34	2 4	5 9	0 44	21 27	0 29	13 24	16 43	12 57	13 24	8 32	2 55	2 53
T 17	1 37	19 49	1 35	0 49	1 22	11 40	1 3	13 16	0 12	23 43	0 18	18 34	2 4	5 8	0 44	21 27	0 29	13 24	16 43	12 57	13 25	8 29	2 57	2 52
W18	2 1	15 23	0 32	0n 7	1 14	11 16	1 5	13 31	0 13	23 43	0 18	18 34	2 4	5 7	0 44	21 27	0 29	13 23	16 43	12 56	13 26	8 25	2 58	2 52
T 19	2 24	10 23	0n32	1 3	1 6	10 51	1 7	13 46	0 14	23 43	0 18	18 33	2 4	5 5	0 44	21 26	0 29	13 22	16 43	12 56	13 27	8 22	3 0	2 52
F 20	2 48	5 2	1 35	2 0	0 57	10 26	1 9	14 1	0 14	23 43	0 18	18 33	2 4	5 4	0 44	21 26	0 29	13 22	16 43	12 57	13 28	8 19	3 1	2 52
S 21	3 11	0n31	2 33	2 57	0 48	10 1	1 11	14 15	0 15	23 42	0 18	18 32	2 5	5 3	0 44	21 26	0 29	13 21	16 43	12 58	13 29	8 16	3 2	2 52
S 22	3 35	6 5	3 26	3 55	0 39	9 35	1 13	14 30	0 16	23 42	0 18	18 32	2 5	5 1	0 44	21 26	0 29	13 21	16 43	13 0	13 30	8 12	3 4	2 52
M23	3 58	11 30	4 10	4 53	0 29	9 10	1 15	14 44	0 16	23 42	0 18	18 31	2 5	5 0	0 44	21 26	0 29	13 20	16 43	13 3	13 31	8 9	3 5	2 52
T 24	4 21	16 33	4 42	5 52	0 18	8 44	1 17	14 58	0 17	23 42	0 18	18 31	2 5	4 59	0 44	21 26	0 29	13 20	16 43	13 5	13 32	8 6	3 7	2 52
W25	4 44	20 58	5 2	6 50	0 8	8 17	1 19	15 12	0 17	23 42	0 18	18 30	2 5	4 58	0 44	21 26	0 29	13 19	16 43	13 8	13 34	8 3	3 8	2 52
T 26	5 7	24 31	5 8	7 47	0n 3	7 51	1 20	15 26	0 18	23 41	0 18	18 30	2 5	4 56	0 44	21 26	0 29	13 19	16 43	13 11	13 35	7 59	3 9	2 52
F 27	5 30	26 54	4 58	8 45	0 14	7 24	1 22	15 40	0 19	23 41	0 19	18 29	2 5	4 55	0 44	21 25	0 29	13 18	16 44	13 13	13 36	7 56	3 11	2 52
S 28	5 53	27 52	4 32	9 41	0 25	6 57	1 23	15 53	0 19	23 41	0 19	18 29	2 5	4 54	0 44	21 25	0 29	13 18	16 44	13 15	13 37	7 53	3 12	2 52
S 29	6 15	27 14	3 52	10 37	0 36	6 30	1 25	16 7	0 20	23 41	0 19	18 28	2 5	4 53	0 44	21 25	0 29	13 17	16 44	13 15	13 38	7 49	3 14	2 52
M30	6 38	24 58	2 57	11 31	0 47	6 3	1 26	16 20	0 21	23 40	0 19	18 28	2 6	4 51	0 44	21 25	0 29	13 17	16 44	13 16	13 39	7 46	3 15	2 52
T 31	7n 1	21n 9	1n51	12n24	0n58	5s35	1s27	16n33	0n21	23n40	0n19	18s27	2n 6	4s50	0s44	21s25	0n29	13s16	16s44	13s15	13s40	7s43	3n16	2n52

Julian Day Number = 2209821.5, Delta T = 09m26s
Ecliptic obliquity = 23°31'39, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°30'33, Lahiri = 14°37'33 Julian Calendar 1 March 1338 == Greg. Calendar 9 March 1338

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ASTRODIENST EPHEMERIS for the year 1338
geocentric

APRIL 1338 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	13 7 38	18♈46'42	18♌ 7	1♉54	20♓31	15♉ 5	6♋48	1°R16	19♓34	20♑51	5♈11	24°R58	23♒40	7♓28	1♈40	W 1
T 2	13 11 35	19°45'14	2♍39	3°49	21°44	15°47	6°55	1♐14	19°37	20°52	5°13	24♒58	23°37	7°34	1°44	T 2
F 3	13 15 31	20°43'44	17°25	5°41	22°57	16°29	7° 2	1°11	19°40	20°52	5°14	24°56	23°34	7°41	1°47	F 3
S 4	13 19 28	21°42'12	2♎18	7°30	24°10	17°10	7° 9	1° 8	19°43	20°53	5°16	24°51	23°30	7°48	1°51	S 4
S 5	13 23 24	22°40'38	17°12	9°16	25°22	17°52	7°17	1° 5	19°46	20°53	5°17	24°45	23°27	7°54	1°54	S 5
M 6	13 27 21	23°39'02	1♏57	10°58	26°35	18°34	7°24	1° 2	19°49	20°53	5°18	24°36	23°24	8° 1	1°58	M 6
T 7	13 31 17	24°37'24	16°25	12°36	27°48	19°15	7°32	0°59	19°52	20°53	5°20	24°27	23°21	8° 7	2° 1	T 7
W 8	13 35 14	25°35'45	0♐31	14°10	29° 1	19°57	7°40	0°56	19°55	20°54	5°21	24°17	23°18	8°14	2° 5	W 8
T 9	13 39 10	26°34'04	14°10	15°40	0♈14	20°38	7°47	0°53	19°58	20°54	5°22	24° 9	23°14	8°21	2° 8	T 9
F 10	13 43 7	27°32'21	27°22	17° 6	1°27	21°20	7°55	0°50	20° 1	20°54	5°24	24° 3	23°11	8°27	2°11	F 10
S 11	13 47 4	28°30'37	10♑ 8	18°28	2°40	22° 1	8° 3	0°46	20° 4	20°54	5°25	24° 0	23° 8	8°34	2°15	S 11
S 12	13 51 0	29°28'51	22°33	19°45	3°53	22°43	8°12	0°43	20° 7	20°54	5°26	23°58	23° 5	8°41	2°18	S 12
M13	13 54 57	0♉27'03	4♒39	20°58	5° 6	23°24	8°20	0°39	20°10	20°55	5°28	23°D58	23° 2	8°47	2°21	M13
T 14	13 58 53	1°25'14	16°34	22° 6	6°19	24° 5	8°28	0°36	20°12	20°55	5°29	23°58	22°59	8°54	2°25	T 14
W15	14 2 50	2°23'24	28°22	23° 9	7°32	24°47	8°37	0°32	20°15	20°R55	5°30	23°R58	22°55	9° 1	2°28	W15
T 16	14 6 46	3°21'32	10♓ 9	24° 8	8°45	25°28	8°46	0°29	20°18	20°55	5°32	23°57	22°52	9° 7	2°31	T 16
F 17	14 10 43	4°19'38	21°59	25° 2	9°58	26° 9	8°55	0°25	20°21	20°55	5°33	23°53	22°49	9°14	2°34	F 17
S 18	14 14 39	5°17'43	3♈57	25°50	11°11	26°50	9° 4	0°21	20°23	20°54	5°34	23°47	22°46	9°21	2°37	S 18
S 19	14 18 36	6°15'47	16° 4	26°34	12°24	27°32	9°13	0°17	20°26	20°54	5°36	23°39	22°43	9°27	2°41	S 19
M20	14 22 33	7°13'49	28°23	27°13	13°37	28°13	9°22	0°13	20°29	20°54	5°37	23°28	22°40	9°34	2°44	M20
T 21	14 26 29	8°11'49	10♉56	27°47	14°50	28°54	9°31	0° 9	20°31	20°54	5°38	23°15	22°36	9°41	2°47	T 21
W22	14 30 26	9° 9'48	23°42	28°15	16° 3	29°35	9°40	0° 5	20°34	20°54	5°39	23° 3	22°33	9°47	2°50	W22
T 23	14 34 22	10° 7'45	6♊41	28°39	17°16	0♊16	9°50	0° 1	20°36	20°54	5°41	22°51	22°30	9°54	2°53	T 23
F 24	14 38 19	11° 5'40	19°51	28°57	18°29	0°57	9°59	29♏57	20°39	20°53	5°42	22°41	22°27	10° 1	2°56	F 24
S 25	14 42 15	12° 3'34	3♋14	29°11	19°42	1°38	10° 9	29°53	20°41	20°53	5°43	22°34	22°24	10° 7	2°59	S 25
S 26	14 46 12	13° 1'26	16°47	29°19	20°55	2°18	10°19	29°49	20°44	20°53	5°44	22°29	22°20	10°14	3° 2	S 26
M27	14 50 8	13°59'16	0♌30	29°R22	22° 8	2°59	10°29	29°45	20°46	20°52	5°45	22°27	22°17	10°20	3° 5	M27
T 28	14 54 5	14°57'05	14°25	29°21	23°21	3°40	10°39	29°41	20°48	20°52	5°47	22°27	22°14	10°27	3° 8	T 28
W29	14 58 2	15°54'51	28°30	29°15	24°34	4°21	10°49	29°37	20°51	20°51	5°48	22°27	22°11	10°34	3°11	W29
T 30	15 1 58	16♉52'36	12♍46	29♉ 4	25♈47	5♊ 1	10♋59	29♏32	20♓53	20♑51	5♈49	22♒26	22♒ 8	10♓40	3♈13	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	7n23	16n 2	0n37	13n16	1n 9	5s 7	1s28	16n46	0n22	23n40	0n19	18s26	2n 6	4s49	0s44	21s25	0n29	13s16	16s44	13s15	13s41	7s40	3n18	2n52
T 2	7 45	9 55	0s41	14 5	1 20	4 40	1 29	16 59	0 22	23 40	0 19	18 26	2 6	4 48	0 44	21 25	0 29	13 15	16 44	13 15	13 42	7 36	3 19	2 52
F 3	8 7	3 11	1 58	14 53	1 30	4 12	1 30	17 11	0 23	23 39	0 19	18 25	2 6	4 47	0 44	21 25	0 29	13 15	16 44	13 16	13 43	7 33	3 20	2 52
S 4	8 29	3s46	3 6	15 38	1 40	3 44	1 31	17 24	0 23	23 39	0 19	18 24	2 6	4 45	0 44	21 25	0 29	13 14	16 44	13 17	13 44	7 30	3 22	2 52
S 5	8 51	10 30	4 2	16 21	1 49	3 15	1 32	17 36	0 24	23 39	0 19	18 24	2 6	4 44	0 44	21 25	0 29	13 14	16 44	13 19	13 45	7 27	3 23	2 52
M 6	9 13	16 35	4 41	17 2	1 58	2 47	1 33	17 48	0 25	23 38	0 19	18 23	2 6	4 43	0 44	21 25	0 29	13 13	16 44	13 22	13 46	7 23	3 25	2 52
T 7	9 34	21 37	5 2	17 40	2 6	2 19	1 34	18 0	0 25	23 38	0 19	18 22	2 6	4 42	0 44	21 25	0 30	13 13	16 44	13 25	13 47	7 20	3 26	2 52
W 8	9 56	25 16	5 3	18 16	2 13	1 50	1 35	18 12	0 26	23 37	0 19	18 22	2 6	4 41	0 44	21 25	0 30	13 12	16 45	13 28	13 48	7 17	3 27	2 52
T 9	10 17	27 19	4 46	18 49	2 20	1 22	1 35	18 24	0 26	23 37	0 19	18 21	2 6	4 40	0 44	21 25	0 30	13 12	16 45	13 31	13 49	7 13	3 29	2 52
F 10	10 38	27 45	4 15	19 20	2 26	0 53	1 36	18 36	0 27	23 37	0 19	18 20	2 7	4 39	0 44	21 25	0 30	13 12	16 45	13 33	13 50	7 10	3 30	2 52
S 11	10 59	26 39	3 32	19 48	2 31	0 24	1 36	18 47	0 27	23 36	0 19	18 19	2 7	4 37	0 44	21 25	0 30	13 11	16 45	13 34	13 51	7 7	3 31	2 52
S 12	11 20	24 15	2 40	20 14	2 35	0n 5	1 36	18 58	0 28	23 36	0 19	18 19	2 7	4 36	0 44	21 25	0 30	13 11	16 45	13 35	13 52	7 4	3 33	2 52
M13	11 40	20 48	1 41	20 36	2 38	0 33	1 37	19 9	0 29	23 35	0 19	18 18	2 7	4 35	0 44	21 24	0 30	13 10	16 45	13 35	13 53	7 0	3 34	2 52
T 14	12 1	16 33	0 39	20 57	2 41	1 2	1 37	19 20	0 29	23 35	0 19	18 17	2 7	4 34	0 44	21 24	0 30	13 10	16 45	13 35	13 54	6 57	3 35	2 52
W15	12 21	11 43	0n23	21 14	2 42	1 31	1 37	19 31	0 30	23 34	0 20	18 16	2 7	4 33	0 44	21 24	0 30	13 10	16 46	13 35	13 56	6 54	3 37	2 52
T 16	12 41	6 29	1 25	21 30	2 42	2 0	1 37	19 41	0 30	23 34	0 20	18 15	2 7	4 32	0 44	21 24	0 30	13 9	16 46	13 35	13 57	6 50	3 38	2 52
F 17	13 1	1 0	2 23	21 42	2 42	2 28	1 37	19 52	0 31	23 33	0 20	18 15	2 7	4 31	0 44	21 24	0 30	13 9	16 46	13 36	13 58	6 47	3 39	2 52
S 18	13 20	4n34	3 16	21 53	2 40	2 57	1 37	20 2	0 31	23 33	0 20	18 14	2 7	4 30	0 44	21 24	0 30	13 9	16 46	13 38	13 59	6 44	3 41	2 52
S 19	13 39	10 1	4 0	22 0	2 37	3 26	1 37	20 12	0 32	23 32	0 20	18 13	2 7	4 29	0 44	21 24	0 30	13 8	16 46	13 41	14 0	6 41	3 42	2 52
M20	13 59	15 11	4 33	22 6	2 33	3 55	1 37	20 21	0 32	23 31	0 20	18 12	2 7	4 28	0 44	21 24	0 30	13 8	16 46	13 45	14 1	6 37	3 43	2 52
T 21	14 17	19 49	4 54	22 9	2 28	4 23	1 36	20 31	0 33	23 31	0 20	18 11	2 7	4 27	0 44	21 25	0 30	13 8	16 47	13 49	14 2	6 34	3 44	2 52
W22	14 36	23 37	5 1	22 9	2 22	4 52	1 36	20 41	0 33	23 30	0 20	18 10	2 7	4 26	0 44	21 25	0 30	13 7	16 47	13 53	14 3	6 31	3 46	2 52
T 23	14 55	26 18	4 52	22 8	2 15	5 20	1 36	20 50	0 34	23 30	0 20	18 9	2 7	4 25	0 44	21 25	0 30	13 7	16 47	13 57	14 4	6 27	3 47	2 52
F 24	15 13	27 36	4 28	22 4	2 7	5 48	1 35	20 59	0 34	23 29	0 20	18 9	2 7	4 24	0 44	21 25	0 30	13 7	16 47	14 0	14 5	6 24	3 48	2 52
S 25	15 31	27 18	3 49	21 58	1 58	6 17	1 35	21 8	0 35	23 28	0 20	18 8	2 7	4 23	0 44	21 25	0 30	13 6	16 47	14 3	14 6	6 21	3 49	2 52
S 26	15 48	25 24	2 57	21 49	1 47	6 45	1 34	21 16	0 35	23 28	0 20	18 7	2 7	4 22	0 44	21 25	0 30	13 6	16 48	14 4	14 7	6 18	3 51	2 52
M27	16 6	21 58	1 53	21 39	1 36	7 13	1 33	21 25	0 36	23 27	0 20	18 6	2 7	4 21	0 44	21 25	0 30	13 6	16 48	14 5	14 8	6 14	3 52	2 52
T 28	16 23	17 15	0 42	21 26	1 23	7 40	1 32	21 33	0 36	23 26	0 20	18 5	2 7	4 20	0 45	21 25	0 30	13 6	16 48	14 5	14 9	6 11	3 53	2 52
W29	16 40	11 32	0s32	21 12	1 10	8 8	1 32	21 41	0 37	23 25	0 20	18 4	2 7	4 19	0 45	21 25	0 30	13 5	16 48	14 5	14 10	6 8	3 54	2 52
T 30	16n56	5n10	1s45	20n55	0n55	8n36	1s31	21n49	0n37	23n25	0n20	18s 3	2n 7	4s19	0s45	21s25	0n30	13s 5	16s48	14s 5	14s11	6s 4	3n55	2n52

Julian Day Number = 2209852.5, Delta T = 09m26s
Ecliptic obliquity = 23°31'39, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°30'37, Lahiri = 14°37'37 Julian Calendar 1 Apr. 1338 == Greg. Calendar 9 Apr. 1338

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ASTRODIENST EPHEMERIS for the year 1338
geocentric

MAY 1338 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	15 5 55	17♉50'19	27♍10	28°R49	27♈ 1	5♊42	11♋ 9	29°R28	20♓55	20°R51	5♈50	22°R23	22♒ 5	10♓47	3♈16	F 1
S 2	15 9 51	18°48'01	11♎40	28♉30	28°14	6°23	11°20	29♏24	20°57	20♑50	5°51	22♒17	22° 1	10°54	3°19	S 2
S 3	15 13 48	19°45'40	26°10	28° 7	29°27	7° 3	11°30	29°19	20°59	20°49	5°52	22° 9	21°58	11° 0	3°22	S 3
M 4	15 17 44	20°43'19	10♏34	27°41	0♉40	7°44	11°41	29°15	21° 1	20°49	5°53	21°58	21°55	11° 7	3°25	M 4
T 5	15 21 41	21°40'56	24°45	27°13	1°53	8°24	11°51	29°11	21° 4	20°48	5°55	21°47	21°52	11°14	3°27	T 5
W 6	15 25 37	22°38'32	8♐39	26°42	3° 6	9° 5	12° 2	29° 6	21° 6	20°48	5°56	21°35	21°49	11°20	3°30	W 6
T 7	15 29 34	23°36'07	22°11	26°10	4°19	9°45	12°13	29° 2	21° 8	20°47	5°57	21°25	21°46	11°27	3°32	T 7
F 8	15 33 31	24°33'41	5♑20	25°36	5°32	10°26	12°24	28°58	21°10	20°46	5°58	21°16	21°42	11°34	3°35	F 8
S 9	15 37 27	25°31'13	18° 5	25° 2	6°45	11° 6	12°35	28°53	21°11	20°46	5°59	21°11	21°39	11°40	3°38	S 9
S 10	15 41 24	26°28'45	0♒30	24°28	7°58	11°46	12°46	28°49	21°13	20°45	6° 0	21° 8	21°36	11°47	3°40	S 10
M11	15 45 20	27°26'16	12°39	23°55	9°12	12°27	12°57	28°44	21°15	20°44	6° 1	21° 6	21°33	11°54	3°42	M11
T 12	15 49 17	28°23'46	24°35	23°23	10°25	13° 7	13° 8	28°40	21°17	20°43	6° 2	21° 6	21°30	12° 0	3°45	T 12
W13	15 53 13	29°21'15	6♓25	22°53	11°38	13°47	13°19	28°35	21°19	20°42	6° 3	21° 6	21°26	12° 7	3°47	W13
T 14	15 57 10	0♊18'43	18°13	22°25	12°51	14°27	13°30	28°31	21°20	20°42	6° 4	21° 5	21°23	12°14	3°50	T 14
F 15	16 1 6	1°16'11	0♈ 6	21°59	14° 4	15° 7	13°42	28°26	21°22	20°41	6° 4	21° 2	21°20	12°20	3°52	F 15
S 16	16 5 3	2°13'37	12° 8	21°37	15°17	15°48	13°53	28°22	21°24	20°40	6° 5	20°56	21°17	12°27	3°54	S 16
S 17	16 9 0	3°11'03	24°23	21°19	16°31	16°28	14° 5	28°18	21°25	20°39	6° 6	20°48	21°14	12°34	3°56	S 17
M18	16 12 56	4° 8'28	6♉53	21° 4	17°44	17° 8	14°16	28°13	21°27	20°38	6° 7	20°38	21°11	12°40	3°59	M18
T 19	16 16 53	5° 5'53	19°40	20°53	18°57	17°48	14°28	28° 9	21°28	20°37	6° 8	20°26	21° 7	12°47	4° 1	T 19
W20	16 20 49	6° 3'17	2♊45	20°46	20°10	18°28	14°40	28° 4	21°30	20°36	6° 9	20°14	21° 4	12°54	4° 3	W20
T 21	16 24 46	7° 0'40	16° 5	20°D44	21°23	19° 8	14°51	28° 0	21°31	20°35	6°10	20° 3	21° 1	13° 0	4° 5	T 21
F 22	16 28 42	7°58'02	29°39	20°46	22°37	19°48	15° 3	27°56	21°33	20°34	6°10	19°53	20°58	13° 7	4° 7	F 22
S 23	16 32 39	8°55'23	13♋24	20°52	23°50	20°28	15°15	27°51	21°34	20°33	6°11	19°46	20°55	13°14	4° 9	S 23
S 24	16 36 35	9°52'43	27°17	21° 3	25° 3	21° 7	15°27	27°47	21°35	20°31	6°12	19°42	20°52	13°20	4°11	S 24
M25	16 40 32	10°50'02	11♌17	21°19	26°16	21°47	15°39	27°43	21°36	20°30	6°13	19°40	20°48	13°27	4°13	M25
T 26	16 44 29	11°47'20	25°20	21°39	27°30	22°27	15°51	27°39	21°38	20°29	6°13	19°D40	20°45	13°33	4°14	T 26
W27	16 48 25	12°44'38	9♍27	22° 4	28°43	23° 7	16° 3	27°34	21°39	20°28	6°14	19°R41	20°42	13°40	4°16	W27
T 28	16 52 22	13°41'54	23°36	22°33	29°56	23°47	16°16	27°30	21°40	20°27	6°15	19°40	20°39	13°47	4°18	T 28
F 29	16 56 18	14°39'09	7♎46	23° 6	1♊10	24°26	16°28	27°26	21°41	20°26	6°15	19°38	20°36	13°53	4°20	F 29
S 30	17 0 15	15°36'23	21°54	23°44	2°23	25° 6	16°40	27°22	21°42	20°24	6°16	19°34	20°32	14° 0	4°21	S 30
S 31	17 4 11	16♊33'37	5♏59	24♉25	3♊36	25♊46	16♋52	27♏18	21♓43	20♑23	6♈17	19♒27	20♒29	14♓ 7	4♈23	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	17n13	1s31	2s53	20n37	0n40	9n 3	1s30	21n57	0n38	23n24	0n20	18s 2	2n 7	4s18	0s45	21s25	0n30	13s 5	16s49	14s 6	14s12	6s 1	3n56	2n52
S 2	17 29	8 8	3 49	20 17	0 24	9 30	1 29	22 5	0 38	23 23	0 20	18 1	2 7	4 17	0 45	21 25	0 30	13 5	16 49	14 8	14 13	5 58	3 58	2 52
S 3	17 44	14 20	4 31	19 56	0 8	9 57	1 28	22 12	0 39	23 22	0 21	18 1	2 7	4 16	0 45	21 25	0 30	13 4	16 49	14 11	14 14	5 55	3 59	2 53
M 4	18 0	19 42	4 55	19 34	0s 9	10 24	1 27	22 19	0 39	23 21	0 21	18 0	2 7	4 15	0 45	21 25	0 30	13 4	16 49	14 14	14 15	5 51	4 0	2 53
T 5	18 15	23 52	5 0	19 11	0 27	10 50	1 25	22 26	0 40	23 20	0 21	17 59	2 7	4 14	0 45	21 25	0 30	13 4	16 50	14 18	14 16	5 48	4 1	2 53
W 6	18 30	26 33	4 47	18 47	0 44	11 16	1 24	22 33	0 40	23 19	0 21	17 58	2 7	4 14	0 45	21 25	0 30	13 4	16 50	14 22	14 17	5 45	4 2	2 53
T 7	18 45	27 36	4 19	18 22	1 1	11 42	1 23	22 40	0 40	23 18	0 21	17 57	2 7	4 13	0 45	21 26	0 30	13 4	16 50	14 25	14 18	5 41	4 3	2 53
F 8	18 59	27 2	3 37	17 57	1 19	12 8	1 21	22 46	0 41	23 18	0 21	17 56	2 7	4 12	0 45	21 26	0 30	13 4	16 50	14 28	14 19	5 38	4 4	2 53
S 9	19 13	25 2	2 45	17 33	1 36	12 34	1 20	22 52	0 41	23 17	0 21	17 55	2 7	4 11	0 45	21 26	0 30	13 3	16 51	14 30	14 20	5 35	4 5	2 53
S 10	19 26	21 51	1 47	17 8	1 52	12 59	1 19	22 58	0 42	23 16	0 21	17 54	2 7	4 11	0 45	21 26	0 30	13 3	16 51	14 31	14 21	5 31	4 6	2 53
M11	19 40	17 47	0 45	16 45	2 8	13 24	1 17	23 4	0 42	23 15	0 21	17 53	2 7	4 10	0 45	21 26	0 30	13 3	16 51	14 31	14 22	5 28	4 7	2 53
T 12	19 53	13 5	0n18	16 22	2 24	13 48	1 15	23 10	0 43	23 14	0 21	17 52	2 7	4 9	0 45	21 26	0 30	13 3	16 52	14 31	14 23	5 25	4 8	2 53
W13	20 5	7 57	1 20	16 1	2 38	14 12	1 14	23 15	0 43	23 12	0 21	17 51	2 7	4 9	0 45	21 26	0 30	13 3	16 52	14 31	14 24	5 22	4 9	2 53
T 14	20 17	2 33	2 19	15 41	2 52	14 36	1 12	23 20	0 44	23 11	0 21	17 50	2 7	4 8	0 45	21 26	0 30	13 3	16 52	14 31	14 25	5 18	4 10	2 53
F 15	20 29	2n58	3 11	15 22	3 4	15 0	1 10	23 25	0 44	23 10	0 21	17 50	2 7	4 7	0 45	21 26	0 30	13 3	16 52	14 32	14 27	5 15	4 11	2 53
S 16	20 41	8 26	3 56	15 6	3 15	15 23	1 9	23 30	0 44	23 9	0 21	17 49	2 7	4 7	0 45	21 27	0 30	13 3	16 53	14 34	14 28	5 12	4 12	2 53
S 17	20 52	13 40	4 30	14 51	3 25	15 46	1 7	23 35	0 45	23 8	0 21	17 48	2 7	4 6	0 45	21 27	0 30	13 3	16 53	14 37	14 29	5 8	4 13	2 53
M18	21 3	18 28	4 53	14 39	3 34	16 8	1 5	23 39	0 45	23 7	0 21	17 47	2 7	4 6	0 45	21 27	0 30	13 2	16 53	14 40	14 30	5 5	4 14	2 53
T 19	21 14	22 33	5 1	14 28	3 42	16 30	1 3	23 43	0 46	23 6	0 21	17 46	2 6	4 5	0 45	21 27	0 30	13 2	16 54	14 44	14 31	5 2	4 15	2 54
W20	21 24	25 35	4 54	14 20	3 48	16 52	1 1	23 47	0 46	23 4	0 21	17 45	2 6	4 5	0 45	21 27	0 30	13 2	16 54	14 48	14 32	4 58	4 16	2 54
T 21	21 34	27 17	4 31	14 15	3 54	17 13	0 59	23 51	0 46	23 3	0 22	17 44	2 6	4 4	0 45	21 27	0 30	13 2	16 54	14 51	14 33	4 55	4 17	2 54
F 22	21 43	27 24	3 53	14 11	3 58	17 34	0 57	23 55	0 47	23 2	0 22	17 43	2 6	4 4	0 45	21 28	0 30	13 2	16 55	14 54	14 34	4 52	4 18	2 54
S 23	21 52	25 50	3 0	14 10	4 1	17 54	0 55	23 58	0 47	23 1	0 22	17 42	2 6	4 3	0 45	21 28	0 30	13 2	16 55	14 56	14 35	4 48	4 19	2 54
S 24	22 1	22 40	1 56	14 11	4 2	18 14	0 53	24 1	0 48	22 59	0 22	17 42	2 6	4 3	0 45	21 28	0 30	13 2	16 55	14 58	14 36	4 45	4 19	2 54
M25	22 9	18 10	0 45	14 15	4 3	18 34	0 51	24 4	0 48	22 58	0 22	17 41	2 6	4 2	0 45	21 28	0 30	13 2	16 56	14 58	14 37	4 42	4 20	2 54
T 26	22 17	12 39	0s30	14 20	4 2	18 53	0 49	24 7	0 48	22 57	0 22	17 40	2 6	4 2	0 45	21 28	0 30	13 2	16 56	14 58	14 38	4 39	4 21	2 54
W27	22 25	6 28	1 43	14 28	4 1	19 11	0 47	24 10	0 49	22 55	0 22	17 39	2 6	4 1	0 45	21 28	0 30	13 2	16 56	14 58	14 39	4 35	4 22	2 54
T 28	22 32	0s 3	2 50	14 38	3 59	19 29	0 45	24 12	0 49	22 54	0 22	17 38	2 6	4 1	0 45	21 29	0 30	13 2	16 56	14 58	14 40	4 32	4 23	2 54
F 29	22 38	6 34	3 47	14 49	3 55	19 47	0 42	24 14	0 50	22 52	0 22	17 37	2 5	4 0	0 46	21 29	0 30	13 2	16 57	14 59	14 41	4 29	4 23	2 54
S 30	22 45	12 44	4 30	15 2	3 51	20 4	0 40	24 16	0 50	22 51	0 22	17 37	2 5	4 0	0 46	21 29	0 30	13 2	16 57	15 0	14 42	4 25	4 24	2 54
S 31	22n51	18s12	4s56	15n17	3s46	20n20	0s38	24n18	0n50	22n49	0n22	17s36	2n 5	4s 0	0s46	21s29	0n30	13s 3	16s58	15s 2	14s43	4s22	4n25	2n54

Julian Day Number = 2209882.5, Delta T = 09m26s
Ecliptic obliquity = 23°31'38, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°30'41, Lahiri = 14°37'42 Julian Calendar 1 May 1338 == Greg. Calendar 9 May 1338

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ASTRODIENST EPHEMERIS for the year 1338
geocentric

JUNE 1338 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	17 8 8	17♊30'50	19♏57	25♉11	4♊49	26♊25	17♋ 5	27°R14	21♓44	20°R22	6♈17	19°R19	20♒26	14♓13	4♈24	M 1
T 2	17 12 4	18°28'03	3♐44	26° 1	6° 3	27° 5	17°17	27♏10	21°44	20♑20	6°18	19♒ 9	20°23	14°20	4°26	T 2
W 3	17 16 1	19°25'14	17°16	26°55	7°16	27°44	17°30	27° 6	21°45	20°19	6°18	18°59	20°20	14°27	4°27	W 3
T 4	17 19 58	20°22'26	0♑31	27°53	8°30	28°24	17°42	27° 2	21°46	20°18	6°19	18°51	20°17	14°33	4°29	T 4
F 5	17 23 54	21°19'37	13°27	28°55	9°43	29° 3	17°55	26°58	21°47	20°16	6°19	18°44	20°13	14°40	4°30	F 5
S 6	17 27 51	22°16'48	26° 5	0♊ 1	10°56	29°43	18° 7	26°54	21°47	20°15	6°20	18°39	20°10	14°47	4°31	S 6
S 7	17 31 47	23°13'59	8♒26	1°10	12°10	0♋22	18°20	26°51	21°48	20°14	6°20	18°37	20° 7	14°53	4°33	S 7
M 8	17 35 44	24°11'10	20°32	2°23	13°23	1° 2	18°33	26°47	21°49	20°12	6°21	18°D36	20° 4	15° 0	4°34	M 8
T 9	17 39 40	25° 8'20	2♓28	3°40	14°37	1°41	18°45	26°43	21°49	20°11	6°21	18°37	20° 1	15° 7	4°35	T 9
W10	17 43 37	26° 5'31	14°18	5° 0	15°50	2°20	18°58	26°40	21°50	20° 9	6°22	18°38	19°58	15°13	4°36	W10
T 11	17 47 34	27° 2'41	26° 8	6°24	17° 3	3° 0	19°11	26°36	21°50	20° 8	6°22	18°R38	19°54	15°20	4°37	T 11
F 12	17 51 30	27°59'52	8♈ 3	7°51	18°17	3°39	19°24	26°33	21°50	20° 7	6°23	18°38	19°51	15°27	4°38	F 12
S 13	17 55 27	28°57'03	20° 7	9°22	19°30	4°18	19°37	26°29	21°51	20° 5	6°23	18°35	19°48	15°33	4°39	S 13
S 14	17 59 23	29°54'14	2♉25	10°57	20°44	4°57	19°49	26°26	21°51	20° 4	6°23	18°31	19°45	15°40	4°40	S 14
M15	18 3 20	0♌51'25	15° 1	12°34	21°57	5°37	20° 2	26°23	21°51	20° 2	6°24	18°25	19°42	15°47	4°41	M15
T 16	18 7 16	1°48'36	27°58	14°15	23°11	6°16	20°15	26°19	21°51	20° 1	6°24	18°18	19°38	15°53	4°41	T 16
W17	18 11 13	2°45'48	11♊15	16° 0	24°25	6°55	20°28	26°16	21°51	19°59	6°24	18°10	19°35	16° 0	4°42	W17
T 18	18 15 9	3°43'00	24°53	17°47	25°38	7°34	20°41	26°13	21°52	19°58	6°24	18° 3	19°32	16° 7	4°43	T 18
F 19	18 19 6	4°40'12	8♌49	19°37	26°52	8°13	20°54	26°10	21°R52	19°56	6°25	17°57	19°29	16°13	4°44	F 19
S 20	18 23 3	5°37'24	22°58	21°31	28° 5	8°52	21° 7	26° 7	21°52	19°54	6°25	17°53	19°26	16°20	4°44	S 20
S 21	18 26 59	6°34'36	7♎17	23°27	29°19	9°32	21°20	26° 4	21°51	19°53	6°25	17°51	19°23	16°27	4°45	S 21
M22	18 30 56	7°31'48	21°40	25°25	0♍33	10°11	21°33	26° 2	21°51	19°51	6°25	17°D51	19°19	16°33	4°45	M22
T 23	18 34 52	8°29'00	6♏ 3	27°26	1°46	10°50	21°47	25°59	21°51	19°50	6°25	17°51	19°16	16°40	4°46	T 23
W24	18 38 49	9°26'12	20°23	29°28	3° 0	11°29	22° 0	25°56	21°51	19°48	6°25	17°53	19°13	16°47	4°46	W24
T 25	18 42 45	10°23'24	4♐36	1♎32	4°14	12° 8	22°13	25°54	21°51	19°46	6°25	17°R54	19°10	16°53	4°46	T 25
F 26	18 46 42	11°20'35	18°41	3°38	5°27	12°47	22°26	25°51	21°50	19°45	6°26	17°54	19° 7	17° 0	4°46	F 26
S 27	18 50 38	12°17'47	2♑38	5°45	6°41	13°26	22°39	25°49	21°50	19°43	6°26	17°52	19° 4	17° 7	4°47	S 27
S 28	18 54 35	13°14'59	16°23	7°53	7°55	14° 4	22°52	25°47	21°50	19°42	6°26	17°49	19° 0	17°13	4°47	S 28
M29	18 58 32	14°12'12	29°57	10° 1	9° 8	14°43	23° 6	25°44	21°49	19°40	6°R26	17°45	18°57	17°20	4°47	M29
T 30	19 2 28	15♋ 9'24	13♐19	12♋10	10♋22	15♋22	23♋19	25♏42	21♓49	19♑38	6♈26	17♒40	18♒54	17♓27	4°R47	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	22n56	22s40	5s 4	15n34	3s40	20n36	0s36	24n19	0n51	22n48	0n22	17s35	2n 5	3s59	0s46	21s29	0n30	13s 3	16s58	15s 5	14s44	4s19	4n26	2n55
T 2	23 1	25 47	4 54	15 52	3 34	20 51	0 33	24 21	0 51	22 46	0 22	17 34	2 5	3 59	0 46	21 29	0 30	13 3	16 58	15 8	14 45	4 15	4 26	2 55
W 3	23 6	27 22	4 28	16 12	3 26	21 6	0 31	24 22	0 51	22 45	0 22	17 33	2 5	3 59	0 46	21 30	0 30	13 3	16 59	15 11	14 46	4 12	4 27	2 55
T 4	23 11	27 19	3 48	16 32	3 19	21 20	0 29	24 23	0 52	22 43	0 22	17 33	2 5	3 59	0 46	21 30	0 30	13 3	16 59	15 14	14 47	4 9	4 27	2 55
F 5	23 15	25 46	2 57	16 54	3 10	21 33	0 26	24 24	0 52	22 42	0 22	17 32	2 4	3 58	0 46	21 30	0 30	13 3	16 59	15 16	14 48	4 5	4 28	2 55
S 6	23 18	22 56	1 58	17 17	3 1	21 46	0 24	24 24	0 52	22 40	0 23	17 31	2 4	3 58	0 46	21 30	0 30	13 3	17 0	15 17	14 49	4 2	4 29	2 55
S 7	23 21	19 6	0 54	17 40	2 51	21 59	0 21	24 24	0 53	22 38	0 23	17 31	2 4	3 58	0 46	21 31	0 30	13 3	17 0	15 18	14 50	3 59	4 29	2 55
M 8	23 24	14 32	0n10	18 5	2 41	22 11	0 19	24 25	0 53	22 37	0 23	17 30	2 4	3 58	0 46	21 31	0 30	13 3	17 0	15 18	14 51	3 56	4 30	2 55
T 9	23 26	9 29	1 14	18 30	2 31	22 22	0 17	24 24	0 53	22 35	0 23	17 29	2 4	3 58	0 46	21 31	0 30	13 4	17 1	15 18	14 52	3 52	4 30	2 55
W10	23 28	4 8	2 14	18 55	2 20	22 32	0 14	24 24	0 54	22 33	0 23	17 29	2 4	3 57	0 46	21 31	0 30	13 4	17 1	15 18	14 53	3 49	4 31	2 55
T 11	23 30	1n20	3 8	19 21	2 9	22 42	0 12	24 24	0 54	22 32	0 23	17 28	2 3	3 57	0 46	21 31	0 30	13 4	17 1	15 18	14 54	3 46	4 31	2 55
F 12	23 31	6 47	3 54	19 46	1 57	22 51	0 9	24 23	0 54	22 30	0 23	17 27	2 3	3 57	0 46	21 32	0 30	13 4	17 2	15 18	14 55	3 42	4 32	2 56
S 13	23 31	12 4	4 31	20 12	1 45	23 0	0 7	24 22	0 55	22 28	0 23	17 27	2 3	3 57	0 46	21 32	0 30	13 4	17 2	15 19	14 56	3 39	4 32	2 56
S 14	23 32	16 59	4 56	20 38	1 33	23 8	0 5	24 21	0 55	22 26	0 23	17 26	2 3	3 57	0 46	21 32	0 30	13 5	17 2	15 20	14 57	3 36	4 33	2 56
M15	23 31	21 17	5 7	21 3	1 21	23 15	0 2	24 20	0 55	22 24	0 23	17 25	2 3	3 57	0 46	21 32	0 30	13 5	17 3	15 22	14 58	3 32	4 33	2 56
T 16	23 31	24 42	5 4	21 27	1 9	23 21	0n 0	24 18	0 56	22 23	0 23	17 25	2 3	3 57	0 46	21 32	0 30	13 5	17 3	15 24	14 59	3 29	4 34	2 56
W17	23 30	26 53	4 44	21 51	0 56	23 27	0 3	24 17	0 56	22 21	0 23	17 24	2 2	3 57	0 46	21 33	0 30	13 5	17 4	15 26	15 0	3 26	4 34	2 56
T 18	23 28	27 33	4 7	22 14	0 44	23 32	0 5	24 15	0 56	22 19	0 23	17 24	2 2	3 57	0 46	21 33	0 30	13 5	17 4	15 29	15 1	3 22	4 34	2 56
F 19	23 27	26 29	3 15	22 35	0 32	23 37	0 8	24 13	0 57	22 17	0 23	17 23	2 2	3 57	0 46	21 33	0 30	13 6	17 4	15 30	15 2	3 19	4 35	2 56
S 20	23 24	23 43	2 11	22 55	0 20	23 41	0 10	24 11	0 57	22 15	0 24	17 23	2 2	3 57	0 46	21 33	0 30	13 6	17 5	15 32	15 3	3 16	4 35	2 56
S 21	23 22	19 26	0 57	23 14	0 8	23 44	0 12	24 8	0 57	22 13	0 24	17 22	2 2	3 57	0 46	21 34	0 30	13 6	17 5	15 32	15 4	3 12	4 35	2 56
M22	23 19	14 0	0s21	23 30	0n 3	23 46	0 15	24 6	0 58	22 11	0 24	17 22	2 1	3 57	0 46	21 34	0 30	13 6	17 5	15 32	15 5	3 9	4 36	2 57
T 23	23 15	7 49	1 37	23 45	0 15	23 48	0 17	24 3	0 58	22 9	0 24	17 21	2 1	3 57	0 46	21 34	0 30	13 7	17 6	15 32	15 6	3 6	4 36	2 57
W24	23 11	1 15	2 48	23 57	0 25	23 49	0 19	24 0	0 58	22 7	0 24	17 21	2 1	3 57	0 46	21 34	0 30	13 7	17 6	15 32	15 7	3 3	4 36	2 57
T 25	23 7	5s18	3 47	24 7	0 36	23 49	0 22	23 57	0 59	22 5	0 24	17 21	2 1	3 57	0 47	21 35	0 30	13 7	17 6	15 31	15 8	2 59	4 36	2 57
F 26	23 2	11 32	4 32	24 14	0 45	23 49	0 24	23 53	0 59	22 3	0 24	17 20	2 1	3 58	0 47	21 35	0 30	13 8	17 7	15 31	15 9	2 56	4 37	2 57
S 27	22 57	17 8	5 1	24 19	0 55	23 48	0 26	23 50	0 59	22 1	0 24	17 20	2 0	3 58	0 47	21 35	0 30	13 8	17 7	15 32	15 10	2 53	4 37	2 57
S 28	22 52	21 46	5 11	24 21	1 3	23 46	0 28	23 46	0 59	21 59	0 24	17 20	2 0	3 58	0 47	21 35	0 30	13 8	17 8	15 33	15 11	2 49	4 37	2 57
M29	22 46	25 10	5 5	24 20	1 11	23 43	0 31	23 42	1 0	21 56	0 24	17 19	2 0	3 58	0 47	21 36	0 30	13 9	17 8	15 34	15 12	2 46	4 37	2 57
T 30	22n40	27s 8	4s41	24n16	1n18	23n40	0n33	23n38	1n 0	21n54	0n24	17s19	2n 0	3s58	0s47	21s36	0n29	13s 9	17s 8	15s36	15s13	2s43	4n37	2n57

Julian Day Number = 2209913.5, Delta T = 09m26s
Ecliptic obliquity = 23°31'37, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°30'45, Lahiri = 14°37'46 Julian Calendar 1 June 1338 == Greg. Calendar 9 June 1338

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ASTRODIENST EPHEMERIS for the year 1338
geocentric

JULY 1338 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	19 6 25	16♋ 6'37	26♐27	14♋18	11♋36	16♋ 1	23♋32	25°R40	21°R48	19°R37	6°R26	17°R35	18♒51	17♓33	4°R47	W 1
T 2	19 10 21	17° 3'50	9♑20	16°26	12°50	16°40	23°45	25♏38	21♓48	19♑35	6♈26	17♒30	18°48	17°40	4♈47	T 2
F 3	19 14 18	18° 1'04	21°59	18°34	14° 4	17°19	23°59	25°37	21°47	19°34	6°25	17°27	18°44	17°47	4°47	F 3
S 4	19 18 14	18°58'18	4♒24	20°41	15°17	17°57	24°12	25°35	21°46	19°32	6°25	17°25	18°41	17°53	4°47	S 4
S 5	19 22 11	19°55'33	16°36	22°47	16°31	18°36	24°25	25°33	21°46	19°30	6°25	17°D24	18°38	18° 0	4°46	S 5
M 6	19 26 7	20°52'49	28°37	24°52	17°45	19°15	24°38	25°31	21°45	19°29	6°25	17°24	18°35	18° 7	4°46	M 6
T 7	19 30 4	21°50'05	10♓31	26°55	18°59	19°54	24°52	25°30	21°44	19°27	6°25	17°26	18°32	18°13	4°46	T 7
W 8	19 34 1	22°47'22	22°20	28°57	20°13	20°32	25° 5	25°28	21°43	19°25	6°25	17°27	18°29	18°20	4°45	W 8
T 9	19 37 57	23°44'40	4♈10	0♌58	21°27	21°11	25°18	25°27	21°42	19°24	6°25	17°29	18°25	18°27	4°45	T 9
F 10	19 41 54	24°41'59	16° 4	2°57	22°41	21°50	25°31	25°26	21°41	19°22	6°24	17°30	18°22	18°33	4°44	F 10
S 11	19 45 50	25°39'19	28° 8	4°55	23°55	22°28	25°45	25°25	21°40	19°21	6°24	17°R30	18°19	18°40	4°44	S 11
S 12	19 49 47	26°36'41	10♉26	6°51	25° 8	23° 7	25°58	25°24	21°39	19°19	6°24	17°30	18°16	18°47	4°43	S 12
M13	19 53 43	27°34'03	23° 2	8°46	26°22	23°46	26°11	25°23	21°38	19°17	6°24	17°28	18°13	18°53	4°43	M13
T 14	19 57 40	28°31'27	6♊ 1	10°39	27°36	24°24	26°25	25°22	21°37	19°16	6°23	17°26	18°10	19° 0	4°42	T 14
W15	20 1 36	29°28'52	19°23	12°30	28°50	25° 3	26°38	25°21	21°36	19°14	6°23	17°23	18° 6	19° 7	4°41	W15
T 16	20 5 33	0♌26'17	3♋10	14°20	0♌ 4	25°41	26°51	25°20	21°35	19°13	6°23	17°21	18° 3	19°13	4°40	T 16
F 17	20 9 30	1°23'45	17°19	16° 8	1°19	26°20	27° 4	25°20	21°33	19°11	6°22	17°19	18° 0	19°20	4°40	F 17
S 18	20 13 26	2°21'13	1♌48	17°55	2°33	26°59	27°18	25°19	21°32	19° 9	6°22	17°18	17°57	19°27	4°39	S 18
S 19	20 17 23	3°18'42	16°29	19°40	3°47	27°37	27°31	25°19	21°31	19° 8	6°21	17°D18	17°54	19°33	4°38	S 19
M20	20 21 19	4°16'12	1♍17	21°23	5° 1	28°16	27°44	25°19	21°29	19° 6	6°21	17°18	17°50	19°40	4°37	M20
T 21	20 25 16	5°13'42	16° 4	23° 5	6°15	28°54	27°57	25°18	21°28	19° 5	6°20	17°19	17°47	19°47	4°36	T 21
W22	20 29 12	6°11'14	0♎44	24°45	7°29	29°33	28°11	25°18	21°26	19° 3	6°20	17°19	17°44	19°53	4°35	W22
T 23	20 33 9	7° 8'46	15°12	26°23	8°43	0♌11	28°24	25°D18	21°25	19° 2	6°19	17°20	17°41	20° 0	4°33	T 23
F 24	20 37 6	8° 6'20	29°23	28° 0	9°57	0°49	28°37	25°18	21°23	19° 0	6°19	17°21	17°38	20° 7	4°32	F 24
S 25	20 41 2	9° 3'54	13♏17	29°36	11°11	1°28	28°50	25°19	21°22	18°59	6°18	17°R21	17°35	20°13	4°31	S 25
S 26	20 44 59	10° 1'30	26°53	1♍10	12°26	2° 6	29° 3	25°19	21°20	18°57	6°18	17°20	17°31	20°20	4°30	S 26
M27	20 48 55	10°59'06	10♐12	2°42	13°40	2°45	29°17	25°19	21°19	18°56	6°17	17°20	17°28	20°27	4°28	M27
T 28	20 52 52	11°56'43	23°14	4°13	14°54	3°23	29°30	25°20	21°17	18°54	6°17	17°19	17°25	20°33	4°27	T 28
W29	20 56 48	12°54'22	6♑ 0	5°42	16° 8	4° 1	29°43	25°20	21°15	18°53	6°16	17°19	17°22	20°40	4°26	W29
T 30	21 0 45	13°52'01	18°34	7° 9	17°22	4°40	29°56	25°21	21°14	18°51	6°15	17°18	17°19	20°47	4°24	T 30
F 31	21 4 41	14♌49'42	0♒55	8♍35	18♌37	5♌18	0♌ 9	25♏22	21♓12	18♑50	6♈15	17♒18	17♒16	20♓53	4♈23	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	22n33	27s32	4s 3	24n 9	1n24	23n36	0n35	23n34	1n 0	21n52	0n24	17s19	2n 0	3s59	0s47	21s36	0n29	13s 9	17s 9	15s37	15s14	2s39	4n37	2n57
T 2	22 26	26 25	3 13	24 0	1 30	23 31	0 37	23 29	1 0	21 50	0 24	17 18	1 59	3 59	0 47	21 36	0 29	13 10	17 9	15 39	15 15	2 36	4 37	2 58
F 3	22 19	23 57	2 15	23 48	1 35	23 26	0 39	23 24	1 1	21 48	0 25	17 18	1 59	3 59	0 47	21 37	0 29	13 10	17 9	15 40	15 16	2 33	4 37	2 58
S 4	22 11	20 23	1 11	23 33	1 39	23 20	0 41	23 20	1 1	21 45	0 25	17 18	1 59	4 0	0 47	21 37	0 29	13 10	17 10	15 40	15 17	2 29	4 37	2 58
S 5	22 3	15 59	0 4	23 16	1 42	23 13	0 43	23 14	1 1	21 43	0 25	17 18	1 59	4 0	0 47	21 37	0 29	13 11	17 10	15 41	15 18	2 26	4 37	2 58
M 6	21 54	11 2	1n 1	22 57	1 45	23 6	0 45	23 9	1 2	21 41	0 25	17 18	1 58	4 0	0 47	21 37	0 29	13 11	17 10	15 40	15 19	2 23	4 37	2 58
T 7	21 45	5 45	2 4	22 36	1 47	22 58	0 47	23 4	1 2	21 39	0 25	17 18	1 58	4 1	0 47	21 38	0 29	13 11	17 11	15 40	15 20	2 19	4 37	2 58
W 8	21 36	0 17	3 1	22 12	1 48	22 49	0 49	22 58	1 2	21 36	0 25	17 17	1 58	4 1	0 47	21 38	0 29	13 12	17 11	15 40	15 21	2 16	4 37	2 58
T 9	21 26	5n10	3 50	21 46	1 48	22 39	0 51	22 53	1 2	21 34	0 25	17 17	1 58	4 1	0 47	21 38	0 29	13 12	17 12	15 39	15 22	2 13	4 37	2 58
F 10	21 16	10 29	4 29	21 19	1 48	22 29	0 53	22 47	1 3	21 32	0 25	17 17	1 58	4 2	0 47	21 38	0 29	13 13	17 12	15 39	15 23	2 10	4 37	2 58
S 11	21 5	15 29	4 58	20 50	1 47	22 18	0 55	22 41	1 3	21 29	0 25	17 17	1 57	4 2	0 47	21 39	0 29	13 13	17 12	15 39	15 24	2 6	4 37	2 58
S 12	20 55	19 57	5 13	20 20	1 46	22 7	0 57	22 34	1 3	21 27	0 25	17 17	1 57	4 3	0 47	21 39	0 29	13 14	17 13	15 39	15 25	2 3	4 37	2 58
M13	20 43	23 39	5 14	19 48	1 44	21 55	0 59	22 28	1 3	21 24	0 25	17 17	1 57	4 3	0 47	21 39	0 29	13 14	17 13	15 39	15 26	2 0	4 37	2 59
T 14	20 32	26 18	4 59	19 15	1 41	21 42	1 0	22 21	1 4	21 22	0 26	17 17	1 57	4 4	0 47	21 39	0 29	13 14	17 13	15 40	15 27	1 56	4 36	2 59
W15	20 20	27 33	4 28	18 41	1 38	21 29	1 2	22 15	1 4	21 19	0 26	17 17	1 56	4 4	0 47	21 39	0 29	13 15	17 14	15 41	15 28	1 53	4 36	2 59
T 16	20 8	27 10	3 40	18 6	1 34	21 14	1 3	22 8	1 4	21 17	0 26	17 17	1 56	4 5	0 47	21 40	0 29	13 15	17 14	15 41	15 29	1 50	4 36	2 59
F 17	19 55	25 1	2 38	17 29	1 30	21 0	1 5	22 1	1 4	21 15	0 26	17 17	1 56	4 5	0 47	21 40	0 29	13 16	17 14	15 42	15 30	1 46	4 36	2 59
S 18	19 42	21 13	1 25	16 53	1 26	20 45	1 6	21 54	1 4	21 12	0 26	17 18	1 56	4 6	0 47	21 40	0 29	13 16	17 15	15 42	15 31	1 43	4 35	2 59
S 19	19 29	16 1	0 4	16 15	1 21	20 29	1 8	21 46	1 5	21 9	0 26	17 18	1 55	4 6	0 47	21 40	0 29	13 17	17 15	15 43	15 31	1 40	4 35	2 59
M20	19 16	9 52	1s17	15 37	1 15	20 12	1 9	21 39	1 5	21 7	0 26	17 18	1 55	4 7	0 47	21 41	0 29	13 17	17 15	15 42	15 32	1 36	4 35	2 59
T 21	19 2	3 10	2 33	14 58	1 9	19 55	1 11	21 31	1 5	21 4	0 26	17 18	1 55	4 7	0 47	21 41	0 29	13 18	17 16	15 42	15 33	1 33	4 34	2 59
W22	18 48	3s38	3 38	14 19	1 3	19 38	1 12	21 23	1 5	21 2	0 26	17 18	1 55	4 8	0 47	21 41	0 29	13 18	17 16	15 42	15 34	1 30	4 34	2 59
T 23	18 33	10 8	4 29	13 39	0 57	19 19	1 13	21 15	1 6	20 59	0 26	17 18	1 54	4 8	0 47	21 41	0 29	13 19	17 16	15 42	15 35	1 27	4 34	2 59
F 24	18 18	16 0	5 2	13 0	0 50	19 1	1 14	21 7	1 6	20 57	0 26	17 19	1 54	4 9	0 47	21 42	0 29	13 19	17 17	15 42	15 36	1 23	4 33	2 59
S 25	18 3	20 54	5 16	12 20	0 43	18 41	1 16	20 59	1 6	20 54	0 27	17 19	1 54	4 10	0 47	21 42	0 29	13 20	17 17	15 42	15 37	1 20	4 33	3 0
S 26	17 48	24 36	5 13	11 39	0 36	18 22	1 17	20 50	1 6	20 51	0 27	17 19	1 54	4 10	0 47	21 42	0 29	13 20	17 17	15 42	15 38	1 17	4 32	3 0
M27	17 32	26 53	4 52	10 59	0 28	18 1	1 18	20 42	1 6	20 49	0 27	17 20	1 54	4 11	0 48	21 42	0 29	13 21	17 18	15 42	15 39	1 13	4 32	3 0
T 28	17 16	27 38	4 17	10 19	0 20	17 41	1 19	20 33	1 7	20 46	0 27	17 20	1 53	4 12	0 48	21 42	0 29	13 21	17 18	15 42	15 40	1 10	4 31	3 0
W29	17 0	26 53	3 30	9 38	0 12	17 19	1 19	20 24	1 7	20 43	0 27	17 20	1 53	4 12	0 48	21 43	0 29	13 22	17 18	15 42	15 41	1 7	4 31	3 0
T 30	16 44	24 46	2 33	8 58	0 4	16 57	1 20	20 15	1 7	20 41	0 27	17 21	1 53	4 13	0 48	21 43	0 29	13 22	17 18	15 42	15 42	1 3	4 30	3 0
F 31	16n27	21s29	1s30	8n18	0s 5	16n35	1n21	20n 6	1n 7	20n38	0n27	17s21	1n53	4s14	0s48	21s43	0n29	13s23	17s19	15s42	15s43	1s 0	4n30	3n 0

Julian Day Number = 2209943.5, Delta T = 09m26s
Ecliptic obliquity = 23°31'37, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°30'49, Lahiri = 14°37'50 Julian Calendar 1 July 1338 == Greg. Calendar 9 July 1338

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ASTRODIENST EPHEMERIS for the year 1338
geocentric

AUGUST 1338 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	21 8 38	15♌47'24	13♒ 5	10♍ 0	19♌51	5♌56	0♌22	25♏23	21°R10	18°R48	6°R14	17°D18	17♒12	21♓ 0	4°R21	S 1
S 2	21 12 35	16°45'07	25° 8	11°23	21° 5	6°35	0°35	25°24	21♓ 8	18♑47	6♈14	17♒18	17° 9	21° 7	4♈19	S 2
M 3	21 16 31	17°42'52	7♓ 3	12°44	22°19	7°13	0°48	25°25	21° 6	18°46	6°13	17°R18	17° 6	21°13	4°18	M 3
T 4	21 20 28	18°40'38	18°54	14° 3	23°34	7°51	1° 1	25°26	21° 4	18°44	6°12	17°18	17° 3	21°20	4°16	T 4
W 5	21 24 24	19°38'26	0♈43	15°20	24°48	8°29	1°14	25°27	21° 2	18°43	6°11	17°18	17° 0	21°27	4°14	W 5
T 6	21 28 21	20°36'16	12°33	16°36	26° 2	9° 8	1°27	25°28	21° 0	18°42	6°11	17°17	16°56	21°33	4°12	T 6
F 7	21 32 17	21°34'07	24°27	17°50	27°17	9°46	1°40	25°30	20°58	18°40	6°10	17°17	16°53	21°40	4°11	F 7
S 8	21 36 14	22°32'00	6♉31	19° 2	28°31	10°24	1°52	25°31	20°56	18°39	6° 9	17°16	16°50	21°47	4° 9	S 8
S 9	21 40 10	23°29'55	18°47	20°12	29°45	11° 2	2° 5	25°33	20°54	18°38	6° 8	17°D16	16°47	21°53	4° 7	S 9
M10	21 44 7	24°27'52	1♊20	21°20	1♍ 0	11°41	2°18	25°35	20°52	18°37	6° 7	17°16	16°44	22° 0	4° 5	M10
T 11	21 48 4	25°25'50	14°14	22°25	2°14	12°19	2°31	25°36	20°50	18°35	6° 7	17°17	16°41	22° 7	4° 3	T 11
W12	21 52 0	26°23'51	27°32	23°29	3°28	12°57	2°43	25°38	20°48	18°34	6° 6	17°17	16°37	22°13	4° 1	W12
T 13	21 55 57	27°21'54	11♋17	24°30	4°43	13°35	2°56	25°40	20°46	18°33	6° 5	17°18	16°34	22°20	3°59	T 13
F 14	21 59 53	28°19'58	25°27	25°28	5°57	14°13	3° 9	25°42	20°44	18°32	6° 4	17°19	16°31	22°27	3°57	F 14
S 15	22 3 50	29°18'04	10♌ 2	26°23	7°12	14°51	3°21	25°45	20°42	18°31	6° 3	17°R19	16°28	22°33	3°55	S 15
S 16	22 7 46	0♍16'12	24°56	27°16	8°26	15°30	3°34	25°47	20°39	18°30	6° 2	17°19	16°25	22°40	3°52	S 16
M17	22 11 43	1°14'22	10♍ 2	28° 6	9°40	16° 8	3°46	25°49	20°37	18°28	6° 1	17°19	16°21	22°47	3°50	M17
T 18	22 15 39	2°12'33	25°10	28°52	10°55	16°46	3°59	25°52	20°35	18°27	6° 0	17°17	16°18	22°53	3°48	T 18
W19	22 19 36	3°10'46	10♎11	29°35	12° 9	17°24	4°11	25°54	20°33	18°26	5°59	17°15	16°15	23° 0	3°46	W19
T 20	22 23 32	4° 9'01	24°57	0♎14	13°24	18° 2	4°23	25°57	20°30	18°25	5°59	17°13	16°12	23° 7	3°43	T 20
F 21	22 27 29	5° 7'17	9♏23	0°49	14°38	18°40	4°36	26° 0	20°28	18°24	5°58	17°12	16° 9	23°13	3°41	F 21
S 22	22 31 26	6° 5'35	23°24	1°20	15°53	19°18	4°48	26° 2	20°26	18°23	5°57	17°10	16° 6	23°20	3°39	S 22
S 23	22 35 22	7° 3'54	7♐ 0	1°46	17° 7	19°56	5° 0	26° 5	20°24	18°22	5°56	17°D10	16° 2	23°27	3°36	S 23
M24	22 39 19	8° 2'15	20°12	2° 7	18°22	20°34	5°12	26° 8	20°21	18°21	5°55	17°10	15°59	23°33	3°34	M24
T 25	22 43 15	9° 0'38	3♑ 4	2°23	19°36	21°12	5°24	26°11	20°19	18°21	5°54	17°11	15°56	23°40	3°31	T 25
W26	22 47 12	9°59'02	15°37	2°34	20°50	21°50	5°36	26°15	20°16	18°20	5°53	17°13	15°53	23°47	3°29	W26
T 27	22 51 8	10°57'28	27°55	2°R38	22° 5	22°28	5°48	26°18	20°14	18°19	5°52	17°15	15°50	23°53	3°26	T 27
F 28	22 55 5	11°55'55	10♒ 3	2°37	23°19	23° 6	6° 0	26°21	20°12	18°18	5°51	17°16	15°47	24° 0	3°24	F 28
S 29	22 59 2	12°54'24	22° 2	2°28	24°34	23°44	6°12	26°25	20° 9	18°17	5°49	17°R16	15°43	24° 7	3°21	S 29
S 30	23 2 58	13°52'55	3♓56	2°13	25°48	24°22	6°24	26°28	20° 7	18°17	5°48	17°15	15°40	24°13	3°19	S 30
M31	23 6 55	14♍51'28	15♓47	1♎52	27♍ 3	25♌ 0	6♌36	26♏32	20♓ 5	18♑16	5♈47	17♒12	15♒37	24♓20	3♈16	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	16n10	17s19	0s23	7n38	0s14	16n13	1n22	19n57	1n 7	20n35	0n27	17s22	1n52	4s15	0s48	21s43	0n29	13s23	17s19	15s42	15s44	0s57	4n29	3n 0
S 2	15 52	12 31	0n43	6 59	0 22	15 49	1 22	19 47	1 8	20 33	0 27	17 22	1 52	4 15	0 48	21 44	0 29	13 24	17 19	15 42	15 45	0 53	4 29	3 0
M 3	15 35	7 17	1 48	6 19	0 31	15 26	1 23	19 38	1 8	20 30	0 28	17 23	1 52	4 16	0 48	21 44	0 29	13 24	17 20	15 42	15 46	0 50	4 28	3 0
T 4	15 17	1 51	2 47	5 41	0 41	15 2	1 24	19 28	1 8	20 27	0 28	17 23	1 52	4 17	0 48	21 44	0 29	13 25	17 20	15 42	15 47	0 47	4 27	3 0
W 5	14 59	3n37	3 38	5 2	0 50	14 37	1 24	19 18	1 8	20 25	0 28	17 24	1 51	4 18	0 48	21 44	0 29	13 25	17 20	15 43	15 48	0 44	4 27	3 0
T 6	14 41	8 58	4 21	4 24	0 59	14 12	1 24	19 8	1 8	20 22	0 28	17 24	1 51	4 18	0 48	21 44	0 29	13 26	17 20	15 43	15 49	0 40	4 26	3 0
F 7	14 22	14 2	4 53	3 46	1 9	13 47	1 25	18 58	1 8	20 19	0 28	17 25	1 51	4 19	0 48	21 45	0 29	13 26	17 21	15 43	15 50	0 37	4 25	3 0
S 8	14 3	18 38	5 12	3 10	1 18	13 22	1 25	18 48	1 9	20 16	0 28	17 25	1 51	4 20	0 48	21 45	0 29	13 27	17 21	15 43	15 51	0 34	4 25	3 0
S 9	13 44	22 33	5 17	2 33	1 28	12 56	1 25	18 38	1 9	20 14	0 28	17 26	1 50	4 21	0 48	21 45	0 29	13 27	17 21	15 43	15 52	0 30	4 24	3 0
M10	13 25	25 31	5 8	1 58	1 37	12 29	1 25	18 27	1 9	20 11	0 28	17 27	1 50	4 22	0 48	21 45	0 29	13 28	17 21	15 43	15 53	0 27	4 23	3 1
T 11	13 5	27 16	4 43	1 23	1 47	12 3	1 25	18 16	1 9	20 8	0 28	17 27	1 50	4 23	0 48	21 45	0 29	13 29	17 22	15 43	15 54	0 24	4 22	3 1
W12	12 46	27 33	4 2	0 49	1 56	11 36	1 25	18 6	1 9	20 5	0 29	17 28	1 50	4 23	0 48	21 46	0 29	13 29	17 22	15 43	15 55	0 20	4 22	3 1
T 13	12 26	26 9	3 7	0 16	2 6	11 8	1 25	17 55	1 9	20 2	0 29	17 29	1 49	4 24	0 48	21 46	0 29	13 30	17 22	15 42	15 56	0 17	4 21	3 1
F 14	12 6	23 4	1 58	0s16	2 15	10 41	1 25	17 44	1 10	20 0	0 29	17 29	1 49	4 25	0 48	21 46	0 29	13 30	17 22	15 42	15 57	0 14	4 20	3 1
S 15	11 46	18 27	0 40	0 46	2 25	10 13	1 25	17 33	1 10	19 57	0 29	17 30	1 49	4 26	0 48	21 46	0 29	13 31	17 23	15 42	15 58	0 11	4 19	3 1
S 16	11 25	12 36	0s42	1 16	2 34	9 45	1 25	17 22	1 10	19 54	0 29	17 31	1 49	4 27	0 48	21 46	0 29	13 31	17 23	15 42	15 59	0 7	4 18	3 1
M17	11 4	5 57	2 2	1 44	2 43	9 16	1 24	17 10	1 10	19 51	0 29	17 32	1 49	4 28	0 48	21 46	0 29	13 32	17 23	15 42	15 59	0 4	4 18	3 1
T 18	10 44	1s 3	3 14	2 11	2 52	8 48	1 24	16 59	1 10	19 48	0 29	17 32	1 48	4 29	0 48	21 47	0 29	13 32	17 23	15 43	16 0	0 1	4 17	3 1
W19	10 23	7 55	4 12	2 36	3 1	8 19	1 24	16 48	1 10	19 45	0 29	17 33	1 48	4 30	0 48	21 47	0 29	13 33	17 24	15 43	16 1	0n 3	4 16	3 1
T 20	10 1	14 13	4 52	2 59	3 9	7 50	1 23	16 36	1 10	19 43	0 29	17 34	1 48	4 31	0 48	21 47	0 29	13 34	17 24	15 44	16 2	0 6	4 15	3 1
F 21	9 40	19 36	5 13	3 20	3 17	7 20	1 23	16 24	1 11	19 40	0 30	17 35	1 48	4 31	0 48	21 47	0 29	13 34	17 24	15 44	16 3	0 9	4 14	3 1
S 22	9 19	23 45	5 14	3 40	3 25	6 51	1 22	16 12	1 11	19 37	0 30	17 36	1 47	4 32	0 48	21 47	0 29	13 35	17 24	15 45	16 4	0 12	4 13	3 1
S 23	8 57	26 26	4 57	3 57	3 32	6 21	1 21	16 0	1 11	19 34	0 30	17 37	1 47	4 33	0 48	21 47	0 29	13 35	17 24	15 45	16 5	0 16	4 12	3 1
M24	8 35	27 34	4 25	4 12	3 39	5 51	1 20	15 48	1 11	19 31	0 30	17 38	1 47	4 34	0 48	21 48	0 29	13 36	17 24	15 45	16 6	0 19	4 11	3 1
T 25	8 13	27 10	3 40	4 24	3 45	5 21	1 20	15 36	1 11	19 28	0 30	17 39	1 47	4 35	0 48	21 48	0 28	13 36	17 25	15 44	16 7	0 22	4 10	3 1
W26	7 51	25 21	2 46	4 33	3 51	4 51	1 19	15 24	1 11	19 26	0 30	17 39	1 46	4 36	0 48	21 48	0 28	13 37	17 25	15 44	16 8	0 26	4 9	3 1
T 27	7 29	22 22	1 45	4 39	3 55	4 20	1 18	15 12	1 11	19 23	0 30	17 40	1 46	4 37	0 48	21 48	0 28	13 37	17 25	15 43	16 9	0 29	4 8	3 1
F 28	7 7	18 26	0 40	4 42	3 59	3 50	1 17	14 59	1 12	19 20	0 31	17 41	1 46	4 38	0 48	21 48	0 28	13 38	17 25	15 43	16 10	0 32	4 7	3 1
S 29	6 44	13 48	0n26	4 41	4 2	3 19	1 16	14 47	1 12	19 17	0 31	17 42	1 46	4 39	0 48	21 48	0 28	13 39	17 25	15 43	16 11	0 35	4 6	3 1
S 30	6 22	8 42	1 30	4 36	4 3	2 49	1 14	14 34	1 12	19 14	0 31	17 43	1 46	4 40	0 48	21 48	0 28	13 39	17 25	15 43	16 12	0 39	4 5	3 1
M31	5n59	3s19	2n30	4s28	4s 3	2n18	1n13	14n22	1n12	19n12	0n31	17s44	1n45	4s41	0s48	21s48	0n28	13s40	17s26	15s44	16s13	0n42	4n 4	3n 1

Julian Day Number = 2209974.5, Delta T = 09m26s
Ecliptic obliquity = 23°31'37, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°30'54, Lahiri = 14°37'54 Julian Calendar 1 Aug. 1338 == Greg. Calendar 9 Aug. 1338

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ASTRODIENST EPHEMERIS for the year 1338
geocentric

SEPTEMBER 1338 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	23 10 51	15♍50'03	27♓36	1°R23	28♍17	25♌38	6♌47	26♏35	20°R 2	18°R15	5°R46	17°R 8	15♒34	24♓27	3°R13	T 1
W 2	23 14 48	16°48'40	9♈27	0♎47	29°32	26°16	6°59	26°39	20♓ 0	18♉14	5♈45	17♒ 3	15°31	24°33	3♈11	W 2
T 3	23 18 44	17°47'19	21°20	0° 5	0♎46	26°54	7°10	26°43	19°57	18°14	5°44	16°58	15°27	24°40	3° 8	T 3
F 4	23 22 41	18°46'00	3♉18	29♍16	2° 1	27°32	7°22	26°47	19°55	18°13	5°43	16°52	15°24	24°47	3° 6	F 4
S 5	23 26 37	19°44'43	15°24	28°21	3°15	28°10	7°33	26°51	19°53	18°13	5°42	16°48	15°21	24°53	3° 3	S 5
S 6	23 30 34	20°43'29	27°41	27°22	4°30	28°48	7°44	26°55	19°50	18°12	5°41	16°44	15°18	25° 0	3° 0	S 6
M 7	23 34 30	21°42'16	10♊12	26°18	5°44	29°26	7°56	26°59	19°48	18°12	5°40	16°42	15°15	25° 7	2°57	M 7
T 8	23 38 27	22°41'07	23° 1	25°13	6°59	0♍ 4	8° 7	27° 3	19°45	18°11	5°38	16°D41	15°12	25°14	2°55	T 8
W 9	23 42 24	23°39'59	6♋12	24° 6	8°13	0°42	8°18	27° 7	19°43	18°11	5°37	16°42	15° 8	25°20	2°52	W 9
T 10	23 46 20	24°38'54	19°47	23° 0	9°28	1°20	8°29	27°12	19°40	18°10	5°36	16°43	15° 5	25°27	2°49	T 10
F 11	23 50 17	25°37'51	3♌48	21°56	10°42	1°58	8°40	27°16	19°38	18°10	5°35	16°44	15° 2	25°34	2°47	F 11
S 12	23 54 13	26°36'51	18°16	20°57	11°57	2°36	8°51	27°21	19°36	18° 9	5°34	16°R45	14°59	25°40	2°44	S 12
S 13	23 58 10	27°35'52	3♍ 6	20° 3	13°11	3°14	9° 1	27°25	19°33	18° 9	5°33	16°44	14°56	25°47	2°41	S 13
M14	0 2 6	28°34'56	18°14	19°17	14°26	3°51	9°12	27°30	19°31	18° 9	5°32	16°41	14°53	25°54	2°38	M14
T 15	0 6 3	29°34'02	3♎30	18°39	15°40	4°29	9°23	27°35	19°29	18° 9	5°30	16°36	14°49	26° 0	2°35	T 15
W16	0 9 59	0♎33'10	18°44	18°10	16°55	5° 7	9°33	27°39	19°26	18° 8	5°29	16°30	14°46	26° 7	2°33	W16
T 17	0 13 56	1°32'20	3♏45	17°52	18° 9	5°45	9°44	27°44	19°24	18° 8	5°28	16°23	14°43	26°14	2°30	T 17
F 18	0 17 53	2°31'32	18°24	17°D43	19°24	6°23	9°54	27°49	19°21	18° 8	5°27	16°16	14°40	26°20	2°27	F 18
S 19	0 21 49	3°30'45	2♐37	17°46	20°39	7° 1	10° 4	27°54	19°19	18° 8	5°26	16°11	14°37	26°27	2°24	S 19
S 20	0 25 46	4°30'01	16°20	17°59	21°53	7°39	10°14	27°59	19°17	18° 8	5°25	16° 7	14°33	26°34	2°21	S 20
M21	0 29 42	5°29'19	29°35	18°23	23° 8	8°17	10°24	28° 4	19°15	18° 8	5°23	16° 5	14°30	26°40	2°19	M21
T 22	0 33 39	6°28'38	12♑25	18°56	24°22	8°54	10°34	28°10	19°12	18°D 8	5°22	16°D 5	14°27	26°47	2°16	T 22
W23	0 37 35	7°27'59	24°53	19°38	25°37	9°32	10°44	28°15	19°10	18° 8	5°21	16° 6	14°24	26°54	2°13	W23
T 24	0 41 32	8°27'22	7♒ 5	20°29	26°51	10°10	10°54	28°20	19° 8	18° 8	5°20	16° 8	14°21	27° 0	2°10	T 24
F 25	0 45 28	9°26'46	19° 5	21°27	28° 6	10°48	11° 3	28°25	19° 6	18° 8	5°19	16°R 8	14°18	27° 7	2° 8	F 25
S 26	0 49 25	10°26'13	0♓58	22°32	29°20	11°26	11°13	28°31	19° 3	18° 8	5°18	16° 6	14°14	27°14	2° 5	S 26
S 27	0 53 22	11°25'41	12°47	23°43	0♏35	12° 3	11°22	28°36	19° 1	18° 8	5°16	16° 3	14°11	27°20	2° 2	S 27
M28	0 57 18	12°25'11	24°36	24°59	1°49	12°41	11°31	28°42	18°59	18° 8	5°15	15°57	14° 8	27°27	1°59	M28
T 29	1 1 15	13°24'43	6♈27	26°21	3° 3	13°19	11°41	28°47	18°57	18° 8	5°14	15°48	14° 5	27°34	1°57	T 29
W30	1 5 11	14♎24'17	18♈22	27♍46	4♏18	13♍57	11♌50	28♏53	18♓55	18♉ 9	5♈13	15♒38	14♒ 2	27♓40	1♈54	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	5n36	2n 9	3n23	4s15	4s 2	1n47	1n12	14n 9	1n12	19n 9	0n31	17s46	1n45	4s42	0s48	21s49	0n28	13s40	17s26	15s45	16s14	0n45	4n 3	3n 1
W 2	5 14	7 33	4 8	3 58	3 59	1 16	1 11	13 56	1 12	19 6	0 31	17 47	1 45	4 43	0 48	21 49	0 28	13 41	17 26	15 47	16 15	0 49	4 2	3 1
T 3	4 51	12 41	4 41	3 37	3 54	0 45	1 9	13 43	1 12	19 3	0 31	17 48	1 45	4 44	0 48	21 49	0 28	13 41	17 26	15 49	16 16	0 52	4 1	3 1
F 4	4 28	17 24	5 3	3 11	3 48	0 14	1 8	13 30	1 12	19 0	0 32	17 49	1 45	4 45	0 48	21 49	0 28	13 42	17 26	15 50	16 17	0 55	4 0	3 1
S 5	4 5	21 28	5 12	2 42	3 40	0s17	1 6	13 17	1 12	18 58	0 32	17 50	1 44	4 46	0 48	21 49	0 28	13 42	17 26	15 52	16 17	0 58	3 59	3 1
S 6	3 41	24 41	5 6	2 9	3 29	0 48	1 5	13 4	1 13	18 55	0 32	17 51	1 44	4 47	0 48	21 49	0 28	13 43	17 26	15 53	16 18	1 2	3 58	3 1
M 7	3 18	26 47	4 46	1 32	3 17	1 19	1 3	12 51	1 13	18 52	0 32	17 52	1 44	4 47	0 48	21 49	0 28	13 43	17 26	15 53	16 19	1 5	3 56	3 1
T 8	2 55	27 32	4 11	0 53	3 3	1 50	1 2	12 37	1 13	18 49	0 32	17 53	1 44	4 48	0 48	21 49	0 28	13 44	17 26	15 54	16 20	1 8	3 55	3 1
W 9	2 31	26 45	3 23	0 12	2 47	2 21	1 0	12 24	1 13	18 47	0 32	17 54	1 44	4 49	0 48	21 49	0 28	13 44	17 27	15 53	16 21	1 11	3 54	3 1
T 10	2 8	24 24	2 21	0n30	2 30	2 52	0 58	12 11	1 13	18 44	0 32	17 56	1 43	4 50	0 48	21 49	0 28	13 45	17 27	15 53	16 22	1 15	3 53	3 1
F 11	1 45	20 30	1 10	1 12	2 11	3 23	0 56	11 57	1 13	18 41	0 33	17 57	1 43	4 51	0 48	21 50	0 28	13 45	17 27	15 53	16 23	1 18	3 52	3 1
S 12	1 21	15 17	0s 8	1 53	1 52	3 54	0 54	11 43	1 13	18 38	0 33	17 58	1 43	4 52	0 48	21 50	0 28	13 46	17 27	15 52	16 24	1 21	3 51	3 0
S 13	0 58	9 2	1 28	2 33	1 32	4 25	0 53	11 30	1 13	18 36	0 33	17 59	1 43	4 53	0 48	21 50	0 28	13 46	17 27	15 53	16 25	1 25	3 50	3 0
M14	0 34	2 11	2 42	3 10	1 11	4 56	0 51	11 16	1 13	18 33	0 33	18 1	1 43	4 54	0 48	21 50	0 28	13 47	17 27	15 54	16 26	1 28	3 49	3 0
T 15	0 10	4s51	3 46	3 44	0 51	5 27	0 49	11 2	1 13	18 30	0 33	18 2	1 42	4 55	0 48	21 50	0 28	13 47	17 27	15 55	16 27	1 31	3 47	3 0
W16	0s13	11 34	4 33	4 13	0 31	5 57	0 47	10 48	1 13	18 28	0 33	18 3	1 42	4 56	0 48	21 50	0 28	13 48	17 27	15 57	16 28	1 34	3 46	3 0
T 17	0 37	17 31	5 1	4 38	0 12	6 28	0 44	10 34	1 13	18 25	0 34	18 4	1 42	4 57	0 48	21 50	0 28	13 48	17 27	15 59	16 29	1 38	3 45	3 0
F 18	1 0	22 18	5 8	4 58	0n 6	6 58	0 42	10 20	1 14	18 22	0 34	18 6	1 42	4 58	0 48	21 50	0 28	13 49	17 27	16 1	16 30	1 41	3 44	3 0
S 19	1 24	25 36	4 56	5 12	0 23	7 28	0 40	10 6	1 14	18 20	0 34	18 7	1 42	4 59	0 48	21 50	0 28	13 49	17 27	16 3	16 31	1 44	3 43	3 0
S 20	1 48	27 15	4 27	5 22	0 39	7 58	0 38	9 52	1 14	18 17	0 34	18 8	1 41	5 0	0 48	21 50	0 28	13 50	17 27	16 4	16 32	1 47	3 41	3 0
M21	2 11	27 16	3 44	5 26	0 53	8 28	0 36	9 38	1 14	18 15	0 34	18 9	1 41	5 0	0 48	21 50	0 28	13 50	17 27	16 4	16 32	1 51	3 40	3 0
T 22	2 35	25 47	2 52	5 24	1 6	8 58	0 33	9 24	1 14	18 12	0 34	18 11	1 41	5 1	0 48	21 50	0 28	13 51	17 27	16 4	16 33	1 54	3 39	3 0
W23	2 58	23 4	1 52	5 18	1 17	9 27	0 31	9 10	1 14	18 10	0 35	18 12	1 41	5 2	0 48	21 50	0 28	13 51	17 27	16 4	16 34	1 57	3 38	3 0
T 24	3 22	19 21	0 49	5 8	1 27	9 56	0 29	8 55	1 14	18 7	0 35	18 13	1 41	5 3	0 48	21 50	0 28	13 52	17 27	16 4	16 35	2 0	3 37	3 0
F 25	3 45	14 54	0n16	4 52	1 36	10 25	0 26	8 41	1 14	18 5	0 35	18 15	1 41	5 4	0 48	21 50	0 28	13 52	17 27	16 4	16 36	2 4	3 36	3 0
S 26	4 9	9 57	1 19	4 33	1 43	10 54	0 24	8 27	1 14	18 2	0 35	18 16	1 40	5 5	0 48	21 50	0 28	13 52	17 27	16 4	16 37	2 7	3 34	2 59
S 27	4 32	4 40	2 18	4 10	1 49	11 23	0 21	8 12	1 14	18 0	0 35	18 18	1 40	5 6	0 48	21 50	0 28	13 53	17 27	16 5	16 38	2 10	3 33	2 59
M28	4 55	0n46	3 11	3 44	1 54	11 51	0 19	7 58	1 14	17 57	0 35	18 19	1 40	5 6	0 48	21 50	0 28	13 53	17 27	16 7	16 39	2 13	3 32	2 59
T 29	5 19	6 10	3 56	3 15	1 57	12 19	0 17	7 43	1 14	17 55	0 36	18 20	1 40	5 7	0 48	21 50	0 28	13 54	17 27	16 9	16 40	2 17	3 31	2 59
W30	5s42	11n23	4n30	2n43	2n 0	12s47	0n14	7n29	1n14	17n53	0n36	18s22	1n40	5s 8	0s48	21s50	0n28	13s54	17s27	16s13	16s41	2n20	3n30	2n59

Julian Day Number = 2210005.5, Delta T = 09m26s
Ecliptic obliquity = 23°31'38, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°30'58, Lahiri = 14°37'58 Julian Calendar 1 Sept. 1338 == Greg. Calendar 9 Sept. 1338

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ASTRODIENST EPHEMERIS for the year 1338
geocentric

OCTOBER 1338 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	1 9 8	15♎23'53	0♉22	29♍14	5♏32	14♍34	11♌59	28♏59	18°R53	18♑ 9	5°R12	15°R26	13♒58	27♓47	1°R51	T 1
F 2	1 13 4	16°23'32	12°29	0♎45	6°47	15°12	12° 7	29° 5	18♓51	18° 9	5♈11	15♒15	13°55	27°54	1♈49	F 2
S 3	1 17 1	17°23'12	24°43	2°18	8° 1	15°50	12°16	29°10	18°49	18°10	5°10	15° 4	13°52	28° 0	1°46	S 3
S 4	1 20 57	18°22'55	7♊ 8	3°54	9°16	16°28	12°25	29°16	18°47	18°10	5° 8	14°55	13°49	28° 7	1°43	S 4
M 5	1 24 54	19°22'40	19°43	5°30	10°30	17° 5	12°33	29°22	18°45	18°10	5° 7	14°48	13°46	28°14	1°41	M 5
T 6	1 28 51	20°22'28	2♋33	7° 8	11°45	17°43	12°42	29°28	18°43	18°11	5° 6	14°45	13°43	28°21	1°38	T 6
W 7	1 32 47	21°22'17	15°40	8°47	12°59	18°21	12°50	29°34	18°41	18°11	5° 5	14°43	13°39	28°27	1°35	W 7
T 8	1 36 44	22°22'09	29° 6	10°27	14°13	18°59	12°58	29°40	18°39	18°12	5° 4	14°D43	13°36	28°34	1°33	T 8
F 9	1 40 40	23°22'03	12♌55	12° 6	15°28	19°36	13° 6	29°46	18°37	18°12	5° 3	14°R43	13°33	28°41	1°30	F 9
S 10	1 44 37	24°22'00	27° 7	13°47	16°42	20°14	13°14	29°52	18°35	18°13	5° 2	14°43	13°30	28°47	1°28	S 10
S 11	1 48 33	25°21'58	11♍42	15°27	17°57	20°52	13°22	29°59	18°33	18°14	5° 1	14°40	13°27	28°54	1°25	S 11
M12	1 52 30	26°21'59	26°36	17° 7	19°11	21°30	13°29	0♐ 5	18°32	18°14	5° 0	14°35	13°24	29° 1	1°23	M12
T 13	1 56 26	27°22'02	11♎43	18°47	20°26	22° 7	13°37	0°11	18°30	18°15	4°59	14°27	13°20	29° 7	1°20	T 13
W14	2 0 23	28°22'06	26°52	20°28	21°40	22°45	13°44	0°17	18°28	18°16	4°57	14°17	13°17	29°14	1°18	W14
T 15	2 4 19	29°22'13	11♏53	22° 7	22°54	23°23	13°51	0°24	18°26	18°16	4°56	14° 6	13°14	29°21	1°16	T 15
F 16	2 8 16	0♏22'22	26°38	23°47	24° 9	24° 0	13°58	0°30	18°25	18°17	4°55	13°55	13°11	29°27	1°13	F 16
S 17	2 12 13	1°22'32	10♐57	25°26	25°23	24°38	14° 5	0°37	18°23	18°18	4°54	13°45	13° 8	29°34	1°11	S 17
S 18	2 16 9	2°22'44	24°48	27° 5	26°38	25°16	14°12	0°43	18°22	18°19	4°53	13°38	13° 4	29°41	1° 9	S 18
M19	2 20 6	3°22'58	8♑ 9	28°44	27°52	25°53	14°18	0°50	18°20	18°20	4°52	13°33	13° 1	29°47	1° 6	M19
T 20	2 24 2	4°23'13	21° 3	0♏22	29° 6	26°31	14°25	0°56	18°19	18°21	4°51	13°31	12°58	29°54	1° 4	T 20
W21	2 27 59	5°23'30	3♒33	2° 0	0♐21	27° 9	14°31	1° 3	18°17	18°21	4°50	13°D31	12°55	0♈ 1	1° 2	W21
T 22	2 31 55	6°23'48	15°44	3°38	1°35	27°46	14°37	1° 9	18°16	18°22	4°49	13°R31	12°52	0° 8	1° 0	T 22
F 23	2 35 52	7°24'07	27°43	5°15	2°49	28°24	14°43	1°16	18°15	18°23	4°48	13°30	12°49	0°14	0°58	F 23
S 24	2 39 49	8°24'28	9♓34	6°52	4° 4	29° 1	14°49	1°23	18°13	18°24	4°47	13°28	12°45	0°21	0°56	S 24
S 25	2 43 45	9°24'51	21°22	8°28	5°18	29°39	14°54	1°29	18°12	18°26	4°47	13°23	12°42	0°28	0°54	S 25
M26	2 47 42	10°25'15	3♈12	10° 5	6°32	0♎17	15° 0	1°36	18°11	18°27	4°46	13°15	12°39	0°34	0°52	M26
T 27	2 51 38	11°25'40	15° 6	11°41	7°47	0°54	15° 5	1°43	18°10	18°28	4°45	13° 4	12°36	0°41	0°50	T 27
W28	2 55 35	12°26'07	27° 8	13°16	9° 1	1°32	15°10	1°50	18° 9	18°29	4°44	12°52	12°33	0°48	0°48	W28
T 29	2 59 31	13°26'36	9♉18	14°51	10°15	2° 9	15°15	1°56	18° 7	18°30	4°43	12°37	12°30	0°54	0°46	T 29
F 30	3 3 28	14°27'06	21°38	16°26	11°29	2°47	15°20	2° 3	18° 6	18°31	4°42	12°23	12°26	1° 1	0°44	F 30
S 31	3 7 24	15♏27'38	4♊ 7	18♏ 1	12♐44	3♎24	15♌25	2♐10	18♓ 5	18♑33	4♈41	12♒ 9	12♒23	1♈ 8	0♈42	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	6s 5	16n12	4n53	2n 9	2n 1	13s14	0n11	7n14	1n14	17n50	0n36	18s23	1n40	5s 9	0s48	21s50	0n28	13s54	17s27	16s16	16s42	2n23	3n28	2n59
F 2	6 28	20 26	5 3	1 33	2 1	13 41	0 9	6 59	1 14	17 48	0 36	18 24	1 39	5 10	0 48	21 50	0 28	13 55	17 27	16 19	16 43	2 26	3 27	2 59
S 3	6 51	23 51	4 59	0 56	2 1	14 8	0 6	6 45	1 14	17 46	0 36	18 26	1 39	5 10	0 48	21 50	0 27	13 55	17 27	16 23	16 44	2 30	3 26	2 59
S 4	7 14	26 12	4 41	0 17	2 0	14 34	0 4	6 30	1 14	17 43	0 36	18 27	1 39	5 11	0 48	21 50	0 27	13 56	17 26	16 25	16 44	2 33	3 25	2 59
M 5	7 37	27 16	4 9	0s23	1 58	15 1	0 1	6 15	1 14	17 41	0 37	18 29	1 39	5 12	0 48	21 50	0 27	13 56	17 26	16 27	16 45	2 36	3 24	2 58
T 6	7 59	26 55	3 25	1 5	1 56	15 26	0s 2	6 1	1 14	17 39	0 37	18 30	1 39	5 13	0 48	21 50	0 27	13 56	17 26	16 28	16 46	2 39	3 23	2 58
W 7	8 22	25 3	2 28	1 46	1 53	15 52	0 4	5 46	1 14	17 37	0 37	18 32	1 39	5 13	0 48	21 50	0 27	13 57	17 26	16 29	16 47	2 43	3 22	2 58
T 8	8 44	21 45	1 22	2 29	1 49	16 16	0 7	5 31	1 14	17 35	0 37	18 33	1 39	5 14	0 48	21 50	0 27	13 57	17 26	16 29	16 48	2 46	3 20	2 58
F 9	9 7	17 9	0 10	3 12	1 45	16 41	0 9	5 16	1 14	17 33	0 37	18 34	1 38	5 15	0 48	21 50	0 27	13 57	17 26	16 29	16 49	2 49	3 19	2 58
S 10	9 29	11 29	1s 5	3 55	1 41	17 5	0 12	5 1	1 14	17 31	0 38	18 36	1 38	5 16	0 47	21 50	0 27	13 58	17 26	16 29	16 50	2 52	3 18	2 58
S 11	9 51	5 4	2 18	4 38	1 36	17 29	0 15	4 46	1 14	17 29	0 38	18 37	1 38	5 16	0 47	21 50	0 27	13 58	17 26	16 29	16 51	2 56	3 17	2 58
M12	10 13	1s45	3 23	5 21	1 31	17 52	0 17	4 31	1 14	17 27	0 38	18 39	1 38	5 17	0 47	21 50	0 27	13 58	17 26	16 31	16 52	2 59	3 16	2 58
T 13	10 34	8 32	4 14	6 4	1 25	18 15	0 20	4 17	1 14	17 25	0 38	18 40	1 38	5 18	0 47	21 50	0 27	13 59	17 25	16 33	16 53	3 2	3 15	2 57
W14	10 56	14 51	4 48	6 47	1 20	18 37	0 23	4 2	1 14	17 23	0 38	18 42	1 38	5 18	0 47	21 50	0 27	13 59	17 25	16 36	16 54	3 5	3 14	2 57
T 15	11 17	20 13	5 1	7 30	1 14	18 59	0 25	3 47	1 14	17 21	0 39	18 43	1 38	5 19	0 47	21 50	0 27	13 59	17 25	16 40	16 54	3 9	3 13	2 57
F 16	11 39	24 14	4 54	8 13	1 8	19 20	0 28	3 32	1 14	17 19	0 39	18 44	1 38	5 19	0 47	21 50	0 27	13 59	17 25	16 43	16 55	3 12	3 12	2 57
S 17	12 0	26 36	4 28	8 55	1 2	19 41	0 31	3 17	1 14	17 17	0 39	18 46	1 37	5 20	0 47	21 49	0 27	14 0	17 25	16 45	16 56	3 15	3 10	2 57
S 18	12 21	27 13	3 48	9 37	0 56	20 1	0 33	3 2	1 14	17 15	0 39	18 47	1 37	5 21	0 47	21 49	0 27	14 0	17 25	16 48	16 57	3 18	3 9	2 57
M19	12 41	26 12	2 56	10 18	0 49	20 21	0 36	2 47	1 14	17 14	0 39	18 49	1 37	5 21	0 47	21 49	0 27	14 0	17 24	16 49	16 58	3 21	3 8	2 56
T 20	13 2	23 47	1 56	10 59	0 43	20 40	0 39	2 32	1 14	17 12	0 40	18 50	1 37	5 22	0 47	21 49	0 27	14 0	17 24	16 50	16 59	3 25	3 7	2 56
W21	13 22	20 17	0 53	11 39	0 36	20 58	0 41	2 17	1 14	17 10	0 40	18 52	1 37	5 22	0 47	21 49	0 27	14 1	17 24	16 50	17 0	3 28	3 6	2 56
T 22	13 42	15 59	0n12	12 19	0 29	21 16	0 44	2 2	1 14	17 9	0 40	18 53	1 37	5 23	0 47	21 49	0 27	14 1	17 24	16 50	17 1	3 31	3 5	2 56
F 23	14 2	11 9	1 14	12 58	0 23	21 34	0 47	1 46	1 14	17 7	0 40	18 55	1 37	5 23	0 47	21 49	0 27	14 1	17 24	16 50	17 2	3 34	3 4	2 56
S 24	14 22	5 57	2 13	13 36	0 16	21 50	0 49	1 31	1 14	17 6	0 41	18 56	1 37	5 24	0 47	21 49	0 27	14 1	17 23	16 51	17 3	3 38	3 3	2 56
S 25	14 41	0 35	3 6	14 14	0 9	22 7	0 52	1 16	1 14	17 4	0 41	18 58	1 36	5 24	0 47	21 49	0 27	14 1	17 23	16 52	17 3	3 41	3 2	2 55
M26	15 0	4n48	3 50	14 51	0 3	22 22	0 54	1 1	1 14	17 3	0 41	18 59	1 36	5 25	0 47	21 48	0 27	14 1	17 23	16 54	17 4	3 44	3 1	2 55
T 27	15 19	10 2	4 25	15 27	0s 4	22 37	0 57	0 46	1 14	17 2	0 41	19 0	1 36	5 25	0 47	21 48	0 27	14 2	17 23	16 57	17 5	3 47	3 0	2 55
W28	15 38	14 58	4 48	16 3	0 11	22 51	0 59	0 31	1 14	17 0	0 41	19 2	1 36	5 25	0 47	21 48	0 27	14 2	17 23	17 1	17 6	3 50	2 59	2 55
T 29	15 56	19 22	4 59	16 38	0 17	23 5	1 2	0 16	1 14	16 59	0 42	19 3	1 36	5 26	0 47	21 48	0 27	14 2	17 22	17 5	17 7	3 54	2 59	2 55
F 30	16 14	22 59	4 56	17 12	0 24	23 18	1 4	0 1	1 14	16 58	0 42	19 5	1 36	5 26	0 47	21 48	0 27	14 2	17 22	17 9	17 8	3 57	2 58	2 55
S 31	16s32	25n36	4n38	17s45	0s30	23s30	1s 6	0s14	1n14	16n57	0n42	19s 6	1n36	5s27	0s47	21s48	0n27	14s 2	17s22	17s13	17s 9	4n 0	2n57	2n54

Julian Day Number = 2210035.5, Delta T = 09m25s
Ecliptic obliquity = 23°31'37, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°31'02, Lahiri = 14°38'03 Julian Calendar 1 Oct. 1338 == Greg. Calendar 9 Oct. 1338

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ASTRODIENST EPHEMERIS for the year 1338
geocentric

NOVEMBER 1338 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	3 11 21	16♏28'11	16♊47	19♏36	13♐58	4♎ 2	15♌29	2♐17	18°R 4	18♑34	4°R40	11°R58	12♒20	1♈14	0°R41	S 1
M 2	3 15 17	17°28'47	29°37	21°10	15°12	4°39	15°34	2°24	18♓ 4	18°35	4♈40	11♒49	12°17	1°21	0♈39	M 2
T 3	3 19 14	18°29'24	12♋38	22°44	16°26	5°17	15°38	2°31	18° 3	18°36	4°39	11°44	12°14	1°28	0°37	T 3
W 4	3 23 11	19°30'02	25°51	24°18	17°41	5°54	15°42	2°38	18° 2	18°38	4°38	11°41	12°10	1°34	0°36	W 4
T 5	3 27 7	20°30'43	9♌19	25°52	18°55	6°32	15°46	2°45	18° 1	18°39	4°37	11°D41	12° 7	1°41	0°34	T 5
F 6	3 31 4	21°31'24	23° 2	27°25	20° 9	7° 9	15°49	2°52	18° 0	18°41	4°36	11°R41	12° 4	1°48	0°32	F 6
S 7	3 35 0	22°32'08	7♍ 2	28°59	21°23	7°47	15°53	2°58	18° 0	18°42	4°36	11°40	12° 1	1°55	0°31	S 7
S 8	3 38 57	23°32'53	21°18	0♐32	22°37	8°24	15°56	3° 5	17°59	18°43	4°35	11°38	11°58	2° 1	0°30	S 8
M 9	3 42 53	24°33'40	5♎50	2° 5	23°51	9° 2	15°59	3°12	17°59	18°45	4°34	11°33	11°55	2° 8	0°28	M 9
T 10	3 46 50	25°34'29	20°34	3°38	25° 6	9°39	16° 2	3°19	17°58	18°46	4°34	11°25	11°51	2°15	0°27	T 10
W11	3 50 46	26°35'19	5♏21	5°11	26°20	10°17	16° 5	3°26	17°58	18°48	4°33	11°14	11°48	2°21	0°26	W11
T 12	3 54 43	27°36'10	20° 6	6°44	27°34	10°54	16° 7	3°34	17°57	18°50	4°32	11° 3	11°45	2°28	0°24	T 12
F 13	3 58 40	28°37'03	4♐38	8°17	28°48	11°32	16°10	3°41	17°57	18°51	4°32	10°51	11°42	2°35	0°23	F 13
S 14	4 2 36	29°37'57	18°51	9°49	0♑ 2	12° 9	16°12	3°48	17°57	18°53	4°31	10°41	11°39	2°41	0°22	S 14
S 15	4 6 33	0♐38'52	2♑41	11°22	1°16	12°46	16°14	3°55	17°56	18°54	4°31	10°33	11°36	2°48	0°21	S 15
M16	4 10 29	1°39'48	16° 3	12°54	2°30	13°24	16°15	4° 2	17°56	18°56	4°30	10°28	11°32	2°55	0°20	M16
T 17	4 14 26	2°40'44	29° 0	14°26	3°44	14° 1	16°17	4° 9	17°56	18°58	4°29	10°25	11°29	3° 1	0°19	T 17
W18	4 18 22	3°41'42	11♒34	15°58	4°58	14°39	16°18	4°16	17°56	19° 0	4°29	10°D25	11°26	3° 8	0°18	W18
T 19	4 22 19	4°42'40	23°49	17°30	6°12	15°16	16°20	4°23	17°D56	19° 1	4°28	10°25	11°23	3°15	0°17	T 19
F 20	4 26 16	5°43'39	5♓50	19° 2	7°26	15°53	16°21	4°30	17°56	19° 3	4°28	10°R26	11°20	3°22	0°17	F 20
S 21	4 30 12	6°44'38	17°43	20°34	8°40	16°30	16°21	4°37	17°56	19° 5	4°28	10°25	11°16	3°28	0°16	S 21
S 22	4 34 9	7°45'39	29°32	22° 5	9°54	17° 8	16°22	4°44	17°56	19° 7	4°27	10°22	11°13	3°35	0°15	S 22
M23	4 38 5	8°46'39	11♈23	23°36	11° 7	17°45	16°22	4°51	17°56	19° 8	4°27	10°17	11°10	3°42	0°14	M23
T 24	4 42 2	9°47'41	23°21	25° 6	12°21	18°22	16°23	4°58	17°56	19°10	4°26	10°10	11° 7	3°48	0°14	T 24
W25	4 45 58	10°48'43	5♉28	26°36	13°35	19° 0	16°R23	5° 5	17°57	19°12	4°26	10° 0	11° 4	3°55	0°13	W25
T 26	4 49 55	11°49'46	17°47	28° 5	14°49	19°37	16°22	5°12	17°57	19°14	4°26	9°49	11° 1	4° 2	0°13	T 26
F 27	4 53 51	12°50'49	0♊20	29°34	16° 3	20°14	16°22	5°19	17°57	19°16	4°25	9°38	10°57	4° 8	0°13	F 27
S 28	4 57 48	13°51'53	13° 7	1♑ 1	17°16	20°51	16°21	5°26	17°58	19°18	4°25	9°27	10°54	4°15	0°12	S 28
S 29	5 1 45	14°52'58	26° 7	2°28	18°30	21°28	16°21	5°33	17°58	19°20	4°25	9°19	10°51	4°22	0°12	S 29
M30	5 5 41	15♐54'03	9♋19	3♑53	19♑44	22♎ 5	16♌20	5♐40	17♓59	19♑22	4♈24	9♒12	10♒48	4♈29	0♈12	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	16s49	26n58	4n 7	18s17	0s37	23s42	1s 9	0s29	1n14	16n55	0n42	19s 8	1n36	5s27	0s47	21s48	0n27	14s 2	17s22	17s16	17s10	4n 3	2n56	2n54
M 2	17 7	26 54	3 22	18 49	0 43	23 53	1 11	0 44	1 14	16 54	0 43	19 9	1 36	5 27	0 47	21 47	0 27	14 2	17 21	17 18	17 11	4 6	2 55	2 54
T 3	17 24	25 22	2 27	19 19	0 49	24 3	1 13	0 59	1 14	16 53	0 43	19 11	1 36	5 28	0 47	21 47	0 27	14 2	17 21	17 20	17 12	4 10	2 54	2 54
W 4	17 40	22 24	1 23	19 49	0 55	24 12	1 15	1 14	1 14	16 52	0 43	19 12	1 36	5 28	0 47	21 47	0 27	14 2	17 21	17 21	17 12	4 13	2 53	2 54
T 5	17 57	18 11	0 13	20 17	1 1	24 21	1 18	1 29	1 14	16 51	0 43	19 13	1 35	5 28	0 47	21 47	0 27	14 2	17 21	17 21	17 13	4 16	2 53	2 53
F 6	18 13	12 57	1s 0	20 45	1 7	24 29	1 20	1 44	1 14	16 51	0 43	19 15	1 35	5 28	0 47	21 47	0 27	14 2	17 20	17 21	17 14	4 19	2 52	2 53
S 7	18 28	6 57	2 10	21 12	1 13	24 36	1 22	1 58	1 13	16 50	0 44	19 16	1 35	5 29	0 47	21 47	0 27	14 3	17 20	17 21	17 15	4 22	2 51	2 53
S 8	18 44	0 30	3 13	21 37	1 19	24 43	1 24	2 13	1 13	16 49	0 44	19 18	1 35	5 29	0 47	21 46	0 27	14 3	17 20	17 22	17 16	4 26	2 50	2 53
M 9	18 59	6s 5	4 5	22 2	1 24	24 49	1 26	2 28	1 13	16 48	0 44	19 19	1 35	5 29	0 46	21 46	0 27	14 3	17 19	17 23	17 17	4 29	2 50	2 53
T 10	19 13	12 24	4 42	22 25	1 29	24 54	1 28	2 43	1 13	16 48	0 44	19 21	1 35	5 29	0 46	21 46	0 27	14 3	17 19	17 25	17 18	4 32	2 49	2 52
W11	19 28	18 3	5 0	22 47	1 34	24 58	1 30	2 58	1 13	16 47	0 45	19 22	1 35	5 29	0 46	21 46	0 26	14 3	17 19	17 28	17 19	4 35	2 48	2 52
T 12	19 42	22 36	4 57	23 9	1 39	25 2	1 32	3 13	1 13	16 47	0 45	19 23	1 35	5 29	0 46	21 46	0 26	14 3	17 19	17 31	17 20	4 38	2 47	2 52
F 13	19 55	25 40	4 36	23 29	1 44	25 5	1 33	3 27	1 13	16 46	0 45	19 25	1 35	5 29	0 46	21 46	0 26	14 2	17 18	17 34	17 20	4 42	2 47	2 52
S 14	20 9	27 0	3 58	23 47	1 48	25 7	1 35	3 42	1 13	16 46	0 45	19 26	1 35	5 30	0 46	21 45	0 26	14 2	17 18	17 37	17 21	4 45	2 46	2 52
S 15	20 22	26 36	3 6	24 5	1 53	25 8	1 37	3 57	1 13	16 45	0 46	19 27	1 35	5 30	0 46	21 45	0 26	14 2	17 18	17 39	17 22	4 48	2 46	2 51
M16	20 34	24 38	2 6	24 21	1 56	25 9	1 39	4 12	1 13	16 45	0 46	19 29	1 35	5 30	0 46	21 45	0 26	14 2	17 17	17 41	17 23	4 51	2 45	2 51
T 17	20 46	21 25	1 0	24 36	2 0	25 8	1 40	4 26	1 12	16 45	0 46	19 30	1 35	5 30	0 46	21 45	0 26	14 2	17 17	17 41	17 24	4 54	2 44	2 51
W18	20 58	17 17	0n 6	24 50	2 3	25 7	1 42	4 41	1 12	16 45	0 46	19 32	1 35	5 30	0 46	21 44	0 26	14 2	17 17	17 42	17 25	4 57	2 44	2 51
T 19	21 9	12 31	1 11	25 2	2 7	25 6	1 43	4 55	1 12	16 44	0 47	19 33	1 35	5 30	0 46	21 44	0 26	14 2	17 16	17 41	17 26	5 1	2 43	2 51
F 20	21 20	7 22	2 11	25 13	2 9	25 3	1 44	5 10	1 12	16 44	0 47	19 34	1 34	5 30	0 46	21 44	0 26	14 2	17 16	17 41	17 27	5 4	2 43	2 50
S 21	21 31	2 2	3 5	25 23	2 12	25 0	1 46	5 24	1 12	16 44	0 47	19 36	1 34	5 30	0 46	21 44	0 26	14 2	17 16	17 42	17 27	5 7	2 42	2 50
S 22	21 41	3n20	3 51	25 31	2 14	24 56	1 47	5 39	1 12	16 44	0 47	19 37	1 34	5 29	0 46	21 44	0 26	14 2	17 15	17 42	17 28	5 10	2 42	2 50
M23	21 51	8 36	4 27	25 37	2 15	24 51	1 48	5 53	1 12	16 45	0 48	19 38	1 34	5 29	0 46	21 43	0 26	14 2	17 15	17 44	17 29	5 13	2 41	2 50
T 24	22 0	13 36	4 51	25 42	2 16	24 46	1 49	6 7	1 12	16 45	0 48	19 39	1 34	5 29	0 46	21 43	0 26	14 1	17 15	17 46	17 30	5 16	2 41	2 49
W25	22 9	18 9	5 3	25 46	2 17	24 39	1 50	6 22	1 11	16 45	0 48	19 41	1 34	5 29	0 46	21 43	0 26	14 1	17 14	17 48	17 31	5 20	2 41	2 49
T 26	22 17	22 0	5 1	25 48	2 17	24 32	1 51	6 36	1 11	16 45	0 48	19 42	1 34	5 29	0 46	21 43	0 26	14 1	17 14	17 51	17 32	5 23	2 40	2 49
F 27	22 25	24 56	4 45	25 49	2 17	24 25	1 52	6 50	1 11	16 46	0 49	19 43	1 34	5 29	0 46	21 42	0 26	14 1	17 14	17 54	17 33	5 26	2 40	2 49
S 28	22 33	26 39	4 14	25 48	2 16	24 16	1 53	7 4	1 11	16 46	0 49	19 45	1 34	5 29	0 46	21 42	0 26	14 1	17 13	17 57	17 34	5 29	2 39	2 49
S 29	22 40	26 57	3 29	25 45	2 15	24 7	1 53	7 19	1 11	16 46	0 49	19 46	1 34	5 28	0 46	21 42	0 26	14 0	17 13	17 59	17 34	5 32	2 39	2 48
M30	22s47	25n44	2n33	25s41	2s13	23s57	1s54	7s33	1n11	16n47	0n49	19s47	1n34	5s28	0s46	21s42	0n26	14s 0	17s13	18s 1	17s35	5n35	2n39	2n48

Julian Day Number = 2210066.5, Delta T = 09m25s
Ecliptic obliquity = 23°31'37, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°31'06, Lahiri = 14°38'07 Julian Calendar 1 Nov. 1338 == Greg. Calendar 9 Nov. 1338

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ASTRODIENST EPHEMERIS for the year 1338
geocentric

DECEMBER 1338 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	5 9 38	16♐55'10	22♋42	5♉17	20♉57	22♎43	16°R19	5♐47	17♓59	19♉24	4°R24	9°R 8	10♒45	4♈35	0°R11	T 1
W 2	5 13 34	17°56'17	6♌15	6°39	22°11	23°20	16♌17	5°54	18° 0	19°26	4♈24	9°D 7	10°42	4°42	0♈11	W 2
T 3	5 17 31	18°57'24	19°57	7°59	23°24	23°57	16°16	6° 1	18° 1	19°28	4°24	9♒ 8	10°38	4°49	0°11	T 3
F 4	5 21 27	19°58'32	3♍48	9°17	24°38	24°34	16°14	6° 8	18° 1	19°30	4°24	9° 9	10°35	4°55	0°D11	F 4
S 5	5 25 24	20°59'41	17°47	10°31	25°51	25°11	16°12	6°15	18° 2	19°32	4°23	9°R10	10°32	5° 2	0°11	S 5
S 6	5 29 20	22° 0'51	1♎55	11°43	27° 5	25°48	16°10	6°22	18° 3	19°34	4°23	9° 9	10°29	5° 9	0°11	S 6
M 7	5 33 17	23° 2'01	16° 9	12°50	28°18	26°25	16° 7	6°29	18° 4	19°36	4°23	9° 7	10°26	5°15	0°12	M 7
T 8	5 37 14	24° 3'12	0♏28	13°53	29°31	27° 2	16° 5	6°36	18° 5	19°38	4°23	9° 2	10°22	5°22	0°12	T 8
W 9	5 41 10	25° 4'24	14°47	14°50	0♒45	27°39	16° 2	6°43	18° 6	19°40	4°23	8°56	10°19	5°29	0°12	W 9
T 10	5 45 7	26° 5'36	29° 3	15°42	1°58	28°16	15°59	6°49	18° 7	19°42	4°23	8°49	10°16	5°36	0°12	T 10
F 11	5 49 3	27° 6'49	13♐ 9	16°26	3°11	28°53	15°56	6°56	18° 8	19°44	4°D23	8°42	10°13	5°42	0°13	F 11
S 12	5 53 0	28° 8'02	27° 2	17° 3	4°24	29°30	15°53	7° 3	18° 9	19°47	4°23	8°35	10°10	5°49	0°13	S 12
S 13	5 56 56	29° 9'15	10♉36	17°31	5°37	0♏ 7	15°50	7°10	18°10	19°49	4°23	8°30	10° 7	5°56	0°14	S 13
M14	6 0 53	0♉10'28	23°50	17°50	6°50	0°44	15°46	7°16	18°11	19°51	4°23	8°27	10° 3	6° 2	0°14	M14
T 15	6 4 50	1°11'40	6♒43	17°R58	8° 3	1°21	15°42	7°23	18°13	19°53	4°23	8°D26	10° 0	6° 9	0°15	T 15
W16	6 8 46	2°12'53	19°17	17°55	9°16	1°58	15°38	7°30	18°14	19°55	4°23	8°27	9°57	6°16	0°16	W16
T 17	6 12 43	3°14'05	1♓33	17°40	10°29	2°34	15°34	7°36	18°15	19°57	4°23	8°28	9°54	6°22	0°16	T 17
F 18	6 16 39	4°15'17	13°36	17°13	11°42	3°11	15°30	7°43	18°17	20° 0	4°24	8°30	9°51	6°29	0°17	F 18
S 19	6 20 36	5°16'29	25°31	16°35	12°55	3°48	15°25	7°49	18°18	20° 2	4°24	8°32	9°48	6°36	0°18	S 19
S 20	6 24 32	6°17'40	7♈22	15°45	14° 8	4°25	15°20	7°56	18°20	20° 4	4°24	8°R32	9°44	6°43	0°19	S 20
M21	6 28 29	7°18'51	19°14	14°46	15°20	5° 1	15°15	8° 2	18°21	20° 6	4°24	8°31	9°41	6°49	0°20	M21
T 22	6 32 25	8°20'02	1♉12	13°38	16°33	5°38	15°10	8° 9	18°23	20° 9	4°24	8°29	9°38	6°56	0°21	T 22
W23	6 36 22	9°21'12	13°22	12°24	17°45	6°15	15° 5	8°15	18°25	20°11	4°25	8°26	9°35	7° 3	0°22	W23
T 24	6 40 19	10°22'21	25°45	11° 5	18°58	6°51	15° 0	8°22	18°26	20°13	4°25	8°21	9°32	7° 9	0°23	T 24
F 25	6 44 15	11°23'30	8♊26	9°45	20°10	7°28	14°54	8°28	18°28	20°15	4°25	8°16	9°28	7°16	0°24	F 25
S 26	6 48 12	12°24'38	21°25	8°27	21°22	8° 4	14°49	8°34	18°30	20°18	4°26	8°12	9°25	7°23	0°25	S 26
S 27	6 52 8	13°25'46	4♋43	7°11	22°35	8°41	14°43	8°40	18°32	20°20	4°26	8° 8	9°22	7°29	0°27	S 27
M28	6 56 5	14°26'54	18°17	6° 1	23°47	9°17	14°37	8°47	18°34	20°22	4°26	8° 6	9°19	7°36	0°28	M28
T 29	7 0 1	15°28'01	2♌ 7	4°58	24°59	9°54	14°31	8°53	18°35	20°24	4°27	8°D 5	9°16	7°43	0°29	T 29
W30	7 3 58	16°29'07	16° 8	4° 4	26°11	10°30	14°25	8°59	18°37	20°27	4°27	8° 5	9°13	7°50	0°31	W30
T 31	7 7 54	17♉30'13	0♍17	3♉18	27♒22	11♏ 7	14♌18	9♐ 5	18♓39	20♉29	4♈28	8♒ 6	9♒ 9	7♈56	0♈32	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22s53	23n 2	1n27	25s35	2s10	23s46	1s55	7s47	1n10	16n48	0n50	19s48	1n34	5s28	0s46	21s41	0n26	14s 0	17s12	18s 2	17s36	5n39	2n39	2n48
W 2	22 59	19 2	0 15	25 28	2 7	23 35	1 55	8 0	1 10	16 48	0 50	19 50	1 34	5 28	0 46	21 41	0 26	14 0	17 12	18 2	17 37	5 42	2 38	2 48
T 3	23 4	13 58	0s58	25 19	2 3	23 23	1 55	8 14	1 10	16 49	0 50	19 51	1 34	5 27	0 46	21 41	0 26	14 0	17 12	18 2	17 38	5 45	2 38	2 48
F 4	23 9	8 9	2 9	25 9	1 58	23 10	1 56	8 28	1 10	16 50	0 50	19 52	1 34	5 27	0 45	21 40	0 26	13 59	17 11	18 2	17 39	5 48	2 38	2 47
S 5	23 13	1 53	3 13	24 58	1 52	22 57	1 56	8 42	1 10	16 51	0 50	19 53	1 34	5 27	0 45	21 40	0 26	13 59	17 11	18 2	17 40	5 51	2 38	2 47
S 6	23 17	4s31	4 6	24 45	1 45	22 43	1 56	8 56	1 9	16 51	0 51	19 54	1 34	5 26	0 45	21 40	0 26	13 59	17 10	18 2	17 41	5 54	2 38	2 47
M 7	23 21	10 45	4 44	24 31	1 37	22 28	1 56	9 9	1 9	16 52	0 51	19 56	1 34	5 26	0 45	21 40	0 26	13 58	17 10	18 3	17 41	5 57	2 37	2 47
T 8	23 24	16 26	5 5	24 16	1 28	22 13	1 56	9 23	1 9	16 53	0 51	19 57	1 34	5 25	0 45	21 39	0 26	13 58	17 10	18 4	17 42	6 1	2 37	2 46
W 9	23 26	21 13	5 7	23 59	1 18	21 57	1 56	9 36	1 9	16 54	0 51	19 58	1 34	5 25	0 45	21 39	0 26	13 58	17 9	18 5	17 43	6 4	2 37	2 46
T 10	23 28	24 43	4 50	23 42	1 7	21 40	1 56	9 50	1 9	16 55	0 52	19 59	1 34	5 25	0 45	21 39	0 26	13 58	17 9	18 7	17 44	6 7	2 37	2 46
F 11	23 30	26 40	4 15	23 25	0 55	21 23	1 56	10 3	1 8	16 57	0 52	20 0	1 34	5 24	0 45	21 38	0 26	13 57	17 9	18 9	17 45	6 10	2 37	2 46
S 12	23 31	26 55	3 26	23 7	0 41	21 5	1 55	10 16	1 8	16 58	0 52	20 1	1 34	5 24	0 45	21 38	0 26	13 57	17 8	18 11	17 46	6 13	2 37	2 46
S 13	23 31	25 31	2 25	22 49	0 26	20 47	1 55	10 30	1 8	16 59	0 52	20 2	1 34	5 23	0 45	21 38	0 26	13 56	17 8	18 12	17 47	6 16	2 37	2 45
M14	23 32	22 42	1 19	22 31	0 11	20 28	1 54	10 43	1 8	17 0	0 53	20 4	1 34	5 23	0 45	21 38	0 26	13 56	17 8	18 13	17 47	6 19	2 37	2 45
T 15	23 31	18 49	0 9	22 13	0n 6	20 9	1 53	10 56	1 7	17 2	0 53	20 5	1 34	5 22	0 45	21 37	0 26	13 56	17 7	18 13	17 48	6 22	2 37	2 45
W16	23 30	14 10	0n59	21 55	0 24	19 49	1 53	11 9	1 7	17 3	0 53	20 6	1 34	5 22	0 45	21 37	0 26	13 55	17 7	18 13	17 49	6 26	2 37	2 45
T 17	23 29	9 3	2 3	21 39	0 43	19 28	1 52	11 22	1 7	17 5	0 53	20 7	1 34	5 21	0 45	21 37	0 26	13 55	17 6	18 13	17 50	6 29	2 37	2 44
F 18	23 27	3 42	3 0	21 23	1 2	19 7	1 51	11 35	1 7	17 6	0 54	20 8	1 34	5 20	0 45	21 36	0 26	13 55	17 6	18 12	17 51	6 32	2 37	2 44
S 19	23 25	1n43	3 49	21 9	1 22	18 45	1 50	11 47	1 6	17 8	0 54	20 9	1 34	5 20	0 45	21 36	0 26	13 54	17 6	18 12	17 52	6 35	2 38	2 44
S 20	23 23	7 2	4 28	20 55	1 41	18 23	1 49	12 0	1 6	17 9	0 54	20 10	1 34	5 19	0 45	21 36	0 26	13 54	17 5	18 12	17 53	6 38	2 38	2 44
M21	23 19	12 6	4 55	20 43	2 0	18 0	1 47	12 13	1 6	17 11	0 54	20 11	1 34	5 18	0 45	21 35	0 26	13 53	17 5	18 12	17 53	6 41	2 38	2 44
T 22	23 16	16 47	5 10	20 33	2 17	17 37	1 46	12 25	1 6	17 13	0 55	20 12	1 34	5 18	0 45	21 35	0 26	13 53	17 5	18 12	17 54	6 44	2 38	2 43
W23	23 12	20 51	5 12	20 24	2 34	17 14	1 45	12 37	1 5	17 14	0 55	20 13	1 34	5 17	0 45	21 35	0 26	13 53	17 4	18 13	17 55	6 47	2 38	2 43
T 24	23 7	24 6	4 59	20 16	2 48	16 50	1 43	12 50	1 5	17 16	0 55	20 14	1 34	5 16	0 45	21 34	0 26	13 52	17 4	18 15	17 56	6 50	2 39	2 43
F 25	23 2	26 15	4 31	20 10	3 0	16 25	1 42	13 2	1 5	17 18	0 55	20 15	1 34	5 16	0 45	21 34	0 26	13 52	17 3	18 16	17 57	6 54	2 39	2 43
S 26	22 57	27 3	3 49	20 5	3 10	16 0	1 40	13 14	1 4	17 20	0 55	20 16	1 34	5 15	0 45	21 34	0 26	13 51	17 3	18 17	17 58	6 57	2 39	2 42
S 27	22 51	26 20	2 53	20 2	3 18	15 35	1 38	13 26	1 4	17 22	0 56	20 17	1 34	5 14	0 45	21 33	0 26	13 51	17 3	18 18	17 58	7 0	2 39	2 42
M28	22 44	24 2	1 47	20 1	3 23	15 9	1 36	13 38	1 4	17 24	0 56	20 18	1 34	5 13	0 45	21 33	0 26	13 50	17 2	18 19	17 59	7 3	2 40	2 42
T 29	22 38	20 18	0 33	20 1	3 25	14 43	1 34	13 50	1 3	17 26	0 56	20 19	1 34	5 13	0 45	21 33	0 26	13 50	17 2	18 19	18 0	7 6	2 40	2 42
W30	22 30	15 21	0s44	20 3	3 25	14 17	1 32	14 2	1 3	17 28	0 56	20 19	1 34	5 12	0 44	21 33	0 26	13 49	17 2	18 19	18 1	7 9	2 41	2 42
T 31	22s23	9n33	1s59	20s 6	3n23	13s50	1s30	14s14	1n 3	17n30	0n56	20s20	1n34	5s11	0s44	21s32	0n26	13s49	17s 1	18s19	18s 2	7n12	2n41	2n41

Julian Day Number = 2210096.5, Delta T = 09m25s
Ecliptic obliquity = 23°31'36, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°31'10, Lahiri = 14°38'11 Julian Calendar 1 Dec. 1338 == Greg. Calendar 9 Dec. 1338

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ASTRODIENST EPHEMERIS for the year 1339
geocentric

JANUARY 1339 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	7 11 51	18♉31'19	14♍30	2°R42	28♒34	11♏43	14°R12	9♐11	18♓41	20♉31	4♈28	8♒ 7	9♒ 6	8♈ 3	0♈34	F 1
S 2	7 15 48	19°32'24	28°45	2♉15	29°46	12°19	14♌ 5	9°17	18°44	20°33	4°29	8° 8	9° 3	8°10	0°35	S 2
S 3	7 19 44	20°33'29	12♎58	1°58	0♓57	12°56	13°59	9°23	18°46	20°36	4°29	8° 9	9° 0	8°16	0°37	S 3
M 4	7 23 41	21°34'34	27° 8	1°50	2° 9	13°32	13°52	9°29	18°48	20°38	4°30	8°R 9	8°57	8°23	0°39	M 4
T 5	7 27 37	22°35'38	11♏12	1°D50	3°20	14° 8	13°45	9°34	18°50	20°40	4°30	8° 9	8°54	8°30	0°41	T 5
W 6	7 31 34	23°36'41	25° 8	1°57	4°31	14°44	13°38	9°40	18°52	20°43	4°31	8° 7	8°50	8°36	0°42	W 6
T 7	7 35 30	24°37'45	8♐56	2°12	5°43	15°21	13°31	9°46	18°55	20°45	4°31	8° 5	8°47	8°43	0°44	T 7
F 8	7 39 27	25°38'47	22°33	2°34	6°54	15°57	13°24	9°52	18°57	20°47	4°32	8° 4	8°44	8°50	0°46	F 8
S 9	7 43 23	26°39'49	5♑57	3° 2	8° 5	16°33	13°16	9°57	18°59	20°49	4°33	8° 2	8°41	8°57	0°48	S 9
S 10	7 47 20	27°40'50	19° 7	3°36	9°15	17° 9	13° 9	10° 3	19° 2	20°52	4°33	8° 1	8°38	9° 3	0°50	S 10
M11	7 51 17	28°41'50	2♒ 3	4°14	10°26	17°45	13° 1	10° 8	19° 4	20°54	4°34	8°D 0	8°34	9°10	0°52	M11
T 12	7 55 13	29°42'49	14°43	4°57	11°37	18°21	12°54	10°13	19° 7	20°56	4°35	8° 0	8°31	9°17	0°54	T 12
W13	7 59 10	0♒43'47	27° 9	5°45	12°47	18°57	12°46	10°19	19° 9	20°58	4°35	8° 1	8°28	9°23	0°56	W13
T 14	8 3 6	1°44'44	9♓22	6°36	13°58	19°33	12°39	10°24	19°12	21° 1	4°36	8° 1	8°25	9°30	0°58	T 14
F 15	8 7 3	2°45'39	21°24	7°30	15° 8	20° 8	12°31	10°29	19°14	21° 3	4°37	8° 2	8°22	9°37	1° 1	F 15
S 16	8 10 59	3°46'33	3♈19	8°28	16°18	20°44	12°23	10°34	19°17	21° 5	4°38	8° 3	8°19	9°44	1° 3	S 16
S 17	8 14 56	4°47'26	15°11	9°29	17°28	21°20	12°15	10°40	19°20	21° 7	4°38	8° 3	8°15	9°50	1° 5	S 17
M18	8 18 52	5°48'17	27° 3	10°32	18°38	21°56	12° 7	10°45	19°22	21°10	4°39	8° 3	8°12	9°57	1° 8	M18
T 19	8 22 49	6°49'07	9♉ 0	11°37	19°47	22°31	12° 0	10°49	19°25	21°12	4°40	8°R 3	8° 9	10° 4	1°10	T 19
W20	8 26 46	7°49'55	21° 7	12°45	20°57	23° 7	11°52	10°54	19°28	21°14	4°41	8°D 3	8° 6	10°10	1°12	W20
T 21	8 30 42	8°50'42	3♊30	13°55	22° 6	23°42	11°44	10°59	19°30	21°16	4°42	8° 3	8° 3	10°17	1°15	T 21
F 22	8 34 39	9°51'27	16°10	15° 7	23°15	24°18	11°36	11° 4	19°33	21°18	4°43	8° 3	8° 0	10°24	1°17	F 22
S 23	8 38 35	10°52'11	29°12	16°20	24°24	24°53	11°28	11° 9	19°36	21°21	4°44	8° 4	7°56	10°30	1°20	S 23
S 24	8 42 32	11°52'53	12♋38	17°35	25°33	25°28	11°20	11°13	19°39	21°23	4°45	8° 4	7°53	10°37	1°22	S 24
M25	8 46 28	12°53'34	26°27	18°52	26°42	26° 4	11°12	11°18	19°42	21°25	4°46	8° 4	7°50	10°44	1°25	M25
T 26	8 50 25	13°54'13	10♌37	20°10	27°50	26°39	11° 4	11°22	19°45	21°27	4°46	8°R 4	7°47	10°51	1°28	T 26
W27	8 54 22	14°54'50	25° 4	21°30	28°58	27°14	10°56	11°26	19°48	21°29	4°47	8° 4	7°44	10°57	1°30	W27
T 28	8 58 18	15°55'26	9♍43	22°51	0♈ 7	27°49	10°48	11°31	19°51	21°31	4°48	8° 4	7°40	11° 4	1°33	T 28
F 29	9 2 15	16°56'01	24°26	24°13	1°14	28°24	10°40	11°35	19°54	21°33	4°49	8° 3	7°37	11°11	1°36	F 29
S 30	9 6 11	17°56'34	9♎ 6	25°36	2°22	28°59	10°32	11°39	19°57	21°36	4°51	8° 1	7°34	11°17	1°39	S 30
S 31	9 10 8	18♒57'06	23♎39	27♑ 1	3♈30	29♏34	10♌25	11♐43	20♓ 0	21♉38	4♈52	8♒ 0	7♒31	11♈24	1♈42	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22s14	3n14	3s 8	20s10	3n20	13s23	1s28	14s25	1n 2	17n32	0n57	20s21	1n34	5s10	0s44	21s32	0n26	13s48	17s 1	18s18	18s 3	7n15	2n41	2n41
S 2	22 6	3s14	4 4	20 16	3 15	12 56	1 25	14 37	1 2	17 34	0 57	20 22	1 34	5 9	0 44	21 32	0 26	13 48	17 1	18 18	18 4	7 18	2 42	2 41
S 3	21 57	9 31	4 46	20 23	3 8	12 28	1 23	14 48	1 1	17 36	0 57	20 23	1 34	5 8	0 44	21 31	0 26	13 47	17 0	18 18	18 4	7 21	2 42	2 41
M 4	21 47	15 18	5 10	20 30	3 1	12 0	1 20	14 59	1 1	17 38	0 57	20 24	1 34	5 8	0 44	21 31	0 26	13 47	17 0	18 18	18 5	7 24	2 43	2 41
T 5	21 38	20 14	5 15	20 39	2 52	11 32	1 18	15 10	1 1	17 41	0 57	20 25	1 34	5 7	0 44	21 31	0 26	13 46	17 0	18 18	18 6	7 27	2 43	2 40
W 6	21 27	24 0	5 2	20 47	2 43	11 3	1 15	15 22	1 0	17 43	0 58	20 25	1 35	5 6	0 44	21 30	0 26	13 46	16 59	18 18	18 7	7 31	2 44	2 40
T 7	21 17	26 20	4 31	20 57	2 34	10 34	1 12	15 33	1 0	17 45	0 58	20 26	1 35	5 5	0 44	21 30	0 26	13 45	16 59	18 19	18 8	7 34	2 44	2 40
F 8	21 5	27 4	3 46	21 6	2 24	10 5	1 9	15 43	0 59	17 47	0 58	20 27	1 35	5 4	0 44	21 30	0 26	13 44	16 59	18 19	18 9	7 37	2 45	2 40
S 9	20 54	26 12	2 48	21 16	2 14	9 36	1 6	15 54	0 59	17 49	0 58	20 28	1 35	5 3	0 44	21 29	0 26	13 44	16 58	18 20	18 9	7 40	2 46	2 40
S 10	20 42	23 51	1 43	21 25	2 3	9 6	1 3	16 5	0 59	17 52	0 58	20 28	1 35	5 2	0 44	21 29	0 26	13 43	16 58	18 20	18 10	7 43	2 46	2 39
M11	20 30	20 19	0 33	21 35	1 53	8 36	1 0	16 15	0 58	17 54	0 58	20 29	1 35	5 1	0 44	21 29	0 26	13 43	16 58	18 20	18 11	7 46	2 47	2 39
T 12	20 17	15 53	0n37	21 44	1 42	8 6	0 57	16 26	0 58	17 56	0 59	20 30	1 35	5 0	0 44	21 28	0 26	13 42	16 57	18 20	18 12	7 49	2 47	2 39
W13	20 4	10 52	1 44	21 52	1 32	7 36	0 53	16 36	0 57	17 59	0 59	20 31	1 35	4 59	0 44	21 28	0 26	13 42	16 57	18 20	18 13	7 52	2 48	2 39
T 14	19 51	5 32	2 45	22 0	1 21	7 6	0 50	16 46	0 57	18 1	0 59	20 31	1 35	4 58	0 44	21 27	0 25	13 41	16 57	18 20	18 14	7 55	2 49	2 39
F 15	19 37	0 5	3 38	22 8	1 11	6 36	0 46	16 56	0 56	18 3	0 59	20 32	1 35	4 57	0 44	21 27	0 25	13 40	16 56	18 19	18 14	7 58	2 49	2 38
S 16	19 23	5n19	4 21	22 15	1 1	6 5	0 43	17 6	0 56	18 6	0 59	20 33	1 35	4 56	0 44	21 27	0 25	13 40	16 56	18 19	18 15	8 1	2 50	2 38
S 17	19 8	10 29	4 52	22 21	0 51	5 34	0 39	17 16	0 55	18 8	0 59	20 33	1 35	4 55	0 44	21 26	0 25	13 39	16 56	18 19	18 16	8 4	2 51	2 38
M18	18 53	15 17	5 11	22 26	0 41	5 3	0 35	17 26	0 55	18 10	0 59	20 34	1 35	4 54	0 44	21 26	0 25	13 39	16 55	18 19	18 17	8 7	2 52	2 38
T 19	18 38	19 33	5 17	22 30	0 31	4 32	0 31	17 36	0 54	18 13	1 0	20 35	1 35	4 53	0 44	21 26	0 25	13 38	16 55	18 19	18 18	8 10	2 53	2 38
W20	18 23	23 4	5 9	22 33	0 22	4 1	0 28	17 45	0 54	18 15	1 0	20 35	1 35	4 52	0 44	21 25	0 25	13 37	16 55	18 19	18 19	8 13	2 53	2 38
T 21	18 7	25 37	4 47	22 35	0 12	3 30	0 24	17 54	0 53	18 17	1 0	20 36	1 35	4 50	0 44	21 25	0 25	13 37	16 54	18 19	18 19	8 16	2 54	2 37
F 22	17 51	26 57	4 10	22 37	0 3	2 59	0 19	18 4	0 53	18 20	1 0	20 36	1 36	4 49	0 44	21 25	0 25	13 36	16 54	18 19	18 20	8 19	2 55	2 37
S 23	17 34	26 51	3 19	22 37	0s 6	2 28	0 15	18 13	0 52	18 22	1 0	20 37	1 36	4 48	0 44	21 24	0 25	13 36	16 54	18 19	18 21	8 22	2 56	2 37
S 24	17 17	25 11	2 17	22 36	0 14	1 57	0 11	18 22	0 52	18 24	1 0	20 38	1 36	4 47	0 44	21 24	0 25	13 35	16 54	18 19	18 22	8 25	2 57	2 37
M25	17 0	21 59	1 4	22 34	0 22	1 25	0 7	18 31	0 51	18 27	1 0	20 38	1 36	4 46	0 44	21 24	0 25	13 34	16 53	18 19	18 23	8 28	2 58	2 37
T 26	16 43	17 25	0s14	22 31	0 31	0 54	0 2	18 40	0 50	18 29	1 0	20 39	1 36	4 45	0 44	21 23	0 25	13 34	16 53	18 19	18 23	8 31	2 59	2 37
W27	16 25	11 45	1 33	22 26	0 38	0 23	0n 2	18 48	0 50	18 31	1 1	20 39	1 36	4 43	0 44	21 23	0 25	13 33	16 53	18 19	18 24	8 34	2 59	2 36
T 28	16 7	5 23	2 47	22 20	0 46	0n 9	0 6	18 57	0 49	18 34	1 1	20 40	1 36	4 42	0 44	21 23	0 25	13 32	16 52	18 19	18 25	8 37	3 0	2 36
F 29	15 49	1s17	3 50	22 13	0 53	0 40	0 11	19 5	0 48	18 36	1 1	20 40	1 36	4 41	0 44	21 22	0 25	13 32	16 52	18 19	18 26	8 40	3 1	2 36
S 30	15 31	7 52	4 37	22 5	1 0	1 11	0 16	19 14	0 48	18 38	1 1	20 41	1 36	4 40	0 44	21 22	0 25	13 31	16 52	18 20	18 27	8 43	3 2	2 36
S 31	15s12	13s57	5s 7	21s55	1s 7	1n42	0n20	19s22	0n47	18n40	1n 1	20s41	1n36	4s39	0s44	21s22	0n25	13s30	16s52	18s20	18s28	8n46	3n 3	2n36

Julian Day Number = 2210127.5, Delta T = 09m25s
Ecliptic obliquity = 23°31'36, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°31'15, Lahiri = 14°38'15 Julian Calendar 1 Jan. 1339 == Greg. Calendar 9 Jan. 1339

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1339
geocentric

FEBRUARY 1339 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	9 14 4	19♒57'37	7♏58	28♑27	4♈37	0♐ 9	10°R17	11♐47	20♓ 3	21♑40	4♈53	8°R 0	7♒28	11♈31	1♈44	M 1
T 2	9 18 1	20°58'06	22° 2	29°53	5°44	0°44	10♌ 9	11°51	20° 6	21°42	4°54	7°D59	7°25	11°38	1°47	T 2
W 3	9 21 57	21°58'35	5♐49	1♒21	6°51	1°19	10° 1	11°55	20° 9	21°44	4°55	8♒ 0	7°21	11°44	1°50	W 3
T 4	9 25 54	22°59'02	19°20	2°50	7°57	1°53	9°54	11°59	20°12	21°46	4°56	8° 1	7°18	11°51	1°53	T 4
F 5	9 29 51	23°59'27	2♑34	4°20	9° 4	2°28	9°46	12° 2	20°15	21°48	4°57	8° 2	7°15	11°58	1°56	F 5
S 6	9 33 47	24°59'51	15°34	5°51	10°10	3° 3	9°39	12° 6	20°18	21°50	4°58	8° 3	7°12	12° 4	1°59	S 6
S 7	9 37 44	26° 0'14	28°20	7°23	11°16	3°37	9°31	12° 9	20°22	21°52	4°59	8° 4	7° 9	12°11	2° 2	S 7
M 8	9 41 40	27° 0'34	10♒55	8°56	12°21	4°11	9°24	12°13	20°25	21°54	5° 1	8°R 4	7° 6	12°18	2° 5	M 8
T 9	9 45 37	28° 0'53	23°18	10°30	13°27	4°46	9°17	12°16	20°28	21°56	5° 2	8° 4	7° 2	12°25	2° 9	T 9
W10	9 49 33	29° 1'11	5♓32	12° 6	14°32	5°20	9°10	12°19	20°31	21°58	5° 3	8° 2	6°59	12°31	2°12	W10
T 11	9 53 30	0♓ 1'26	17°37	13°42	15°37	5°54	9° 3	12°22	20°34	22° 0	5° 4	7°59	6°56	12°38	2°15	T 11
F 12	9 57 26	1° 1'40	29°36	15°19	16°41	6°28	8°56	12°25	20°38	22° 1	5° 5	7°55	6°53	12°45	2°18	F 12
S 13	10 1 23	2° 1'51	11♈29	16°57	17°46	7° 2	8°49	12°28	20°41	22° 3	5° 7	7°51	6°50	12°51	2°21	S 13
S 14	10 5 19	3° 2'01	23°20	18°36	18°50	7°36	8°42	12°31	20°44	22° 5	5° 8	7°47	6°46	12°58	2°25	S 14
M15	10 9 16	4° 2'08	5♉12	20°17	19°53	8°10	8°36	12°34	20°48	22° 7	5° 9	7°43	6°43	13° 5	2°28	M15
T 16	10 13 13	5° 2'14	17° 8	21°58	20°57	8°44	8°29	12°37	20°51	22° 9	5°10	7°40	6°40	13°12	2°31	T 16
W17	10 17 9	6° 2'17	29°13	23°40	22° 0	9°17	8°23	12°39	20°54	22°11	5°12	7°39	6°37	13°18	2°34	W17
T 18	10 21 6	7° 2'18	11♊30	25°24	23° 2	9°51	8°16	12°42	20°58	22°12	5°13	7°D39	6°34	13°25	2°38	T 18
F 19	10 25 2	8° 2'17	24° 6	27° 9	24° 5	10°24	8°10	12°44	21° 1	22°14	5°14	7°40	6°31	13°32	2°41	F 19
S 20	10 28 59	9° 2'14	7♋ 3	28°54	25° 7	10°58	8° 4	12°46	21° 4	22°16	5°16	7°41	6°27	13°38	2°45	S 20
S 21	10 32 55	10° 2'08	20°26	0♓41	26° 8	11°31	7°59	12°49	21° 8	22°17	5°17	7°43	6°24	13°45	2°48	S 21
M22	10 36 52	11° 2'00	4♌16	2°29	27° 9	12° 4	7°53	12°51	21°11	22°19	5°18	7°R44	6°21	13°52	2°51	M22
T 23	10 40 48	12° 1'51	18°33	4°19	28°10	12°37	7°47	12°53	21°15	22°21	5°19	7°43	6°18	13°59	2°55	T 23
W24	10 44 45	13° 1'38	3♍14	6° 9	29°10	13°10	7°42	12°55	21°18	22°22	5°21	7°41	6°15	14° 5	2°58	W24
T 25	10 48 42	14° 1'24	18°12	8° 1	0♉10	13°43	7°37	12°56	21°21	22°24	5°22	7°38	6°11	14°12	3° 2	T 25
F 26	10 52 38	15° 1'08	3♎20	9°53	1°10	14°15	7°32	12°58	21°25	22°25	5°24	7°32	6° 8	14°19	3° 5	F 26
S 27	10 56 35	16° 0'50	18°27	11°47	2° 9	14°48	7°27	13° 0	21°28	22°27	5°25	7°27	6° 5	14°25	3° 9	S 27
S 28	11 0 31	17♓ 0'30	3♏23	13♓42	3♉ 7	15♐20	7♌22	13♐ 1	21♓32	22♑29	5♈26	7♒21	6♒ 2	14♈32	3♈12	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	14s53	19s12	5s17	21s45	1s13	2n13	0n25	19s30	0n46	18n42	1n 1	20s41	1n36	4s37	0s44	21s22	0n25	13s30	16s51	18s20	18s28	8n49	3n 4	2n36
T 2	14 34	23 17	5 7	21 32	1 19	2 45	0 30	19 38	0 46	18 45	1 1	20 42	1 36	4 36	0 44	21 21	0 25	13 29	16 51	18 20	18 29	8 52	3 5	2 35
W 3	14 14	25 57	4 40	21 19	1 25	3 16	0 35	19 46	0 45	18 47	1 1	20 42	1 37	4 35	0 44	21 21	0 25	13 28	16 51	18 20	18 30	8 55	3 6	2 35
T 4	13 54	27 3	3 58	21 4	1 30	3 47	0 40	19 53	0 44	18 49	1 1	20 43	1 37	4 34	0 43	21 21	0 25	13 28	16 51	18 20	18 31	8 58	3 7	2 35
F 5	13 34	26 34	3 4	20 48	1 36	4 17	0 45	20 1	0 44	18 51	1 1	20 43	1 37	4 32	0 43	21 20	0 25	13 27	16 50	18 20	18 32	9 1	3 8	2 35
S 6	13 14	24 37	2 1	20 30	1 40	4 48	0 50	20 8	0 43	18 53	1 1	20 44	1 37	4 31	0 43	21 20	0 25	13 26	16 50	18 19	18 32	9 4	3 10	2 35
S 7	12 54	21 27	0 54	20 11	1 45	5 19	0 55	20 16	0 42	18 55	1 1	20 44	1 37	4 30	0 43	21 20	0 25	13 26	16 50	18 19	18 33	9 7	3 11	2 35
M 8	12 33	17 18	0n16	19 50	1 49	5 49	1 0	20 23	0 41	18 57	1 1	20 44	1 37	4 29	0 43	21 19	0 25	13 25	16 50	18 19	18 34	9 10	3 12	2 34
T 9	12 12	12 30	1 23	19 28	1 53	6 20	1 5	20 30	0 41	18 59	1 1	20 45	1 37	4 27	0 43	21 19	0 25	13 24	16 49	18 19	18 35	9 13	3 13	2 34
W10	11 51	7 16	2 26	19 5	1 56	6 50	1 10	20 37	0 40	19 1	1 1	20 45	1 37	4 26	0 43	21 19	0 25	13 24	16 49	18 20	18 36	9 16	3 14	2 34
T 11	11 30	1 50	3 21	18 41	1 59	7 20	1 16	20 44	0 39	19 3	1 1	20 45	1 37	4 25	0 43	21 18	0 25	13 23	16 49	18 20	18 36	9 19	3 15	2 34
F 12	11 9	3n36	4 6	18 14	2 2	7 50	1 21	20 50	0 38	19 5	1 1	20 45	1 37	4 23	0 43	21 18	0 25	13 22	16 49	18 21	18 37	9 22	3 16	2 34
S 13	10 47	8 52	4 41	17 47	2 4	8 19	1 26	20 57	0 37	19 7	1 1	20 46	1 37	4 22	0 43	21 18	0 25	13 22	16 49	18 22	18 38	9 25	3 17	2 34
S 14	10 26	13 47	5 4	17 18	2 6	8 49	1 32	21 3	0 37	19 8	1 1	20 46	1 38	4 21	0 43	21 18	0 25	13 21	16 48	18 24	18 39	9 28	3 19	2 34
M15	10 4	18 13	5 13	16 47	2 7	9 18	1 37	21 10	0 36	19 10	1 1	20 46	1 38	4 19	0 43	21 17	0 25	13 21	16 48	18 24	18 40	9 31	3 20	2 34
T 16	9 42	21 57	5 9	16 16	2 8	9 47	1 42	21 16	0 35	19 12	1 1	20 47	1 38	4 18	0 43	21 17	0 25	13 20	16 48	18 25	18 40	9 34	3 21	2 33
W17	9 20	24 48	4 52	15 42	2 9	10 16	1 48	21 22	0 34	19 13	1 1	20 47	1 38	4 17	0 43	21 17	0 25	13 19	16 48	18 25	18 41	9 37	3 22	2 33
T 18	8 58	26 33	4 20	15 8	2 9	10 44	1 53	21 28	0 33	19 15	1 1	20 47	1 38	4 15	0 43	21 16	0 25	13 19	16 48	18 26	18 42	9 40	3 23	2 33
F 19	8 35	27 0	3 36	14 31	2 9	11 13	1 59	21 34	0 32	19 17	1 1	20 47	1 38	4 14	0 43	21 16	0 25	13 18	16 48	18 25	18 43	9 43	3 25	2 33
S 20	8 13	26 0	2 40	13 54	2 8	11 41	2 4	21 39	0 31	19 18	1 1	20 47	1 38	4 13	0 43	21 16	0 25	13 17	16 47	18 25	18 44	9 46	3 26	2 33
S 21	7 50	23 30	1 33	13 15	2 7	12 8	2 10	21 45	0 30	19 20	1 1	20 48	1 38	4 11	0 43	21 16	0 25	13 17	16 47	18 24	18 44	9 49	3 27	2 33
M22	7 27	19 34	0 19	12 34	2 5	12 36	2 15	21 50	0 29	19 21	1 1	20 48	1 38	4 10	0 43	21 15	0 25	13 16	16 47	18 24	18 45	9 52	3 28	2 33
T 23	7 4	14 23	0s59	11 53	2 3	13 3	2 21	21 56	0 28	19 23	1 1	20 48	1 38	4 9	0 43	21 15	0 25	13 15	16 47	18 24	18 46	9 55	3 30	2 33
W24	6 42	8 16	2 15	11 9	2 1	13 30	2 26	22 1	0 27	19 24	1 1	20 48	1 39	4 7	0 43	21 15	0 25	13 15	16 47	18 25	18 47	9 58	3 31	2 32
T 25	6 18	1 34	3 22	10 25	1 58	13 56	2 32	22 6	0 26	19 25	1 1	20 48	1 39	4 6	0 43	21 14	0 25	13 14	16 47	18 26	18 48	10 1	3 32	2 32
F 26	5 55	5s15	4 17	9 39	1 54	14 23	2 37	22 11	0 25	19 27	1 1	20 48	1 39	4 5	0 43	21 14	0 25	13 13	16 47	18 27	18 48	10 4	3 33	2 32
S 27	5 32	11 46	4 53	8 51	1 50	14 49	2 43	22 16	0 24	19 28	1 1	20 48	1 39	4 3	0 43	21 14	0 25	13 13	16 46	18 29	18 49	10 7	3 35	2 32
S 28	5s 9	17s31	5s 9	8s 3	1s45	15n14	2n49	22s20	0n23	19n29	1n 1	20s48	1n39	4s 2	0s43	21s14	0n25	13s12	16s46	18s30	18s50	10n10	3n36	2n32

Julian Day Number = 2210158.5, Delta T = 09m25s
Ecliptic obliquity = 23°31'36, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°31'19, Lahiri = 14°38'19 Julian Calendar 1 Feb. 1339 == Greg. Calendar 9 Feb. 1339

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ASTRODIENST EPHEMERIS for the year 1339
geocentric

MARCH 1339 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	11 4 28	18♓ 0'08	18♏ 1	15♓38	4♉ 5	15♐53	7°R17	13♐ 3	21♓35	22♑30	5♈28	7°R16	5♒59	14♈39	3♈16	M 1
T 2	11 8 24	18°59'45	2♐17	17°35	5° 3	16°25	7♎13	13° 4	21°38	22°31	5°29	7♒13	5°56	14°45	3°19	T 2
W 3	11 12 21	19°59'20	16° 7	19°34	6° 0	16°57	7° 9	13° 5	21°42	22°33	5°30	7°D12	5°52	14°52	3°23	W 3
T 4	11 16 17	20°58'53	29°34	21°33	6°57	17°29	7° 5	13° 7	21°45	22°34	5°32	7°12	5°49	14°59	3°26	T 4
F 5	11 20 14	21°58'24	12♑38	23°33	7°53	18° 1	7° 1	13° 8	21°49	22°36	5°33	7°13	5°46	15° 6	3°30	F 5
S 6	11 24 11	22°57'54	25°24	25°33	8°48	18°33	6°57	13° 9	21°52	22°37	5°35	7°15	5°43	15°12	3°33	S 6
S 7	11 28 7	23°57'21	7♒54	27°35	9°43	19° 5	6°54	13° 9	21°56	22°38	5°36	7°R15	5°40	15°19	3°37	S 7
M 8	11 32 4	24°56'47	20°12	29°36	10°37	19°36	6°50	13°10	21°59	22°40	5°38	7°14	5°37	15°26	3°41	M 8
T 9	11 36 0	25°56'11	2♓21	1♈38	11°31	20° 7	6°47	13°11	22° 2	22°41	5°39	7°11	5°33	15°32	3°44	T 9
W10	11 39 57	26°55'32	14°23	3°41	12°24	20°39	6°44	13°11	22° 6	22°42	5°40	7° 6	5°30	15°39	3°48	W10
T 11	11 43 53	27°54'52	26°20	5°42	13°16	21°10	6°41	13°12	22° 9	22°43	5°42	6°58	5°27	15°46	3°51	T 11
F 12	11 47 50	28°54'10	8♈14	7°44	14° 8	21°40	6°38	13°12	22°13	22°45	5°43	6°49	5°24	15°53	3°55	F 12
S 13	11 51 46	29°53'25	20° 6	9°44	14°59	22°11	6°36	13°12	22°16	22°46	5°45	6°38	5°21	15°59	3°59	S 13
S 14	11 55 43	0♈52'39	1♉57	11°43	15°49	22°42	6°34	13°13	22°20	22°47	5°46	6°27	5°17	16° 6	4° 2	S 14
M15	11 59 40	1°51'50	13°50	13°41	16°38	23°12	6°32	13°R13	22°23	22°48	5°48	6°18	5°14	16°13	4° 6	M15
T 16	12 3 36	2°50'59	25°48	15°37	17°27	23°42	6°30	13°13	22°26	22°49	5°49	6°10	5°11	16°19	4°10	T 16
W17	12 7 33	3°50'06	7♊53	17°31	18°14	24°12	6°28	13°12	22°30	22°50	5°50	6° 4	5° 8	16°26	4°13	W17
T 18	12 11 29	4°49'10	20° 9	19°21	19° 1	24°42	6°26	13°12	22°33	22°51	5°52	6° 1	5° 5	16°33	4°17	T 18
F 19	12 15 26	5°48'12	2♋40	21° 9	19°47	25°12	6°25	13°12	22°36	22°52	5°53	5°D59	5° 2	16°40	4°20	F 19
S 20	12 19 22	6°47'12	15°31	22°54	20°32	25°41	6°24	13°11	22°40	22°53	5°55	6° 0	4°58	16°46	4°24	S 20
S 21	12 23 19	7°46'09	28°46	24°34	21°16	26°10	6°23	13°11	22°43	22°54	5°56	6° 0	4°55	16°53	4°28	S 21
M22	12 27 15	8°45'05	12♌28	26°11	21°59	26°40	6°22	13°10	22°47	22°55	5°58	6°R 0	4°52	17° 0	4°31	M22
T 23	12 31 12	9°43'57	26°39	27°43	22°41	27° 8	6°22	13° 9	22°50	22°56	5°59	5°59	4°49	17° 7	4°35	T 23
W24	12 35 9	10°42'48	11♍18	29°10	23°22	27°37	6°21	13° 9	22°53	22°57	6° 1	5°55	4°46	17°13	4°39	W24
T 25	12 39 5	11°41'36	26°20	0♉33	24° 2	28° 6	6°21	13° 8	22°56	22°57	6° 2	5°48	4°43	17°20	4°42	T 25
F 26	12 43 2	12°40'22	11♎36	1°50	24°40	28°34	6°D21	13° 7	23° 0	22°58	6° 3	5°39	4°39	17°27	4°46	F 26
S 27	12 46 58	13°39'06	26°57	3° 2	25°17	29° 2	6°21	13° 6	23° 3	22°59	6° 5	5°30	4°36	17°33	4°49	S 27
S 28	12 50 55	14°37'48	12♏ 9	4° 9	25°53	29°30	6°21	13° 4	23° 6	22°59	6° 6	5°20	4°33	17°40	4°53	S 28
M29	12 54 51	15°36'28	27° 4	5°10	26°28	29°58	6°22	13° 3	23°10	23° 0	6° 8	5°11	4°30	17°47	4°57	M29
T 30	12 58 48	16°35'07	11♐34	6° 6	27° 1	0♑25	6°23	13° 2	23°13	23° 1	6° 9	5° 5	4°27	17°54	5° 0	T 30
W31	13 2 44	17♈33'44	25♐35	6♉55	27♉33	0♑52	6♎24	13♐ 0	23♓16	23♑ 1	6♈11	5♒ 1	4♒23	18♈ 0	5♈ 4	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	4s46	22s 8	5s 5	7s13	1s40	15n39	2n54	22s25	0n22	19n30	1n 1	20s49	1n39	4s 1	0s43	21s13	0n25	13s11	16s46	18s31	18s51	10n12	3n37	2n32
T 2	4 22	25 17	4 41	6 22	1 34	16 4	3 0	22 29	0 21	19 31	1 1	20 49	1 39	3 59	0 43	21 13	0 25	13 11	16 46	18 32	18 52	10 15	3 39	2 32
W 3	3 59	26 48	4 2	5 29	1 27	16 29	3 5	22 34	0 19	19 32	1 1	20 49	1 39	3 58	0 43	21 13	0 25	13 10	16 46	18 32	18 52	10 18	3 40	2 32
T 4	3 35	26 41	3 10	4 36	1 21	16 53	3 11	22 38	0 18	19 33	1 1	20 49	1 39	3 57	0 43	21 13	0 25	13 9	16 46	18 32	18 53	10 21	3 41	2 32
F 5	3 12	25 4	2 9	3 41	1 13	17 16	3 16	22 42	0 17	19 34	1 1	20 49	1 40	3 55	0 43	21 13	0 25	13 9	16 46	18 32	18 54	10 24	3 43	2 32
S 6	2 48	22 11	1 4	2 46	1 5	17 40	3 21	22 46	0 16	19 35	1 1	20 49	1 40	3 54	0 43	21 12	0 25	13 8	16 46	18 32	18 55	10 27	3 44	2 31
S 7	2 25	18 18	0n 3	1 50	0 57	18 3	3 27	22 50	0 15	19 36	1 1	20 49	1 40	3 52	0 43	21 12	0 25	13 8	16 46	18 32	18 55	10 30	3 45	2 31
M 8	2 1	13 42	1 9	0 53	0 47	18 25	3 32	22 54	0 13	19 37	1 1	20 49	1 40	3 51	0 43	21 12	0 25	13 7	16 46	18 32	18 56	10 33	3 47	2 31
T 9	1 37	8 38	2 11	0n 5	0 38	18 47	3 37	22 57	0 12	19 38	1 1	20 49	1 40	3 50	0 43	21 12	0 25	13 6	16 45	18 33	18 57	10 36	3 48	2 31
W10	1 14	3 18	3 6	1 2	0 28	19 9	3 43	23 1	0 11	19 38	1 1	20 49	1 40	3 48	0 43	21 11	0 25	13 6	16 45	18 34	18 58	10 39	3 50	2 31
T 11	0 50	2n 6	3 52	2 0	0 18	19 30	3 48	23 5	0 9	19 39	1 1	20 49	1 40	3 47	0 43	21 11	0 25	13 5	16 45	18 36	18 59	10 42	3 51	2 31
F 12	0 26	7 23	4 28	2 58	0 7	19 51	3 53	23 8	0 8	19 40	1 1	20 49	1 40	3 46	0 43	21 11	0 25	13 4	16 45	18 38	18 59	10 44	3 52	2 31
S 13	0 3	12 23	4 52	3 56	0n 4	20 11	3 58	23 11	0 7	19 40	1 1	20 48	1 40	3 44	0 43	21 11	0 25	13 4	16 45	18 41	19 0	10 47	3 54	2 31
S 14	0n21	16 56	5 4	4 54	0 16	20 31	4 3	23 14	0 5	19 41	1 1	20 48	1 40	3 43	0 43	21 11	0 25	13 3	16 45	18 44	19 1	10 50	3 55	2 31
M15	0 45	20 51	5 2	5 50	0 27	20 50	4 8	23 17	0 4	19 41	1 0	20 48	1 41	3 42	0 43	21 10	0 25	13 3	16 45	18 46	19 2	10 53	3 56	2 31
T 16	1 8	23 56	4 47	6 46	0 39	21 9	4 13	23 20	0 2	19 42	1 0	20 48	1 41	3 40	0 43	21 10	0 25	13 2	16 45	18 48	19 2	10 56	3 58	2 31
W17	1 32	25 58	4 20	7 41	0 51	21 27	4 18	23 23	0 1	19 42	1 0	20 48	1 41	3 39	0 43	21 10	0 25	13 2	16 45	18 49	19 3	10 59	3 59	2 31
T 18	1 55	26 48	3 40	8 34	1 3	21 45	4 23	23 26	0s 1	19 42	1 0	20 48	1 41	3 38	0 43	21 10	0 25	13 1	16 45	18 50	19 4	11 2	4 1	2 31
F 19	2 19	26 18	2 48	9 26	1 14	22 2	4 28	23 29	0 2	19 42	1 0	20 48	1 41	3 36	0 43	21 10	0 25	13 0	16 45	18 51	19 5	11 5	4 2	2 31
S 20	2 42	24 24	1 47	10 16	1 26	22 19	4 32	23 31	0 4	19 43	1 0	20 48	1 41	3 35	0 43	21 10	0 25	13 0	16 45	18 51	19 6	11 7	4 3	2 30
S 21	3 6	21 7	0 39	11 3	1 37	22 35	4 37	23 34	0 6	19 43	1 0	20 47	1 41	3 34	0 43	21 9	0 25	12 59	16 45	18 50	19 6	11 10	4 5	2 30
M22	3 29	16 35	0s34	11 49	1 48	22 51	4 41	23 36	0 7	19 43	1 0	20 47	1 41	3 32	0 43	21 9	0 25	12 59	16 45	18 50	19 7	11 13	4 6	2 30
T 23	3 52	10 59	1 48	12 32	1 58	23 6	4 45	23 39	0 9	19 43	1 0	20 47	1 41	3 31	0 43	21 9	0 25	12 58	16 45	18 51	19 8	11 16	4 8	2 30
W24	4 15	4 38	2 56	13 12	2 8	23 21	4 49	23 41	0 11	19 43	1 0	20 47	1 41	3 30	0 43	21 9	0 25	12 58	16 45	18 52	19 9	11 19	4 9	2 30
T 25	4 38	2s 7	3 54	13 50	2 17	23 35	4 53	23 43	0 12	19 43	1 0	20 47	1 42	3 28	0 43	21 9	0 25	12 57	16 45	18 53	19 9	11 22	4 10	2 30
F 26	5 1	8 50	4 36	14 25	2 25	23 48	4 57	23 45	0 14	19 43	1 0	20 46	1 42	3 27	0 43	21 9	0 25	12 57	16 45	18 56	19 10	11 24	4 12	2 30
S 27	5 24	15 4	4 59	14 58	2 33	24 1	5 1	23 47	0 16	19 43	0 59	20 46	1 42	3 26	0 43	21 9	0 25	12 56	16 45	18 58	19 11	11 27	4 13	2 30
S 28	5 47	20 18	5 0	15 27	2 40	24 13	5 4	23 49	0 18	19 43	0 59	20 46	1 42	3 25	0 43	21 9	0 25	12 56	16 45	19 0	19 12	11 30	4 14	2 30
M29	6 10	24 8	4 41	15 53	2 46	24 25	5 8	23 51	0 20	19 42	0 59	20 46	1 42	3 23	0 43	21 8	0 25	12 55	16 45	19 2	19 12	11 33	4 16	2 30
T 30	6 33	26 16	4 4	16 17	2 50	24 36	5 11	23 53	0 21	19 42	0 59	20 46	1 42	3 22	0 43	21 8	0 25	12 55	16 45	19 4	19 13	11 36	4 17	2 30
W31	6n55	26s40	3s13	16n37	2n54	24n47	5n14	23s55	0s23	19n42	0n59	20s45	1n42	3s21	0s43	21s 8	0n25	12s54	16s46	19s 5	19s14	11n39	4n19	2n30

Julian Day Number = 2210186.5, Delta T = 09m25s
Ecliptic obliquity = 23°31'36, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°31'23, Lahiri = 14°38'23 Julian Calendar 1 March 1339 == Greg. Calendar 9 March 1339

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ASTRODIENST EPHEMERIS for the year 1339
geocentric

APRIL 1339 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	13 6 41	18♈32'19	9♑ 7	7♉39	28♉ 4	1♑19	6♌25	12°R59	23♓19	23♑ 2	6♈12	4°R59	4♒20	18♈ 7	5♈ 7	T 1
F 2	13 10 38	19°30'53	22°12	8°17	28°32	1°46	6°26	12♐57	23°22	23° 2	6°13	4°D58	4°17	18°14	5°11	F 2
S 3	13 14 34	20°29'24	4♒55	8°48	29° 0	2°12	6°27	12°55	23°25	23° 3	6°15	4°R59	4°14	18°20	5°14	S 3
S 4	13 18 31	21°27'55	17°19	9°14	29°25	2°38	6°29	12°53	23°29	23° 3	6°16	4♒58	4°11	18°27	5°18	S 4
M 5	13 22 27	22°26'23	29°29	9°34	29°49	3° 4	6°31	12°51	23°32	23° 4	6°18	4°56	4° 8	18°34	5°21	M 5
T 6	13 26 24	23°24'50	11♓30	9°48	0♊11	3°30	6°33	12°49	23°35	23° 4	6°19	4°51	4° 4	18°41	5°25	T 6
W 7	13 30 20	24°23'15	23°24	9°56	0°32	3°55	6°35	12°47	23°38	23° 5	6°20	4°43	4° 1	18°47	5°28	W 7
T 8	13 34 17	25°21'38	5♈16	9°R58	0°50	4°20	6°37	12°45	23°41	23° 5	6°22	4°33	3°58	18°54	5°32	T 8
F 9	13 38 13	26°19'59	17° 7	9°55	1° 7	4°45	6°40	12°43	23°44	23° 5	6°23	4°20	3°55	19° 1	5°35	F 9
S 10	13 42 10	27°18'19	28°59	9°46	1°21	5° 9	6°43	12°40	23°47	23° 6	6°24	4° 6	3°52	19° 7	5°39	S 10
S 11	13 46 6	28°16'37	10♉54	9°33	1°34	5°33	6°45	12°38	23°50	23° 6	6°26	3°52	3°48	19°14	5°42	S 11
M12	13 50 3	29°14'53	22°51	9°14	1°44	5°57	6°49	12°35	23°53	23° 6	6°27	3°39	3°45	19°21	5°46	M12
T 13	13 54 0	0♉13'07	4♊55	8°52	1°52	6°20	6°52	12°33	23°56	23° 6	6°29	3°27	3°42	19°28	5°49	T 13
W14	13 57 56	1°11'19	17° 5	8°25	1°58	6°43	6°55	12°30	23°59	23° 6	6°30	3°19	3°39	19°34	5°52	W14
T 15	14 1 53	2° 9'30	29°25	7°55	2° 2	7° 6	6°59	12°27	24° 2	23° 6	6°31	3°13	3°36	19°41	5°56	T 15
F 16	14 5 49	3° 7'38	11♋58	7°22	2°R 3	7°29	7° 3	12°25	24° 4	23° 6	6°33	3°10	3°33	19°48	5°59	F 16
S 17	14 9 46	4° 5'44	24°48	6°47	2° 2	7°51	7° 6	12°22	24° 7	23° 7	6°34	3°10	3°29	19°54	6° 2	S 17
S 18	14 13 42	5° 3'49	7♌58	6°11	1°59	8°12	7°11	12°19	24°10	23°R 7	6°35	3° 9	3°26	20° 1	6° 6	S 18
M19	14 17 39	6° 1'51	21°32	5°34	1°53	8°33	7°15	12°16	24°13	23° 6	6°36	3° 9	3°23	20° 8	6° 9	M19
T 20	14 21 35	6°59'51	5♍33	4°56	1°44	8°54	7°19	12°12	24°16	23° 6	6°38	3° 7	3°20	20°15	6°12	T 20
W21	14 25 32	7°57'50	20° 0	4°19	1°34	9°15	7°24	12° 9	24°18	23° 6	6°39	3° 3	3°17	20°21	6°15	W21
T 22	14 29 29	8°55'46	4♎50	3°43	1°20	9°35	7°29	12° 6	24°21	23° 6	6°40	2°56	3°14	20°28	6°19	T 22
F 23	14 33 25	9°53'41	19°58	3° 9	1° 5	9°54	7°33	12° 3	24°24	23° 6	6°41	2°47	3°10	20°35	6°22	F 23
S 24	14 37 22	10°51'34	5♏14	2°37	0°46	10°14	7°38	11°59	24°26	23° 6	6°43	2°36	3° 7	20°41	6°25	S 24
S 25	14 41 18	11°49'25	20°27	2° 8	0°26	10°32	7°44	11°56	24°29	23° 6	6°44	2°25	3° 4	20°48	6°28	S 25
M26	14 45 15	12°47'16	5♐27	1°42	0° 3	10°51	7°49	11°52	24°31	23° 5	6°45	2°16	3° 1	20°55	6°31	M26
T 27	14 49 11	13°45'04	20° 4	1°20	29♉38	11° 9	7°54	11°49	24°34	23° 5	6°46	2° 8	2°58	21° 2	6°34	T 27
W28	14 53 8	14°42'52	4♑12	1° 2	29°12	11°26	8° 0	11°45	24°36	23° 5	6°48	2° 3	2°54	21° 8	6°37	W28
T 29	14 57 4	15°40'38	17°52	0°47	28°43	11°43	8° 6	11°41	24°39	23° 4	6°49	2° 1	2°51	21°15	6°40	T 29
F 30	15 1 1	16♉38'23	1♒ 2	0♉37	28♉12	12♑ 0	8♌12	11♐38	24♓41	23♑ 4	6♈50	2°D 0	2♒48	21♈22	6♈43	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	7n17	25s25	2s13	16n54	2n57	24n56	5n17	23s57	0s25	19n41	0n59	20s45	1n42	3s19	0s43	21s 8	0n25	12s54	16s46	19s 5	19s15	11n41	4n20	2n30
F 2	7 40	22 48	1 7	17 8	2 59	25 6	5 19	23 58	0 27	19 41	0 59	20 45	1 42	3 18	0 43	21 8	0 25	12 53	16 46	19 6	19 15	11 44	4 21	2 30
S 3	8 2	19 7	0 0	17 19	3 0	25 14	5 22	24 0	0 29	19 41	0 59	20 44	1 42	3 17	0 43	21 8	0 25	12 53	16 46	19 5	19 16	11 47	4 23	2 30
S 4	8 24	14 40	1n 5	17 27	2 59	25 22	5 24	24 1	0 31	19 40	0 59	20 44	1 42	3 16	0 43	21 8	0 25	12 52	16 46	19 6	19 17	11 50	4 24	2 30
M 5	8 46	9 44	2 6	17 31	2 57	25 29	5 26	24 3	0 34	19 40	0 59	20 44	1 42	3 15	0 43	21 8	0 25	12 52	16 46	19 6	19 18	11 53	4 26	2 30
T 6	9 8	4 30	3 0	17 33	2 54	25 35	5 27	24 5	0 36	19 39	0 59	20 43	1 43	3 13	0 43	21 8	0 25	12 51	16 46	19 7	19 18	11 56	4 27	2 30
W 7	9 29	0n50	3 46	17 31	2 49	25 41	5 29	24 6	0 38	19 38	0 58	20 43	1 43	3 12	0 43	21 8	0 25	12 51	16 46	19 9	19 19	11 58	4 28	2 30
T 8	9 51	6 6	4 22	17 27	2 44	25 46	5 30	24 7	0 40	19 38	0 58	20 43	1 43	3 11	0 43	21 8	0 25	12 50	16 46	19 12	19 20	12 1	4 30	2 30
F 9	10 12	11 9	4 46	17 19	2 36	25 50	5 30	24 9	0 42	19 37	0 58	20 42	1 43	3 10	0 43	21 8	0 25	12 50	16 46	19 15	19 21	12 4	4 31	2 30
S 10	10 33	15 48	4 58	17 8	2 28	25 54	5 31	24 10	0 45	19 36	0 58	20 42	1 43	3 9	0 43	21 7	0 25	12 49	16 46	19 18	19 21	12 7	4 32	2 30
S 11	10 54	19 51	4 57	16 54	2 18	25 57	5 31	24 12	0 47	19 35	0 58	20 42	1 43	3 7	0 43	21 7	0 25	12 49	16 47	19 21	19 22	12 10	4 34	2 30
M12	11 15	23 7	4 43	16 38	2 7	25 58	5 30	24 13	0 49	19 34	0 58	20 41	1 43	3 6	0 44	21 7	0 25	12 49	16 47	19 25	19 23	12 12	4 35	2 30
T 13	11 35	25 23	4 16	16 19	1 55	25 59	5 30	24 14	0 52	19 34	0 58	20 41	1 43	3 5	0 44	21 7	0 25	12 48	16 47	19 27	19 24	12 15	4 36	2 30
W14	11 56	26 30	3 37	15 58	1 42	25 59	5 28	24 16	0 54	19 33	0 58	20 40	1 43	3 4	0 44	21 7	0 25	12 48	16 47	19 29	19 24	12 18	4 38	2 30
T 15	12 16	26 19	2 48	15 35	1 28	25 59	5 27	24 17	0 57	19 32	0 58	20 40	1 43	3 3	0 44	21 7	0 25	12 47	16 47	19 30	19 25	12 21	4 39	2 30
F 16	12 36	24 48	1 49	15 10	1 12	25 57	5 25	24 18	1 0	19 31	0 58	20 40	1 43	3 2	0 44	21 7	0 25	12 47	16 47	19 31	19 26	12 23	4 40	2 30
S 17	12 56	21 58	0 44	14 43	0 56	25 54	5 22	24 20	1 2	19 29	0 58	20 39	1 43	3 1	0 44	21 7	0 25	12 47	16 47	19 31	19 27	12 26	4 42	2 30
S 18	13 15	17 56	0s25	14 16	0 40	25 51	5 19	24 21	1 5	19 28	0 57	20 39	1 43	3 0	0 44	21 7	0 25	12 46	16 48	19 31	19 27	12 29	4 43	2 30
M19	13 35	12 52	1 35	13 47	0 23	25 46	5 16	24 22	1 8	19 27	0 57	20 38	1 43	2 58	0 44	21 7	0 25	12 46	16 48	19 31	19 28	12 32	4 44	2 30
T 20	13 54	7 0	2 42	13 18	0 6	25 40	5 12	24 24	1 10	19 26	0 57	20 38	1 43	2 57	0 44	21 7	0 25	12 46	16 48	19 32	19 29	12 34	4 46	2 30
W21	14 13	0 36	3 40	12 50	0s12	25 33	5 7	24 25	1 13	19 25	0 57	20 37	1 43	2 56	0 44	21 7	0 25	12 45	16 48	19 33	19 30	12 37	4 47	2 30
T 22	14 32	5s59	4 25	12 21	0 29	25 26	5 2	24 26	1 16	19 23	0 57	20 37	1 43	2 55	0 44	21 7	0 25	12 45	16 48	19 35	19 30	12 40	4 48	2 30
F 23	14 50	12 21	4 53	11 53	0 46	25 17	4 56	24 28	1 19	19 22	0 57	20 36	1 43	2 54	0 44	21 7	0 25	12 45	16 49	19 37	19 31	12 43	4 49	2 30
S 24	15 8	18 1	5 0	11 27	1 3	25 6	4 50	24 29	1 22	19 21	0 57	20 36	1 44	2 53	0 44	21 7	0 25	12 44	16 49	19 39	19 32	12 45	4 51	2 30
S 25	15 26	22 31	4 46	11 2	1 19	24 55	4 43	24 31	1 25	19 19	0 57	20 35	1 44	2 52	0 44	21 7	0 25	12 44	16 49	19 41	19 33	12 48	4 52	2 30
M26	15 44	25 25	4 12	10 38	1 34	24 43	4 35	24 32	1 28	19 18	0 57	20 35	1 44	2 51	0 44	21 7	0 25	12 44	16 49	19 44	19 33	12 51	4 53	2 30
T 27	16 1	26 31	3 22	10 17	1 49	24 30	4 27	24 34	1 31	19 16	0 57	20 34	1 44	2 50	0 44	21 7	0 25	12 44	16 49	19 45	19 34	12 54	4 54	2 30
W28	16 19	25 49	2 21	9 57	2 3	24 15	4 18	24 36	1 34	19 15	0 57	20 34	1 44	2 49	0 44	21 8	0 25	12 43	16 50	19 46	19 35	12 56	4 56	2 30
T 29	16 36	23 33	1 14	9 40	2 16	23 59	4 9	24 37	1 37	19 13	0 56	20 33	1 44	2 48	0 44	21 8	0 25	12 43	16 50	19 47	19 36	12 59	4 57	2 30
F 30	16n52	20s 5	0s 5	9n25	2s28	23n43	3n59	24s39	1s41	19n11	0n56	20s33	1n44	2s47	0s44	21s 8	0n25	12s43	16s50	19s47	19s36	13n 2	4n58	2n30

Julian Day Number = 2210217.5, Delta T = 09m25s
Ecliptic obliquity = 23°31'36, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°31'27, Lahiri = 14°38'28 Julian Calendar 1 Apr. 1339 == Greg. Calendar 9 Apr. 1339

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ASTRODIENST EPHEMERIS for the year 1339
geocentric

MAY 1339 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	15 4 58	17♉36'07	13♒48	0°R32	27°R40	12♑15	8♌18	11°R34	24♓44	23°R 4	6♈51	2°R 0	2♒45	21♈29	6♈46	S 1
S 2	15 8 54	18°33'50	26°13	0°D31	27♉ 6	12°31	8°24	11♐30	24°46	23♑ 3	6°52	2♒ 0	2°42	21°35	6°49	S 2
M 3	15 12 51	19°31'31	8♓23	0♉34	26°31	12°46	8°31	11°26	24°48	23° 3	6°53	1°59	2°39	21°42	6°52	M 3
T 4	15 16 47	20°29'12	20°22	0°42	25°55	13° 0	8°37	11°22	24°51	23° 2	6°54	1°55	2°35	21°49	6°55	T 4
W 5	15 20 44	21°26'51	2♈14	0°55	25°19	13°14	8°44	11°18	24°53	23° 2	6°55	1°49	2°32	21°55	6°57	W 5
T 6	15 24 40	22°24'29	14° 5	1°12	24°41	13°27	8°51	11°14	24°55	23° 1	6°57	1°40	2°29	22° 2	7° 0	T 6
F 7	15 28 37	23°22'07	25°56	1°33	24° 4	13°40	8°57	11°10	24°57	23° 1	6°58	1°29	2°26	22° 9	7° 3	F 7
S 8	15 32 33	24°19'43	7♉51	1°59	23°26	13°52	9° 5	11° 6	24°59	23° 0	6°59	1°17	2°23	22°16	7° 6	S 8
S 9	15 36 30	25°17'18	19°51	2°29	22°49	14° 3	9°12	11° 2	25° 1	22°59	7° 0	1° 5	2°20	22°22	7° 8	S 9
M10	15 40 27	26°14'52	1♊57	3° 3	22°11	14°14	9°19	10°58	25° 3	22°59	7° 1	0°53	2°16	22°29	7°11	M10
T 11	15 44 23	27°12'24	14°10	3°41	21°35	14°24	9°26	10°53	25° 5	22°58	7° 2	0°43	2°13	22°36	7°14	T 11
W12	15 48 20	28° 9'56	26°32	4°23	20°59	14°34	9°34	10°49	25° 7	22°57	7° 3	0°36	2°10	22°42	7°16	W12
T 13	15 52 16	29° 7'26	9♋ 4	5° 9	20°25	14°43	9°42	10°45	25° 9	22°56	7° 4	0°32	2° 7	22°49	7°19	T 13
F 14	15 56 13	0♊ 4'56	21°47	5°58	19°51	14°51	9°50	10°41	25°11	22°56	7° 5	0°30	2° 4	22°56	7°21	F 14
S 15	16 0 9	1° 2'23	4♌45	6°51	19°19	14°59	9°58	10°36	25°13	22°55	7° 6	0°D29	2° 0	23° 3	7°24	S 15
S 16	16 4 6	1°59'50	17°59	7°48	18°49	15° 6	10° 6	10°32	25°15	22°54	7° 7	0°30	1°57	23° 9	7°26	S 16
M17	16 8 2	2°57'15	1♍32	8°48	18°21	15°12	10°14	10°28	25°17	22°53	7° 7	0°R30	1°54	23°16	7°29	M17
T 18	16 11 59	3°54'39	15°25	9°51	17°54	15°18	10°22	10°23	25°18	22°52	7° 8	0°30	1°51	23°23	7°31	T 18
W19	16 15 56	4°52'02	29°40	10°57	17°29	15°22	10°31	10°19	25°20	22°51	7° 9	0°27	1°48	23°30	7°33	W19
T 20	16 19 52	5°49'23	14♎13	12° 7	17° 7	15°27	10°39	10°14	25°22	22°50	7°10	0°23	1°45	23°36	7°35	T 20
F 21	16 23 49	6°46'44	29° 2	13°20	16°47	15°30	10°48	10°10	25°23	22°49	7°11	0°17	1°41	23°43	7°38	F 21
S 22	16 27 45	7°44'03	13♏59	14°35	16°29	15°33	10°56	10° 6	25°25	22°48	7°12	0° 9	1°38	23°50	7°40	S 22
S 23	16 31 42	8°41'22	28°56	15°54	16°13	15°35	11° 5	10° 1	25°26	22°47	7°12	0° 1	1°35	23°56	7°42	S 23
M24	16 35 38	9°38'40	13♐44	17°16	16° 0	15°36	11°14	9°57	25°28	22°46	7°13	29♑54	1°32	24° 3	7°44	M24
T 25	16 39 35	10°35'57	28°14	18°41	15°50	15°R37	11°23	9°52	25°29	22°45	7°14	29°49	1°29	24°10	7°46	T 25
W26	16 43 32	11°33'14	12♑21	20° 9	15°41	15°37	11°33	9°48	25°31	22°44	7°15	29°46	1°26	24°17	7°48	W26
T 27	16 47 28	12°30'30	26° 1	21°39	15°36	15°36	11°42	9°44	25°32	22°43	7°15	29°D44	1°22	24°23	7°50	T 27
F 28	16 51 25	13°27'45	9♒16	23°13	15°32	15°34	11°51	9°39	25°33	22°42	7°16	29°45	1°19	24°30	7°52	F 28
S 29	16 55 21	14°25'00	22° 5	24°49	15°D31	15°32	12° 1	9°35	25°34	22°41	7°17	29°46	1°16	24°37	7°54	S 29
S 30	16 59 18	15°22'15	4♓34	26°29	15°32	15°28	12°10	9°30	25°36	22°39	7°18	29°47	1°13	24°44	7°56	S 30
M31	17 3 14	16♊19'29	16♓47	28♉11	15♉36	15♑24	12♌20	9♐26	25♓37	22♑38	7♈18	29°R48	1♒10	24♈50	7♈58	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17n 9	15s45	1n 2	9n12	2s40	23n25	3n49	24s41	1s44	19n10	0n56	20s32	1n44	2s46	0s44	21s 8	0n25	12s43	16s50	19s47	19s37	13n 5	4n59	2n30
S 2	17 25	10 52	2 5	9 3	2 50	23 6	3 37	24 43	1 47	19 8	0 56	20 32	1 44	2 46	0 44	21 8	0 25	12 42	16 50	19 47	19 38	13 7	5 0	2 30
M 3	17 41	5 40	3 0	8 55	2 59	22 47	3 26	24 45	1 51	19 6	0 56	20 31	1 44	2 45	0 44	21 8	0 25	12 42	16 51	19 47	19 38	13 10	5 2	2 30
T 4	17 56	0 22	3 47	8 50	3 7	22 27	3 14	24 47	1 54	19 4	0 56	20 31	1 44	2 44	0 44	21 8	0 25	12 42	16 51	19 48	19 39	13 13	5 3	2 30
W 5	18 11	4n55	4 23	8 48	3 14	22 6	3 1	24 49	1 58	19 3	0 56	20 30	1 44	2 43	0 44	21 8	0 25	12 42	16 51	19 50	19 40	13 15	5 4	2 30
T 6	18 26	9 59	4 48	8 48	3 20	21 44	2 48	24 51	2 1	19 1	0 56	20 30	1 44	2 42	0 44	21 8	0 25	12 42	16 51	19 52	19 41	13 18	5 5	2 30
F 7	18 41	14 43	5 0	8 51	3 25	21 22	2 35	24 53	2 5	18 59	0 56	20 29	1 44	2 41	0 44	21 8	0 25	12 41	16 52	19 54	19 41	13 21	5 6	2 30
S 8	18 55	18 54	5 0	8 56	3 29	20 59	2 22	24 56	2 8	18 57	0 56	20 29	1 44	2 40	0 44	21 8	0 25	12 41	16 52	19 57	19 42	13 23	5 7	2 30
S 9	19 9	22 21	4 46	9 3	3 32	20 36	2 8	24 58	2 12	18 55	0 56	20 28	1 44	2 40	0 44	21 8	0 26	12 41	16 52	19 59	19 43	13 26	5 8	2 30
M10	19 23	24 51	4 19	9 13	3 35	20 13	1 54	25 1	2 16	18 53	0 56	20 28	1 44	2 39	0 44	21 9	0 26	12 41	16 52	20 2	19 44	13 29	5 9	2 30
T 11	19 36	26 14	3 40	9 24	3 36	19 50	1 40	25 4	2 20	18 51	0 56	20 27	1 44	2 38	0 44	21 9	0 26	12 41	16 53	20 4	19 44	13 31	5 11	2 30
W12	19 49	26 19	2 51	9 38	3 36	19 26	1 25	25 6	2 24	18 49	0 55	20 26	1 44	2 37	0 44	21 9	0 26	12 41	16 53	20 6	19 45	13 34	5 12	2 30
T 13	20 2	25 4	1 52	9 54	3 36	19 3	1 11	25 9	2 28	18 47	0 55	20 26	1 44	2 37	0 44	21 9	0 26	12 40	16 53	20 7	19 46	13 37	5 13	2 30
F 14	20 14	22 31	0 46	10 11	3 35	18 41	0 57	25 12	2 32	18 44	0 55	20 25	1 44	2 36	0 44	21 9	0 26	12 40	16 54	20 7	19 46	13 39	5 14	2 30
S 15	20 27	18 47	0s23	10 30	3 33	18 18	0 43	25 16	2 36	18 42	0 55	20 25	1 43	2 35	0 44	21 9	0 26	12 40	16 54	20 7	19 47	13 42	5 15	2 30
S 16	20 38	14 2	1 32	10 51	3 30	17 57	0 29	25 19	2 40	18 40	0 55	20 24	1 43	2 34	0 44	21 9	0 26	12 40	16 54	20 7	19 48	13 45	5 16	2 30
M17	20 50	8 30	2 38	11 13	3 26	17 36	0 15	25 22	2 44	18 38	0 55	20 24	1 43	2 34	0 44	21 9	0 26	12 40	16 54	20 7	19 49	13 47	5 17	2 30
T 18	21 0	2 26	3 36	11 37	3 22	17 15	0 1	25 26	2 48	18 35	0 55	20 23	1 43	2 33	0 44	21 10	0 26	12 40	16 55	20 7	19 49	13 50	5 18	2 30
W19	21 11	3s53	4 23	12 2	3 17	16 55	0s12	25 29	2 52	18 33	0 55	20 22	1 43	2 32	0 44	21 10	0 26	12 40	16 55	20 8	19 50	13 53	5 19	2 30
T 20	21 21	10 8	4 54	12 29	3 12	16 37	0 25	25 33	2 57	18 31	0 55	20 22	1 43	2 32	0 45	21 10	0 26	12 40	16 55	20 9	19 51	13 55	5 20	2 31
F 21	21 31	15 56	5 6	12 56	3 6	16 19	0 37	25 37	3 1	18 28	0 55	20 21	1 43	2 31	0 45	21 10	0 26	12 40	16 56	20 10	19 51	13 58	5 20	2 31
S 22	21 41	20 49	4 57	13 25	2 59	16 2	0 50	25 41	3 5	18 26	0 55	20 21	1 43	2 31	0 45	21 10	0 26	12 40	16 56	20 12	19 52	14 1	5 21	2 31
S 23	21 50	24 21	4 28	13 55	2 52	15 46	1 2	25 45	3 10	18 23	0 55	20 20	1 43	2 30	0 45	21 10	0 25	12 40	16 56	20 13	19 53	14 3	5 22	2 31
M24	21 59	26 12	3 41	14 26	2 44	15 31	1 13	25 49	3 14	18 21	0 55	20 19	1 43	2 30	0 45	21 11	0 25	12 40	16 57	20 15	19 53	14 6	5 23	2 31
T 25	22 7	26 12	2 41	14 57	2 36	15 18	1 24	25 54	3 18	18 18	0 55	20 19	1 43	2 29	0 45	21 11	0 25	12 40	16 57	20 16	19 54	14 9	5 24	2 31
W26	22 15	24 29	1 32	15 29	2 27	15 5	1 35	25 58	3 23	18 15	0 55	20 18	1 43	2 28	0 45	21 11	0 25	12 40	16 57	20 16	19 55	14 11	5 25	2 31
T 27	22 23	21 21	0 20	16 2	2 18	14 54	1 45	26 3	3 27	18 13	0 54	20 18	1 43	2 28	0 45	21 11	0 25	12 40	16 58	20 17	19 56	14 14	5 26	2 31
F 28	22 30	17 11	0n51	16 35	2 8	14 43	1 55	26 7	3 32	18 10	0 54	20 17	1 43	2 27	0 45	21 11	0 25	12 40	16 58	20 17	19 56	14 16	5 27	2 31
S 29	22 37	12 20	1 58	17 8	1 58	14 34	2 4	26 12	3 36	18 7	0 54	20 17	1 43	2 27	0 45	21 12	0 25	12 40	16 58	20 16	19 57	14 19	5 27	2 31
S 30	22 43	7 7	2 57	17 42	1 48	14 26	2 13	26 17	3 41	18 5	0 54	20 16	1 43	2 27	0 45	21 12	0 25	12 40	16 59	20 16	19 58	14 22	5 28	2 31
M31	22n49	1s46	3n47	18n15	1s37	14n19	2s22	26s22	3s45	18n 2	0n54	20s15	1n42	2s26	0s45	21s12	0n25	12s40	16s59	20s16	19s58	14n24	5n29	2n31

Julian Day Number = 2210247.5, Delta T = 09m25s
Ecliptic obliquity = 23°31'35, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°31'31, Lahiri = 14°38'32 Julian Calendar 1 May 1339 == Greg. Calendar 9 May 1339

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ASTRODIENST EPHEMERIS for the year 1339
geocentric

JUNE 1339 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	17 7 11	17♊16'44	28♓47	29♉56	15♉42	15°R20	12♌30	9°R22	25♓38	22°R37	7♈19	29°R47	1♒ 6	24♈57	7♈59	T 1
W 2	17 11 7	18°13'58	10♈41	1♊44	15°50	15♑14	12°40	9♐17	25°39	22♑36	7°19	29♑44	1° 3	25° 4	8° 1	W 2
T 3	17 15 4	19°11'11	22°33	3°34	16° 0	15° 8	12°49	9°13	25°40	22°34	7°20	29°40	1° 0	25°10	8° 3	T 3
F 4	17 19 1	20° 8'25	4♉27	5°27	16°12	15° 1	13° 0	9° 9	25°41	22°33	7°21	29°35	0°57	25°17	8° 4	F 4
S 5	17 22 57	21° 5'38	16°25	7°22	16°26	14°53	13°10	9° 4	25°42	22°32	7°21	29°28	0°54	25°24	8° 6	S 5
S 6	17 26 54	22° 2'52	28°31	9°20	16°42	14°45	13°20	9° 0	25°43	22°30	7°22	29°21	0°51	25°31	8° 7	S 6
M 7	17 30 50	23° 0'05	10♊47	11°21	17° 0	14°36	13°30	8°56	25°44	22°29	7°22	29°15	0°47	25°37	8° 9	M 7
T 8	17 34 47	23°57'18	23°13	13°23	17°20	14°26	13°41	8°52	25°44	22°28	7°23	29°10	0°44	25°44	8°10	T 8
W 9	17 38 43	24°54'30	5♋51	15°27	17°42	14°16	13°51	8°48	25°45	22°26	7°23	29° 6	0°41	25°51	8°11	W 9
T 10	17 42 40	25°51'43	18°41	17°33	18° 5	14° 5	14° 2	8°43	25°46	22°25	7°24	29° 4	0°38	25°57	8°13	T 10
F 11	17 46 36	26°48'55	1♌43	19°40	18°30	13°53	14°12	8°39	25°46	22°24	7°24	29°D 4	0°35	26° 4	8°14	F 11
S 12	17 50 33	27°46'06	14°58	21°49	18°57	13°41	14°23	8°35	25°47	22°22	7°24	29° 4	0°32	26°11	8°15	S 12
S 13	17 54 30	28°43'18	28°27	23°59	19°25	13°28	14°34	8°31	25°47	22°21	7°25	29° 6	0°28	26°18	8°16	S 13
M14	17 58 26	29°40'28	12♍ 8	26° 9	19°55	13°14	14°45	8°27	25°48	22°19	7°25	29° 7	0°25	26°24	8°17	M14
T 15	18 2 23	0♋37'39	26° 4	28°19	20°26	13° 0	14°56	8°23	25°48	22°18	7°25	29°R 8	0°22	26°31	8°19	T 15
W16	18 6 19	1°34'49	10♎12	0♋30	20°58	12°46	15° 7	8°19	25°49	22°16	7°26	29° 8	0°19	26°38	8°20	W16
T 17	18 10 16	2°31'59	24°32	2°40	21°32	12°31	15°18	8°16	25°49	22°15	7°26	29° 6	0°16	26°45	8°20	T 17
F 18	18 14 12	3°29'09	9♏ 1	4°50	22° 7	12°16	15°29	8°12	25°49	22°13	7°26	29° 4	0°12	26°51	8°21	F 18
S 19	18 18 9	4°26'18	23°33	6°59	22°43	12° 0	15°40	8° 8	25°50	22°12	7°27	29° 1	0° 9	26°58	8°22	S 19
S 20	18 22 5	5°23'28	8♐ 4	9° 7	23°20	11°44	15°51	8° 4	25°50	22°10	7°27	28°58	0° 6	27° 5	8°23	S 20
M21	18 26 2	6°20'37	22°28	11°15	23°59	11°28	16° 3	8° 1	25°50	22° 9	7°27	28°55	0° 3	27°11	8°24	M21
T 22	18 29 59	7°17'47	6♑38	13°21	24°38	11°12	16°14	7°57	25°50	22° 7	7°27	28°53	29♑59	27°18	8°24	T 22
W23	18 33 55	8°14'57	20°31	15°25	25°19	10°55	16°25	7°54	25°R50	22° 6	7°27	28°52	29°57	27°25	8°25	W23
T 24	18 37 52	9°12'07	4♒ 3	17°28	26° 1	10°38	16°37	7°50	25°50	22° 4	7°28	28°D52	29°53	27°32	8°26	T 24
F 25	18 41 48	10° 9'17	17°13	19°29	26°44	10°21	16°49	7°47	25°50	22° 2	7°28	28°52	29°50	27°38	8°26	F 25
S 26	18 45 45	11° 6'28	0♓ 3	21°29	27°27	10° 4	17° 0	7°44	25°50	22° 1	7°28	28°53	29°47	27°45	8°27	S 26
S 27	18 49 41	12° 3'39	12°33	23°27	28°12	9°47	17°12	7°40	25°50	21°59	7°28	28°55	29°44	27°52	8°27	S 27
M28	18 53 38	13° 0'51	24°48	25°23	28°57	9°30	17°24	7°37	25°50	21°58	7°28	28°56	29°41	27°59	8°27	M28
T 29	18 57 34	13°58'04	6♈51	27°18	29°43	9°13	17°36	7°34	25°49	21°56	7°28	28°57	29°38	28° 5	8°28	T 29
W30	19 1 31	14♋55'17	18♈46	29♋11	0♊30	8♑56	17♌47	7♐31	25♓49	21♑54	7°R28	28°R57	29♑34	28♈12	8♈28	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n55	3n34	4n26	18n48	1s26	14n13	2s30	26s27	3s50	17n59	0n54	20s15	1n42	2s26	0s45	21s12	0n25	12s40	16s59	20s16	19s59	14n27	5n30	2n31
W 2	23 0	8 44	4 53	19 22	1 15	14 8	2 37	26 32	3 55	17 56	0 54	20 14	1 42	2 25	0 45	21 12	0 25	12 40	17 0	20 17	20 0	14 29	5 30	2 31
T 3	23 5	13 33	5 7	19 54	1 4	14 3	2 45	26 37	3 59	17 53	0 54	20 14	1 42	2 25	0 45	21 13	0 25	12 40	17 0	20 18	20 0	14 32	5 31	2 31
F 4	23 10	17 53	5 8	20 26	0 52	14 0	2 51	26 43	4 4	17 50	0 54	20 13	1 42	2 25	0 45	21 13	0 25	12 40	17 0	20 19	20 1	14 34	5 32	2 31
S 5	23 14	21 32	4 56	20 57	0 41	13 58	2 58	26 48	4 8	17 47	0 54	20 13	1 42	2 24	0 45	21 13	0 25	12 40	17 1	20 20	20 2	14 37	5 32	2 31
S 6	23 17	24 18	4 31	21 27	0 29	13 57	3 4	26 54	4 13	17 44	0 54	20 12	1 42	2 24	0 45	21 13	0 25	12 40	17 1	20 22	20 3	14 40	5 33	2 32
M 7	23 20	25 59	3 52	21 56	0 18	13 57	3 10	26 59	4 17	17 41	0 54	20 12	1 42	2 24	0 45	21 13	0 25	12 41	17 1	20 23	20 3	14 42	5 34	2 32
T 8	23 23	26 24	3 3	22 23	0 6	13 57	3 15	27 5	4 22	17 38	0 54	20 11	1 42	2 23	0 45	21 14	0 25	12 41	17 2	20 24	20 4	14 45	5 34	2 32
W 9	23 26	25 27	2 3	22 48	0n 5	13 58	3 20	27 10	4 26	17 35	0 54	20 11	1 42	2 23	0 45	21 14	0 25	12 41	17 2	20 25	20 5	14 47	5 35	2 32
T 10	23 28	23 9	0 56	23 12	0 16	14 0	3 24	27 16	4 30	17 32	0 54	20 10	1 41	2 23	0 45	21 14	0 25	12 41	17 2	20 25	20 5	14 50	5 36	2 32
F 11	23 29	19 37	0s15	23 33	0 26	14 3	3 29	27 21	4 35	17 29	0 54	20 10	1 41	2 23	0 45	21 14	0 25	12 41	17 3	20 25	20 6	14 52	5 36	2 32
S 12	23 30	15 2	1 26	23 52	0 36	14 7	3 33	27 27	4 39	17 26	0 54	20 9	1 41	2 23	0 45	21 15	0 25	12 41	17 3	20 25	20 7	14 55	5 37	2 32
S 13	23 31	9 39	2 34	24 9	0 46	14 11	3 36	27 32	4 43	17 23	0 54	20 9	1 41	2 22	0 45	21 15	0 25	12 41	17 3	20 25	20 7	14 58	5 37	2 32
M14	23 32	3 44	3 34	24 23	0 55	14 15	3 40	27 38	4 47	17 20	0 54	20 8	1 41	2 22	0 45	21 15	0 25	12 42	17 4	20 25	20 8	15 0	5 38	2 32
T 15	23 31	2s27	4 23	24 34	1 3	14 21	3 43	27 43	4 51	17 16	0 54	20 8	1 41	2 22	0 45	21 15	0 25	12 42	17 4	20 24	20 9	15 3	5 38	2 32
W16	23 31	8 36	4 57	24 43	1 11	14 26	3 45	27 49	4 55	17 13	0 54	20 7	1 41	2 22	0 45	21 16	0 25	12 42	17 4	20 24	20 9	15 5	5 39	2 32
T 17	23 30	14 23	5 12	24 48	1 19	14 33	3 48	27 54	4 59	17 10	0 54	20 7	1 40	2 22	0 45	21 16	0 25	12 42	17 5	20 25	20 10	15 8	5 39	2 32
F 18	23 29	19 25	5 9	24 51	1 25	14 39	3 50	27 59	5 3	17 6	0 54	20 6	1 40	2 22	0 46	21 16	0 25	12 43	17 5	20 25	20 11	15 10	5 39	2 32
S 19	23 27	23 20	4 45	24 51	1 31	14 47	3 52	28 4	5 7	17 3	0 54	20 6	1 40	2 22	0 46	21 16	0 25	12 43	17 6	20 26	20 11	15 13	5 40	2 32
S 20	23 25	25 44	4 4	24 48	1 36	14 54	3 53	28 9	5 10	17 0	0 53	20 5	1 40	2 22	0 46	21 17	0 25	12 43	17 6	20 26	20 12	15 15	5 40	2 33
M21	23 22	26 25	3 7	24 43	1 40	15 2	3 55	28 14	5 13	16 56	0 53	20 5	1 40	2 22	0 46	21 17	0 25	12 43	17 6	20 27	20 13	15 18	5 41	2 33
T 22	23 19	25 21	1 59	24 35	1 44	15 11	3 56	28 19	5 17	16 53	0 53	20 4	1 40	2 22	0 46	21 17	0 25	12 44	17 7	20 28	20 13	15 20	5 41	2 33
W23	23 16	22 42	0 46	24 24	1 47	15 20	3 57	28 23	5 20	16 49	0 53	20 4	1 40	2 22	0 46	21 17	0 25	12 44	17 7	20 28	20 14	15 23	5 41	2 33
T 24	23 12	18 51	0n29	24 11	1 49	15 29	3 58	28 28	5 23	16 46	0 53	20 4	1 39	2 22	0 46	21 18	0 25	12 44	17 7	20 28	20 15	15 25	5 42	2 33
F 25	23 8	14 9	1 40	23 55	1 50	15 38	3 58	28 32	5 26	16 42	0 53	20 3	1 39	2 22	0 46	21 18	0 25	12 44	17 8	20 28	20 16	15 28	5 42	2 33
S 26	23 4	8 57	2 44	23 38	1 51	15 47	3 58	28 36	5 29	16 39	0 53	20 3	1 39	2 22	0 46	21 18	0 25	12 45	17 8	20 27	20 16	15 30	5 42	2 33
S 27	22 59	3 31	3 38	23 18	1 51	15 57	3 59	28 40	5 31	16 35	0 53	20 3	1 39	2 22	0 46	21 18	0 25	12 45	17 8	20 27	20 17	15 33	5 42	2 33
M28	22 53	1n55	4 22	22 57	1 50	16 7	3 58	28 44	5 34	16 31	0 53	20 2	1 39	2 22	0 46	21 19	0 25	12 45	17 9	20 27	20 18	15 35	5 43	2 33
T 29	22 47	7 12	4 53	22 34	1 49	16 17	3 58	28 48	5 36	16 28	0 53	20 2	1 39	2 22	0 46	21 19	0 25	12 46	17 9	20 27	20 18	15 38	5 43	2 33
W30	22n41	12n10	5n11	22n 9	1n47	16n27	3s58	28s51	5s38	16n24	0n53	20s 1	1n38	2s22	0s46	21s19	0n25	12s46	17s10	20s27	20s19	15n40	5n43	2n33

Julian Day Number = 2210278.5, Delta T = 09m25s
Ecliptic obliquity = 23°31'35, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°31'35, Lahiri = 14°38'36 Julian Calendar 1 June 1339 == Greg. Calendar 9 June 1339

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ASTRODIENST EPHEMERIS for the year 1339
geocentric

JULY 1339 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	19 5 28	15♋52'31	0♉40	1♌ 1	1♊18	8°R39	17♌59	7°R28	25°R49	21°R53	7°R28	28°R56	29♏31	28♈19	8♈28	T 1
F 2	19 9 24	16°49'46	12°35	2°50	2° 7	8♏22	18°11	7♐25	25♓48	21♏51	7♈28	28♏55	29°28	28°25	8°28	F 2
S 3	19 13 21	17°47'01	24°36	4°38	2°56	8° 6	18°23	7°22	25°48	21°50	7°28	28°54	29°25	28°32	8°29	S 3
S 4	19 17 17	18°44'18	6♊47	6°23	3°46	7°50	18°35	7°19	25°47	21°48	7°28	28°52	29°22	28°39	8°R29	S 4
M 5	19 21 14	19°41'35	19°11	8° 7	4°37	7°34	18°48	7°17	25°47	21°46	7°28	28°51	29°18	28°46	8°29	M 5
T 6	19 25 10	20°38'53	1♋49	9°48	5°28	7°18	19° 0	7°14	25°46	21°45	7°28	28°50	29°15	28°52	8°29	T 6
W 7	19 29 7	21°36'11	14°44	11°28	6°20	7° 3	19°12	7°11	25°46	21°43	7°27	28°50	29°12	28°59	8°28	W 7
T 8	19 33 4	22°33'31	27°54	13° 7	7°13	6°49	19°24	7° 9	25°45	21°41	7°27	28°D49	29° 9	29° 6	8°28	T 8
F 9	19 37 0	23°30'51	11♌20	14°43	8° 6	6°35	19°37	7° 7	25°44	21°40	7°27	28°50	29° 6	29°12	8°28	F 9
S 10	19 40 57	24°28'11	25° 0	16°18	9° 0	6°21	19°49	7° 4	25°44	21°38	7°27	28°50	29° 3	29°19	8°28	S 10
S 11	19 44 53	25°25'33	8♍52	17°50	9°54	6° 8	20° 1	7° 2	25°43	21°37	7°27	28°50	28°59	29°26	8°27	S 11
M12	19 48 50	26°22'54	22°53	19°21	10°49	5°56	20°14	7° 0	25°42	21°35	7°26	28°50	28°56	29°33	8°27	M12
T 13	19 52 46	27°20'17	7♎ 1	20°51	11°44	5°44	20°26	6°58	25°41	21°33	7°26	28°51	28°53	29°39	8°27	T 13
W14	19 56 43	28°17'40	21°14	22°18	12°40	5°33	20°39	6°56	25°40	21°32	7°26	28°51	28°50	29°46	8°26	W14
T 15	20 0 39	29°15'03	5♏29	23°43	13°36	5°22	20°51	6°54	25°39	21°30	7°26	28°51	28°47	29°53	8°26	T 15
F 16	20 4 36	0♌12'27	19°43	25° 7	14°33	5°13	21° 4	6°52	25°38	21°29	7°25	28°51	28°44	29°59	8°25	F 16
S 17	20 8 33	1° 9'52	3♐53	26°29	15°30	5° 4	21°16	6°51	25°37	21°27	7°25	28°51	28°40	0♉ 6	8°24	S 17
S 18	20 12 29	2° 7'18	17°58	27°48	16°27	4°55	21°29	6°49	25°36	21°25	7°25	28°51	28°37	0°13	8°24	S 18
M19	20 16 26	3° 4'45	1♑53	29° 6	17°25	4°48	21°42	6°48	25°35	21°24	7°24	28°51	28°34	0°20	8°23	M19
T 20	20 20 22	4° 2'12	15°37	0♍22	18°24	4°41	21°54	6°46	25°33	21°22	7°24	28°52	28°31	0°26	8°22	T 20
W21	20 24 19	4°59'40	29° 7	1°35	19°23	4°35	22° 7	6°45	25°32	21°21	7°23	28°R52	28°28	0°33	8°21	W21
T 22	20 28 15	5°57'10	12♒22	2°47	20°22	4°30	22°20	6°44	25°31	21°19	7°23	28°52	28°24	0°40	8°20	T 22
F 23	20 32 12	6°54'40	25°21	3°56	21°21	4°26	22°33	6°42	25°30	21°17	7°22	28°51	28°21	0°47	8°19	F 23
S 24	20 36 8	7°52'12	8♓ 3	5° 3	22°21	4°22	22°45	6°41	25°28	21°16	7°22	28°50	28°18	0°53	8°18	S 24
S 25	20 40 5	8°49'45	20°30	6° 7	23°22	4°20	22°58	6°40	25°27	21°14	7°21	28°49	28°15	1° 0	8°17	S 25
M26	20 44 2	9°47'19	2♈43	7° 9	24°22	4°18	23°11	6°40	25°25	21°13	7°21	28°48	28°12	1° 7	8°16	M26
T 27	20 47 58	10°44'55	14°46	8° 8	25°23	4°17	23°24	6°39	25°24	21°11	7°20	28°46	28° 9	1°14	8°15	T 27
W28	20 51 55	11°42'32	26°42	9° 4	26°25	4°D16	23°37	6°38	25°22	21°10	7°20	28°45	28° 5	1°20	8°14	W28
T 29	20 55 51	12°40'11	8♉35	9°58	27°26	4°17	23°50	6°38	25°21	21° 8	7°19	28°D45	28° 2	1°27	8°13	T 29
F 30	20 59 48	13°37'51	20°30	10°48	28°28	4°18	24° 3	6°37	25°19	21° 7	7°19	28°45	27°59	1°34	8°11	F 30
S 31	21 3 44	14♌35'33	2♊31	11♍35	29♊30	4♏21	24♌16	6♐37	25♓18	21♏ 5	7♈18	28♏45	27♏56	1♉40	8♈10	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n35	16n40	5n16	21n42	1n45	16n38	3s57	28s54	5s40	16n20	0n53	20s 1	1n38	2s22	0s46	21s19	0n25	12s46	17s10	20s27	20s20	15n43	5n43	2n33
F 2	22 28	20 32	5 7	21 15	1 42	16 48	3 56	28 57	5 42	16 17	0 53	20 1	1 38	2 23	0 46	21 20	0 25	12 47	17 10	20 27	20 20	15 45	5 43	2 33
S 3	22 20	23 35	4 45	20 46	1 38	16 58	3 55	29 0	5 44	16 13	0 53	20 1	1 38	2 23	0 46	21 20	0 25	12 47	17 11	20 27	20 21	15 47	5 43	2 34
S 4	22 13	25 37	4 10	20 16	1 34	17 9	3 54	29 2	5 45	16 9	0 53	20 0	1 38	2 23	0 46	21 20	0 25	12 47	17 11	20 28	20 22	15 50	5 43	2 34
M 5	22 5	26 26	3 22	19 45	1 30	17 19	3 53	29 5	5 47	16 5	0 53	20 0	1 38	2 23	0 46	21 21	0 25	12 48	17 11	20 28	20 22	15 52	5 43	2 34
T 6	21 56	25 55	2 24	19 13	1 24	17 30	3 51	29 7	5 48	16 2	0 53	20 0	1 37	2 24	0 46	21 21	0 25	12 48	17 12	20 28	20 23	15 55	5 44	2 34
W 7	21 47	23 59	1 17	18 40	1 19	17 40	3 50	29 9	5 49	15 58	0 53	20 0	1 37	2 24	0 46	21 21	0 25	12 48	17 12	20 28	20 24	15 57	5 44	2 34
T 8	21 38	20 44	0 5	18 6	1 13	17 51	3 48	29 10	5 50	15 54	0 53	19 59	1 37	2 24	0 46	21 21	0 25	12 49	17 12	20 28	20 24	16 0	5 44	2 34
F 9	21 28	16 20	1s 9	17 32	1 7	18 1	3 46	29 12	5 51	15 50	0 53	19 59	1 37	2 24	0 46	21 22	0 25	12 49	17 13	20 28	20 25	16 2	5 44	2 34
S 10	21 18	11 2	2 20	16 58	1 0	18 11	3 44	29 13	5 51	15 46	0 53	19 59	1 37	2 25	0 46	21 22	0 25	12 50	17 13	20 28	20 25	16 5	5 43	2 34
S 11	21 8	5 7	3 24	16 23	0 53	18 21	3 42	29 14	5 51	15 42	0 53	19 59	1 36	2 25	0 46	21 22	0 25	12 50	17 13	20 28	20 26	16 7	5 43	2 34
M12	20 57	1s 6	4 17	15 47	0 45	18 31	3 40	29 15	5 52	15 38	0 53	19 59	1 36	2 25	0 46	21 22	0 25	12 50	17 14	20 28	20 27	16 9	5 43	2 34
T 13	20 46	7 18	4 54	15 11	0 37	18 41	3 38	29 16	5 52	15 34	0 53	19 58	1 36	2 26	0 46	21 23	0 25	12 51	17 14	20 28	20 27	16 12	5 43	2 34
W14	20 35	13 9	5 14	14 35	0 29	18 50	3 35	29 16	5 52	15 30	0 53	19 58	1 36	2 26	0 46	21 23	0 25	12 51	17 15	20 28	20 28	16 14	5 43	2 34
T 15	20 23	18 20	5 15	13 59	0 21	19 0	3 33	29 16	5 52	15 26	0 53	19 58	1 36	2 27	0 46	21 23	0 25	12 52	17 15	20 28	20 29	16 17	5 43	2 34
F 16	20 11	22 28	4 56	13 23	0 12	19 9	3 30	29 16	5 51	15 22	0 53	19 58	1 35	2 27	0 46	21 24	0 25	12 52	17 15	20 28	20 29	16 19	5 43	2 34
S 17	19 58	25 15	4 20	12 47	0 3	19 18	3 27	29 16	5 51	15 18	0 53	19 58	1 35	2 28	0 47	21 24	0 25	12 53	17 16	20 28	20 30	16 21	5 43	2 35
S 18	19 46	26 26	3 28	12 11	0s 6	19 27	3 24	29 16	5 50	15 14	0 53	19 58	1 35	2 28	0 47	21 24	0 25	12 53	17 16	20 28	20 31	16 24	5 42	2 35
M19	19 32	25 55	2 24	11 35	0 16	19 35	3 22	29 15	5 49	15 10	0 53	19 58	1 35	2 29	0 47	21 24	0 25	12 53	17 16	20 28	20 31	16 26	5 42	2 35
T 20	19 19	23 49	1 13	10 59	0 26	19 43	3 18	29 15	5 49	15 6	0 53	19 58	1 35	2 29	0 47	21 25	0 25	12 54	17 17	20 28	20 32	16 29	5 42	2 35
W21	19 5	20 23	0n 1	10 24	0 36	19 51	3 15	29 14	5 48	15 2	0 53	19 58	1 34	2 30	0 47	21 25	0 25	12 54	17 17	20 28	20 33	16 31	5 42	2 35
T 22	18 51	15 58	1 14	9 49	0 46	19 59	3 12	29 13	5 47	14 58	0 53	19 58	1 34	2 30	0 47	21 25	0 25	12 55	17 17	20 28	20 33	16 33	5 41	2 35
F 23	18 37	10 54	2 21	9 14	0 56	20 6	3 9	29 12	5 45	14 53	0 53	19 58	1 34	2 31	0 47	21 25	0 25	12 55	17 18	20 28	20 34	16 36	5 41	2 35
S 24	18 22	5 29	3 20	8 40	1 7	20 13	3 6	29 11	5 44	14 49	0 53	19 58	1 34	2 31	0 47	21 26	0 25	12 56	17 18	20 28	20 35	16 38	5 41	2 35
S 25	18 7	0n 1	4 8	8 6	1 17	20 20	3 2	29 10	5 43	14 45	0 53	19 58	1 34	2 32	0 47	21 26	0 25	12 56	17 18	20 28	20 35	16 40	5 40	2 35
M26	17 52	5 25	4 44	7 34	1 28	20 26	2 59	29 8	5 41	14 41	0 54	19 58	1 33	2 32	0 47	21 26	0 25	12 57	17 19	20 29	20 36	16 43	5 40	2 35
T 27	17 36	10 33	5 7	7 2	1 39	20 32	2 55	29 7	5 40	14 37	0 54	19 58	1 33	2 33	0 47	21 26	0 25	12 57	17 19	20 29	20 36	16 45	5 40	2 35
W28	17 20	15 14	5 16	6 30	1 50	20 37	2 51	29 5	5 38	14 32	0 54	19 58	1 33	2 34	0 47	21 27	0 25	12 58	17 19	20 29	20 37	16 47	5 39	2 35
T 29	17 4	19 19	5 11	6 0	2 0	20 42	2 48	29 3	5 36	14 28	0 54	19 58	1 33	2 34	0 47	21 27	0 25	12 58	17 19	20 29	20 38	16 50	5 39	2 35
F 30	16 48	22 39	4 53	5 31	2 11	20 47	2 44	29 2	5 34	14 24	0 54	19 58	1 32	2 35	0 47	21 27	0 25	12 59	17 20	20 29	20 38	16 52	5 38	2 35
S 31	16n31	25n 2	4n23	5n 3	2s22	20n51	2s40	29s 0	5s32	14n20	0n54	19s59	1n32	2s36	0s47	21s27	0n25	12s59	17s20	20s29	20s39	16n54	5n38	2n35

Julian Day Number = 2210308.5, Delta T = 09m24s
Ecliptic obliquity = 23°31'34, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°31'40, Lahiri = 14°38'40 Julian Calendar 1 July 1339 == Greg. Calendar 9 July 1339

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ASTRODIENST EPHEMERIS for the year 1339
geocentric

AUGUST 1339 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	21 7 41	15♌33'17	14♊44	12♍19	0♋33	4♑24	24♌28	6°R36	25°R16	21°R 4	7°R17	28♑47	27♑53	1♉47	8°R 9	S 1
M 2	21 11 37	16°31'03	27°11	12°59	1°36	4°27	24°41	6♐36	25♓14	21♑ 3	7♈17	28°48	27°50	1°54	8♈ 7	M 2
T 3	21 15 34	17°28'50	9♋56	13°35	2°39	4°32	24°54	6°36	25°13	21° 1	7°16	28°49	27°46	2° 1	8° 6	T 3
W 4	21 19 31	18°26'38	23° 3	14° 8	3°42	4°38	25° 7	6°D36	25°11	21° 0	7°15	28°R50	27°43	2° 7	8° 4	W 4
T 5	21 23 27	19°24'28	6♌31	14°36	4°46	4°44	25°20	6°36	25° 9	20°58	7°15	28°50	27°40	2°14	8° 3	T 5
F 6	21 27 24	20°22'20	20°19	14°59	5°50	4°51	25°33	6°36	25° 7	20°57	7°14	28°49	27°37	2°21	8° 1	F 6
S 7	21 31 20	21°20'13	4♍26	15°18	6°54	4°59	25°46	6°37	25° 5	20°56	7°13	28°47	27°34	2°28	7°59	S 7
S 8	21 35 17	22°18'08	18°45	15°31	7°58	5° 8	25°59	6°37	25° 3	20°54	7°12	28°44	27°30	2°34	7°58	S 8
M 9	21 39 13	23°16'04	3♎14	15°40	9° 3	5°17	26°13	6°38	25° 1	20°53	7°12	28°40	27°27	2°41	7°56	M 9
T 10	21 43 10	24°14'01	17°44	15°R42	10° 8	5°27	26°26	6°38	24°59	20°52	7°11	28°37	27°24	2°48	7°54	T 10
W11	21 47 6	25°12'00	2♏11	15°39	11°13	5°38	26°39	6°39	24°58	20°50	7°10	28°35	27°21	2°54	7°52	W11
T 12	21 51 3	26°10'00	16°31	15°31	12°18	5°50	26°52	6°40	24°55	20°49	7° 9	28°33	27°18	3° 1	7°50	T 12
F 13	21 55 0	27° 8'02	0♐41	15°16	13°24	6° 2	27° 5	6°40	24°53	20°48	7° 8	28°D33	27°15	3° 8	7°48	F 13
S 14	21 58 56	28° 6'05	14°38	14°54	14°29	6°16	27°18	6°41	24°51	20°47	7° 7	28°34	27°11	3°15	7°46	S 14
S 15	22 2 53	29° 4'09	28°22	14°27	15°35	6°30	27°31	6°42	24°49	20°45	7° 7	28°35	27° 8	3°21	7°44	S 15
M16	22 6 49	0♍ 2'15	11♑54	13°54	16°41	6°44	27°44	6°44	24°47	20°44	7° 6	28°37	27° 5	3°28	7°42	M16
T 17	22 10 46	1° 0'22	25°12	13°14	17°48	6°59	27°57	6°45	24°45	20°43	7° 5	28°R37	27° 2	3°35	7°40	T 17
W18	22 14 42	1°58'31	8♒18	12°30	18°54	7°15	28°10	6°46	24°43	20°42	7° 4	28°37	26°59	3°41	7°38	W18
T 19	22 18 39	2°56'41	21°12	11°40	20° 1	7°32	28°23	6°48	24°41	20°41	7° 3	28°35	26°55	3°48	7°36	T 19
F 20	22 22 35	3°54'53	3♓54	10°46	21° 8	7°49	28°36	6°49	24°39	20°40	7° 2	28°31	26°52	3°55	7°34	F 20
S 21	22 26 32	4°53'07	16°24	9°49	22°15	8° 7	28°49	6°51	24°36	20°39	7° 1	28°26	26°49	4° 2	7°32	S 21
S 22	22 30 29	5°51'22	28°42	8°50	23°22	8°25	29° 2	6°53	24°34	20°38	7° 0	28°20	26°46	4° 8	7°29	S 22
M23	22 34 25	6°49'40	10♈51	7°50	24°30	8°44	29°15	6°54	24°32	20°37	6°59	28°13	26°43	4°15	7°27	M23
T 24	22 38 22	7°48'00	22°51	6°50	25°37	9° 4	29°28	6°56	24°30	20°36	6°58	28° 6	26°40	4°22	7°25	T 24
W25	22 42 18	8°46'21	4♉45	5°52	26°45	9°24	29°41	6°58	24°27	20°35	6°57	28° 0	26°36	4°29	7°23	W25
T 26	22 46 15	9°44'45	16°37	4°57	27°53	9°45	29°54	7° 0	24°25	20°34	6°56	27°56	26°33	4°35	7°20	T 26
F 27	22 50 11	10°43'11	28°30	4° 6	29° 1	10° 6	0♍ 7	7° 3	24°23	20°33	6°55	27°53	26°30	4°42	7°18	F 27
S 28	22 54 8	11°41'39	10♊29	3°21	0♌10	10°28	0°20	7° 5	24°20	20°32	6°54	27°D52	26°27	4°49	7°15	S 28
S 29	22 58 4	12°40'09	22°39	2°43	1°18	10°50	0°33	7° 7	24°18	20°31	6°53	27°52	26°24	4°55	7°13	S 29
M30	23 2 1	13°38'42	5♋ 4	2°13	2°27	11°13	0°45	7°10	24°16	20°30	6°52	27°54	26°21	5° 2	7°10	M30
T 31	23 5 58	14♍37'17	17♋50	1♍51	3♌36	11♑37	0♍58	7♐12	24♓13	20♑30	6♈51	27♑55	26♑17	5♉ 9	7♈ 8	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	16n14	26n17	3n40	4n37	2s33	20n55	2s36	28s57	5s31	14n15	0n54	19s59	1n32	2s36	0s47	21s28	0n25	13s 0	17s20	20s29	20s40	16n57	5n37	2n35
M 2	15 57	26 15	2 46	4 11	2 44	20 58	2 33	28 55	5 28	14 11	0 54	19 59	1 32	2 37	0 47	21 28	0 25	13 0	17 21	20 28	20 40	16 59	5 37	2 35
T 3	15 39	24 51	1 42	3 48	2 54	21 1	2 29	28 53	5 26	14 7	0 54	19 59	1 32	2 38	0 47	21 28	0 25	13 1	17 21	20 28	20 41	17 1	5 36	2 35
W 4	15 21	22 4	0 32	3 26	3 5	21 4	2 25	28 51	5 24	14 2	0 54	19 59	1 31	2 38	0 47	21 28	0 25	13 1	17 21	20 28	20 42	17 4	5 36	2 36
T 5	15 3	18 2	0s42	3 6	3 15	21 6	2 21	28 48	5 22	13 58	0 54	20 0	1 31	2 39	0 47	21 29	0 25	13 2	17 22	20 28	20 42	17 6	5 35	2 36
F 6	14 45	12 56	1 55	2 48	3 25	21 7	2 17	28 46	5 20	13 54	0 54	20 0	1 31	2 40	0 47	21 29	0 25	13 3	17 22	20 28	20 43	17 8	5 34	2 36
S 7	14 26	7 5	3 3	2 32	3 34	21 8	2 13	28 43	5 18	13 49	0 54	20 0	1 31	2 41	0 47	21 29	0 25	13 3	17 22	20 29	20 43	17 11	5 34	2 36
S 8	14 8	0 46	4 1	2 18	3 43	21 9	2 8	28 41	5 15	13 45	0 54	20 0	1 31	2 41	0 47	21 29	0 25	13 4	17 22	20 29	20 44	17 13	5 33	2 36
M 9	13 49	5s37	4 43	2 7	3 51	21 9	2 4	28 38	5 13	13 40	0 54	20 1	1 30	2 42	0 47	21 29	0 25	13 4	17 23	20 30	20 45	17 15	5 32	2 36
T 10	13 30	11 43	5 8	1 59	3 59	21 8	2 0	28 35	5 10	13 36	0 54	20 1	1 30	2 43	0 47	21 30	0 25	13 5	17 23	20 31	20 45	17 17	5 32	2 36
W11	13 10	17 10	5 13	1 54	4 6	21 7	1 56	28 32	5 8	13 32	0 54	20 1	1 30	2 44	0 47	21 30	0 25	13 5	17 23	20 31	20 46	17 20	5 31	2 36
T 12	12 50	21 35	4 58	1 51	4 12	21 6	1 52	28 29	5 5	13 27	0 54	20 2	1 30	2 45	0 47	21 30	0 25	13 6	17 23	20 32	20 47	17 22	5 30	2 36
F 13	12 31	24 42	4 26	1 52	4 17	21 4	1 48	28 26	5 3	13 23	0 54	20 2	1 29	2 45	0 47	21 30	0 25	13 6	17 24	20 32	20 47	17 24	5 30	2 36
S 14	12 11	26 14	3 38	1 57	4 21	21 1	1 43	28 23	5 0	13 18	0 54	20 2	1 29	2 46	0 47	21 30	0 25	13 7	17 24	20 31	20 48	17 26	5 29	2 36
S 15	11 50	26 9	2 38	2 5	4 24	20 58	1 39	28 19	4 58	13 14	0 54	20 3	1 29	2 47	0 47	21 31	0 25	13 7	17 24	20 31	20 48	17 29	5 28	2 36
M16	11 30	24 29	1 30	2 17	4 25	20 55	1 35	28 16	4 55	13 9	0 54	20 3	1 29	2 48	0 47	21 31	0 25	13 8	17 24	20 31	20 49	17 31	5 27	2 36
T 17	11 9	21 29	0 19	2 32	4 25	20 50	1 31	28 13	4 53	13 5	0 55	20 4	1 29	2 49	0 47	21 31	0 25	13 9	17 25	20 31	20 50	17 33	5 26	2 36
W18	10 49	17 24	0n53	2 51	4 23	20 46	1 26	28 9	4 50	13 0	0 55	20 4	1 28	2 50	0 47	21 31	0 25	13 9	17 25	20 31	20 50	17 35	5 26	2 36
T 19	10 28	12 35	2 0	3 13	4 19	20 40	1 22	28 6	4 47	12 56	0 55	20 4	1 28	2 51	0 47	21 31	0 25	13 10	17 25	20 31	20 51	17 38	5 25	2 36
F 20	10 7	7 19	3 0	3 39	4 13	20 35	1 18	28 2	4 45	12 52	0 55	20 5	1 28	2 52	0 47	21 32	0 24	13 10	17 25	20 32	20 52	17 40	5 24	2 36
S 21	9 45	1 51	3 51	4 8	4 5	20 28	1 14	27 58	4 42	12 47	0 55	20 5	1 28	2 52	0 47	21 32	0 24	13 11	17 25	20 33	20 52	17 42	5 23	2 36
S 22	9 24	3n36	4 29	4 39	3 55	20 21	1 10	27 54	4 39	12 43	0 55	20 6	1 28	2 53	0 47	21 32	0 24	13 11	17 26	20 34	20 53	17 44	5 22	2 36
M23	9 2	8 50	4 55	5 12	3 44	20 14	1 5	27 50	4 37	12 38	0 55	20 6	1 27	2 54	0 47	21 32	0 24	13 12	17 26	20 36	20 53	17 47	5 21	2 36
T 24	8 40	13 40	5 8	5 47	3 30	20 6	1 1	27 46	4 34	12 34	0 55	20 7	1 27	2 55	0 47	21 32	0 24	13 12	17 26	20 37	20 54	17 49	5 20	2 36
W25	8 19	17 58	5 7	6 22	3 15	19 57	0 57	27 42	4 31	12 29	0 55	20 7	1 27	2 56	0 47	21 33	0 24	13 13	17 26	20 38	20 55	17 51	5 19	2 36
T 26	7 57	21 32	4 53	6 58	2 59	19 48	0 53	27 38	4 29	12 25	0 55	20 8	1 27	2 57	0 47	21 33	0 24	13 13	17 26	20 39	20 55	17 53	5 19	2 36
F 27	7 34	24 14	4 26	7 33	2 41	19 38	0 49	27 34	4 26	12 20	0 55	20 9	1 27	2 58	0 47	21 33	0 24	13 14	17 26	20 40	20 56	17 55	5 18	2 36
S 28	7 12	25 52	3 48	8 6	2 22	19 28	0 44	27 29	4 23	12 16	0 55	20 9	1 26	2 59	0 47	21 33	0 24	13 15	17 27	20 40	20 56	17 58	5 17	2 36
S 29	6 50	26 18	2 59	8 38	2 3	19 17	0 40	27 25	4 21	12 11	0 55	20 10	1 26	3 0	0 47	21 33	0 24	13 15	17 27	20 40	20 57	18 0	5 16	2 36
M30	6 27	25 26	2 0	9 7	1 43	19 6	0 36	27 20	4 18	12 7	0 55	20 10	1 26	3 1	0 47	21 33	0 24	13 16	17 27	20 39	20 58	18 2	5 15	2 36
T 31	6n 5	23n14	0n54	9n33	1s24	18n54	0s32	27s15	4s15	12n 2	0n56	20s11	1n26	3s 2	0s47	21s33	0n24	13s16	17s27	20s39	20s58	18n 4	5n14	2n36

Julian Day Number = 2210339.5, Delta T = 09m24s
Ecliptic obliquity = 23°31'34, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°31'44, Lahiri = 14°38'44 Julian Calendar 1 Aug. 1339 == Greg. Calendar 9 Aug. 1339

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ASTRODIENST EPHEMERIS for the year 1339
geocentric

SEPTEMBER 1339 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	23 9 54	15♍35'54	1♌ 0	1°R39	4♌45	12♉ 0	1♍11	7♐15	24°R11	20°R29	6°R50	27°R55	26♉14	5♉16	7°R 5	W 1
T 2	23 13 51	16°34'33	14°36	1°D36	5°54	12°25	1°24	7°18	24♓ 8	20♉28	6♈49	27♉54	26°11	5°22	7♈ 3	T 2
F 3	23 17 47	17°33'14	28°38	1♍43	7° 3	12°50	1°37	7°20	24° 6	20°27	6°48	27°51	26° 8	5°29	7° 0	F 3
S 4	23 21 44	18°31'57	13♍ 4	1°59	8°12	13°15	1°50	7°23	24° 4	20°27	6°47	27°45	26° 5	5°36	6°58	S 4
S 5	23 25 40	19°30'42	27°49	2°25	9°22	13°41	2° 2	7°26	24° 1	20°26	6°46	27°38	26° 1	5°42	6°55	S 5
M 6	23 29 37	20°29'29	12♎44	3° 0	10°32	14° 7	2°15	7°29	23°59	20°25	6°44	27°30	25°58	5°49	6°52	M 6
T 7	23 33 33	21°28'18	27°40	3°44	11°41	14°34	2°28	7°33	23°56	20°25	6°43	27°22	25°55	5°56	6°50	T 7
W 8	23 37 30	22°27'09	12♏30	4°37	12°51	15° 1	2°40	7°36	23°54	20°24	6°42	27°15	25°52	6° 3	6°47	W 8
T 9	23 41 26	23°26'02	27° 5	5°37	14° 1	15°28	2°53	7°39	23°52	20°24	6°41	27°10	25°49	6° 9	6°44	T 9
F 10	23 45 23	24°24'57	11♐21	6°44	15°12	15°56	3° 6	7°43	23°49	20°23	6°40	27° 7	25°46	6°16	6°42	F 10
S 11	23 49 20	25°23'53	25°16	7°57	16°22	16°24	3°18	7°46	23°47	20°23	6°39	27°D 6	25°42	6°23	6°39	S 11
S 12	23 53 16	26°22'51	8♑52	9°16	17°32	16°53	3°31	7°50	23°44	20°22	6°38	27° 7	25°39	6°30	6°36	S 12
M13	23 57 13	27°21'51	22° 8	10°40	18°43	17°22	3°43	7°53	23°42	20°22	6°37	27°R 7	25°36	6°36	6°33	M13
T 14	0 1 9	28°20'53	5♒ 9	12° 8	19°54	17°52	3°56	7°57	23°39	20°22	6°35	27° 7	25°33	6°43	6°31	T 14
W15	0 5 6	29°19'56	17°55	13°40	21° 4	18°21	4° 8	8° 1	23°37	20°21	6°34	27° 5	25°30	6°50	6°28	W15
T 16	0 9 2	0♎19'01	0♓30	15°16	22°15	18°52	4°20	8° 5	23°35	20°21	6°33	27° 0	25°27	6°56	6°25	T 16
F 17	0 12 59	1°18'09	12°55	16°53	23°26	19°22	4°33	8° 9	23°32	20°21	6°32	26°53	25°23	7° 3	6°22	F 17
S 18	0 16 55	2°17'18	25°11	18°33	24°37	19°53	4°45	8°13	23°30	20°20	6°31	26°43	25°20	7°10	6°20	S 18
S 19	0 20 52	3°16'29	7♈20	20°15	25°49	20°24	4°57	8°17	23°28	20°20	6°30	26°31	25°17	7°17	6°17	S 19
M20	0 24 49	4°15'42	19°21	21°58	27° 0	20°55	5° 9	8°21	23°25	20°20	6°28	26°19	25°14	7°23	6°14	M20
T 21	0 28 45	5°14'57	1♉18	23°41	28°12	21°27	5°21	8°26	23°23	20°20	6°27	26° 6	25°11	7°30	6°11	T 21
W22	0 32 42	6°14'15	13°10	25°26	29°23	21°59	5°33	8°30	23°20	20°20	6°26	25°54	25° 7	7°37	6° 8	W22
T 23	0 36 38	7°13'35	25° 0	27°11	0♍35	22°31	5°45	8°34	23°18	20°20	6°25	25°45	25° 4	7°43	6° 6	T 23
F 24	0 40 35	8°12'57	6♊52	28°56	1°47	23° 4	5°57	8°39	23°16	20°20	6°24	25°38	25° 1	7°50	6° 3	F 24
S 25	0 44 31	9°12'21	18°49	0♎41	2°58	23°37	6° 9	8°44	23°13	20°D20	6°23	25°34	24°58	7°57	6° 0	S 25
S 26	0 48 28	10°11'48	0♋55	2°26	4°10	24°10	6°21	8°48	23°11	20°20	6°22	25°32	24°55	8° 4	5°57	S 26
M27	0 52 24	11°11'17	13°16	4°11	5°23	24°43	6°33	8°53	23° 9	20°20	6°20	25°D32	24°52	8°10	5°54	M27
T 28	0 56 21	12°10'49	25°57	5°56	6°35	25°17	6°45	8°58	23° 7	20°20	6°19	25°R32	24°48	8°17	5°52	T 28
W29	1 0 18	13°10'23	9♌ 2	7°40	7°47	25°51	6°56	9° 3	23° 4	20°20	6°18	25°31	24°45	8°24	5°49	W29
T 30	1 4 14	14♎ 9'59	22♌36	9♎24	8♍59	26♉25	7♍ 8	9♐ 8	23♓ 2	20♉20	6♈17	25♉29	24♉42	8♉30	5♈46	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	5n42	19n44	0s17	9n56	1s 4	18n42	0s28	27s10	4s12	11n58	0n56	20s12	1n26	3s 3	0s47	21s34	0n24	13s17	17s27	20s39	20s59	18n 6	5n13	2n36
T 2	5 19	15 6	1 29	10 15	0 45	18 29	0 24	27 5	4 10	11 53	0 56	20 12	1 25	3 4	0 47	21 34	0 24	13 17	17 27	20 39	20 59	18 8	5 12	2 36
F 3	4 56	9 32	2 37	10 29	0 27	18 15	0 20	27 0	4 7	11 49	0 56	20 13	1 25	3 5	0 47	21 34	0 24	13 18	17 27	20 40	21 0	18 11	5 11	2 36
S 4	4 33	3 19	3 38	10 40	0 9	18 1	0 16	26 55	4 4	11 44	0 56	20 14	1 25	3 5	0 47	21 34	0 24	13 18	17 28	20 41	21 1	18 13	5 9	2 36
S 5	4 10	3s11	4 26	10 46	0n 7	17 47	0 12	26 50	4 2	11 40	0 56	20 14	1 25	3 6	0 47	21 34	0 24	13 19	17 28	20 43	21 1	18 15	5 8	2 36
M 6	3 47	9 35	4 56	10 48	0 23	17 32	0 9	26 44	3 59	11 35	0 56	20 15	1 25	3 7	0 47	21 34	0 24	13 19	17 28	20 44	21 2	18 17	5 7	2 36
T 7	3 24	15 26	5 5	10 45	0 37	17 16	0 5	26 39	3 56	11 31	0 56	20 16	1 24	3 8	0 47	21 34	0 24	13 20	17 28	20 46	21 2	18 19	5 6	2 36
W 8	3 0	20 19	4 55	10 38	0 50	17 0	0 1	26 33	3 54	11 26	0 56	20 16	1 24	3 9	0 47	21 34	0 24	13 21	17 28	20 47	21 3	18 21	5 5	2 36
T 9	2 37	23 52	4 25	10 27	1 2	16 43	0n 3	26 27	3 51	11 22	0 56	20 17	1 24	3 10	0 47	21 35	0 24	13 21	17 28	20 48	21 4	18 23	5 4	2 36
F 10	2 14	25 51	3 39	10 12	1 13	16 26	0 6	26 21	3 48	11 17	0 57	20 18	1 24	3 11	0 47	21 35	0 24	13 22	17 28	20 49	21 4	18 26	5 3	2 36
S 11	1 50	26 8	2 42	9 53	1 22	16 9	0 10	26 15	3 46	11 13	0 57	20 19	1 24	3 12	0 47	21 35	0 24	13 22	17 28	20 49	21 5	18 28	5 2	2 36
S 12	1 27	24 50	1 36	9 31	1 30	15 51	0 14	26 9	3 43	11 8	0 57	20 19	1 23	3 13	0 47	21 35	0 24	13 23	17 28	20 49	21 5	18 30	5 1	2 36
M13	1 3	22 8	0 27	9 5	1 37	15 33	0 17	26 2	3 40	11 4	0 57	20 20	1 23	3 14	0 47	21 35	0 24	13 23	17 28	20 49	21 6	18 32	5 0	2 36
T 14	0 40	18 22	0n43	8 37	1 43	15 14	0 21	25 56	3 38	10 59	0 57	20 21	1 23	3 15	0 47	21 35	0 24	13 24	17 28	20 49	21 7	18 34	4 58	2 36
W15	0 16	13 48	1 48	8 5	1 47	14 54	0 24	25 49	3 35	10 55	0 57	20 22	1 23	3 16	0 47	21 35	0 24	13 24	17 29	20 49	21 7	18 36	4 57	2 36
T 16	0s 8	8 43	2 48	7 32	1 51	14 35	0 27	25 42	3 33	10 51	0 57	20 23	1 23	3 17	0 47	21 35	0 24	13 25	17 29	20 50	21 8	18 38	4 56	2 36
F 17	0 31	3 23	3 38	6 56	1 53	14 14	0 31	25 35	3 30	10 46	0 57	20 23	1 22	3 18	0 47	21 35	0 24	13 25	17 29	20 51	21 8	18 40	4 55	2 35
S 18	0 55	2n 1	4 18	6 18	1 55	13 54	0 34	25 28	3 28	10 42	0 57	20 24	1 22	3 19	0 47	21 35	0 24	13 26	17 29	20 53	21 9	18 42	4 54	2 35
S 19	1 18	7 17	4 45	5 39	1 55	13 33	0 37	25 21	3 25	10 37	0 58	20 25	1 22	3 20	0 47	21 35	0 24	13 26	17 29	20 56	21 9	18 44	4 53	2 35
M20	1 42	12 13	4 59	4 58	1 55	13 11	0 40	25 13	3 22	10 33	0 58	20 26	1 22	3 21	0 47	21 35	0 24	13 26	17 29	20 58	21 10	18 46	4 51	2 35
T 21	2 6	16 39	5 0	4 16	1 54	12 49	0 43	25 6	3 20	10 29	0 58	20 27	1 22	3 22	0 47	21 35	0 24	13 27	17 29	21 0	21 11	18 49	4 50	2 35
W22	2 29	20 25	4 48	3 33	1 53	12 27	0 46	24 58	3 17	10 24	0 58	20 28	1 22	3 23	0 47	21 35	0 24	13 27	17 29	21 3	21 11	18 51	4 49	2 35
T 23	2 53	23 21	4 24	2 49	1 51	12 4	0 49	24 50	3 15	10 20	0 58	20 28	1 21	3 23	0 47	21 35	0 24	13 28	17 29	21 4	21 12	18 53	4 48	2 35
F 24	3 16	25 16	3 48	2 5	1 48	11 41	0 52	24 42	3 12	10 16	0 58	20 29	1 21	3 24	0 47	21 35	0 24	13 28	17 29	21 6	21 12	18 55	4 47	2 35
S 25	3 40	26 4	3 1	1 20	1 45	11 18	0 55	24 34	3 10	10 11	0 58	20 30	1 21	3 25	0 47	21 36	0 24	13 29	17 29	21 6	21 13	18 57	4 46	2 35
S 26	4 3	25 38	2 6	0 35	1 41	10 54	0 57	24 26	3 7	10 7	0 58	20 31	1 21	3 26	0 47	21 36	0 24	13 29	17 29	21 7	21 13	18 59	4 44	2 35
M27	4 27	23 56	1 4	0s11	1 37	10 30	1 0	24 17	3 5	10 3	0 59	20 32	1 21	3 27	0 47	21 36	0 24	13 30	17 29	21 7	21 14	19 1	4 43	2 35
T 28	4 50	21 0	0s 2	0 57	1 33	10 6	1 3	24 9	3 3	9 59	0 59	20 33	1 21	3 28	0 47	21 36	0 24	13 30	17 29	21 7	21 15	19 3	4 42	2 35
W29	5 13	16 55	1 11	1 42	1 28	9 41	1 5	24 0	3 0	9 54	0 59	20 34	1 20	3 29	0 47	21 36	0 24	13 30	17 29	21 7	21 15	19 5	4 41	2 35
T 30	5s36	11n52	2s18	2s28	1n23	9n16	1n 8	23s51	2s58	9n50	0n59	20s35	1n20	3s30	0s47	21s36	0n24	13s31	17s28	21s 7	21s16	19n 7	4n40	2n34

Julian Day Number = 2210370.5, Delta T = 09m24s
Ecliptic obliquity = 23°31'35, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°31'48, Lahiri = 14°38'49 Julian Calendar 1 Sept. 1339 == Greg. Calendar 9 Sept. 1339

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ASTRODIENST EPHEMERIS for the year 1339
geocentric

OCTOBER 1339 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	1 8 11	15♎ 9'37	6♍39	11♎ 7	10♍12	26♑59	7♍20	9♐13	23°R 0	20♑20	6°R16	25°R24	24♑39	8♉37	5°R43	F 1
S 2	1 12 7	16° 9'18	21°11	12°50	11°24	27°34	7°31	9°18	22♓58	20°20	6♈15	25♑16	24°36	8°44	5♈41	S 2
S 3	1 16 4	17° 9'00	6♎ 7	14°32	12°37	28° 9	7°43	9°23	22°56	20°21	6°13	25° 6	24°32	8°51	5°38	S 3
M 4	1 20 0	18° 8'45	21°19	16°14	13°50	28°44	7°54	9°28	22°54	20°21	6°12	24°55	24°29	8°57	5°35	M 4
T 5	1 23 57	19° 8'32	6♏35	17°55	15° 3	29°19	8° 5	9°33	22°51	20°21	6°11	24°44	24°26	9° 4	5°32	T 5
W 6	1 27 53	20° 8'21	21°45	19°35	16°15	29°55	8°17	9°38	22°49	20°22	6°10	24°34	24°23	9°11	5°30	W 6
T 7	1 31 50	21° 8'12	6♐39	21°15	17°28	0♒30	8°28	9°44	22°47	20°22	6° 9	24°26	24°20	9°18	5°27	T 7
F 8	1 35 47	22° 8'04	21°10	22°55	18°41	1° 6	8°39	9°49	22°45	20°23	6° 8	24°21	24°17	9°24	5°24	F 8
S 9	1 39 43	23° 7'58	5♑14	24°34	19°55	1°42	8°50	9°55	22°43	20°23	6° 7	24°19	24°13	9°31	5°22	S 9
S 10	1 43 40	24° 7'54	18°52	26°12	21° 8	2°19	9° 1	10° 0	22°41	20°24	6° 6	24°18	24°10	9°38	5°19	S 10
M11	1 47 36	25° 7'51	2♒ 6	27°50	22°21	2°55	9°12	10° 6	22°39	20°24	6° 4	24°18	24° 7	9°44	5°17	M11
T 12	1 51 33	26° 7'50	14°59	29°27	23°34	3°32	9°22	10°12	22°38	20°25	6° 3	24°17	24° 4	9°51	5°14	T 12
W13	1 55 29	27° 7'51	27°35	1♏ 4	24°48	4° 9	9°33	10°17	22°36	20°25	6° 2	24°15	24° 1	9°58	5°11	W13
T 14	1 59 26	28° 7'53	9♓57	2°40	26° 1	4°46	9°44	10°23	22°34	20°26	6° 1	24° 9	23°58	10° 5	5° 9	T 14
F 15	2 3 22	29° 7'57	22°10	4°16	27°15	5°23	9°54	10°29	22°32	20°26	6° 0	24° 1	23°54	10°11	5° 6	F 15
S 16	2 7 19	0♏ 8'03	4♈15	5°51	28°28	6° 0	10° 4	10°35	22°30	20°27	5°59	23°49	23°51	10°18	5° 4	S 16
S 17	2 11 15	1° 8'10	16°15	7°26	29°42	6°38	10°15	10°41	22°28	20°28	5°58	23°36	23°48	10°25	5° 1	S 17
M18	2 15 12	2° 8'20	28°10	9° 1	0♎55	7°15	10°25	10°47	22°27	20°29	5°57	23°21	23°45	10°31	4°59	M18
T 19	2 19 9	3° 8'31	10♉ 3	10°35	2° 9	7°53	10°35	10°53	22°25	20°29	5°56	23° 7	23°42	10°38	4°57	T 19
W20	2 23 5	4° 8'44	21°55	12° 8	3°23	8°31	10°45	10°59	22°23	20°30	5°55	22°54	23°38	10°45	4°54	W20
T 21	2 27 2	5° 8'58	3♊47	13°42	4°37	9° 9	10°55	11° 5	22°22	20°31	5°54	22°42	23°35	10°52	4°52	T 21
F 22	2 30 58	6° 9'15	15°41	15°15	5°51	9°47	11° 5	11°11	22°20	20°32	5°53	22°34	23°32	10°58	4°50	F 22
S 23	2 34 55	7° 9'34	27°40	16°47	7° 5	10°25	11°15	11°17	22°19	20°33	5°52	22°29	23°29	11° 5	4°47	S 23
S 24	2 38 51	8° 9'54	9♋47	18°20	8°19	11° 4	11°25	11°24	22°17	20°34	5°51	22°26	23°26	11°12	4°45	S 24
M25	2 42 48	9°10'17	22° 7	19°52	9°33	11°42	11°34	11°30	22°16	20°35	5°50	22°D26	23°23	11°18	4°43	M25
T 26	2 46 45	10°10'42	4♌44	21°23	10°47	12°21	11°44	11°36	22°15	20°36	5°49	22°R26	23°19	11°25	4°41	T 26
W27	2 50 41	11°11'08	17°43	22°55	12° 1	13° 0	11°53	11°42	22°13	20°37	5°48	22°26	23°16	11°32	4°39	W27
T 28	2 54 38	12°11'36	1♍ 8	24°26	13°16	13°39	12° 2	11°49	22°12	20°38	5°47	22°24	23°13	11°39	4°37	T 28
F 29	2 58 34	13°12'07	15° 1	25°56	14°30	14°18	12°11	11°55	22°11	20°39	5°46	22°21	23°10	11°45	4°35	F 29
S 30	3 2 31	14°12'39	29°24	27°27	15°44	14°57	12°20	12° 2	22° 9	20°40	5°46	22°14	23° 7	11°52	4°33	S 30
S 31	3 6 27	15♏13'13	14♎14	28♏57	16♎59	15♒36	12♍29	12♐ 8	22♓ 8	20♑41	5♈45	22♑ 6	23♑ 4	11♉59	4♈31	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	6s 0	6n 1	3s19	3s14	1n18	8n51	1n10	23s42	2s55	9n46	0n59	20s36	1n20	3s31	0s47	21s36	0n24	13s31	17s28	21s 8	21s16	19n 9	4n38	2n34
S 2	6 23	0s19	4 9	3 59	1 12	8 25	1 12	23 33	2 53	9 42	0 59	20 37	1 20	3 31	0 47	21 36	0 23	13 32	17 28	21 10	21 17	19 11	4 37	2 34
S 3	6 46	6 47	4 44	4 44	1 6	8 0	1 14	23 23	2 51	9 38	1 0	20 37	1 20	3 32	0 47	21 36	0 23	13 32	17 28	21 11	21 17	19 13	4 36	2 34
M 4	7 8	12 58	5 0	5 29	1 0	7 33	1 16	23 14	2 48	9 34	1 0	20 38	1 20	3 33	0 47	21 36	0 23	13 32	17 28	21 13	21 18	19 15	4 35	2 34
T 5	7 31	18 23	4 54	6 13	0 54	7 7	1 19	23 4	2 46	9 29	1 0	20 39	1 19	3 34	0 47	21 36	0 23	13 33	17 28	21 15	21 19	19 17	4 34	2 34
W 6	7 54	22 34	4 27	6 57	0 48	6 41	1 20	22 54	2 43	9 25	1 0	20 40	1 19	3 35	0 47	21 35	0 23	13 33	17 28	21 17	21 19	19 19	4 33	2 34
T 7	8 17	25 10	3 43	7 41	0 42	6 14	1 22	22 44	2 41	9 21	1 0	20 41	1 19	3 35	0 47	21 35	0 23	13 33	17 28	21 19	21 20	19 21	4 31	2 34
F 8	8 39	25 59	2 45	8 24	0 35	5 47	1 24	22 34	2 39	9 17	1 0	20 42	1 19	3 36	0 47	21 35	0 23	13 34	17 28	21 20	21 20	19 23	4 30	2 34
S 9	9 1	25 4	1 39	9 7	0 29	5 20	1 26	22 24	2 37	9 13	1 0	20 43	1 19	3 37	0 47	21 35	0 23	13 34	17 28	21 20	21 21	19 25	4 29	2 34
S 10	9 24	22 40	0 29	9 49	0 22	4 52	1 28	22 13	2 34	9 9	1 1	20 44	1 19	3 38	0 47	21 35	0 23	13 34	17 28	21 20	21 21	19 27	4 28	2 33
M11	9 46	19 6	0n41	10 30	0 15	4 25	1 29	22 2	2 32	9 5	1 1	20 45	1 18	3 39	0 47	21 35	0 23	13 35	17 28	21 20	21 22	19 29	4 27	2 33
T 12	10 8	14 42	1 47	11 11	0 9	3 57	1 31	21 52	2 30	9 2	1 1	20 46	1 18	3 39	0 47	21 35	0 23	13 35	17 27	21 20	21 23	19 31	4 26	2 33
W13	10 29	9 46	2 46	11 51	0 2	3 29	1 32	21 41	2 27	8 58	1 1	20 47	1 18	3 40	0 47	21 35	0 23	13 35	17 27	21 21	21 23	19 33	4 25	2 33
T 14	10 51	4 32	3 36	12 31	0s 5	3 1	1 33	21 30	2 25	8 54	1 1	20 48	1 18	3 41	0 47	21 35	0 23	13 36	17 27	21 22	21 24	19 35	4 23	2 33
F 15	11 12	0n47	4 15	13 10	0 12	2 33	1 34	21 18	2 23	8 50	1 1	20 49	1 18	3 41	0 47	21 35	0 23	13 36	17 27	21 23	21 24	19 36	4 22	2 33
S 16	11 34	6 1	4 42	13 48	0 18	2 4	1 36	21 7	2 21	8 46	1 2	20 50	1 18	3 42	0 47	21 35	0 23	13 36	17 27	21 25	21 25	19 38	4 21	2 33
S 17	11 55	10 58	4 57	14 26	0 25	1 36	1 37	20 55	2 19	8 42	1 2	20 51	1 18	3 43	0 47	21 35	0 23	13 36	17 27	21 27	21 25	19 40	4 20	2 32
M18	12 16	15 30	4 58	15 3	0 31	1 7	1 38	20 43	2 17	8 39	1 2	20 52	1 18	3 43	0 47	21 35	0 23	13 37	17 26	21 30	21 26	19 42	4 19	2 32
T 19	12 36	19 25	4 47	15 39	0 38	0 39	1 39	20 32	2 14	8 35	1 2	20 53	1 17	3 44	0 47	21 35	0 23	13 37	17 26	21 32	21 26	19 44	4 18	2 32
W20	12 57	22 32	4 23	16 14	0 44	0 10	1 39	20 20	2 12	8 31	1 2	20 54	1 17	3 45	0 47	21 35	0 23	13 37	17 26	21 35	21 27	19 46	4 17	2 32
T 21	13 17	24 42	3 47	16 49	0 51	0s19	1 40	20 7	2 10	8 28	1 3	20 55	1 17	3 45	0 47	21 34	0 23	13 37	17 26	21 36	21 27	19 48	4 16	2 32
F 22	13 37	25 45	3 1	17 23	0 57	0 47	1 41	19 55	2 8	8 24	1 3	20 56	1 17	3 46	0 47	21 34	0 23	13 38	17 26	21 38	21 28	19 50	4 15	2 32
S 23	13 57	25 37	2 7	17 56	1 3	1 16	1 41	19 43	2 6	8 21	1 3	20 57	1 17	3 46	0 47	21 34	0 23	13 38	17 26	21 39	21 29	19 52	4 14	2 32
S 24	14 17	24 16	1 7	18 28	1 9	1 45	1 42	19 30	2 4	8 17	1 3	20 58	1 17	3 47	0 47	21 34	0 23	13 38	17 25	21 39	21 29	19 54	4 13	2 31
M25	14 36	21 44	0 2	18 59	1 15	2 14	1 42	19 17	2 2	8 14	1 3	20 59	1 17	3 47	0 47	21 34	0 23	13 38	17 25	21 39	21 30	19 56	4 12	2 31
T 26	14 55	18 6	1s 5	19 29	1 21	2 43	1 42	19 4	2 0	8 10	1 4	21 0	1 16	3 48	0 46	21 34	0 23	13 38	17 25	21 39	21 30	19 57	4 11	2 31
W27	15 14	13 31	2 10	19 58	1 27	3 12	1 43	18 51	1 58	8 7	1 4	21 1	1 16	3 48	0 46	21 34	0 23	13 38	17 25	21 39	21 31	19 59	4 10	2 31
T 28	15 33	8 9	3 10	20 26	1 32	3 40	1 43	18 38	1 56	8 3	1 4	21 2	1 16	3 49	0 46	21 34	0 23	13 39	17 25	21 39	21 31	20 1	4 9	2 31
F 29	15 51	2 13	4 1	20 54	1 38	4 9	1 43	18 25	1 54	8 0	1 4	21 3	1 16	3 49	0 46	21 33	0 23	13 39	17 24	21 40	21 32	20 3	4 8	2 31
S 30	16 10	4s 2	4 39	21 20	1 43	4 38	1 43	18 11	1 52	7 57	1 4	21 4	1 16	3 50	0 46	21 33	0 23	13 39	17 24	21 41	21 32	20 5	4 7	2 31
S 31	16s28	10s14	5s 0	21s45	1s48	5s 7	1n43	17s58	1s50	7n54	1n 5	21s 5	1n16	3s50	0s46	21s33	0n23	13s39	17s24	21s42	21s33	20n 7	4n 6	2n30

Julian Day Number = 2210400.5, Delta T = 09m24s
Ecliptic obliquity = 23°31'35, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°31'52, Lahiri = 14°38'53 Julian Calendar 1 Oct. 1339 == Greg. Calendar 9 Oct. 1339

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ASTRODIENST EPHEMERIS for the year 1339
geocentric

NOVEMBER 1339 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	⚸	☊	⚷	⚵	⚶	Day
M 1	3 10 24	16♏13'48	29♎23	0♐26	18♎13	16♒15	12♍38	12♐15	22°R 7	20♑43	5°R44	21°R56	23♑ 0	12♉ 5	4°R29	M 1
T 2	3 14 20	17°14'26	14♏43	1°56	19°27	16°55	12°47	12°21	22♓ 6	20°44	5♈43	21♑45	22°57	12°12	4♈27	T 2
W 3	3 18 17	18°15'05	0♐ 2	3°25	20°42	17°34	12°55	12°28	22° 5	20°45	5°42	21°36	22°54	12°19	4°25	W 3
T 4	3 22 13	19°15'45	15° 8	4°53	21°57	18°14	13° 4	12°35	22° 4	20°46	5°41	21°29	22°51	12°26	4°23	T 4
F 5	3 26 10	20°16'27	29°53	6°21	23°11	18°53	13°12	12°41	22° 3	20°48	5°41	21°25	22°48	12°32	4°21	F 5
S 6	3 30 7	21°17'10	14♑10	7°49	24°26	19°33	13°20	12°48	22° 2	20°49	5°40	21°23	22°44	12°39	4°20	S 6
S 7	3 34 3	22°17'54	27°59	9°16	25°40	20°13	13°28	12°55	22° 1	20°50	5°39	21°D23	22°41	12°46	4°18	S 7
M 8	3 38 0	23°18'39	11♒19	10°42	26°55	20°53	13°36	13° 2	22° 0	20°52	5°38	21°24	22°38	12°52	4°16	M 8
T 9	3 41 56	24°19'25	24°15	12° 8	28°10	21°33	13°44	13° 8	22° 0	20°53	5°38	21°R24	22°35	12°59	4°15	T 9
W10	3 45 53	25°20'12	6♓50	13°33	29°24	22°13	13°52	13°15	21°59	20°55	5°37	21°23	22°32	13° 6	4°13	W10
T 11	3 49 49	26°21'00	19° 9	14°56	0♏39	22°53	13°59	13°22	21°58	20°56	5°36	21°21	22°29	13°13	4°12	T 11
F 12	3 53 46	27°21'49	1♈16	16°19	1°54	23°34	14° 7	13°29	21°58	20°58	5°36	21°15	22°25	13°19	4°10	F 12
S 13	3 57 43	28°22'39	13°15	17°41	3° 9	24°14	14°14	13°36	21°57	20°59	5°35	21° 8	22°22	13°26	4° 9	S 13
S 14	4 1 39	29°23'30	25° 9	19° 1	4°24	24°54	14°21	13°43	21°57	21° 1	5°34	20°59	22°19	13°33	4° 8	S 14
M15	4 5 36	0♐24'22	7♉ 1	20°20	5°38	25°35	14°28	13°50	21°56	21° 2	5°34	20°48	22°16	13°39	4° 6	M15
T 16	4 9 32	1°25'15	18°53	21°37	6°53	26°15	14°35	13°56	21°56	21° 4	5°33	20°38	22°13	13°46	4° 5	T 16
W17	4 13 29	2°26'09	0♊47	22°52	8° 8	26°56	14°41	14° 3	21°55	21° 6	5°33	20°29	22°10	13°53	4° 4	W17
T 18	4 17 25	3°27'04	12°44	24° 4	9°23	27°37	14°48	14°10	21°55	21° 7	5°32	20°21	22° 6	14° 0	4° 3	T 18
F 19	4 21 22	4°28'00	24°45	25°13	10°38	28°17	14°54	14°17	21°55	21° 9	5°32	20°15	22° 3	14° 6	4° 2	F 19
S 20	4 25 18	5°28'58	6♋53	26°19	11°53	28°58	15° 1	14°24	21°54	21°11	5°31	20°12	22° 0	14°13	4° 1	S 20
S 21	4 29 15	6°29'56	19° 9	27°22	13° 8	29°39	15° 7	14°31	21°54	21°12	5°31	20°D11	21°57	14°20	4° 0	S 21
M22	4 33 12	7°30'56	1♌36	28°20	14°23	0♓19	15°13	14°38	21°54	21°14	5°30	20°12	21°54	14°26	3°59	M22
T 23	4 37 8	8°31'56	14°17	29°13	15°38	1° 0	15°19	14°45	21°54	21°16	5°30	20°13	21°50	14°33	3°58	T 23
W24	4 41 5	9°32'58	27°17	29°59	16°53	1°41	15°24	14°52	21°D54	21°18	5°29	20°15	21°47	14°40	3°57	W24
T 25	4 45 1	10°34'01	10♍37	0♑41	18° 8	2°22	15°30	14°59	21°54	21°20	5°29	20°R15	21°44	14°47	3°57	T 25
F 26	4 48 58	11°35'04	24°20	1°15	19°24	3° 3	15°35	15° 6	21°54	21°21	5°28	20°15	21°41	14°53	3°56	F 26
S 27	4 52 54	12°36'09	8♎28	1°40	20°39	3°44	15°40	15°14	21°54	21°23	5°28	20°12	21°38	15° 0	3°55	S 27
S 28	4 56 51	13°37'15	22°59	1°57	21°54	4°25	15°45	15°21	21°55	21°25	5°28	20° 8	21°35	15° 7	3°55	S 28
M29	5 0 47	14°38'22	7♏50	2°R 3	23° 9	5° 6	15°50	15°28	21°55	21°27	5°27	20° 3	21°31	15°13	3°54	M29
T 30	5 4 44	15♐39'30	22♏54	1♑59	24♏24	5♓47	15♍55	15♐35	21♓55	21♑29	5♈27	19♑57	21♑28	15♉20	3♈54	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		⚸	☊	⚷	⚵	⚶	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
M 1	16s45	15s58	5s 0	22s 9	1s53	5s35	1n43	17s44	1s48	7n50	1n 5	21s 5	1n16	3s51	0s46	21s33	0n23	13s39	17s24	21s44	21s33	20n 8	4n 5	2n30	M 1
T 2	17 3	20 45	4 39	22 32	1 57	6 4	1 42	17 30	1 46	7 47	1 5	21 6	1 16	3 51	0 46	21 33	0 23	13 39	17 23	21 46	21 34	20 10	4 4	2 30	T 2
W 3	17 20	24 6	3 58	22 54	2 1	6 32	1 42	17 16	1 44	7 44	1 5	21 7	1 16	3 52	0 46	21 33	0 23	13 39	17 23	21 47	21 34	20 12	4 3	2 30	W 3
T 4	17 36	25 41	3 1	23 15	2 5	7 0	1 42	17 2	1 42	7 41	1 5	21 8	1 15	3 52	0 46	21 32	0 23	13 39	17 23	21 48	21 35	20 14	4 2	2 30	T 4
F 5	17 53	25 24	1 52	23 34	2 9	7 28	1 41	16 48	1 40	7 38	1 6	21 9	1 15	3 52	0 46	21 32	0 23	13 39	17 23	21 49	21 36	20 16	4 1	2 30	F 5
S 6	18 9	23 24	0 38	23 52	2 13	7 56	1 41	16 34	1 38	7 35	1 6	21 10	1 15	3 53	0 46	21 32	0 23	13 40	17 22	21 49	21 36	20 18	4 1	2 29	S 6
S 7	18 25	20 4	0n35	24 9	2 16	8 24	1 40	16 19	1 36	7 32	1 6	21 11	1 15	3 53	0 46	21 32	0 23	13 40	17 22	21 49	21 37	20 19	4 0	2 29	S 7
M 8	18 40	15 46	1 45	24 25	2 18	8 52	1 40	16 5	1 35	7 29	1 6	21 12	1 15	3 53	0 46	21 32	0 23	13 40	17 22	21 49	21 37	20 21	3 59	2 29	M 8
T 9	18 55	10 52	2 46	24 39	2 21	9 19	1 39	15 50	1 33	7 27	1 7	21 13	1 15	3 53	0 46	21 31	0 23	13 40	17 21	21 49	21 38	20 23	3 58	2 29	T 9
W10	19 10	5 39	3 39	24 52	2 23	9 47	1 38	15 35	1 31	7 24	1 7	21 14	1 15	3 54	0 46	21 31	0 23	13 40	17 21	21 49	21 38	20 25	3 57	2 29	W10
T 11	19 24	0 20	4 19	25 3	2 24	10 14	1 37	15 20	1 29	7 21	1 7	21 15	1 15	3 54	0 46	21 31	0 23	13 40	17 21	21 50	21 39	20 27	3 57	2 28	T 11
F 12	19 39	4n54	4 47	25 14	2 25	10 40	1 36	15 5	1 27	7 19	1 7	21 16	1 15	3 54	0 46	21 31	0 23	13 40	17 21	21 50	21 39	20 28	3 56	2 28	F 12
S 13	19 52	9 53	5 3	25 22	2 26	11 7	1 35	14 50	1 25	7 16	1 8	21 17	1 15	3 54	0 46	21 31	0 22	13 40	17 20	21 52	21 40	20 30	3 55	2 28	S 13
S 14	20 6	14 29	5 5	25 29	2 26	11 33	1 34	14 35	1 24	7 13	1 8	21 18	1 15	3 54	0 46	21 30	0 22	13 40	17 20	21 53	21 40	20 32	3 54	2 28	S 14
M15	20 19	18 31	4 54	25 35	2 25	12 0	1 33	14 19	1 22	7 11	1 8	21 19	1 14	3 55	0 46	21 30	0 22	13 40	17 20	21 55	21 41	20 34	3 54	2 28	M15
T 16	20 31	21 49	4 30	25 39	2 24	12 25	1 32	14 4	1 20	7 8	1 8	21 20	1 14	3 55	0 46	21 30	0 22	13 39	17 19	21 56	21 41	20 35	3 53	2 28	T 16
W17	20 43	24 12	3 54	25 42	2 22	12 51	1 30	13 48	1 18	7 6	1 8	21 20	1 14	3 55	0 46	21 30	0 22	13 39	17 19	21 58	21 42	20 37	3 52	2 27	W17
T 18	20 55	25 31	3 8	25 42	2 19	13 16	1 29	13 33	1 17	7 4	1 9	21 21	1 14	3 55	0 46	21 29	0 22	13 39	17 19	21 59	21 42	20 39	3 52	2 27	T 18
F 19	21 7	25 38	2 13	25 42	2 16	13 41	1 27	13 17	1 15	7 2	1 9	21 22	1 14	3 55	0 46	21 29	0 22	13 39	17 18	21 59	21 43	20 41	3 51	2 27	F 19
S 20	21 18	24 32	1 11	25 40	2 11	14 6	1 26	13 1	1 13	6 59	1 9	21 23	1 14	3 55	0 46	21 29	0 22	13 39	17 18	22 0	21 43	20 42	3 51	2 27	S 20
S 21	21 28	22 15	0 6	25 36	2 6	14 30	1 24	12 45	1 12	6 57	1 10	21 24	1 14	3 55	0 45	21 29	0 22	13 39	17 18	22 0	21 44	20 44	3 50	2 27	S 21
M22	21 39	18 53	1s 2	25 31	2 0	14 54	1 23	12 29	1 10	6 55	1 10	21 25	1 14	3 55	0 45	21 29	0 22	13 39	17 17	22 0	21 44	20 46	3 50	2 26	M22
T 23	21 48	14 34	2 7	25 24	1 53	15 17	1 21	12 13	1 8	6 53	1 10	21 26	1 14	3 55	0 45	21 28	0 22	13 39	17 17	22 0	21 45	20 48	3 49	2 26	T 23
W24	21 58	9 31	3 8	25 16	1 44	15 40	1 20	11 57	1 7	6 51	1 10	21 27	1 14	3 55	0 45	21 28	0 22	13 39	17 17	22 0	21 45	20 49	3 49	2 26	W24
T 25	22 7	3 55	4 0	25 6	1 34	16 3	1 18	11 41	1 5	6 49	1 11	21 27	1 14	3 55	0 45	21 28	0 22	13 39	17 16	22 0	21 46	20 51	3 48	2 26	T 25
F 26	22 15	2s 1	4 40	24 55	1 24	16 25	1 16	11 25	1 4	6 47	1 11	21 28	1 14	3 55	0 45	21 27	0 22	13 38	17 16	22 0	21 46	20 53	3 48	2 26	F 26
S 27	22 23	8 2	5 5	24 42	1 11	16 47	1 14	11 8	1 2	6 46	1 11	21 29	1 14	3 55	0 45	21 27	0 22	13 38	17 16	22 0	21 47	20 54	3 47	2 25	S 27
S 28	22 31	13 46	5 11	24 29	0 58	17 9	1 12	10 52	1 0	6 44	1 11	21 30	1 13	3 55	0 45	21 27	0 22	13 38	17 15	22 1	21 47	20 56	3 47	2 25	S 28
M29	22 38	18 50	4 56	24 14	0 43	17 30	1 10	10 35	0 59	6 42	1 12	21 31	1 13	3 55	0 45	21 27	0 22	13 38	17 15	22 1	21 48	20 58	3 46	2 25	M29
T 30	22s45	22s46	4s21	23s57	0s27	17s50	1n 8	10s19	0s57	6n41	1n12	21s32	1n13	3s54	0s45	21s26	0n22	13s38	17s15	22s 2	21s48	20n59	3n46	2n25	T 30

Julian Day Number = 2210431.5, Delta T = 09m24s
Ecliptic obliquity = 23°31'34, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°31'56, Lahiri = 14°38'57 Julian Calendar 1 Nov. 1339 == Greg. Calendar 9 Nov. 1339

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ASTRODIENST EPHEMERIS for the year 1339
geocentric

DECEMBER 1339 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	5 8 41	16♐40'38	8♐ 1	1°R44	25♏39	6♓29	15♍59	15♐42	21♓56	21♑31	5°R27	19°R52	21♑25	15♉27	3°R53	W 1
T 2	5 12 37	17°41'48	23° 2	1♑17	26°54	7°10	16° 3	15°49	21°56	21°33	5♈27	19♑49	21°22	15°34	3♈53	T 2
F 3	5 16 34	18°42'57	7♑47	0°39	28°10	7°51	16° 8	15°56	21°56	21°35	5°26	19°47	21°19	15°40	3°53	F 3
S 4	5 20 30	19°44'07	22°11	29♐49	29°25	8°32	16°12	16° 3	21°57	21°37	5°26	19°D46	21°16	15°47	3°53	S 4
S 5	5 24 27	20°45'17	6♒ 8	28°49	0♐40	9°14	16°15	16°10	21°57	21°39	5°26	19°47	21°12	15°54	3°52	S 5
M 6	5 28 23	21°46'28	19°38	27°39	1°55	9°55	16°19	16°17	21°58	21°41	5°26	19°49	21° 9	16° 0	3°52	M 6
T 7	5 32 20	22°47'38	2♓42	26°23	3°11	10°36	16°22	16°24	21°59	21°43	5°26	19°50	21° 6	16° 7	3°52	T 7
W 8	5 36 16	23°48'49	15°23	25° 3	4°26	11°18	16°26	16°31	21°59	21°45	5°26	19°51	21° 3	16°14	3°D52	W 8
T 9	5 40 13	24°49'59	27°45	23°41	5°41	11°59	16°29	16°38	22° 0	21°47	5°26	19°R52	21° 0	16°21	3°52	T 9
F 10	5 44 10	25°51'10	9♈53	22°19	6°56	12°41	16°32	16°45	22° 1	21°49	5°25	19°51	20°56	16°27	3°52	F 10
S 11	5 48 6	26°52'20	21°51	21° 1	8°12	13°22	16°34	16°52	22° 2	21°51	5°25	19°49	20°53	16°34	3°53	S 11
S 12	5 52 3	27°53'30	3♉43	19°50	9°27	14° 4	16°37	16°59	22° 3	21°53	5°D25	19°46	20°50	16°41	3°53	S 12
M13	5 55 59	28°54'41	15°34	18°45	10°42	14°45	16°39	17° 6	22° 4	21°55	5°25	19°42	20°47	16°47	3°53	M13
T 14	5 59 56	29°55'51	27°27	17°50	11°57	15°27	16°41	17°13	22° 5	21°58	5°25	19°39	20°44	16°54	3°53	T 14
W15	6 3 52	0♑57'01	9♊24	17° 5	13°13	16° 8	16°43	17°20	22° 6	22° 0	5°25	19°36	20°41	17° 1	3°54	W15
T 16	6 7 49	1°58'11	21°28	16°30	14°28	16°50	16°45	17°27	22° 7	22° 2	5°26	19°33	20°37	17° 8	3°54	T 16
F 17	6 11 46	2°59'22	3♋40	16° 6	15°43	17°31	16°47	17°34	22° 8	22° 4	5°26	19°31	20°34	17°14	3°55	F 17
S 18	6 15 42	4° 0'32	16° 2	15°51	16°58	18°13	16°48	17°40	22° 9	22° 6	5°26	19°D31	20°31	17°21	3°55	S 18
S 19	6 19 39	5° 1'42	28°35	15°D46	18°14	18°54	16°50	17°47	22°11	22° 8	5°26	19°31	20°28	17°28	3°56	S 19
M20	6 23 35	6° 2'52	11♌20	15°51	19°29	19°36	16°51	17°54	22°12	22°11	5°26	19°32	20°25	17°34	3°57	M20
T 21	6 27 32	7° 4'02	24°17	16° 3	20°44	20°17	16°51	18° 1	22°13	22°13	5°26	19°33	20°22	17°41	3°57	T 21
W22	6 31 28	8° 5'11	7♍29	16°23	22° 0	20°59	16°52	18° 8	22°15	22°15	5°26	19°34	20°18	17°48	3°58	W22
T 23	6 35 25	9° 6'21	20°56	16°50	23°15	21°40	16°53	18°14	22°16	22°17	5°27	19°35	20°15	17°54	3°59	T 23
F 24	6 39 21	10° 7'31	4♎39	17°23	24°30	22°22	16°53	18°21	22°18	22°20	5°27	19°R35	20°12	18° 1	4° 0	F 24
S 25	6 43 18	11° 8'41	18°37	18° 2	25°45	23° 3	16°R53	18°28	22°19	22°22	5°27	19°35	20° 9	18° 8	4° 1	S 25
S 26	6 47 15	12° 9'51	2♏52	18°46	27° 1	23°45	16°53	18°35	22°21	22°24	5°28	19°35	20° 6	18°15	4° 2	S 26
M27	6 51 11	13°11'01	17°19	19°35	28°16	24°26	16°52	18°41	22°23	22°26	5°28	19°34	20° 2	18°21	4° 3	M27
T 28	6 55 8	14°12'10	1♐56	20°28	29°31	25° 8	16°52	18°48	22°24	22°29	5°28	19°33	19°59	18°28	4° 4	T 28
W29	6 59 4	15°13'20	16°36	21°24	0♑47	25°50	16°51	18°54	22°26	22°31	5°29	19°33	19°56	18°35	4° 5	W29
T 30	7 3 1	16°14'29	1♑14	22°23	2° 2	26°31	16°50	19° 1	22°28	22°33	5°29	19°33	19°53	18°41	4° 7	T 30
F 31	7 6 57	17♑15'38	15♑43	23♐26	3♑17	27♓13	16♍49	19♐ 8	22♓30	22♑35	5♈29	19°D32	19♑50	18♉48	4♈ 8	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	22s51	25s 9	3s28	23s40	0s 9	18s10	1n 6	10s 2	0s56	6n39	1n12	21s32	1n13	3s54	0s45	21s26	0n22	13s37	17s14	22s 3	21s49	21n 1	3n46	2n25
T 2	22 57	25 41	2 21	23 22	0n 9	18 30	1 4	9 45	0 54	6 38	1 12	21 33	1 13	3 54	0 45	21 26	0 22	13 37	17 14	22 3	21 49	21 3	3 45	2 24
F 3	23 3	24 23	1 5	23 3	0 29	18 49	1 2	9 28	0 53	6 36	1 13	21 34	1 13	3 54	0 45	21 25	0 22	13 37	17 14	22 4	21 50	21 4	3 45	2 24
S 4	23 8	21 28	0n13	22 43	0 48	19 7	1 0	9 11	0 51	6 35	1 13	21 35	1 13	3 54	0 45	21 25	0 22	13 37	17 13	22 4	21 50	21 6	3 45	2 24
S 5	23 12	17 23	1 29	22 23	1 9	19 25	0 58	8 54	0 50	6 34	1 13	21 36	1 13	3 53	0 45	21 25	0 22	13 36	17 13	22 4	21 51	21 8	3 45	2 24
M 6	23 16	12 30	2 37	22 2	1 28	19 43	0 56	8 37	0 48	6 33	1 14	21 36	1 13	3 53	0 45	21 25	0 22	13 36	17 13	22 3	21 51	21 9	3 44	2 24
T 7	23 20	7 13	3 34	21 41	1 47	20 0	0 53	8 20	0 47	6 32	1 14	21 37	1 13	3 53	0 45	21 24	0 22	13 36	17 12	22 3	21 52	21 11	3 44	2 23
W 8	23 23	1 48	4 19	21 21	2 5	20 16	0 51	8 3	0 45	6 31	1 14	21 38	1 13	3 52	0 45	21 24	0 22	13 36	17 12	22 3	21 52	21 13	3 44	2 23
T 9	23 25	3n33	4 51	21 1	2 21	20 32	0 49	7 46	0 44	6 30	1 14	21 39	1 13	3 52	0 45	21 24	0 22	13 35	17 11	22 3	21 53	21 14	3 44	2 23
F 10	23 28	8 40	5 10	20 43	2 35	20 47	0 47	7 29	0 43	6 29	1 15	21 39	1 13	3 52	0 45	21 23	0 22	13 35	17 11	22 3	21 53	21 16	3 44	2 23
S 11	23 29	13 23	5 14	20 27	2 47	21 2	0 44	7 12	0 41	6 28	1 15	21 40	1 13	3 51	0 45	21 23	0 22	13 35	17 11	22 3	21 54	21 17	3 43	2 23
S 12	23 31	17 35	5 5	20 12	2 56	21 16	0 42	6 54	0 40	6 27	1 15	21 41	1 13	3 51	0 45	21 23	0 22	13 34	17 10	22 4	21 54	21 19	3 43	2 22
M13	23 31	21 4	4 43	20 0	3 3	21 29	0 39	6 37	0 38	6 27	1 15	21 41	1 13	3 51	0 45	21 22	0 22	13 34	17 10	22 4	21 55	21 21	3 43	2 22
T 14	23 32	23 42	4 9	19 51	3 8	21 42	0 37	6 20	0 37	6 26	1 16	21 42	1 13	3 50	0 45	21 22	0 22	13 34	17 10	22 5	21 55	21 22	3 43	2 22
W15	23 31	25 18	3 24	19 45	3 10	21 54	0 35	6 2	0 36	6 26	1 16	21 43	1 13	3 50	0 45	21 22	0 22	13 33	17 9	22 5	21 56	21 24	3 43	2 22
T 16	23 31	25 43	2 29	19 41	3 10	22 5	0 32	5 45	0 34	6 25	1 16	21 44	1 13	3 49	0 44	21 21	0 22	13 33	17 9	22 6	21 56	21 25	3 43	2 22
F 17	23 30	24 55	1 26	19 40	3 9	22 16	0 30	5 27	0 33	6 25	1 17	21 44	1 13	3 49	0 44	21 21	0 22	13 33	17 9	22 6	21 57	21 27	3 43	2 21
S 18	23 28	22 53	0 19	19 42	3 6	22 26	0 27	5 10	0 32	6 24	1 17	21 45	1 13	3 48	0 44	21 21	0 22	13 32	17 8	22 6	21 57	21 28	3 43	2 21
S 19	23 26	19 42	0s50	19 45	3 1	22 36	0 25	4 52	0 31	6 24	1 17	21 46	1 13	3 48	0 44	21 20	0 22	13 32	17 8	22 6	21 58	21 30	3 43	2 21
M20	23 23	15 33	1 58	19 51	2 56	22 44	0 22	4 35	0 29	6 24	1 17	21 46	1 12	3 47	0 44	21 20	0 22	13 31	17 7	22 6	21 58	21 32	3 43	2 21
T 21	23 20	10 38	3 1	19 59	2 49	22 52	0 20	4 17	0 28	6 24	1 18	21 47	1 12	3 46	0 44	21 20	0 22	13 31	17 7	22 6	21 59	21 33	3 44	2 21
W22	23 17	5 9	3 56	20 8	2 42	23 0	0 17	4 0	0 27	6 24	1 18	21 47	1 12	3 46	0 44	21 19	0 22	13 31	17 7	22 6	21 59	21 35	3 44	2 20
T 23	23 13	0s39	4 38	20 19	2 34	23 7	0 15	3 42	0 25	6 24	1 18	21 48	1 12	3 45	0 44	21 19	0 22	13 30	17 6	22 5	22 0	21 36	3 44	2 20
F 24	23 8	6 32	5 6	20 30	2 26	23 13	0 12	3 25	0 24	6 24	1 19	21 49	1 12	3 45	0 44	21 19	0 22	13 30	17 6	22 5	22 0	21 38	3 44	2 20
S 25	23 3	12 12	5 17	20 42	2 18	23 18	0 10	3 7	0 23	6 25	1 19	21 49	1 12	3 44	0 44	21 18	0 22	13 29	17 6	22 5	22 0	21 39	3 44	2 20
S 26	22 58	17 20	5 9	20 55	2 9	23 22	0 7	2 49	0 22	6 25	1 19	21 50	1 12	3 43	0 44	21 18	0 22	13 29	17 5	22 5	22 1	21 41	3 44	2 20
M27	22 52	21 33	4 41	21 8	2 0	23 26	0 5	2 32	0 21	6 25	1 19	21 50	1 12	3 43	0 44	21 18	0 22	13 28	17 5	22 6	22 1	21 42	3 45	2 19
T 28	22 46	24 27	3 55	21 21	1 50	23 29	0 2	2 14	0 19	6 26	1 20	21 51	1 12	3 42	0 44	21 17	0 22	13 28	17 4	22 6	22 2	21 44	3 45	2 19
W29	22 39	25 43	2 53	21 34	1 41	23 32	0s 0	1 57	0 18	6 26	1 20	21 52	1 12	3 41	0 44	21 17	0 22	13 27	17 4	22 6	22 2	21 45	3 45	2 19
T 30	22 32	25 11	1 40	21 47	1 32	23 34	0 3	1 39	0 17	6 27	1 20	21 52	1 12	3 40	0 44	21 16	0 22	13 27	17 4	22 6	22 3	21 47	3 46	2 19
F 31	22s24	22s57	0s21	22s 0	1n22	23s35	0s 5	1s21	0s16	6n28	1n21	21s53	1n12	3s40	0s44	21s16	0n22	13s26	17s 3	22s 6	22s 3	21n48	3n46	2n19

Julian Day Number = 2210461.5, Delta T = 09m24s
Ecliptic obliquity = 23°31'33, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°32'01, Lahiri = 14°39'01 Julian Calendar 1 Dec. 1339 == Greg. Calendar 9 Dec. 1339

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ASTRODIENST EPHEMERIS for the year 1340
geocentric

JANUARY 1340 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	7 10 54	18♑16'46	29♑57	24♐31	4♑33	27♓54	16°R48	19♐14	22♓31	22♑38	5♈30	19♑32	19♑47	18♉55	4♈ 9	S 1
S 2	7 14 50	19°17'53	13♒52	25°39	5°48	28°36	16♍47	19°20	22°33	22°40	5°30	19°R33	19°43	19° 2	4°11	S 2
M 3	7 18 47	20°18'59	27°24	26°48	7° 3	29°17	16°45	19°27	22°35	22°42	5°31	19°32	19°40	19° 8	4°12	M 3
T 4	7 22 44	21°20'05	10♓32	28° 0	8°18	29°59	16°43	19°33	22°37	22°44	5°31	19°32	19°37	19°15	4°13	T 4
W 5	7 26 40	22°21'10	23°19	29°13	9°34	0♈41	16°41	19°40	22°39	22°47	5°32	19°32	19°34	19°22	4°15	W 5
T 6	7 30 37	23°22'13	5♈46	0♑29	10°49	1°22	16°39	19°46	22°41	22°49	5°32	19°32	19°31	19°28	4°17	T 6
F 7	7 34 33	24°23'15	17°57	1°45	12° 4	2° 4	16°36	19°52	22°44	22°51	5°33	19°32	19°28	19°35	4°18	F 7
S 8	7 38 30	25°24'17	29°57	3° 3	13°20	2°45	16°34	19°58	22°46	22°54	5°34	19°D31	19°24	19°42	4°20	S 8
S 9	7 42 26	26°25'17	11♉50	4°23	14°35	3°27	16°31	20° 4	22°48	22°56	5°34	19°32	19°21	19°48	4°22	S 9
M10	7 46 23	27°26'16	23°41	5°43	15°50	4° 8	16°28	20°10	22°50	22°58	5°35	19°32	19°18	19°55	4°24	M10
T 11	7 50 19	28°27'14	5♊34	7° 5	17° 5	4°50	16°25	20°17	22°52	23° 0	5°35	19°33	19°15	20° 2	4°25	T 11
W12	7 54 16	29°28'11	17°34	8°28	18°21	5°31	16°21	20°23	22°55	23° 3	5°36	19°34	19°12	20° 9	4°27	W12
T 13	7 58 13	0♒29'07	29°44	9°51	19°36	6°13	16°18	20°29	22°57	23° 5	5°37	19°35	19° 8	20°15	4°29	T 13
F 14	8 2 9	1°30'01	12♋ 7	11°16	20°51	6°54	16°14	20°34	23° 0	23° 7	5°38	19°36	19° 5	20°22	4°31	F 14
S 15	8 6 6	2°30'54	24°44	12°42	22° 6	7°36	16°10	20°40	23° 2	23° 9	5°38	19°R36	19° 2	20°29	4°33	S 15
S 16	8 10 2	3°31'46	7♌37	14° 9	23°21	8°17	16° 6	20°46	23° 4	23°12	5°39	19°35	18°59	20°35	4°35	S 16
M17	8 13 59	4°32'37	20°46	15°36	24°37	8°58	16° 2	20°52	23° 7	23°14	5°40	19°34	18°56	20°42	4°38	M17
T 18	8 17 55	5°33'27	4♍ 8	17° 5	25°52	9°40	15°58	20°58	23° 9	23°16	5°41	19°32	18°53	20°49	4°40	T 18
W19	8 21 52	6°34'16	17°44	18°34	27° 7	10°21	15°53	21° 3	23°12	23°18	5°41	19°29	18°49	20°56	4°42	W19
T 20	8 25 48	7°35'03	1♎31	20° 4	28°22	11° 3	15°49	21° 9	23°15	23°21	5°42	19°27	18°46	21° 2	4°44	T 20
F 21	8 29 45	8°35'50	15°28	21°35	29°37	11°44	15°44	21°14	23°17	23°23	5°43	19°25	18°43	21° 9	4°46	F 21
S 22	8 33 42	9°36'35	29°31	23° 6	0♒52	12°25	15°39	21°20	23°20	23°25	5°44	19°24	18°40	21°16	4°49	S 22
S 23	8 37 38	10°37'20	13♏40	24°39	2° 8	13° 7	15°34	21°25	23°23	23°27	5°45	19°D23	18°37	21°22	4°51	S 23
M24	8 41 35	11°38'04	27°51	26°12	3°23	13°48	15°28	21°31	23°25	23°29	5°46	19°24	18°34	21°29	4°54	M24
T 25	8 45 31	12°38'46	12♐ 5	27°47	4°38	14°29	15°23	21°36	23°28	23°32	5°47	19°25	18°30	21°36	4°56	T 25
W26	8 49 28	13°39'28	26°17	29°22	5°53	15°10	15°17	21°41	23°31	23°34	5°48	19°27	18°27	21°42	4°59	W26
T 27	8 53 24	14°40'08	10♑25	0♒58	7° 8	15°52	15°11	21°46	23°34	23°36	5°49	19°28	18°24	21°49	5° 1	T 27
F 28	8 57 21	15°40'47	24°26	2°34	8°23	16°33	15° 5	21°51	23°37	23°38	5°50	19°R28	18°21	21°56	5° 4	F 28
S 29	9 1 17	16°41'25	8♒17	4°12	9°39	17°14	14°59	21°56	23°40	23°40	5°51	19°27	18°18	22° 3	5° 6	S 29
S 30	9 5 14	17°42'01	21°54	5°50	10°54	17°55	14°53	22° 1	23°42	23°42	5°52	19°24	18°14	22° 9	5° 9	S 30
M31	9 9 11	18♒42'35	5♓16	7♒30	12♒ 9	18♈36	14♍47	22♐ 6	23♓45	23♑45	5♈53	19♑20	18♑11	22♉16	5♈12	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22s16	19s18	0n58	22s12	1n13	23s35	0s 8	1s 4	0s15	6n28	1n21	21s53	1n12	3s39	0s44	21s16	0n22	13s26	17s 3	22s 6	22s 4	21n50	3n46	2n18
S 2	22 8	14 38	2 11	22 24	1 4	23 34	0 10	0 46	0 14	6 29	1 21	21 54	1 12	3 38	0 44	21 15	0 22	13 25	17 3	22 6	22 4	21 51	3 47	2 18
M 3	21 59	9 22	3 15	22 35	0 54	23 33	0 13	0 28	0 13	6 30	1 21	21 54	1 12	3 37	0 44	21 15	0 22	13 25	17 2	22 6	22 5	21 53	3 47	2 18
T 4	21 50	3 50	4 7	22 45	0 45	23 31	0 15	0 11	0 11	6 31	1 22	21 55	1 12	3 36	0 44	21 15	0 22	13 24	17 2	22 6	22 5	21 54	3 48	2 18
W 5	21 40	1n42	4 45	22 55	0 36	23 28	0 18	0n 7	0 10	6 32	1 22	21 55	1 12	3 36	0 44	21 14	0 22	13 24	17 2	22 6	22 6	21 56	3 48	2 18
T 6	21 30	7 1	5 8	23 4	0 28	23 25	0 20	0 24	0 9	6 33	1 22	21 56	1 12	3 35	0 44	21 14	0 22	13 23	17 1	22 6	22 6	21 57	3 48	2 17
F 7	21 19	11 57	5 17	23 12	0 19	23 21	0 22	0 42	0 8	6 34	1 23	21 56	1 12	3 34	0 44	21 14	0 22	13 23	17 1	22 6	22 7	21 58	3 49	2 17
S 8	21 8	16 21	5 12	23 19	0 10	23 16	0 25	0 59	0 7	6 36	1 23	21 57	1 12	3 33	0 44	21 13	0 22	13 22	17 1	22 6	22 7	22 0	3 49	2 17
S 9	20 57	20 5	4 54	23 25	0 2	23 10	0 27	1 17	0 6	6 37	1 23	21 57	1 12	3 32	0 44	21 13	0 22	13 22	17 0	22 6	22 7	22 1	3 50	2 17
M10	20 45	23 0	4 23	23 30	0s 6	23 4	0 29	1 34	0 5	6 38	1 23	21 58	1 12	3 31	0 44	21 12	0 22	13 21	17 0	22 6	22 8	22 3	3 51	2 17
T 11	20 33	24 56	3 41	23 34	0 14	22 57	0 32	1 52	0 4	6 40	1 24	21 58	1 12	3 30	0 44	21 12	0 22	13 21	17 0	22 6	22 8	22 4	3 51	2 17
W12	20 20	25 44	2 48	23 37	0 22	22 49	0 34	2 9	0 3	6 41	1 24	21 58	1 12	3 29	0 44	21 12	0 22	13 20	16 59	22 6	22 9	22 6	3 52	2 16
T 13	20 7	25 19	1 48	23 39	0 29	22 41	0 36	2 27	0 2	6 43	1 24	21 59	1 12	3 28	0 43	21 11	0 22	13 19	16 59	22 5	22 9	22 7	3 52	2 16
F 14	19 54	23 39	0 41	23 39	0 37	22 32	0 38	2 44	0 1	6 45	1 24	21 59	1 12	3 27	0 43	21 11	0 22	13 19	16 59	22 5	22 10	22 8	3 53	2 16
S 15	19 40	20 47	0s28	23 39	0 44	22 22	0 40	3 1	0n 0	6 46	1 25	22 0	1 12	3 26	0 43	21 11	0 22	13 18	16 58	22 5	22 10	22 10	3 54	2 16
S 16	19 26	16 51	1 38	23 37	0 51	22 12	0 43	3 19	0 1	6 48	1 25	22 0	1 12	3 25	0 43	21 10	0 22	13 18	16 58	22 5	22 11	22 11	3 54	2 16
M17	19 12	12 2	2 44	23 33	0 57	22 1	0 45	3 36	0 2	6 50	1 25	22 0	1 12	3 24	0 43	21 10	0 22	13 17	16 58	22 6	22 11	22 13	3 55	2 15
T 18	18 57	6 35	3 42	23 29	1 3	21 49	0 47	3 53	0 3	6 52	1 25	22 1	1 12	3 23	0 43	21 10	0 22	13 16	16 57	22 6	22 11	22 14	3 56	2 15
W19	18 42	0 45	4 28	23 23	1 10	21 36	0 49	4 10	0 4	6 54	1 26	22 1	1 12	3 22	0 43	21 9	0 22	13 16	16 57	22 6	22 12	22 15	3 56	2 15
T 20	18 26	5s12	5 0	23 16	1 15	21 23	0 51	4 28	0 5	6 56	1 26	22 2	1 12	3 21	0 43	21 9	0 21	13 15	16 57	22 7	22 12	22 17	3 57	2 15
F 21	18 11	10 56	5 14	23 7	1 21	21 10	0 52	4 45	0 6	6 58	1 26	22 2	1 12	3 20	0 43	21 8	0 21	13 15	16 56	22 7	22 13	22 18	3 58	2 15
S 22	17 55	16 10	5 10	22 57	1 26	20 55	0 54	5 2	0 7	7 0	1 26	22 2	1 12	3 19	0 43	21 8	0 21	13 14	16 56	22 7	22 13	22 19	3 59	2 15
S 23	17 38	20 34	4 48	22 46	1 31	20 40	0 56	5 19	0 8	7 3	1 27	22 3	1 12	3 18	0 43	21 8	0 21	13 13	16 56	22 7	22 14	22 21	3 59	2 14
M24	17 21	23 46	4 7	22 33	1 36	20 25	0 58	5 36	0 9	7 5	1 27	22 3	1 12	3 17	0 43	21 7	0 21	13 13	16 55	22 7	22 14	22 22	4 0	2 14
T 25	17 4	25 29	3 11	22 19	1 40	20 8	1 0	5 52	0 9	7 7	1 27	22 3	1 12	3 16	0 43	21 7	0 21	13 12	16 55	22 7	22 15	22 23	4 1	2 14
W26	16 47	25 33	2 4	22 4	1 44	19 52	1 1	6 9	0 10	7 10	1 27	22 3	1 13	3 15	0 43	21 7	0 21	13 12	16 55	22 7	22 15	22 25	4 2	2 14
T 27	16 30	23 56	0 50	21 46	1 48	19 34	1 3	6 26	0 11	7 12	1 28	22 4	1 13	3 13	0 43	21 6	0 21	13 11	16 55	22 6	22 15	22 26	4 3	2 14
F 28	16 12	20 52	0n27	21 28	1 52	19 16	1 5	6 43	0 12	7 15	1 28	22 4	1 13	3 12	0 43	21 6	0 21	13 10	16 54	22 6	22 16	22 27	4 4	2 14
S 29	15 53	16 38	1 41	21 8	1 55	18 58	1 6	6 59	0 13	7 17	1 28	22 4	1 13	3 11	0 43	21 5	0 21	13 10	16 54	22 7	22 16	22 29	4 5	2 14
S 30	15 35	11 36	2 49	20 46	1 57	18 39	1 8	7 16	0 14	7 20	1 28	22 5	1 13	3 10	0 43	21 5	0 21	13 9	16 54	22 7	22 17	22 30	4 6	2 13
M31	15s16	6s 8	3n45	20s23	2s 0	18s19	1s 9	7n33	0n15	7n22	1n28	22s 5	1n13	3s 9	0s43	21s 5	0n21	13s 8	16s54	22s 8	22s17	22n31	4n 7	2n13

Julian Day Number = 2210492.5, Delta T = 09m24s
Ecliptic obliquity = 23°31'33, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°32'05, Lahiri = 14°39'05 Julian Calendar 1 Jan. 1340 == Greg. Calendar 9 Jan. 1340

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ASTRODIENST EPHEMERIS for the year 1340
geocentric

FEBRUARY 1340 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 13 7	19♒43'08	18♓19	9♒10	13♒24	19♈18	14°R41	22♐11	23♓48	23♑47	5♈54	19°R15	18♑ 8	22♉23	5♈15	T 1
W 2	9 17 4	20°43'39	1♈ 4	10°51	14°39	19°59	14♍34	22°16	23°51	23°49	5°55	19♑10	18° 5	22°29	5°17	W 2
T 3	9 21 0	21°44'08	13°32	12°33	15°54	20°40	14°27	22°20	23°54	23°51	5°56	19° 5	18° 2	22°36	5°20	T 3
F 4	9 24 57	22°44'35	25°44	14°16	17° 9	21°21	14°21	22°25	23°57	23°53	5°57	19° 0	17°59	22°43	5°23	F 4
S 5	9 28 53	23°45'00	7♉45	16° 0	18°24	22° 2	14°14	22°30	24° 0	23°55	5°58	18°57	17°55	22°49	5°26	S 5
S 6	9 32 50	24°45'24	19°39	17°45	19°39	22°43	14° 7	22°34	24° 3	23°57	5°59	18°D56	17°52	22°56	5°29	S 6
M 7	9 36 46	25°45'45	1♊30	19°31	20°54	23°24	14° 0	22°38	24° 7	23°59	6° 0	18°56	17°49	23° 3	5°32	M 7
T 8	9 40 43	26°46'05	13°23	21°18	22° 9	24° 5	13°53	22°43	24°10	24° 1	6° 1	18°57	17°46	23°10	5°35	T 8
W 9	9 44 40	27°46'23	25°23	23° 6	23°24	24°46	13°45	22°47	24°13	24° 3	6° 3	18°59	17°43	23°16	5°38	W 9
T 10	9 48 36	28°46'38	7♋35	24°54	24°39	25°27	13°38	22°51	24°16	24° 5	6° 4	19° 0	17°39	23°23	5°41	T 10
F 11	9 52 33	29°46'52	20° 4	26°44	25°54	26° 8	13°31	22°55	24°19	24° 7	6° 5	19°R 1	17°36	23°30	5°44	F 11
S 12	9 56 29	0♓47'03	2♌52	28°35	27° 9	26°49	13°23	22°59	24°22	24° 9	6° 6	19° 0	17°33	23°36	5°47	S 12
S 13	10 0 26	1°47'13	16° 2	0♓27	28°24	27°30	13°16	23° 3	24°26	24°11	6° 7	18°57	17°30	23°43	5°50	S 13
M14	10 4 22	2°47'20	29°32	2°20	29°39	28°11	13° 8	23° 7	24°29	24°13	6° 9	18°52	17°27	23°50	5°53	M14
T 15	10 8 19	3°47'26	13♍21	4°13	0♓54	28°52	13° 1	23°11	24°32	24°14	6°10	18°45	17°24	23°56	5°56	T 15
W16	10 12 15	4°47'30	27°26	6° 8	2° 9	29°32	12°53	23°14	24°35	24°16	6°11	18°37	17°20	24° 3	6° 0	W16
T 17	10 16 12	5°47'32	11♎42	8° 3	3°24	0♉13	12°46	23°18	24°39	24°18	6°12	18°30	17°17	24°10	6° 3	T 17
F 18	10 20 9	6°47'32	26° 3	9°59	4°38	0°54	12°38	23°22	24°42	24°20	6°14	18°23	17°14	24°16	6° 6	F 18
S 19	10 24 5	7°47'31	10♏24	11°56	5°53	1°35	12°30	23°25	24°45	24°22	6°15	18°18	17°11	24°23	6° 9	S 19
S 20	10 28 2	8°47'28	24°41	13°53	7° 8	2°15	12°22	23°28	24°49	24°23	6°16	18°15	17° 8	24°30	6°13	S 20
M21	10 31 58	9°47'24	8♐52	15°50	8°23	2°56	12°14	23°32	24°52	24°25	6°17	18°D14	17° 5	24°37	6°16	M21
T 22	10 35 55	10°47'17	22°54	17°48	9°38	3°37	12° 7	23°35	24°55	24°27	6°19	18°15	17° 1	24°43	6°19	T 22
W23	10 39 51	11°47'10	6♑47	19°46	10°52	4°17	11°59	23°38	24°59	24°29	6°20	18°16	16°58	24°50	6°23	W23
T 24	10 43 48	12°47'00	20°31	21°43	12° 7	4°58	11°51	23°41	25° 2	24°30	6°21	18°R16	16°55	24°57	6°26	T 24
F 25	10 47 44	13°46'49	4♒ 6	23°40	13°22	5°39	11°43	23°44	25° 5	24°32	6°23	18°15	16°52	25° 3	6°30	F 25
S 26	10 51 41	14°46'36	17°30	25°36	14°37	6°19	11°35	23°47	25° 9	24°34	6°24	18°11	16°49	25°10	6°33	S 26
S 27	10 55 38	15°46'21	0♓44	27°31	15°52	7° 0	11°28	23°49	25°12	24°35	6°25	18° 5	16°45	25°17	6°36	S 27
M28	10 59 34	16°46'04	13°45	29°24	17° 6	7°40	11°20	23°52	25°16	24°37	6°27	17°56	16°42	25°23	6°40	M28
T 29	11 3 31	17♓45'44	26♓34	1♈16	18♓21	8♉21	11♍12	23♐54	25♓19	24♑38	6♈28	17♑46	16♑39	25♉30	6♈43	T 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	14s57	0s32	4n28	19s59	2s 2	17s59	1s10	7n49	0n15	7n25	1n29	22s 5	1n13	3s 8	0s43	21s 4	0n21	13s 8	16s53	22s 8	22s18	22n32	4n 7	2n13
W 2	14 38	4n57	4 57	19 33	2 3	17 38	1 12	8 5	0 16	7 28	1 29	22 5	1 13	3 6	0 43	21 4	0 21	13 7	16 53	22 9	22 18	22 34	4 8	2 13
T 3	14 19	10 7	5 10	19 6	2 5	17 17	1 13	8 22	0 17	7 30	1 29	22 6	1 13	3 5	0 43	21 4	0 21	13 6	16 53	22 10	22 18	22 35	4 9	2 13
F 4	13 59	14 47	5 10	18 36	2 5	16 56	1 14	8 38	0 18	7 33	1 29	22 6	1 13	3 4	0 43	21 3	0 21	13 6	16 52	22 10	22 19	22 36	4 10	2 13
S 5	13 39	18 48	4 55	18 6	2 6	16 34	1 15	8 54	0 19	7 36	1 29	22 6	1 13	3 3	0 43	21 3	0 21	13 5	16 52	22 11	22 19	22 38	4 11	2 12
S 6	13 19	22 1	4 28	17 34	2 6	16 11	1 16	9 10	0 19	7 39	1 29	22 6	1 13	3 1	0 43	21 3	0 21	13 4	16 52	22 11	22 20	22 39	4 12	2 12
M 7	12 59	24 17	3 50	17 0	2 5	15 48	1 18	9 26	0 20	7 42	1 30	22 6	1 13	3 0	0 43	21 2	0 21	13 4	16 52	22 11	22 20	22 40	4 14	2 12
T 8	12 38	25 30	3 2	16 25	2 4	15 25	1 19	9 42	0 21	7 45	1 30	22 7	1 13	2 59	0 43	21 2	0 21	13 3	16 52	22 11	22 21	22 41	4 15	2 12
W 9	12 17	25 32	2 5	15 48	2 3	15 1	1 19	9 58	0 22	7 48	1 30	22 7	1 13	2 58	0 43	21 2	0 21	13 2	16 51	22 11	22 21	22 43	4 16	2 12
T 10	11 56	24 20	1 2	15 10	2 1	14 37	1 20	10 14	0 22	7 50	1 30	22 7	1 13	2 56	0 43	21 1	0 21	13 2	16 51	22 10	22 21	22 44	4 17	2 12
F 11	11 35	21 55	0s 6	14 30	1 59	14 12	1 21	10 29	0 23	7 53	1 30	22 7	1 13	2 55	0 43	21 1	0 21	13 1	16 51	22 10	22 22	22 45	4 18	2 12
S 12	11 14	18 23	1 15	13 49	1 56	13 47	1 22	10 45	0 24	7 56	1 30	22 7	1 13	2 54	0 43	21 1	0 21	13 0	16 51	22 10	22 22	22 46	4 19	2 11
S 13	10 53	13 51	2 21	13 7	1 53	13 22	1 23	11 0	0 25	7 59	1 30	22 8	1 13	2 53	0 43	21 0	0 21	13 0	16 50	22 11	22 23	22 47	4 20	2 11
M14	10 31	8 32	3 21	12 22	1 49	12 56	1 23	11 16	0 25	8 2	1 31	22 8	1 13	2 51	0 43	21 0	0 21	12 59	16 50	22 12	22 23	22 49	4 21	2 11
T 15	10 9	2 42	4 11	11 37	1 44	12 30	1 24	11 31	0 26	8 5	1 31	22 8	1 13	2 50	0 43	21 0	0 21	12 58	16 50	22 13	22 23	22 50	4 22	2 11
W16	9 47	3s22	4 47	10 50	1 39	12 4	1 24	11 46	0 27	8 8	1 31	22 8	1 13	2 49	0 43	20 59	0 21	12 58	16 50	22 14	22 24	22 51	4 24	2 11
T 17	9 25	9 19	5 5	10 2	1 33	11 37	1 25	12 1	0 27	8 12	1 31	22 8	1 13	2 47	0 43	20 59	0 21	12 57	16 50	22 15	22 24	22 52	4 25	2 11
F 18	9 3	14 49	5 5	9 12	1 27	11 10	1 25	12 16	0 28	8 15	1 31	22 8	1 13	2 46	0 43	20 59	0 21	12 56	16 50	22 16	22 25	22 53	4 26	2 11
S 19	8 41	19 30	4 45	8 21	1 20	10 42	1 25	12 31	0 29	8 18	1 31	22 8	1 13	2 45	0 43	20 58	0 21	12 56	16 49	22 16	22 25	22 55	4 27	2 11
S 20	8 18	23 1	4 8	7 29	1 13	10 15	1 26	12 46	0 29	8 21	1 31	22 8	1 13	2 43	0 43	20 58	0 21	12 55	16 49	22 17	22 25	22 56	4 28	2 10
M21	7 56	25 5	3 16	6 36	1 5	9 47	1 26	13 0	0 30	8 24	1 31	22 9	1 14	2 42	0 43	20 58	0 21	12 55	16 49	22 17	22 26	22 57	4 29	2 10
T 22	7 33	25 32	2 12	5 42	0 57	9 19	1 26	13 15	0 31	8 27	1 31	22 9	1 14	2 41	0 43	20 57	0 21	12 54	16 49	22 17	22 26	22 58	4 31	2 10
W23	7 10	24 22	1 1	4 48	0 47	8 50	1 26	13 29	0 31	8 30	1 31	22 9	1 14	2 39	0 43	20 57	0 21	12 53	16 49	22 17	22 27	22 59	4 32	2 10
T 24	6 47	21 45	0n12	3 52	0 38	8 22	1 26	13 44	0 32	8 33	1 31	22 9	1 14	2 38	0 43	20 57	0 21	12 53	16 49	22 16	22 27	23 0	4 33	2 10
F 25	6 24	17 57	1 24	2 57	0 27	7 53	1 26	13 58	0 33	8 36	1 31	22 9	1 14	2 37	0 43	20 57	0 21	12 52	16 48	22 17	22 27	23 1	4 34	2 10
S 26	6 1	13 16	2 30	2 1	0 17	7 24	1 26	14 12	0 33	8 39	1 31	22 9	1 14	2 35	0 43	20 56	0 21	12 51	16 48	22 17	22 28	23 3	4 36	2 10
S 27	5 38	8 2	3 27	1 5	0 6	6 54	1 25	14 26	0 34	8 42	1 31	22 9	1 14	2 34	0 43	20 56	0 21	12 51	16 48	22 18	22 28	23 4	4 37	2 10
M28	5 15	2 32	4 12	0 9	0n 6	6 25	1 25	14 40	0 34	8 45	1 31	22 9	1 14	2 32	0 43	20 56	0 21	12 50	16 48	22 19	22 29	23 5	4 38	2 10
T 29	4s51	2n58	4n43	0n47	0n18	5s55	1s25	14n53	0n35	8n48	1n32	22s 9	1n14	2s31	0s43	20s55	0n21	12s49	16s48	22s21	22s29	23n 6	4n40	2n 9

Julian Day Number = 2210523.5, Delta T = 09m24s
Ecliptic obliquity = 23°31'33, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°32'09, Lahiri = 14°39'10 Julian Calendar 1 Feb. 1340 == Greg. Calendar 9 Feb. 1340

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ASTRODIENST EPHEMERIS for the year 1340
geocentric

MARCH 1340 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	11 7 27	18♓45'23	9♈ 9	3♈ 4	19♓36	9♉ 1	11°R 4	23♐57	25♓22	24♑40	6♈30	17°R34	16♑36	25♉37	6♈47	W 1
T 2	11 11 24	19°45'00	21°31	4°50	20°50	9°42	10♍57	23°59	25°26	24°41	6°31	17♑23	16°33	25°43	6°50	T 2
F 3	11 15 20	20°44'34	3♉40	6°33	22° 5	10°22	10°49	24° 1	25°29	24°43	6°32	17°13	16°30	25°50	6°54	F 3
S 4	11 19 17	21°44'07	15°40	8°12	23°20	11° 2	10°42	24° 4	25°33	24°44	6°34	17° 5	16°26	25°57	6°57	S 4
S 5	11 23 13	22°43'37	27°32	9°46	24°34	11°43	10°34	24° 6	25°36	24°46	6°35	16°59	16°23	26° 4	7° 1	S 5
M 6	11 27 10	23°43'04	9♊21	11°16	25°49	12°23	10°27	24° 8	25°39	24°47	6°36	16°56	16°20	26°10	7° 5	M 6
T 7	11 31 7	24°42'30	21°13	12°41	27° 3	13° 3	10°19	24°10	25°43	24°48	6°38	16°D55	16°17	26°17	7° 8	T 7
W 8	11 35 3	25°41'53	3♋11	14° 1	28°18	13°44	10°12	24°11	25°46	24°50	6°39	16°55	16°14	26°24	7°12	W 8
T 9	11 39 0	26°41'14	15°22	15°14	29°33	14°24	10° 5	24°13	25°50	24°51	6°41	16°R55	16°11	26°30	7°15	T 9
F 10	11 42 56	27°40'32	27°52	16°22	0♈47	15° 4	9°57	24°15	25°53	24°52	6°42	16°55	16° 7	26°37	7°19	F 10
S 11	11 46 53	28°39'48	10♌43	17°23	2° 2	15°44	9°50	24°16	25°57	24°54	6°44	16°52	16° 4	26°44	7°23	S 11
S 12	11 50 49	29°39'02	24° 0	18°17	3°16	16°25	9°43	24°18	26° 0	24°55	6°45	16°48	16° 1	26°50	7°26	S 12
M13	11 54 46	0♈38'14	7♍43	19° 5	4°31	17° 5	9°36	24°19	26° 3	24°56	6°46	16°40	15°58	26°57	7°30	M13
T 14	11 58 42	1°37'23	21°51	19°45	5°45	17°45	9°30	24°20	26° 7	24°57	6°48	16°31	15°55	27° 4	7°33	T 14
W15	12 2 39	2°36'30	6♎20	20°19	6°59	18°25	9°23	24°21	26°10	24°58	6°49	16°20	15°51	27°10	7°37	W15
T 16	12 6 35	3°35'35	21° 2	20°46	8°14	19° 5	9°16	24°22	26°14	25° 0	6°51	16° 8	15°48	27°17	7°41	T 16
F 17	12 10 32	4°34'38	5♏51	21° 5	9°28	19°45	9°10	24°23	26°17	25° 1	6°52	15°58	15°45	27°24	7°44	F 17
S 18	12 14 29	5°33'39	20°37	21°17	10°43	20°25	9° 3	24°24	26°21	25° 2	6°54	15°50	15°42	27°31	7°48	S 18
S 19	12 18 25	6°32'39	5♐13	21°R23	11°57	21° 5	8°57	24°25	26°24	25° 3	6°55	15°45	15°39	27°37	7°52	S 19
M20	12 22 22	7°31'37	19°35	21°21	13°11	21°45	8°51	24°25	26°27	25° 4	6°56	15°42	15°36	27°44	7°55	M20
T 21	12 26 18	8°30'33	3♑40	21°13	14°25	22°25	8°45	24°26	26°31	25° 5	6°58	15°41	15°32	27°51	7°59	T 21
W22	12 30 15	9°29'27	17°29	20°59	15°40	23° 5	8°39	24°26	26°34	25° 6	6°59	15°41	15°29	27°57	8° 3	W22
T 23	12 34 11	10°28'19	1♒ 0	20°39	16°54	23°45	8°33	24°27	26°37	25° 6	7° 1	15°41	15°26	28° 4	8° 6	T 23
F 24	12 38 8	11°27'10	14°18	20°13	18° 8	24°24	8°28	24°27	26°41	25° 7	7° 2	15°38	15°23	28°11	8°10	F 24
S 25	12 42 4	12°25'59	27°22	19°43	19°23	25° 4	8°22	24°27	26°44	25° 8	7° 4	15°34	15°20	28°17	8°13	S 25
S 26	12 46 1	13°24'46	10♓14	19° 9	20°37	25°44	8°17	24°R27	26°47	25° 9	7° 5	15°26	15°16	28°24	8°17	S 26
M27	12 49 58	14°23'31	22°56	18°31	21°51	26°24	8°12	24°27	26°51	25°10	7° 7	15°15	15°13	28°31	8°21	M27
T 28	12 53 54	15°22'14	5♈27	17°51	23° 5	27° 4	8° 7	24°27	26°54	25°11	7° 8	15° 2	15°10	28°37	8°24	T 28
W29	12 57 51	16°20'56	17°48	17° 9	24°19	27°43	8° 2	24°26	26°57	25°11	7° 9	14°48	15° 7	28°44	8°28	W29
T 30	13 1 47	17°19'35	29°59	16°25	25°33	28°23	7°57	24°26	27° 1	25°12	7°11	14°34	15° 4	28°51	8°32	T 30
F 31	13 5 44	18♈18'12	12♉ 1	15♈42	26♈48	29♉ 3	7♍53	24♐26	27♓ 4	25♑13	7♈12	14♑22	15♑ 1	28♉57	8♈35	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
W 1	4s28	8n14	5n 0	1n41	0n30	5s26	1s24	15n 7	0n36	8n51	1n32	22s 9	1n14	2s30	0s43	20s55	0n21	12s49	16s48	22s22	22s29	23n 7	4n41	2n 9	
T 2	4 4	13 5	5 3	2 35	0 43	4 56	1 24	15 21	0 36	8 54	1 32	22 9	1 14	2 28	0 43	20 55	0 21	12 48	16 48	22 23	22 30	23 8	4 42	2 9	
F 3	3 41	17 21	4 51	3 27	0 55	4 26	1 23	15 34	0 37	8 57	1 32	22 9	1 14	2 27	0 43	20 55	0 21	12 47	16 48	22 25	22 30	23 9	4 43	2 9	
S 4	3 17	20 50	4 27	4 18	1 8	3 56	1 23	15 47	0 37	9 0	1 32	22 9	1 14	2 26	0 43	20 54	0 21	12 47	16 47	22 26	22 31	23 10	4 45	2 9	
S 5	2 54	23 26	3 51	5 7	1 21	3 25	1 22	16 0	0 38	9 3	1 32	22 9	1 14	2 24	0 43	20 54	0 21	12 46	16 47	22 27	22 31	23 11	4 46	2 9	
M 6	2 30	25 0	3 6	5 54	1 33	2 55	1 22	16 13	0 39	9 5	1 31	22 10	1 14	2 23	0 43	20 54	0 21	12 46	16 47	22 27	22 31	23 12	4 47	2 9	
T 7	2 7	25 26	2 12	6 39	1 45	2 25	1 21	16 26	0 39	9 8	1 31	22 10	1 14	2 22	0 43	20 54	0 21	12 45	16 47	22 27	22 32	23 13	4 49	2 9	
W 8	1 43	24 42	1 12	7 21	1 57	1 54	1 20	16 39	0 40	9 11	1 31	22 10	1 14	2 20	0 43	20 53	0 21	12 44	16 47	22 27	22 32	23 14	4 50	2 9	
T 9	1 19	22 46	0 8	8 0	2 9	1 23	1 19	16 51	0 40	9 14	1 31	22 10	1 14	2 19	0 42	20 53	0 21	12 44	16 47	22 27	22 33	23 16	4 51	2 9	
F 10	0 56	19 43	0s58	8 36	2 20	0 53	1 18	17 4	0 41	9 16	1 31	22 10	1 14	2 17	0 42	20 53	0 21	12 43	16 47	22 27	22 33	23 17	4 53	2 9	
S 11	0 32	15 38	2 3	9 9	2 30	0 22	1 17	17 16	0 41	9 19	1 31	22 10	1 15	2 16	0 42	20 53	0 21	12 42	16 47	22 27	22 33	23 18	4 54	2 8	
S 12	0 8	10 41	3 3	9 39	2 39	0n 8	1 16	17 28	0 42	9 22	1 31	22 10	1 15	2 15	0 42	20 52	0 21	12 42	16 47	22 28	22 34	23 19	4 56	2 8	
M13	0n15	5 4	3 55	10 5	2 48	0 39	1 15	17 40	0 42	9 24	1 31	22 10	1 15	2 13	0 42	20 52	0 21	12 41	16 47	22 29	22 34	23 20	4 57	2 8	
T 14	0 39	0s57	4 34	10 28	2 56	1 10	1 14	17 52	0 43	9 27	1 31	22 10	1 15	2 12	0 42	20 52	0 21	12 41	16 47	22 30	22 34	23 21	4 58	2 8	
W15	1 2	7 3	4 56	10 47	3 2	1 40	1 13	18 4	0 43	9 29	1 31	22 10	1 15	2 11	0 42	20 52	0 21	12 40	16 47	22 31	22 35	23 22	5 0	2 8	
T 16	1 26	12 52	5 0	11 2	3 8	2 11	1 11	18 15	0 44	9 32	1 31	22 10	1 15	2 9	0 42	20 52	0 21	12 40	16 47	22 33	22 35	23 23	5 1	2 8	
F 17	1 50	17 58	4 43	11 13	3 12	2 42	1 10	18 27	0 44	9 34	1 31	22 10	1 15	2 8	0 42	20 51	0 21	12 39	16 47	22 34	22 36	23 24	5 2	2 8	
S 18	2 13	21 57	4 8	11 21	3 15	3 12	1 9	18 38	0 45	9 36	1 31	22 10	1 15	2 7	0 42	20 51	0 21	12 38	16 47	22 35	22 36	23 25	5 4	2 8	
S 19	2 36	24 28	3 16	11 24	3 17	3 43	1 7	18 49	0 45	9 38	1 31	22 10	1 15	2 5	0 42	20 51	0 21	12 38	16 47	22 36	22 36	23 26	5 5	2 8	
M20	3 0	25 20	2 13	11 24	3 17	4 13	1 6	19 0	0 46	9 41	1 31	22 10	1 15	2 4	0 43	20 51	0 21	12 37	16 47	22 36	22 37	23 27	5 7	2 8	
T 21	3 23	24 32	1 3	11 20	3 16	4 43	1 4	19 11	0 46	9 43	1 30	22 9	1 15	2 2	0 43	20 51	0 21	12 37	16 47	22 36	22 37	23 28	5 8	2 8	
W22	3 46	22 13	0n 9	11 12	3 13	5 14	1 2	19 22	0 47	9 45	1 30	22 9	1 15	2 1	0 43	20 51	0 21	12 36	16 47	22 36	22 37	23 29	5 9	2 8	
T 23	4 10	18 42	1 20	11 0	3 9	5 44	1 1	19 32	0 47	9 47	1 30	22 9	1 15	2 0	0 43	20 50	0 21	12 36	16 47	22 36	22 38	23 30	5 11	2 8	
F 24	4 33	14 17	2 25	10 45	3 3	6 14	0 59	19 42	0 47	9 49	1 30	22 9	1 15	1 58	0 43	20 50	0 21	12 35	16 47	22 36	22 38	23 30	5 12	2 8	
S 25	4 56	9 17	3 21	10 27	2 55	6 44	0 57	19 53	0 48	9 51	1 30	22 9	1 15	1 57	0 43	20 50	0 21	12 34	16 47	22 37	22 38	23 31	5 13	2 7	
S 26	5 19	3 58	4 6	10 5	2 46	7 13	0 56	20 3	0 48	9 53	1 30	22 9	1 15	1 56	0 43	20 50	0 21	12 34	16 47	22 38	22 39	23 32	5 15	2 7	
M27	5 42	1n26	4 38	9 41	2 36	7 43	0 54	20 12	0 49	9 55	1 30	22 9	1 15	1 55	0 43	20 50	0 21	12 33	16 47	22 39	22 39	23 33	5 16	2 7	
T 28	6 4	6 41	4 56	9 15	2 24	8 12	0 52	20 22	0 49	9 56	1 30	22 9	1 15	1 53	0 43	20 50	0 21	12 33	16 47	22 40	22 40	23 34	5 18	2 7	
W29	6 27	11 36	4 59	8 47	2 11	8 41	0 50	20 32	0 50	9 58	1 29	22 9	1 15	1 52	0 43	20 50	0 21	12 32	16 47	22 42	22 40	23 35	5 19	2 7	
T 30	6 50	16 0	4 49	8 17	1 57	9 10	0 48	20 41	0 50	10 0	1 29	22 9	1 16	1 51	0 43	20 49	0 21	12 32	16 47	22 44	22 40	23 36	5 20	2 7	
F 31	7n12	19n43	4n26	7n46	1n42	9n39	0s46	20n50	0n50	10n 1	1n29	22s 9	1n16	1s49	0s43	20s49	0n21	12s31	16s47	22s45	22s41	23n37	5n22	2n 7	

Julian Day Number = 2210552.5, Delta T = 09m23s
Ecliptic obliquity = 23°31'33, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°32'13, Lahiri = 14°39'14 Julian Calendar 1 March 1340 == Greg. Calendar 9 March 1340

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ASTRODIENST EPHEMERIS for the year 1340
geocentric

APRIL 1340 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	13 9 40	19♈16'47	23♉56	14°R59	28♈ 2	29♉42	7°R48	24°R25	27♓ 7	25♑13	7♈14	14°R11	14♑57	29♉ 4	8♈39	S 1
S 2	13 13 37	20°15'21	5♊46	14♈18	29°16	0♊22	7♍44	24♐24	27°10	25°14	7°15	14♑ 4	14°54	29°11	8°42	S 2
M 3	13 17 33	21°13'52	17°34	13°38	0♉30	1° 2	7°40	24°24	27°14	25°14	7°16	13°59	14°51	29°18	8°46	M 3
T 4	13 21 30	22°12'21	29°24	13° 1	1°44	1°41	7°36	24°23	27°17	25°15	7°18	13°56	14°48	29°24	8°50	T 4
W 5	13 25 27	23°10'48	11♋21	12°28	2°58	2°21	7°32	24°22	27°20	25°15	7°19	13°D56	14°45	29°31	8°53	W 5
T 6	13 29 23	24° 9'12	23°30	11°58	4°12	3° 0	7°29	24°21	27°23	25°16	7°21	13°R56	14°42	29°38	8°57	T 6
F 7	13 33 20	25° 7'35	5♌56	11°32	5°26	3°40	7°25	24°20	27°26	25°16	7°22	13°55	14°38	29°44	9° 0	F 7
S 8	13 37 16	26° 5'55	18°45	11°10	6°40	4°19	7°22	24°18	27°29	25°17	7°23	13°53	14°35	29°51	9° 4	S 8
S 9	13 41 13	27° 4'13	2♍ 1	10°54	7°54	4°59	7°19	24°17	27°32	25°17	7°25	13°49	14°32	29°58	9° 7	S 9
M10	13 45 9	28° 2'30	15°46	10°41	9° 8	5°38	7°16	24°16	27°35	25°17	7°26	13°43	14°29	0♊ 4	9°11	M10
T 11	13 49 6	29° 0'44	29°59	10°34	10°21	6°18	7°13	24°14	27°39	25°17	7°28	13°34	14°26	0°11	9°14	T 11
W12	13 53 2	29°58'56	14♎39	10°D32	11°35	6°57	7°11	24°13	27°42	25°18	7°29	13°24	14°22	0°18	9°18	W12
T 13	13 56 59	0♉57'06	29°37	10°34	12°49	7°36	7° 9	24°11	27°45	25°18	7°30	13°13	14°19	0°24	9°21	T 13
F 14	14 0 56	1°55'14	14♏45	10°42	14° 3	8°16	7° 6	24° 9	27°48	25°18	7°32	13° 4	14°16	0°31	9°25	F 14
S 15	14 4 52	2°53'21	29°52	10°54	15°17	8°55	7° 4	24° 7	27°51	25°18	7°33	12°56	14°13	0°38	9°28	S 15
S 16	14 8 49	3°51'27	14♐49	11°10	16°30	9°34	7° 3	24° 5	27°53	25°18	7°34	12°51	14°10	0°44	9°31	S 16
M17	14 12 45	4°49'31	29°29	11°32	17°44	10°13	7° 1	24° 3	27°56	25°18	7°35	12°48	14° 7	0°51	9°35	M17
T 18	14 16 42	5°47'33	13♑47	11°57	18°58	10°53	7° 0	24° 1	27°59	25°19	7°37	12°D48	14° 3	0°58	9°38	T 18
W19	14 20 38	6°45'34	27°41	12°27	20°12	11°32	6°58	23°59	28° 2	25°R19	7°38	12°48	14° 0	1° 4	9°41	W19
T 20	14 24 35	7°43'34	11♒14	13° 1	21°25	12°11	6°57	23°57	28° 5	25°19	7°39	12°R48	13°57	1°11	9°45	T 20
F 21	14 28 31	8°41'32	24°25	13°39	22°39	12°50	6°56	23°54	28° 8	25°19	7°41	12°47	13°54	1°18	9°48	F 21
S 22	14 32 28	9°39'29	7♓19	14°21	23°53	13°29	6°56	23°52	28°11	25°18	7°42	12°44	13°51	1°24	9°51	S 22
S 23	14 36 25	10°37'25	19°59	15° 6	25° 6	14° 9	6°55	23°49	28°13	25°18	7°43	12°38	13°48	1°31	9°55	S 23
M24	14 40 21	11°35'19	2♈25	15°55	26°20	14°48	6°55	23°47	28°16	25°18	7°44	12°30	13°44	1°38	9°58	M24
T 25	14 44 18	12°33'12	14°42	16°47	27°33	15°27	6°D55	23°44	28°19	25°18	7°46	12°20	13°41	1°45	10° 1	T 25
W26	14 48 14	13°31'03	26°50	17°42	28°47	16° 6	6°55	23°41	28°21	25°18	7°47	12° 9	13°38	1°51	10° 4	W26
T 27	14 52 11	14°28'54	8♉50	18°41	0♊ 1	16°45	6°55	23°38	28°24	25°18	7°48	11°58	13°35	1°58	10° 7	T 27
F 28	14 56 7	15°26'42	20°45	19°43	1°14	17°24	6°55	23°35	28°27	25°17	7°49	11°48	13°32	2° 5	10°11	F 28
S 29	15 0 4	16°24'30	2♊36	20°47	2°28	18° 3	6°56	23°32	28°29	25°17	7°50	11°40	13°28	2°11	10°14	S 29
S 30	15 4 0	17♉22'15	14♊24	21♈55	3♊41	18♊42	6♍56	23♐29	28♓32	25♑17	7♈52	11♑34	13♑25	2♊18	10♈17	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	7n34	22n34	3n52	7n15	1n27	10n 8	0s44	20n59	0n51	10n 3	1n29	22s 9	1n16	1s48	0s43	20s49	0n21	12s31	16s47	22s46	22s41	23n38	5n23	2n 7
S 2	7 57	24 25	3 7	6 44	1 10	10 36	0 42	21 8	0 51	10 4	1 29	22 9	1 16	1 47	0 43	20 49	0 21	12 30	16 47	22 47	22 41	23 39	5 25	2 7
M 3	8 19	25 11	2 15	6 13	0 54	11 4	0 40	21 17	0 52	10 6	1 29	22 9	1 16	1 45	0 43	20 49	0 21	12 30	16 47	22 47	22 42	23 40	5 26	2 7
T 4	8 41	24 48	1 16	5 44	0 37	11 32	0 38	21 25	0 52	10 7	1 29	22 9	1 16	1 44	0 43	20 49	0 21	12 30	16 47	22 48	22 42	23 40	5 27	2 7
W 5	9 2	23 16	0 14	5 15	0 20	11 59	0 35	21 34	0 52	10 8	1 28	22 9	1 16	1 43	0 43	20 49	0 21	12 29	16 47	22 48	22 42	23 41	5 29	2 7
T 6	9 24	20 39	0s51	4 48	0 3	12 27	0 33	21 42	0 53	10 9	1 28	22 8	1 16	1 42	0 43	20 49	0 21	12 29	16 48	22 48	22 43	23 42	5 30	2 7
F 7	9 45	17 1	1 54	4 23	0s13	12 54	0 31	21 50	0 53	10 11	1 28	22 8	1 16	1 40	0 43	20 49	0 21	12 28	16 48	22 48	22 43	23 43	5 31	2 7
S 8	10 7	12 31	2 53	4 0	0 29	13 20	0 29	21 58	0 53	10 12	1 28	22 8	1 16	1 39	0 43	20 49	0 21	12 28	16 48	22 48	22 43	23 44	5 33	2 7
S 9	10 28	7 17	3 46	3 39	0 45	13 46	0 26	22 5	0 54	10 13	1 28	22 8	1 16	1 38	0 43	20 48	0 21	12 27	16 48	22 48	22 44	23 45	5 34	2 7
M10	10 49	1 32	4 27	3 20	0 59	14 12	0 24	22 13	0 54	10 14	1 27	22 8	1 16	1 37	0 43	20 48	0 21	12 27	16 48	22 49	22 44	23 46	5 35	2 7
T 11	11 10	4s29	4 53	3 4	1 14	14 38	0 22	22 20	0 55	10 14	1 27	22 8	1 16	1 36	0 43	20 48	0 21	12 26	16 48	22 50	22 44	23 46	5 37	2 7
W12	11 30	10 25	5 2	2 51	1 27	15 3	0 19	22 27	0 55	10 15	1 27	22 8	1 16	1 34	0 43	20 48	0 21	12 26	16 48	22 51	22 45	23 47	5 38	2 7
T 13	11 51	15 53	4 50	2 40	1 40	15 28	0 17	22 34	0 55	10 16	1 27	22 8	1 16	1 33	0 43	20 48	0 21	12 26	16 48	22 52	22 45	23 48	5 40	2 7
F 14	12 11	20 25	4 17	2 32	1 52	15 53	0 15	22 41	0 56	10 16	1 27	22 8	1 16	1 32	0 43	20 48	0 21	12 25	16 49	22 53	22 46	23 49	5 41	2 7
S 15	12 31	23 34	3 27	2 26	2 3	16 17	0 12	22 47	0 56	10 17	1 27	22 8	1 16	1 31	0 43	20 48	0 21	12 25	16 49	22 54	22 46	23 50	5 42	2 7
S 16	12 51	25 1	2 23	2 23	2 13	16 41	0 10	22 53	0 56	10 17	1 26	22 7	1 16	1 30	0 43	20 48	0 21	12 25	16 49	22 54	22 46	23 50	5 44	2 7
M17	13 11	24 42	1 10	2 23	2 23	17 4	0 7	23 0	0 56	10 18	1 26	22 7	1 16	1 29	0 43	20 48	0 21	12 24	16 49	22 54	22 47	23 51	5 45	2 7
T 18	13 30	22 43	0n 5	2 25	2 31	17 27	0 5	23 6	0 57	10 18	1 26	22 7	1 16	1 27	0 43	20 48	0 21	12 24	16 49	22 54	22 47	23 52	5 46	2 7
W19	13 49	19 25	1 18	2 30	2 39	17 49	0 2	23 11	0 57	10 19	1 26	22 7	1 16	1 26	0 43	20 48	0 21	12 23	16 49	22 54	22 47	23 53	5 47	2 7
T 20	14 8	15 8	2 25	2 37	2 46	18 11	0n 0	23 17	0 57	10 19	1 26	22 7	1 16	1 25	0 43	20 48	0 21	12 23	16 49	22 54	22 48	23 54	5 49	2 7
F 21	14 27	10 14	3 23	2 46	2 52	18 32	0 3	23 22	0 58	10 19	1 25	22 7	1 16	1 24	0 43	20 48	0 21	12 23	16 50	22 55	22 48	23 54	5 50	2 7
S 22	14 46	5 1	4 8	2 57	2 57	18 53	0 5	23 28	0 58	10 19	1 25	22 7	1 16	1 23	0 43	20 48	0 21	12 22	16 50	22 55	22 48	23 55	5 51	2 7
S 23	15 4	0n19	4 41	3 10	3 2	19 14	0 8	23 33	0 58	10 19	1 25	22 7	1 16	1 22	0 43	20 48	0 21	12 22	16 50	22 55	22 49	23 56	5 53	2 7
M24	15 22	5 32	4 59	3 26	3 5	19 34	0 10	23 38	0 59	10 19	1 25	22 6	1 16	1 21	0 43	20 48	0 21	12 22	16 50	22 56	22 49	23 57	5 54	2 7
T 25	15 40	10 28	5 4	3 43	3 8	19 53	0 13	23 42	0 59	10 19	1 24	22 6	1 16	1 20	0 43	20 48	0 21	12 22	16 50	22 57	22 49	23 57	5 55	2 7
W26	15 57	14 57	4 54	4 2	3 11	20 12	0 15	23 47	0 59	10 19	1 24	22 6	1 16	1 19	0 43	20 48	0 21	12 21	16 51	22 58	22 49	23 58	5 56	2 7
T 27	16 14	18 47	4 32	4 23	3 12	20 31	0 18	23 51	0 59	10 18	1 24	22 6	1 16	1 18	0 43	20 48	0 21	12 21	16 51	22 59	22 50	23 59	5 58	2 7
F 28	16 31	21 49	3 57	4 46	3 13	20 49	0 20	23 55	1 0	10 18	1 24	22 6	1 16	1 17	0 43	20 48	0 21	12 21	16 51	23 0	22 50	24 0	5 59	2 7
S 29	16 48	23 54	3 13	5 10	3 13	21 6	0 23	23 59	1 0	10 18	1 24	22 6	1 16	1 16	0 43	20 48	0 21	12 20	16 51	23 1	22 50	24 0	6 0	2 7
S 30	17n 5	24n56	2n20	5n36	3s12	21n22	0n25	24n 3	1n 0	10n17	1n23	22s 6	1n16	1s15	0s43	20s49	0n21	12s20	16s51	23s 1	22s51	24n 1	6n 1	2n 7

Julian Day Number = 2210583.5, Delta T = 09m23s
Ecliptic obliquity = 23°31'33, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°32'17, Lahiri = 14°39'18 Julian Calendar 1 Apr. 1340 == Greg. Calendar 9 Apr. 1340

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1340
geocentric

MAY 1340 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	15 7 57	18♉20'00	26♊12	23♈ 5	4♊55	19♊21	6♍57	23°R26	28♓34	25°R16	7♈53	11°R30	13♑22	2♊25	10♈20	M 1
T 2	15 11 54	19°17'43	8♋ 4	24°18	6° 8	20° 0	6°58	23♐23	28°37	25♑16	7°54	11°D29	13°19	2°31	10°23	T 2
W 3	15 15 50	20°15'24	20° 2	25°34	7°21	20°39	7° 0	23°20	28°39	25°15	7°55	11♑29	13°16	2°38	10°26	W 3
T 4	15 19 47	21°13'03	2♌12	26°52	8°35	21°18	7° 1	23°16	28°41	25°15	7°56	11°30	13°13	2°45	10°29	T 4
F 5	15 23 43	22°10'42	14°37	28°13	9°48	21°56	7° 3	23°13	28°44	25°15	7°57	11°31	13° 9	2°51	10°32	F 5
S 6	15 27 40	23° 8'18	27°23	29°37	11° 2	22°35	7° 5	23°10	28°46	25°14	7°58	11°R32	13° 6	2°58	10°35	S 6
S 7	15 31 36	24° 5'53	10♍35	1♉ 3	12°15	23°14	7° 7	23° 6	28°48	25°13	7°59	11°30	13° 3	3° 5	10°37	S 7
M 8	15 35 33	25° 3'26	24°14	2°31	13°28	23°53	7° 9	23° 3	28°51	25°13	8° 0	11°27	13° 0	3°11	10°40	M 8
T 9	15 39 29	26° 0'58	8♎22	4° 2	14°41	24°32	7°11	22°59	28°53	25°12	8° 1	11°22	12°57	3°18	10°43	T 9
W10	15 43 26	26°58'29	22°58	5°35	15°55	25°11	7°14	22°55	28°55	25°12	8° 2	11°16	12°54	3°25	10°46	W10
T 11	15 47 23	27°55'58	7♏56	7°11	17° 8	25°49	7°16	22°51	28°57	25°11	8° 3	11°10	12°50	3°31	10°49	T 11
F 12	15 51 19	28°53'27	23° 8	8°49	18°21	26°28	7°19	22°48	28°59	25°10	8° 4	11° 4	12°47	3°38	10°51	F 12
S 13	15 55 16	29°50'54	8♐24	10°30	19°34	27° 7	7°22	22°44	29° 1	25°10	8° 5	10°59	12°44	3°45	10°54	S 13
S 14	15 59 12	0♊48'20	23°33	12°13	20°47	27°46	7°26	22°40	29° 3	25° 9	8° 6	10°56	12°41	3°51	10°56	S 14
M15	16 3 9	1°45'45	8♑27	13°58	22° 1	28°24	7°29	22°36	29° 5	25° 8	8° 7	10°D55	12°38	3°58	10°59	M15
T 16	16 7 5	2°43'10	22°59	15°46	23°14	29° 3	7°32	22°32	29° 7	25° 7	8° 8	10°56	12°34	4° 5	11° 2	T 16
W17	16 11 2	3°40'34	7♒ 5	17°36	24°27	29°42	7°36	22°28	29° 9	25° 6	8° 9	10°57	12°31	4°11	11° 4	W17
T 18	16 14 58	4°37'57	20°45	19°28	25°40	0♋20	7°40	22°24	29°11	25° 6	8°10	10°58	12°28	4°18	11° 7	T 18
F 19	16 18 55	5°35'19	4♓ 1	21°23	26°53	0°59	7°44	22°20	29°13	25° 5	8°11	10°R59	12°25	4°25	11° 9	F 19
S 20	16 22 52	6°32'41	16°54	23°20	28° 6	1°37	7°48	22°16	29°15	25° 4	8°12	10°58	12°22	4°31	11°11	S 20
S 21	16 26 48	7°30'02	29°29	25°19	29°19	2°16	7°53	22°12	29°16	25° 3	8°13	10°56	12°19	4°38	11°14	S 21
M22	16 30 45	8°27'23	11♈48	27°20	0♋32	2°55	7°57	22° 7	29°18	25° 2	8°13	10°53	12°15	4°45	11°16	M22
T 23	16 34 41	9°24'43	23°56	29°23	1°45	3°33	8° 2	22° 3	29°20	25° 1	8°14	10°48	12°12	4°52	11°18	T 23
W24	16 38 38	10°22'02	5♉55	1♊28	2°58	4°12	8° 7	21°59	29°21	25° 0	8°15	10°43	12° 9	4°58	11°21	W24
T 25	16 42 34	11°19'22	17°49	3°35	4°11	4°50	8°11	21°55	29°23	24°59	8°16	10°38	12° 6	5° 5	11°23	T 25
F 26	16 46 31	12°16'40	29°39	5°43	5°24	5°29	8°17	21°50	29°25	24°58	8°16	10°33	12° 3	5°12	11°25	F 26
S 27	16 50 27	13°13'58	11♊28	7°52	6°37	6° 7	8°22	21°46	29°26	24°57	8°17	10°30	12° 0	5°18	11°27	S 27
S 28	16 54 24	14°11'15	23°17	10° 3	7°49	6°46	8°27	21°42	29°27	24°56	8°18	10°27	11°56	5°25	11°29	S 28
M29	16 58 21	15° 8'32	5♋ 9	12°14	9° 2	7°24	8°33	21°37	29°29	24°54	8°19	10°D26	11°53	5°32	11°31	M29
T 30	17 2 17	16° 5'48	17° 6	14°25	10°15	8° 3	8°39	21°33	29°30	24°53	8°19	10°26	11°50	5°38	11°33	T 30
W31	17 6 14	17♊ 3'04	29♋11	16♊37	11♋28	8♋41	8♍44	21♐29	29♓31	24♑52	8♈20	10♑27	11♑47	5♊45	11♈35	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	17n21	24n49	1n21	6n 3	3s10	21n39	0n28	24n 6	1n 0	10n17	1n23	22s 5	1n16	1s14	0s43	20s49	0n21	12s20	16s52	23s 2	22s51	24n 2	6n 3	2n 7
T 2	17 37	23 35	0 18	6 32	3 8	21 54	0 30	24 9	1 1	10 16	1 23	22 5	1 16	1 13	0 43	20 49	0 21	12 20	16 52	23 2	22 51	24 2	6 4	2 7
W 3	17 52	21 16	0s46	7 2	3 6	22 9	0 32	24 12	1 1	10 15	1 23	22 5	1 16	1 12	0 43	20 49	0 21	12 19	16 52	23 2	22 52	24 3	6 5	2 7
T 4	18 8	17 58	1 49	7 34	3 2	22 23	0 35	24 15	1 1	10 15	1 23	22 5	1 16	1 11	0 43	20 49	0 21	12 19	16 52	23 2	22 52	24 4	6 6	2 7
F 5	18 23	13 49	2 49	8 6	2 59	22 37	0 37	24 18	1 1	10 14	1 22	22 5	1 16	1 10	0 43	20 49	0 21	12 19	16 53	23 1	22 52	24 4	6 7	2 7
S 6	18 37	8 57	3 42	8 40	2 54	22 50	0 40	24 21	1 2	10 13	1 22	22 5	1 16	1 9	0 43	20 49	0 21	12 19	16 53	23 1	22 53	24 5	6 8	2 7
S 7	18 52	3 32	4 25	9 14	2 49	23 2	0 42	24 23	1 2	10 12	1 22	22 4	1 16	1 8	0 43	20 49	0 21	12 19	16 53	23 2	22 53	24 6	6 10	2 7
M 8	19 6	2s13	4 55	9 50	2 43	23 14	0 44	24 25	1 2	10 11	1 22	22 4	1 16	1 7	0 43	20 49	0 21	12 19	16 53	23 2	22 53	24 6	6 11	2 7
T 9	19 20	8 3	5 8	10 27	2 37	23 25	0 47	24 27	1 2	10 10	1 22	22 4	1 16	1 7	0 43	20 49	0 21	12 18	16 54	23 2	22 54	24 7	6 12	2 7
W10	19 33	13 38	5 3	11 4	2 30	23 35	0 49	24 29	1 3	10 9	1 21	22 4	1 16	1 6	0 43	20 49	0 21	12 18	16 54	23 3	22 54	24 8	6 13	2 7
T 11	19 46	18 33	4 36	11 42	2 23	23 45	0 51	24 30	1 3	10 7	1 21	22 4	1 16	1 5	0 43	20 50	0 21	12 18	16 54	23 3	22 54	24 8	6 14	2 7
F 12	19 59	22 20	3 50	12 21	2 15	23 54	0 54	24 32	1 3	10 6	1 21	22 3	1 16	1 4	0 43	20 50	0 21	12 18	16 54	23 4	22 55	24 9	6 15	2 7
S 13	20 11	24 32	2 47	13 1	2 7	24 2	0 56	24 33	1 3	10 5	1 21	22 3	1 16	1 3	0 43	20 50	0 21	12 18	16 55	23 4	22 55	24 10	6 16	2 7
S 14	20 24	24 55	1 33	13 40	1 59	24 10	0 58	24 34	1 3	10 3	1 20	22 3	1 16	1 2	0 43	20 50	0 21	12 18	16 55	23 4	22 55	24 10	6 17	2 7
M15	20 35	23 29	0 13	14 21	1 50	24 17	1 0	24 35	1 4	10 2	1 20	22 3	1 16	1 2	0 43	20 50	0 21	12 18	16 55	23 4	22 55	24 11	6 18	2 7
T 16	20 47	20 29	1n 5	15 1	1 40	24 23	1 2	24 35	1 4	10 1	1 20	22 3	1 16	1 1	0 44	20 50	0 21	12 17	16 56	23 4	22 56	24 11	6 19	2 7
W17	20 58	16 21	2 18	15 42	1 30	24 29	1 4	24 36	1 4	9 59	1 20	22 2	1 16	1 0	0 44	20 50	0 21	12 17	16 56	23 4	22 56	24 12	6 20	2 7
T 18	21 8	11 28	3 20	16 22	1 20	24 34	1 6	24 36	1 4	9 57	1 20	22 2	1 16	0 59	0 44	20 51	0 21	12 17	16 56	23 4	22 56	24 13	6 21	2 7
F 19	21 19	6 12	4 10	17 3	1 10	24 38	1 8	24 36	1 4	9 56	1 19	22 2	1 16	0 59	0 44	20 51	0 21	12 17	16 56	23 4	22 57	24 13	6 22	2 7
S 20	21 29	0 49	4 45	17 43	0 59	24 41	1 10	24 35	1 5	9 54	1 19	22 2	1 16	0 58	0 44	20 51	0 21	12 17	16 57	23 4	22 57	24 14	6 23	2 7
S 21	21 38	4n28	5 6	18 22	0 49	24 44	1 12	24 35	1 5	9 52	1 19	22 2	1 16	0 57	0 44	20 51	0 21	12 17	16 57	23 4	22 57	24 14	6 24	2 7
M22	21 48	9 28	5 12	19 1	0 38	24 46	1 14	24 34	1 5	9 50	1 19	22 1	1 16	0 57	0 44	20 51	0 21	12 17	16 57	23 5	22 57	24 15	6 25	2 7
T 23	21 57	14 1	5 4	19 39	0 27	24 47	1 16	24 34	1 5	9 48	1 19	22 1	1 16	0 56	0 44	20 51	0 21	12 17	16 58	23 5	22 58	24 15	6 26	2 7
W24	22 5	17 59	4 43	20 16	0 16	24 47	1 18	24 33	1 5	9 46	1 18	22 1	1 16	0 56	0 44	20 52	0 21	12 17	16 58	23 5	22 58	24 16	6 27	2 7
T 25	22 13	21 11	4 9	20 52	0 5	24 47	1 20	24 32	1 5	9 44	1 18	22 1	1 16	0 55	0 44	20 52	0 21	12 17	16 58	23 6	22 58	24 16	6 28	2 7
F 26	22 21	23 29	3 25	21 26	0n 6	24 46	1 21	24 30	1 6	9 42	1 18	22 1	1 16	0 54	0 44	20 52	0 21	12 17	16 59	23 6	22 59	24 17	6 29	2 7
S 27	22 28	24 45	2 32	21 58	0 17	24 44	1 23	24 29	1 6	9 40	1 18	22 0	1 16	0 54	0 44	20 52	0 21	12 17	16 59	23 7	22 59	24 17	6 30	2 7
S 28	22 35	24 54	1 33	22 29	0 27	24 42	1 24	24 27	1 6	9 38	1 18	22 0	1 16	0 53	0 44	20 52	0 21	12 17	16 59	23 7	22 59	24 18	6 30	2 7
M29	22 42	23 54	0 29	22 57	0 37	24 39	1 26	24 25	1 6	9 35	1 17	22 0	1 16	0 53	0 44	20 53	0 21	12 17	17 0	23 7	22 59	24 19	6 31	2 7
T 30	22 48	21 49	0s37	23 23	0 47	24 35	1 27	24 23	1 6	9 33	1 17	22 0	1 16	0 52	0 44	20 53	0 21	12 17	17 0	23 7	23 0	24 19	6 32	2 7
W31	22n54	18n44	1s42	23n46	0n56	24n30	1n29	24n21	1n 6	9n31	1n17	22s 0	1n16	0s52	0s44	20s53	0n21	12s17	17s 0	23s 7	23s 0	24n20	6n33	2n 7

Julian Day Number = 2210613.5, Delta T = 09m23s
Ecliptic obliquity = 23°31'32, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°32'21, Lahiri = 14°39'22 Julian Calendar 1 May 1340 == Greg. Calendar 9 May 1340

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ASTRODIENST EPHEMERIS for the year 1340
geocentric

JUNE 1340 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	17 10 10	18♊ 0'18	11♌27	18♊49	12♋41	9♋20	8♍50	21°R24	29♓33	24°R51	8♈21	10♑29	11♑44	5♊52	11♈37	T 1
F 2	17 14 7	18°57'32	23°58	21° 0	13°53	9°58	8°57	21♐20	29°34	24♑50	8°21	10°30	11°40	5°58	11°39	F 2
S 3	17 18 3	19°54'46	6♍46	23°11	15° 6	10°37	9° 3	21°15	29°35	24°48	8°22	10°31	11°37	6° 5	11°41	S 3
S 4	17 22 0	20°51'58	19°55	25°21	16°19	11°15	9° 9	21°11	29°36	24°47	8°22	10°R32	11°34	6°12	11°42	S 4
M 5	17 25 56	21°49'10	3♎29	27°29	17°31	11°53	9°16	21° 7	29°37	24°46	8°23	10°31	11°31	6°18	11°44	M 5
T 6	17 29 53	22°46'21	17°27	29°37	18°44	12°32	9°22	21° 2	29°38	24°45	8°23	10°30	11°28	6°25	11°46	T 6
W 7	17 33 50	23°43'32	1♏50	1♋43	19°56	13°10	9°29	20°58	29°39	24°43	8°24	10°28	11°25	6°32	11°47	W 7
T 8	17 37 46	24°40'42	16°35	3°48	21° 9	13°48	9°36	20°53	29°40	24°42	8°24	10°27	11°21	6°38	11°49	T 8
F 9	17 41 43	25°37'52	1♐36	5°50	22°21	14°27	9°43	20°49	29°41	24°41	8°25	10°25	11°18	6°45	11°50	F 9
S 10	17 45 39	26°35'02	16°45	7°51	23°34	15° 5	9°51	20°45	29°42	24°39	8°25	10°23	11°15	6°52	11°52	S 10
S 11	17 49 36	27°32'11	1♑52	9°51	24°46	15°43	9°58	20°40	29°43	24°38	8°26	10°23	11°12	6°58	11°53	S 11
M12	17 53 32	28°29'21	16°48	11°48	25°59	16°22	10° 5	20°36	29°43	24°36	8°26	10°D23	11° 9	7° 5	11°55	M12
T 13	17 57 29	29°26'30	1♒27	13°43	27°11	17° 0	10°13	20°32	29°44	24°35	8°27	10°23	11° 6	7°12	11°56	T 13
W14	18 1 26	0♋23'39	15°42	15°36	28°23	17°38	10°21	20°27	29°45	24°34	8°27	10°24	11° 2	7°18	11°57	W14
T 15	18 5 22	1°20'49	29°31	17°28	29°36	18°17	10°28	20°23	29°45	24°32	8°27	10°25	10°59	7°25	11°58	T 15
F 16	18 9 19	2°17'58	12♓53	19°17	0♌48	18°55	10°36	20°19	29°46	24°31	8°28	10°25	10°56	7°32	12° 0	F 16
S 17	18 13 15	3°15'08	25°51	21° 4	2° 0	19°33	10°44	20°14	29°46	24°29	8°28	10°26	10°53	7°38	12° 1	S 17
S 18	18 17 12	4°12'18	8♈27	22°49	3°13	20°11	10°53	20°10	29°47	24°28	8°28	10°R26	10°50	7°45	12° 2	S 18
M19	18 21 8	5° 9'29	20°45	24°32	4°25	20°50	11° 1	20° 6	29°47	24°26	8°28	10°26	10°46	7°52	12° 3	M19
T 20	18 25 5	6° 6'40	2♉50	26°13	5°37	21°28	11° 9	20° 2	29°48	24°25	8°29	10°25	10°43	7°58	12° 4	T 20
W21	18 29 1	7° 3'51	14°46	27°52	6°49	22° 6	11°18	19°58	29°48	24°23	8°29	10°25	10°40	8° 5	12° 5	W21
T 22	18 32 58	8° 1'03	26°36	29°29	8° 1	22°44	11°26	19°54	29°48	24°22	8°29	10°24	10°37	8°12	12° 6	T 22
F 23	18 36 55	8°58'16	8♊24	1♌ 4	9°13	23°23	11°35	19°50	29°48	24°20	8°29	10°24	10°34	8°18	12° 6	F 23
S 24	18 40 51	9°55'28	20°14	2°37	10°25	24° 1	11°44	19°46	29°49	24°18	8°29	10°D24	10°31	8°25	12° 7	S 24
S 25	18 44 48	10°52'41	2♋ 8	4° 8	11°37	24°39	11°53	19°42	29°49	24°17	8°29	10°24	10°27	8°32	12° 8	S 25
M26	18 48 44	11°49'55	14° 7	5°36	12°49	25°17	12° 2	19°38	29°49	24°15	8°30	10°R24	10°24	8°38	12° 9	M26
T 27	18 52 41	12°47'09	26°15	7° 3	14° 1	25°55	12°11	19°34	29°R49	24°14	8°30	10°24	10°21	8°45	12° 9	T 27
W28	18 56 37	13°44'23	8♌33	8°27	15°13	26°34	12°21	19°30	29°49	24°12	8°30	10°24	10°18	8°52	12°10	W28
T 29	19 0 34	14°41'37	21° 3	9°49	16°25	27°12	12°30	19°26	29°49	24°11	8°30	10°23	10°15	8°58	12°10	T 29
F 30	19 4 30	15♋38'52	3♍46	11♌ 9	17♌37	27♋50	12♍39	19♐22	29♓49	24♑ 9	8°R30	10♑23	10♑12	9♊ 5	12♈11	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n59	14n48	2s43	24n 7	1n 4	24n25	1n30	24n18	1n 6	9n28	1n17	21s59	1n16	0s51	0s44	20s53	0n21	12s17	17s 1	23s 7	23s 0	24n20	6n34	2n 7
F 2	23 4	10 10	3 38	24 25	1 12	24 19	1 31	24 15	1 7	9 26	1 17	21 59	1 15	0 51	0 44	20 53	0 21	12 17	17 1	23 6	23 1	24 20	6 34	2 7
S 3	23 8	4 59	4 23	24 41	1 20	24 12	1 33	24 12	1 7	9 23	1 17	21 59	1 15	0 50	0 44	20 54	0 21	12 17	17 1	23 6	23 1	24 21	6 35	2 7
S 4	23 13	0s32	4 56	24 53	1 27	24 5	1 34	24 9	1 7	9 21	1 16	21 59	1 15	0 50	0 44	20 54	0 21	12 18	17 2	23 6	23 1	24 21	6 36	2 7
M 5	23 16	6 11	5 14	25 3	1 33	23 57	1 35	24 6	1 7	9 18	1 16	21 59	1 15	0 50	0 44	20 54	0 21	12 18	17 2	23 6	23 1	24 22	6 37	2 7
T 6	23 20	11 42	5 14	25 10	1 38	23 48	1 36	24 3	1 7	9 15	1 16	21 58	1 15	0 49	0 44	20 54	0 21	12 18	17 2	23 6	23 2	24 22	6 37	2 7
W 7	23 23	16 45	4 54	25 14	1 43	23 38	1 37	23 59	1 7	9 13	1 16	21 58	1 15	0 49	0 44	20 55	0 21	12 18	17 3	23 7	23 2	24 23	6 38	2 7
T 8	23 25	20 56	4 15	25 15	1 47	23 28	1 38	23 55	1 7	9 10	1 16	21 58	1 15	0 48	0 44	20 55	0 21	12 18	17 3	23 7	23 2	24 23	6 39	2 8
F 9	23 27	23 48	3 19	25 14	1 50	23 17	1 39	23 51	1 7	9 7	1 15	21 58	1 15	0 48	0 44	20 55	0 21	12 18	17 3	23 7	23 3	24 24	6 39	2 8
S 10	23 29	24 58	2 7	25 10	1 52	23 6	1 40	23 47	1 8	9 4	1 15	21 57	1 15	0 48	0 44	20 55	0 21	12 18	17 4	23 7	23 3	24 24	6 40	2 8
S 11	23 30	24 18	0 47	25 3	1 54	22 54	1 40	23 43	1 8	9 1	1 15	21 57	1 15	0 48	0 44	20 56	0 21	12 18	17 4	23 7	23 3	24 25	6 40	2 8
M12	23 31	21 53	0n36	24 55	1 55	22 41	1 41	23 38	1 8	8 58	1 15	21 57	1 15	0 47	0 44	20 56	0 21	12 19	17 4	23 7	23 3	24 25	6 41	2 8
T 13	23 31	18 3	1 54	24 44	1 56	22 27	1 41	23 34	1 8	8 55	1 15	21 57	1 14	0 47	0 44	20 56	0 21	12 19	17 5	23 7	23 4	24 25	6 42	2 8
W14	23 31	13 16	3 4	24 31	1 55	22 13	1 42	23 29	1 8	8 52	1 15	21 57	1 14	0 47	0 44	20 56	0 21	12 19	17 5	23 7	23 4	24 26	6 42	2 8
T 15	23 31	7 56	4 0	24 16	1 54	21 58	1 42	23 24	1 8	8 49	1 14	21 56	1 14	0 47	0 44	20 57	0 21	12 19	17 5	23 7	23 4	24 26	6 43	2 8
F 16	23 30	2 25	4 42	23 59	1 52	21 43	1 43	23 19	1 8	8 46	1 14	21 56	1 14	0 46	0 45	20 57	0 21	12 19	17 6	23 7	23 4	24 27	6 43	2 8
S 17	23 29	3n 2	5 7	23 41	1 50	21 27	1 43	23 13	1 8	8 42	1 14	21 56	1 14	0 46	0 45	20 57	0 21	12 20	17 6	23 7	23 5	24 27	6 44	2 8
S 18	23 27	8 13	5 17	23 21	1 47	21 11	1 43	23 8	1 8	8 39	1 14	21 56	1 14	0 46	0 45	20 57	0 21	12 20	17 7	23 7	23 5	24 27	6 44	2 8
M19	23 25	12 57	5 12	22 59	1 44	20 54	1 43	23 2	1 8	8 36	1 14	21 56	1 14	0 46	0 45	20 58	0 21	12 20	17 7	23 7	23 5	24 28	6 45	2 8
T 20	23 23	17 5	4 53	22 37	1 40	20 36	1 43	22 56	1 8	8 32	1 14	21 55	1 14	0 46	0 45	20 58	0 21	12 20	17 7	23 7	23 5	24 28	6 45	2 8
W21	23 20	20 30	4 22	22 13	1 35	20 18	1 43	22 50	1 9	8 29	1 13	21 55	1 14	0 46	0 45	20 58	0 21	12 21	17 8	23 7	23 6	24 28	6 45	2 8
T 22	23 17	23 2	3 40	21 48	1 30	19 59	1 43	22 44	1 9	8 26	1 13	21 55	1 14	0 46	0 45	20 59	0 21	12 21	17 8	23 7	23 6	24 29	6 46	2 8
F 23	23 13	24 34	2 49	21 21	1 24	19 40	1 43	22 37	1 9	8 22	1 13	21 55	1 13	0 46	0 45	20 59	0 21	12 21	17 8	23 7	23 6	24 29	6 46	2 8
S 24	23 9	24 59	1 50	20 54	1 18	19 20	1 42	22 31	1 9	8 19	1 13	21 55	1 13	0 46	0 45	20 59	0 21	12 21	17 9	23 7	23 6	24 29	6 46	2 8
S 25	23 5	24 16	0 46	20 27	1 11	19 0	1 42	22 24	1 9	8 15	1 13	21 54	1 13	0 46	0 45	20 59	0 21	12 22	17 9	23 7	23 7	24 30	6 47	2 8
M26	23 0	22 26	0s21	19 58	1 4	18 39	1 42	22 17	1 9	8 11	1 13	21 54	1 13	0 46	0 45	21 0	0 21	12 22	17 9	23 7	23 7	24 30	6 47	2 8
T 27	22 54	19 33	1 27	19 29	0 56	18 17	1 41	22 10	1 9	8 8	1 13	21 54	1 13	0 46	0 45	21 0	0 21	12 22	17 10	23 7	23 7	24 30	6 47	2 8
W28	22 49	15 46	2 30	18 59	0 48	17 56	1 40	22 3	1 9	8 4	1 12	21 54	1 13	0 46	0 45	21 0	0 21	12 23	17 10	23 7	23 7	24 31	6 48	2 9
T 29	22 43	11 16	3 27	18 29	0 40	17 33	1 40	21 55	1 9	8 0	1 12	21 54	1 13	0 46	0 45	21 1	0 21	12 23	17 11	23 7	23 8	24 31	6 48	2 9
F 30	22n36	6n12	4s15	17n59	0n31	17n11	1n39	21n48	1n 9	7n57	1n12	21s54	1n12	0s46	0s45	21s 1	0n21	12s23	17s11	23s 7	23s 8	24n31	6n48	2n 9

Julian Day Number = 2210644.5, Delta T = 09m23s
Ecliptic obliquity = 23°31'31, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°32'26, Lahiri = 14°39'26 Julian Calendar 1 June 1340 == Greg. Calendar 9 June 1340

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ASTRODIENST EPHEMERIS for the year 1340
geocentric

JULY 1340 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	19 8 27	16♋36'07	16♍44	12♌27	18♌48	28♋28	12♍49	19°R19	29°R48	24°R 7	8°R30	10°R22	10♑ 8	9♊12	12♈11	S 1
S 2	19 12 24	17°33'22	29°59	13°42	20° 0	29° 6	12°59	19♐15	29♓48	24♑ 6	8♈30	10♑22	10° 5	9°18	12°11	S 2
M 3	19 16 20	18°30'37	13♎32	14°55	21°12	29°45	13° 8	19°12	29°48	24° 4	8°30	10°D21	10° 2	9°25	12°12	M 3
T 4	19 20 17	19°27'53	27°24	16° 6	22°23	0♌23	13°18	19° 8	29°48	24° 2	8°30	10°21	9°59	9°32	12°12	T 4
W 5	19 24 13	20°25'09	11♏34	17°14	23°35	1° 1	13°28	19° 5	29°47	24° 1	8°30	10°22	9°56	9°38	12°12	W 5
T 6	19 28 10	21°22'25	26° 1	18°19	24°47	1°39	13°38	19° 1	29°47	23°59	8°29	10°23	9°52	9°45	12°12	T 6
F 7	19 32 6	22°19'42	10♐42	19°22	25°58	2°17	13°48	18°58	29°46	23°58	8°29	10°23	9°49	9°52	12°12	F 7
S 8	19 36 3	23°17'00	25°30	20°22	27° 9	2°55	13°58	18°55	29°46	23°56	8°29	10°24	9°46	9°58	12°R12	S 8
S 9	19 39 59	24°14'18	10♑21	21°19	28°21	3°33	14° 9	18°51	29°45	23°54	8°29	10°R24	9°43	10° 5	12°12	S 9
M10	19 43 56	25°11'36	25° 6	22°13	29°32	4°12	14°19	18°48	29°45	23°53	8°29	10°24	9°40	10°12	12°12	M10
T 11	19 47 53	26° 8'56	9♒38	23° 4	0♍43	4°50	14°29	18°45	29°44	23°51	8°29	10°23	9°37	10°18	12°12	T 11
W12	19 51 49	27° 6'16	23°52	23°51	1°55	5°28	14°40	18°42	29°43	23°49	8°28	10°21	9°33	10°25	12°12	W12
T 13	19 55 46	28° 3'37	7♓43	24°35	3° 6	6° 6	14°51	18°39	29°42	23°48	8°28	10°19	9°30	10°32	12°11	T 13
F 14	19 59 42	29° 0'59	21° 9	25°16	4°17	6°44	15° 1	18°37	29°42	23°46	8°28	10°16	9°27	10°38	12°11	F 14
S 15	20 3 39	29°58'23	4♈11	25°53	5°28	7°22	15°12	18°34	29°41	23°45	8°28	10°14	9°24	10°45	12°11	S 15
S 16	20 7 35	0♌55'47	16°50	26°25	6°39	8° 0	15°23	18°31	29°40	23°43	8°27	10°13	9°21	10°52	12°10	S 16
M17	20 11 32	1°53'13	29°11	26°54	7°50	8°39	15°34	18°29	29°39	23°41	8°27	10°D12	9°17	10°58	12°10	M17
T 18	20 15 28	2°50'40	11♉16	27°18	9° 1	9°17	15°45	18°26	29°38	23°40	8°27	10°12	9°14	11° 5	12° 9	T 18
W19	20 19 25	3°48'09	23°11	27°38	10°12	9°55	15°56	18°24	29°37	23°38	8°26	10°13	9°11	11°12	12° 9	W19
T 20	20 23 22	4°45'38	5♊ 0	27°53	11°23	10°33	16° 7	18°21	29°36	23°37	8°26	10°15	9° 8	11°18	12° 8	T 20
F 21	20 27 18	5°43'10	16°49	28° 3	12°33	11°11	16°18	18°19	29°35	23°35	8°25	10°17	9° 5	11°25	12° 7	F 21
S 22	20 31 15	6°40'42	28°42	28°R 8	13°44	11°49	16°29	18°17	29°34	23°33	8°25	10°18	9° 2	11°32	12° 7	S 22
S 23	20 35 11	7°38'16	10♋41	28° 8	14°55	12°27	16°41	18°15	29°33	23°32	8°24	10°R18	8°58	11°38	12° 6	S 23
M24	20 39 8	8°35'51	22°50	28° 2	16° 5	13° 6	16°52	18°13	29°31	23°30	8°24	10°18	8°55	11°45	12° 5	M24
T 25	20 43 4	9°33'27	5♌12	27°51	17°16	13°44	17° 3	18°11	29°30	23°29	8°23	10°16	8°52	11°52	12° 4	T 25
W26	20 47 1	10°31'05	17°47	27°34	18°26	14°22	17°15	18° 9	29°29	23°27	8°23	10°12	8°49	11°58	12° 3	W26
T 27	20 50 57	11°28'44	0♍37	27°12	19°37	15° 0	17°26	18° 7	29°27	23°26	8°22	10° 8	8°46	12° 5	12° 2	T 27
F 28	20 54 54	12°26'23	13°40	26°44	20°47	15°38	17°38	18° 5	29°26	23°24	8°22	10° 3	8°43	12°12	12° 1	F 28
S 29	20 58 51	13°24'04	26°58	26°12	21°57	16°16	17°50	18° 4	29°25	23°23	8°21	9°57	8°39	12°18	12° 0	S 29
S 30	21 2 47	14°21'47	10♎28	25°34	23° 7	16°55	18° 1	18° 2	29°23	23°21	8°21	9°53	8°36	12°25	11°59	S 30
M31	21 6 44	15♌19'30	24♎10	24♌52	24♍18	17♌33	18♍13	18♐ 1	29♓22	23♑20	8♈20	9♑50	8♑33	12♊32	11♈58	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n29	0n47	4s51	17n28	0n21	16n48	1n38	21n40	1n 9	7n53	1n12	21s53	1n12	0s46	0s45	21s 1	0n21	12s23	17s11	23s 7	23s 8	24n32	6n48	2n 9
S 2	22 22	4s46	5 12	16 58	0 12	16 24	1 37	21 32	1 9	7 49	1 12	21 53	1 12	0 46	0 45	21 1	0 21	12 24	17 12	23 7	23 8	24 32	6 48	2 9
M 3	22 14	10 13	5 17	16 27	0 2	16 0	1 36	21 24	1 9	7 45	1 12	21 53	1 12	0 46	0 45	21 2	0 21	12 24	17 12	23 7	23 9	24 32	6 49	2 9
T 4	22 6	15 18	5 3	15 56	0s 8	15 36	1 35	21 16	1 9	7 41	1 12	21 53	1 12	0 46	0 45	21 2	0 21	12 25	17 12	23 7	23 9	24 32	6 49	2 9
W 5	21 58	19 39	4 31	15 25	0 19	15 11	1 34	21 8	1 9	7 37	1 11	21 53	1 12	0 47	0 45	21 2	0 21	12 25	17 13	23 7	23 9	24 33	6 49	2 9
T 6	21 49	22 55	3 42	14 55	0 30	14 46	1 32	20 59	1 9	7 33	1 11	21 53	1 12	0 47	0 45	21 3	0 21	12 25	17 13	23 7	23 9	24 33	6 49	2 9
F 7	21 40	24 44	2 37	14 25	0 41	14 20	1 31	20 51	1 9	7 29	1 11	21 53	1 12	0 47	0 45	21 3	0 21	12 26	17 13	23 7	23 10	24 33	6 49	2 9
S 8	21 31	24 49	1 22	13 55	0 53	13 54	1 30	20 42	1 9	7 25	1 11	21 53	1 11	0 47	0 45	21 3	0 21	12 26	17 14	23 7	23 10	24 34	6 49	2 9
S 9	21 21	23 8	0 0	13 26	1 4	13 28	1 28	20 33	1 9	7 21	1 11	21 52	1 11	0 47	0 45	21 3	0 21	12 26	17 14	23 7	23 10	24 34	6 49	2 9
M10	21 10	19 52	1n20	12 57	1 16	13 1	1 26	20 24	1 9	7 17	1 11	21 52	1 11	0 48	0 45	21 4	0 21	12 27	17 14	23 7	23 10	24 34	6 49	2 9
T 11	21 0	15 25	2 35	12 29	1 28	12 34	1 25	20 15	1 9	7 13	1 11	21 52	1 11	0 48	0 45	21 4	0 21	12 27	17 15	23 7	23 11	24 34	6 49	2 9
W12	20 49	10 11	3 38	12 2	1 40	12 7	1 23	20 6	1 9	7 9	1 11	21 52	1 11	0 48	0 45	21 4	0 21	12 28	17 15	23 7	23 11	24 34	6 49	2 9
T 13	20 37	4 35	4 26	11 36	1 53	11 40	1 21	19 56	1 9	7 4	1 11	21 52	1 11	0 49	0 45	21 5	0 21	12 28	17 15	23 7	23 11	24 35	6 49	2 9
F 14	20 26	1n 3	4 58	11 11	2 5	11 12	1 19	19 46	1 9	7 0	1 10	21 52	1 10	0 49	0 45	21 5	0 21	12 28	17 16	23 8	23 11	24 35	6 49	2 9
S 15	20 14	6 28	5 14	10 47	2 18	10 44	1 17	19 37	1 9	6 56	1 10	21 52	1 10	0 49	0 46	21 5	0 21	12 29	17 16	23 8	23 11	24 35	6 49	2 9
S 16	20 1	11 27	5 13	10 24	2 30	10 16	1 15	19 27	1 9	6 52	1 10	21 52	1 10	0 50	0 46	21 6	0 21	12 29	17 17	23 8	23 12	24 35	6 49	2 9
M17	19 49	15 52	4 58	10 3	2 42	9 47	1 13	19 17	1 9	6 47	1 10	21 52	1 10	0 50	0 46	21 6	0 21	12 30	17 17	23 8	23 12	24 35	6 49	2 9
T 18	19 36	19 33	4 30	9 43	2 55	9 18	1 10	19 7	1 9	6 43	1 10	21 52	1 10	0 51	0 46	21 6	0 21	12 30	17 17	23 8	23 12	24 36	6 48	2 10
W19	19 22	22 22	3 51	9 25	3 7	8 49	1 8	18 56	1 9	6 39	1 10	21 52	1 10	0 51	0 46	21 6	0 21	12 31	17 18	23 8	23 12	24 36	6 48	2 10
T 20	19 9	24 12	3 2	9 9	3 19	8 20	1 6	18 46	1 9	6 34	1 10	21 52	1 9	0 51	0 46	21 7	0 21	12 31	17 18	23 8	23 13	24 36	6 48	2 10
F 21	18 55	24 57	2 6	8 54	3 30	7 51	1 3	18 35	1 9	6 30	1 10	21 52	1 9	0 52	0 46	21 7	0 21	12 32	17 18	23 8	23 13	24 36	6 48	2 10
S 22	18 40	24 35	1 3	8 42	3 41	7 21	1 0	18 25	1 9	6 25	1 10	21 51	1 9	0 52	0 46	21 7	0 21	12 32	17 19	23 7	23 13	24 36	6 47	2 10
S 23	18 26	23 4	0s 2	8 32	3 52	6 51	0 58	18 14	1 9	6 21	1 9	21 51	1 9	0 53	0 46	21 8	0 21	12 33	17 19	23 7	23 13	24 36	6 47	2 10
M24	18 11	20 28	1 8	8 25	4 2	6 21	0 55	18 3	1 9	6 16	1 9	21 51	1 9	0 53	0 46	21 8	0 21	12 33	17 19	23 7	23 13	24 37	6 47	2 10
T 25	17 55	16 54	2 12	8 20	4 11	5 51	0 52	17 52	1 9	6 12	1 9	21 51	1 9	0 54	0 46	21 8	0 21	12 34	17 20	23 8	23 14	24 37	6 47	2 10
W26	17 40	12 32	3 11	8 18	4 19	5 21	0 49	17 41	1 9	6 7	1 9	21 51	1 8	0 54	0 46	21 8	0 21	12 34	17 20	23 8	23 14	24 37	6 46	2 10
T 27	17 24	7 32	4 1	8 19	4 27	4 50	0 46	17 30	1 9	6 2	1 9	21 51	1 8	0 55	0 46	21 9	0 21	12 35	17 20	23 8	23 14	24 37	6 46	2 10
F 28	17 8	2 9	4 40	8 22	4 33	4 20	0 43	17 18	1 9	5 58	1 9	21 52	1 8	0 56	0 46	21 9	0 21	12 35	17 20	23 9	23 14	24 37	6 46	2 10
S 29	16 52	3s26	5 4	8 29	4 38	3 49	0 40	17 7	1 9	5 53	1 9	21 52	1 8	0 56	0 46	21 9	0 21	12 36	17 21	23 9	23 14	24 37	6 45	2 10
S 30	16 35	8 56	5 12	8 38	4 41	3 18	0 37	16 55	1 9	5 48	1 9	21 52	1 8	0 57	0 46	21 9	0 21	12 36	17 21	23 9	23 15	24 37	6 45	2 10
M31	16n18	14s 5	5s 2	8n50	4s43	2n48	0n34	16n44	1n 9	5n44	1n 9	21s52	1n 8	0s57	0s46	21s10	0n21	12s37	17s21	23s10	23s15	24n37	6n44	2n10

Julian Day Number = 2210674.5, Delta T = 09m23s
Ecliptic obliquity = 23°31'31, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°32'30, Lahiri = 14°39'30 Julian Calendar 1 July 1340 == Greg. Calendar 9 July 1340

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ASTRODIENST EPHEMERIS for the year 1340
geocentric

AUGUST 1340 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	21 10 40	16♌17'14	8♏ 3	24°R 7	25♍28	18♌11	18♍25	17°R59	29°R20	23°R18	8°R19	9°R48	8♑30	12♊38	11°R56	T 1
W 2	21 14 37	17°15'00	22° 7	23♌18	26°38	18°49	18°37	17♐58	29♓18	23♑17	8♈19	9°D48	8°27	12°45	11♈55	W 2
T 3	21 18 33	18°12'47	6♐19	22°26	27°48	19°27	18°49	17°57	29°17	23°15	8°18	9♑49	8°23	12°52	11°54	T 3
F 4	21 22 30	19°10'35	20°39	21°34	28°57	20° 5	19° 1	17°56	29°15	23°14	8°17	9°50	8°20	12°58	11°52	F 4
S 5	21 26 26	20° 8'24	5♑ 3	20°40	0♎ 7	20°44	19°13	17°55	29°14	23°12	8°17	9°R51	8°17	13° 5	11°51	S 5
S 6	21 30 23	21° 6'14	19°29	19°47	1°17	21°22	19°25	17°54	29°12	23°11	8°16	9°51	8°14	13°12	11°49	S 6
M 7	21 34 20	22° 4'06	3♒51	18°56	2°26	22° 0	19°37	17°54	29°10	23°10	8°15	9°49	8°11	13°18	11°48	M 7
T 8	21 38 16	23° 1'59	18° 5	18° 8	3°36	22°38	19°49	17°53	29° 8	23° 8	8°14	9°45	8° 8	13°25	11°46	T 8
W 9	21 42 13	23°59'54	2♓ 5	17°24	4°45	23°16	20° 2	17°52	29° 6	23° 7	8°14	9°39	8° 4	13°31	11°45	W 9
T 10	21 46 9	24°57'50	15°48	16°44	5°54	23°54	20°14	17°52	29° 5	23° 6	8°13	9°32	8° 1	13°38	11°43	T 10
F 11	21 50 6	25°55'48	29°11	16°10	7° 4	24°33	20°26	17°51	29° 3	23° 4	8°12	9°24	7°58	13°45	11°41	F 11
S 12	21 54 2	26°53'47	12♈11	15°43	8°13	25°11	20°39	17°51	29° 1	23° 3	8°11	9°16	7°55	13°51	11°39	S 12
S 13	21 57 59	27°51'49	24°51	15°23	9°22	25°49	20°51	17°51	28°59	23° 2	8°10	9°10	7°52	13°58	11°38	S 13
M14	22 1 55	28°49'53	7♉12	15°11	10°31	26°27	21° 3	17°D51	28°57	23° 1	8°10	9° 6	7°49	14° 5	11°36	M14
T 15	22 5 52	29°47'58	19°17	15°D 7	11°40	27° 6	21°16	17°51	28°55	22°59	8° 9	9° 3	7°45	14°11	11°34	T 15
W16	22 9 49	0♍46'06	1♊13	15°11	12°48	27°44	21°28	17°51	28°53	22°58	8° 8	9°D 3	7°42	14°18	11°32	W16
T 17	22 13 45	1°44'15	13° 2	15°25	13°57	28°22	21°41	17°51	28°51	22°57	8° 7	9° 3	7°39	14°25	11°30	T 17
F 18	22 17 42	2°42'27	24°52	15°46	15° 6	29° 0	21°53	17°51	28°49	22°56	8° 6	9° 4	7°36	14°31	11°28	F 18
S 19	22 21 38	3°40'41	6♋46	16°17	16°14	29°39	22° 6	17°52	28°47	22°55	8° 5	9°R 5	7°33	14°38	11°26	S 19
S 20	22 25 35	4°38'56	18°50	16°55	17°22	0♍17	22°19	17°52	28°44	22°53	8° 4	9° 5	7°29	14°45	11°24	S 20
M21	22 29 31	5°37'14	1♌ 8	17°42	18°31	0°55	22°31	17°53	28°42	22°52	8° 3	9° 2	7°26	14°51	11°22	M21
T 22	22 33 28	6°35'33	13°42	18°37	19°39	1°33	22°44	17°54	28°40	22°51	8° 2	8°57	7°23	14°58	11°20	T 22
W23	22 37 24	7°33'55	26°35	19°39	20°47	2°12	22°57	17°54	28°38	22°50	8° 1	8°50	7°20	15° 5	11°17	W23
T 24	22 41 21	8°32'18	9♍46	20°48	21°55	2°50	23°10	17°55	28°36	22°49	8° 0	8°41	7°17	15°11	11°15	T 24
F 25	22 45 18	9°30'43	23°14	22° 3	23° 3	3°28	23°22	17°56	28°33	22°48	7°59	8°31	7°14	15°18	11°13	F 25
S 26	22 49 14	10°29'10	6♎56	23°24	24°10	4° 7	23°35	17°57	28°31	22°47	7°58	8°21	7°10	15°25	11°11	S 26
S 27	22 53 11	11°27'39	20°50	24°50	25°18	4°45	23°48	17°59	28°29	22°46	7°57	8°12	7° 7	15°31	11° 8	S 27
M28	22 57 7	12°26'10	4♏52	26°21	26°25	5°23	24° 1	18° 0	28°27	22°45	7°56	8° 4	7° 4	15°38	11° 6	M28
T 29	23 1 4	13°24'42	18°58	27°56	27°32	6° 2	24°14	18° 1	28°24	22°45	7°55	8° 0	7° 1	15°45	11° 4	T 29
W30	23 5 0	14°23'16	3♐ 6	29°34	28°40	6°40	24°26	18° 3	28°22	22°44	7°54	7°57	6°58	15°51	11° 1	W30
T 31	23 8 57	15♍21'51	17♐13	1♍15	29♎47	7♍19	24♍39	18♐ 4	28♓20	22♑43	7♈53	7°D57	6♑55	15♊58	10♈59	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	16n 1	18s34	4s35	9n 5	4s43	2n17	0n31	16n32	1n 9	5n39	1n 9	21s52	1n 7	0s58	0s46	21s10	0n21	12s37	17s22	23s10	23s15	24n37	6n44	2n10
W 2	15 43	22 5	3 51	9 23	4 41	1 46	0 27	16 20	1 9	5 34	1 9	21 52	1 7	0 59	0 46	21 10	0 21	12 38	17 22	23 10	23 15	24 37	6 43	2 10
T 3	15 26	24 16	2 52	9 43	4 37	1 15	0 24	16 8	1 9	5 29	1 9	21 52	1 7	0 59	0 46	21 11	0 21	12 38	17 22	23 10	23 16	24 38	6 43	2 10
F 4	15 8	24 54	1 43	10 5	4 32	0 44	0 20	15 56	1 9	5 25	1 9	21 52	1 7	1 0	0 46	21 11	0 21	12 39	17 23	23 10	23 16	24 38	6 42	2 10
S 5	14 49	23 52	0 26	10 28	4 24	0 13	0 17	15 43	1 9	5 20	1 8	21 52	1 7	1 1	0 46	21 11	0 21	12 39	17 23	23 9	23 16	24 38	6 42	2 10
S 6	14 31	21 15	0n52	10 54	4 15	0s19	0 13	15 31	1 9	5 15	1 8	21 52	1 7	1 2	0 46	21 11	0 21	12 40	17 23	23 10	23 16	24 38	6 41	2 10
M 7	14 12	17 19	2 6	11 20	4 4	0 50	0 9	15 18	1 9	5 10	1 8	21 52	1 6	1 2	0 46	21 12	0 21	12 40	17 23	23 10	23 16	24 38	6 41	2 10
T 8	13 53	12 25	3 12	11 47	3 51	1 21	0 6	15 6	1 9	5 5	1 8	21 52	1 6	1 3	0 46	21 12	0 21	12 41	17 24	23 10	23 17	24 38	6 40	2 10
W 9	13 34	6 57	4 5	12 14	3 37	1 52	0 2	14 53	1 9	5 0	1 8	21 52	1 6	1 4	0 46	21 12	0 21	12 41	17 24	23 10	23 17	24 38	6 39	2 10
T 10	13 15	1 17	4 42	12 40	3 21	2 23	0s 2	14 41	1 8	4 56	1 8	21 53	1 6	1 4	0 46	21 12	0 20	12 42	17 24	23 11	23 17	24 38	6 39	2 10
F 11	12 55	4n18	5 3	13 6	3 5	2 54	0 6	14 28	1 8	4 51	1 8	21 53	1 6	1 5	0 46	21 13	0 20	12 42	17 24	23 11	23 17	24 38	6 38	2 10
S 12	12 36	9 33	5 8	13 31	2 47	3 25	0 10	14 15	1 8	4 46	1 8	21 53	1 5	1 6	0 46	21 13	0 20	12 43	17 25	23 12	23 17	24 38	6 37	2 10
S 13	12 16	14 15	4 57	13 54	2 29	3 56	0 14	14 2	1 8	4 41	1 8	21 53	1 5	1 7	0 46	21 13	0 20	12 43	17 25	23 12	23 17	24 38	6 37	2 10
M14	11 55	18 15	4 32	14 15	2 11	4 27	0 18	13 49	1 8	4 36	1 8	21 53	1 5	1 8	0 46	21 13	0 20	12 44	17 25	23 13	23 18	24 38	6 36	2 10
T 15	11 35	21 23	3 56	14 34	1 52	4 58	0 22	13 35	1 8	4 31	1 8	21 53	1 5	1 8	0 46	21 13	0 20	12 45	17 25	23 13	23 18	24 38	6 35	2 10
W16	11 14	23 34	3 10	14 51	1 33	5 28	0 26	13 22	1 8	4 26	1 8	21 54	1 5	1 9	0 46	21 14	0 20	12 45	17 26	23 13	23 18	24 38	6 35	2 10
T 17	10 54	24 41	2 16	15 5	1 15	5 59	0 30	13 9	1 8	4 21	1 8	21 54	1 5	1 10	0 46	21 14	0 20	12 46	17 26	23 13	23 18	24 38	6 34	2 10
F 18	10 33	24 41	1 16	15 16	0 57	6 30	0 34	12 55	1 8	4 16	1 8	21 54	1 4	1 11	0 46	21 14	0 20	12 46	17 26	23 13	23 18	24 38	6 33	2 10
S 19	10 12	23 34	0 12	15 23	0 39	7 0	0 39	12 42	1 8	4 11	1 8	21 54	1 4	1 12	0 46	21 14	0 20	12 47	17 26	23 13	23 19	24 38	6 32	2 10
S 20	9 50	21 20	0s52	15 28	0 23	7 30	0 43	12 28	1 8	4 6	1 8	21 54	1 4	1 13	0 46	21 14	0 20	12 47	17 26	23 13	23 19	24 38	6 31	2 10
M21	9 29	18 6	1 55	15 29	0 6	8 0	0 47	12 14	1 8	4 1	1 8	21 55	1 4	1 14	0 46	21 15	0 20	12 48	17 27	23 13	23 19	24 38	6 31	2 10
T 22	9 7	13 59	2 54	15 26	0n 9	8 30	0 51	12 0	1 7	3 56	1 8	21 55	1 4	1 14	0 46	21 15	0 20	12 48	17 27	23 13	23 19	24 38	6 30	2 10
W23	8 46	9 10	3 46	15 20	0 23	9 0	0 56	11 47	1 7	3 51	1 8	21 55	1 3	1 15	0 46	21 15	0 20	12 49	17 27	23 14	23 19	24 38	6 29	2 10
T 24	8 24	3 49	4 26	15 11	0 36	9 30	1 0	11 33	1 7	3 46	1 8	21 55	1 3	1 16	0 46	21 15	0 20	12 49	17 27	23 14	23 19	24 38	6 28	2 10
F 25	8 2	1s47	4 53	14 58	0 48	9 59	1 5	11 19	1 7	3 40	1 8	21 56	1 3	1 17	0 46	21 15	0 20	12 50	17 27	23 15	23 20	24 38	6 27	2 10
S 26	7 40	7 24	5 4	14 42	0 59	10 28	1 9	11 5	1 7	3 35	1 8	21 56	1 3	1 18	0 46	21 16	0 20	12 51	17 28	23 16	23 20	24 37	6 26	2 10
S 27	7 17	12 44	4 56	14 23	1 9	10 58	1 13	10 50	1 7	3 30	1 8	21 56	1 3	1 19	0 46	21 16	0 20	12 51	17 28	23 16	23 20	24 37	6 25	2 10
M28	6 55	17 27	4 31	14 0	1 18	11 26	1 18	10 36	1 7	3 25	1 7	21 57	1 3	1 20	0 46	21 16	0 20	12 52	17 28	23 17	23 20	24 37	6 24	2 10
T 29	6 33	21 12	3 50	13 34	1 26	11 55	1 22	10 22	1 7	3 20	1 7	21 57	1 2	1 21	0 46	21 16	0 20	12 52	17 28	23 17	23 20	24 37	6 23	2 10
W30	6 10	23 42	2 54	13 6	1 32	12 23	1 27	10 7	1 6	3 15	1 7	21 57	1 2	1 22	0 46	21 16	0 20	12 53	17 28	23 17	23 20	24 37	6 22	2 10
T 31	5n47	24s42	1s48	12n35	1n38	12s51	1s31	9n53	1n 6	3n10	1n 7	21s57	1n 2	1s23	0s46	21s16	0n20	12s53	17s28	23s17	23s21	24n37	6n21	2n10

Julian Day Number = 2210705.5, Delta T = 09m23s
Ecliptic obliquity = 23°31'31, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°32'34, Lahiri = 14°39'35 Julian Calendar 1 Aug. 1340 == Greg. Calendar 9 Aug. 1340

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ASTRODIENST EPHEMERIS for the year 1340
geocentric

SEPTEMBER 1340 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	23 12 53	16♍20'29	1♑20	2♍59	0♏54	7♍57	24♍52	18♐ 6	28°R17	22°R42	7°R52	7°R57	6♑51	16♊ 5	10°R56	F 1
S 2	23 16 50	17°19'08	15°25	4°45	2° 0	8°35	25° 5	18° 8	28♓15	22♑41	7♈51	7♑57	6°48	16°11	10♈54	S 2
S 3	23 20 47	18°17'48	29°26	6°32	3° 7	9°14	25°18	18°10	28°13	22°40	7°50	7°56	6°45	16°18	10°51	S 3
M 4	23 24 43	19°16'31	13♒22	8°21	4°13	9°52	25°31	18°11	28°10	22°40	7°49	7°51	6°42	16°25	10°49	M 4
T 5	23 28 40	20°15'15	27°11	10°10	5°19	10°31	25°44	18°13	28° 8	22°39	7°48	7°44	6°39	16°31	10°46	T 5
W 6	23 32 36	21°14'01	10♓49	12° 0	6°26	11° 9	25°57	18°16	28° 5	22°38	7°47	7°35	6°35	16°38	10°44	W 6
T 7	23 36 33	22°12'49	24°14	13°50	7°31	11°47	26°10	18°18	28° 3	22°38	7°46	7°23	6°32	16°44	10°41	T 7
F 8	23 40 29	23°11'39	7♈23	15°41	8°37	12°26	26°23	18°20	28° 1	22°37	7°45	7°11	6°29	16°51	10°38	F 8
S 9	23 44 26	24°10'31	20°15	17°31	9°43	13° 4	26°36	18°23	27°58	22°37	7°43	6°59	6°26	16°58	10°36	S 9
S 10	23 48 22	25° 9'25	2♉49	19°21	10°48	13°43	26°49	18°25	27°56	22°36	7°42	6°48	6°23	17° 4	10°33	S 10
M11	23 52 19	26° 8'22	15° 6	21°10	11°53	14°21	27° 2	18°28	27°53	22°36	7°41	6°39	6°20	17°11	10°30	M11
T 12	23 56 15	27° 7'21	27°10	22°59	12°58	15° 0	27°15	18°30	27°51	22°35	7°40	6°33	6°16	17°18	10°28	T 12
W13	0 0 12	28° 6'22	9♊ 4	24°48	14° 3	15°38	27°28	18°33	27°48	22°35	7°39	6°30	6°13	17°24	10°25	W13
T 14	0 4 9	29° 5'25	20°53	26°35	15° 7	16°17	27°41	18°36	27°46	22°34	7°38	6°29	6°10	17°31	10°22	T 14
F 15	0 8 5	0♎ 4'31	2♋42	28°22	16°12	16°55	27°54	18°39	27°44	22°34	7°37	6°29	6° 7	17°38	10°19	F 15
S 16	0 12 2	1° 3'39	14°36	0♎ 9	17°16	17°34	28° 7	18°42	27°41	22°33	7°35	6°29	6° 4	17°44	10°17	S 16
S 17	0 15 58	2° 2'50	26°41	1°54	18°20	18°13	28°20	18°45	27°39	22°33	7°34	6°27	6° 0	17°51	10°14	S 17
M18	0 19 55	3° 2'02	9♌ 2	3°39	19°24	18°51	28°33	18°48	27°36	22°33	7°33	6°24	5°57	17°58	10°11	M18
T 19	0 23 51	4° 1'17	21°44	5°23	20°27	19°30	28°46	18°51	27°34	22°33	7°32	6°18	5°54	18° 4	10° 8	T 19
W20	0 27 48	5° 0'35	4♍48	7° 6	21°30	20° 8	28°59	18°55	27°32	22°32	7°31	6°10	5°51	18°11	10° 5	W20
T 21	0 31 44	5°59'54	18°15	8°49	22°33	20°47	29°12	18°58	27°29	22°32	7°30	5°59	5°48	18°18	10° 3	T 21
F 22	0 35 41	6°59'16	2♎ 5	10°31	23°36	21°26	29°25	19° 2	27°27	22°32	7°28	5°47	5°45	18°24	10° 0	F 22
S 23	0 39 38	7°58'39	16°13	12°12	24°38	22° 4	29°38	19° 5	27°24	22°32	7°27	5°34	5°41	18°31	9°57	S 23
S 24	0 43 34	8°58'05	0♏34	13°52	25°40	22°43	29°51	19° 9	27°22	22°32	7°26	5°23	5°38	18°38	9°54	S 24
M25	0 47 31	9°57'33	15° 2	15°31	26°42	23°22	0♎ 4	19°13	27°20	22°32	7°25	5°14	5°35	18°44	9°51	M25
T 26	0 51 27	10°57'03	29°31	17°10	27°44	24° 0	0°16	19°17	27°17	22°D32	7°24	5° 8	5°32	18°51	9°49	T 26
W27	0 55 24	11°56'34	13♐54	18°48	28°45	24°39	0°29	19°21	27°15	22°32	7°23	5° 5	5°29	18°58	9°46	W27
T 28	0 59 20	12°56'08	28°10	20°25	29°46	25°18	0°42	19°25	27°13	22°32	7°22	5° 3	5°26	19° 4	9°43	T 28
F 29	1 3 17	13°55'43	12♑16	22° 2	0♐46	25°57	0°55	19°29	27°10	22°32	7°20	5° 3	5°22	19°11	9°40	F 29
S 30	1 7 13	14♎55'20	26♑12	23♎38	1♐47	26♍35	1♎ 8	19♐33	27♓ 8	22♑32	7♈19	5♑ 3	5♑19	19♊17	9♈37	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	5n25	24s 6	0s35	12n 2	1n42	13s19	1s36	9n39	1n 6	3n 5	1n 7	21s58	1n 2	1s24	0s46	21s17	0n20	12s54	17s29	23s17	23s21	24n37	6n20	2n10
S 2	5 2	21 59	0n40	11 26	1 46	13 47	1 40	9 24	1 6	2 59	1 7	21 58	1 2	1 25	0 46	21 17	0 20	12 54	17 29	23 17	23 21	24 37	6 19	2 10
S 3	4 39	18 32	1 51	10 49	1 48	14 14	1 45	9 9	1 6	2 54	1 7	21 58	1 2	1 26	0 46	21 17	0 20	12 55	17 29	23 17	23 21	24 37	6 18	2 10
M 4	4 16	14 3	2 56	10 10	1 50	14 41	1 49	8 55	1 6	2 49	1 7	21 59	1 1	1 26	0 46	21 17	0 20	12 55	17 29	23 17	23 21	24 36	6 17	2 10
T 5	3 52	8 54	3 50	9 29	1 51	15 8	1 54	8 40	1 6	2 44	1 7	21 59	1 1	1 27	0 46	21 17	0 20	12 56	17 29	23 18	23 21	24 36	6 16	2 10
W 6	3 29	3 23	4 29	8 48	1 51	15 34	1 58	8 25	1 6	2 39	1 7	21 59	1 1	1 28	0 46	21 17	0 20	12 57	17 29	23 18	23 22	24 36	6 15	2 10
T 7	3 6	2n11	4 53	8 5	1 50	16 0	2 3	8 10	1 5	2 34	1 7	22 0	1 1	1 29	0 46	21 17	0 20	12 57	17 29	23 19	23 22	24 36	6 14	2 10
F 8	2 43	7 33	5 1	7 21	1 49	16 26	2 7	7 55	1 5	2 28	1 7	22 0	1 1	1 30	0 46	21 18	0 20	12 58	17 29	23 20	23 22	24 36	6 13	2 10
S 9	2 19	12 27	4 53	6 36	1 47	16 51	2 12	7 41	1 5	2 23	1 7	22 1	1 1	1 31	0 46	21 18	0 20	12 58	17 29	23 20	23 22	24 36	6 12	2 10
S 10	1 56	16 44	4 31	5 50	1 45	17 16	2 16	7 26	1 5	2 18	1 7	22 1	1 0	1 32	0 46	21 18	0 20	12 59	17 30	23 21	23 22	24 36	6 11	2 10
M11	1 32	20 12	3 57	5 5	1 42	17 41	2 21	7 11	1 5	2 13	1 7	22 1	1 0	1 33	0 46	21 18	0 20	12 59	17 30	23 21	23 22	24 35	6 10	2 10
T 12	1 9	22 43	3 12	4 18	1 39	18 5	2 25	6 55	1 5	2 8	1 7	22 2	1 0	1 34	0 46	21 18	0 20	13 0	17 30	23 22	23 23	24 35	6 9	2 10
W13	0 45	24 12	2 20	3 32	1 35	18 29	2 29	6 40	1 4	2 3	1 7	22 2	1 0	1 35	0 46	21 18	0 20	13 0	17 30	23 22	23 23	24 35	6 8	2 10
T 14	0 22	24 34	1 22	2 45	1 31	18 53	2 34	6 25	1 4	1 57	1 7	22 3	1 0	1 36	0 46	21 18	0 20	13 1	17 30	23 22	23 23	24 35	6 7	2 10
F 15	0s 2	23 50	0 20	1 58	1 26	19 16	2 38	6 10	1 4	1 52	1 7	22 3	1 0	1 37	0 46	21 18	0 20	13 1	17 30	23 22	23 23	24 35	6 5	2 10
S 16	0 25	22 1	0s43	1 11	1 21	19 38	2 42	5 55	1 4	1 47	1 8	22 3	0 59	1 38	0 46	21 18	0 20	13 2	17 30	23 22	23 23	24 34	6 4	2 10
S 17	0 49	19 11	1 45	0 24	1 16	20 1	2 47	5 39	1 4	1 42	1 8	22 4	0 59	1 39	0 46	21 18	0 20	13 2	17 30	23 22	23 23	24 34	6 3	2 10
M18	1 13	15 26	2 43	0s22	1 11	20 23	2 51	5 24	1 4	1 37	1 8	22 4	0 59	1 40	0 46	21 19	0 20	13 3	17 30	23 22	23 23	24 34	6 2	2 10
T 19	1 36	10 55	3 35	1 9	1 5	20 44	2 55	5 9	1 3	1 32	1 8	22 5	0 59	1 41	0 46	21 19	0 20	13 3	17 30	23 22	23 24	24 34	6 1	2 10
W20	2 0	5 48	4 17	1 55	0 59	21 5	2 59	4 53	1 3	1 26	1 8	22 5	0 59	1 42	0 46	21 19	0 20	13 3	17 30	23 23	23 24	24 33	6 0	2 10
T 21	2 23	0 16	4 46	2 41	0 53	21 25	3 3	4 38	1 3	1 21	1 8	22 6	0 59	1 43	0 46	21 19	0 20	13 4	17 30	23 23	23 24	24 33	5 59	2 10
F 22	2 47	5s25	5 0	3 27	0 47	21 45	3 7	4 22	1 3	1 16	1 8	22 6	0 58	1 44	0 46	21 19	0 20	13 4	17 30	23 24	23 24	24 33	5 57	2 9
S 23	3 11	10 56	4 55	4 13	0 41	22 5	3 11	4 7	1 3	1 11	1 8	22 6	0 58	1 45	0 46	21 19	0 20	13 5	17 30	23 24	23 24	24 33	5 56	2 9
S 24	3 34	15 57	4 32	4 58	0 34	22 24	3 15	3 51	1 2	1 6	1 8	22 7	0 58	1 46	0 46	21 19	0 20	13 5	17 30	23 25	23 24	24 32	5 55	2 9
M25	3 58	20 6	3 52	5 42	0 28	22 42	3 18	3 36	1 2	1 1	1 8	22 7	0 58	1 47	0 46	21 19	0 20	13 6	17 30	23 25	23 24	24 32	5 54	2 9
T 26	4 21	22 59	2 56	6 26	0 21	23 0	3 22	3 20	1 2	0 56	1 8	22 8	0 58	1 47	0 46	21 19	0 20	13 6	17 30	23 26	23 25	24 32	5 53	2 9
W27	4 44	24 22	1 49	7 10	0 15	23 18	3 26	3 5	1 2	0 51	1 8	22 8	0 58	1 48	0 46	21 19	0 19	13 7	17 30	23 26	23 25	24 32	5 51	2 9
T 28	5 8	24 7	0 36	7 53	0 8	23 35	3 29	2 49	1 2	0 45	1 8	22 9	0 57	1 49	0 46	21 19	0 19	13 7	17 30	23 26	23 25	24 31	5 50	2 9
F 29	5 31	22 19	0n38	8 36	0 1	23 51	3 33	2 33	1 1	0 40	1 8	22 9	0 57	1 50	0 46	21 19	0 19	13 7	17 30	23 26	23 25	24 31	5 49	2 9
S 30	5s54	19s12	1n49	9s18	0s 6	24s 7	3s36	2n18	1n 1	0n35	1n 8	22s10	0n57	1s51	0s46	21s19	0n19	13s 8	17s30	23s26	23s25	24n31	5n48	2n 9

Julian Day Number = 2210736.5, Delta T = 09m23s
Ecliptic obliquity = 23°31'31, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°32'38, Lahiri = 14°39'39 Julian Calendar 1 Sept. 1340 == Greg. Calendar 9 Sept. 1340

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1340
geocentric

OCTOBER 1340 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	1 11 10	15♎54'58	9♒57	25♎14	2♐46	27♍14	1♎21	19♐37	27°R 6	22♑32	7°R18	5°R 1	5♑16	19♊24	9°R35	S 1
M 2	1 15 7	16°54'38	23°32	26°48	3°46	27°53	1°33	19°42	27♓ 4	22°32	7♈17	4♑57	5°13	19°31	9♈32	M 2
T 3	1 19 3	17°54'20	6♓57	28°23	4°45	28°32	1°46	19°46	27° 1	22°32	7°16	4°50	5°10	19°37	9°29	T 3
W 4	1 23 0	18°54'04	20°11	29°56	5°43	29°10	1°59	19°51	26°59	22°33	7°15	4°40	5° 6	19°44	9°26	W 4
T 5	1 26 56	19°53'49	3♈13	1♏29	6°42	29°49	2°12	19°55	26°57	22°33	7°13	4°28	5° 3	19°51	9°23	T 5
F 6	1 30 53	20°53'37	16° 3	3° 2	7°39	0♎28	2°24	20° 0	26°55	22°33	7°12	4°15	5° 0	19°57	9°21	F 6
S 7	1 34 49	21°53'27	28°40	4°34	8°37	1° 7	2°37	20° 4	26°53	22°34	7°11	4° 2	4°57	20° 4	9°18	S 7
S 8	1 38 46	22°53'18	11♉ 3	6° 5	9°34	1°46	2°50	20° 9	26°51	22°34	7°10	3°51	4°54	20°11	9°15	S 8
M 9	1 42 42	23°53'12	23°13	7°36	10°30	2°25	3° 2	20°14	26°48	22°34	7° 9	3°42	4°51	20°17	9°13	M 9
T 10	1 46 39	24°53'08	5♊13	9° 6	11°26	3° 4	3°15	20°19	26°46	22°35	7° 8	3°35	4°47	20°24	9°10	T 10
W11	1 50 36	25°53'05	17° 4	10°36	12°21	3°43	3°27	20°24	26°44	22°35	7° 7	3°32	4°44	20°31	9° 7	W11
T 12	1 54 32	26°53'05	28°51	12° 5	13°16	4°21	3°40	20°29	26°42	22°36	7° 6	3°D30	4°41	20°37	9° 5	T 12
F 13	1 58 29	27°53'08	10♋38	13°34	14°10	5° 0	3°52	20°34	26°40	22°36	7° 5	3°30	4°38	20°44	9° 2	F 13
S 14	2 2 25	28°53'12	22°31	15° 2	15° 3	5°39	4° 5	20°39	26°38	22°37	7° 4	3°31	4°35	20°51	8°59	S 14
S 15	2 6 22	29°53'18	4♌34	16°30	15°56	6°18	4°17	20°44	26°37	22°38	7° 3	3°R31	4°32	20°57	8°57	S 15
M16	2 10 18	0♏53'27	16°54	17°57	16°49	6°57	4°29	20°50	26°35	22°38	7° 1	3°29	4°28	21° 4	8°54	M16
T 17	2 14 15	1°53'38	29°35	19°23	17°40	7°36	4°41	20°55	26°33	22°39	7° 0	3°26	4°25	21°11	8°52	T 17
W18	2 18 11	2°53'50	12♍40	20°49	18°31	8°15	4°54	21° 0	26°31	22°40	6°59	3°20	4°22	21°17	8°49	W18
T 19	2 22 8	3°54'05	26°14	22°14	19°22	8°55	5° 6	21° 6	26°29	22°40	6°58	3°12	4°19	21°24	8°47	T 19
F 20	2 26 4	4°54'22	10♎14	23°39	20°11	9°34	5°18	21°11	26°27	22°41	6°57	3° 3	4°16	21°30	8°44	F 20
S 21	2 30 1	5°54'40	24°38	25° 2	21° 0	10°13	5°30	21°17	26°26	22°42	6°56	2°53	4°12	21°37	8°42	S 21
S 22	2 33 58	6°55'01	9♏20	26°25	21°48	10°52	5°42	21°23	26°24	22°43	6°55	2°44	4° 9	21°44	8°39	S 22
M23	2 37 54	7°55'23	24°12	27°47	22°35	11°31	5°54	21°28	26°22	22°44	6°54	2°37	4° 6	21°50	8°37	M23
T 24	2 41 51	8°55'47	9♐ 6	29° 8	23°21	12°10	6° 6	21°34	26°21	22°45	6°53	2°32	4° 3	21°57	8°35	T 24
W25	2 45 47	9°56'13	23°53	0♐27	24° 7	12°49	6°18	21°40	26°19	22°46	6°52	2°30	4° 0	22° 4	8°32	W25
T 26	2 49 44	10°56'40	8♑28	1°46	24°51	13°28	6°30	21°46	26°18	22°47	6°52	2°D30	3°57	22°10	8°30	T 26
F 27	2 53 40	11°57'08	22°47	3° 3	25°34	14° 8	6°42	21°52	26°16	22°48	6°51	2°31	3°53	22°17	8°28	F 27
S 28	2 57 37	12°57'38	6♒47	4°18	26°16	14°47	6°53	21°58	26°15	22°49	6°50	2°R32	3°50	22°24	8°26	S 28
S 29	3 1 34	13°58'09	20°29	5°32	26°58	15°26	7° 5	22° 4	26°13	22°50	6°49	2°32	3°47	22°30	8°23	S 29
M30	3 5 30	14°58'41	3♓54	6°44	27°38	16° 5	7°16	22°10	26°12	22°51	6°48	2°30	3°44	22°37	8°21	M30
T 31	3 9 27	15♏59'14	17♓ 4	7♐53	28♐17	16♎45	7♎28	22♐16	26♓11	22♑52	6♈47	2♑26	3♑41	22♊44	8♈19	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	6s17	15s 2	2n53	9s59	0s13	24s22	3s39	2n 2	1n 1	0n30	1n 8	22s10	0n57	1s52	0s46	21s19	0n19	13s 8	17s30	23s26	23s25	24n30	5n47	2n 9
M 2	6 40	10 9	3 47	10 40	0 19	24 37	3 43	1 47	1 1	0 25	1 8	22 11	0 57	1 53	0 46	21 19	0 19	13 9	17 30	23 26	23 25	24 30	5 46	2 9
T 3	7 3	4 52	4 27	11 21	0 26	24 52	3 46	1 31	1 1	0 20	1 8	22 11	0 57	1 54	0 46	21 19	0 19	13 9	17 30	23 26	23 25	24 30	5 44	2 9
W 4	7 26	0n34	4 52	12 0	0 33	25 5	3 49	1 15	1 0	0 15	1 8	22 12	0 57	1 55	0 46	21 19	0 19	13 9	17 30	23 27	23 26	24 29	5 43	2 8
T 5	7 48	5 53	5 1	12 39	0 40	25 18	3 52	0 59	1 0	0 10	1 8	22 12	0 56	1 55	0 46	21 19	0 19	13 10	17 29	23 27	23 26	24 29	5 42	2 8
F 6	8 11	10 52	4 55	13 18	0 47	25 31	3 54	0 44	1 0	0 5	1 8	22 13	0 56	1 56	0 46	21 19	0 19	13 10	17 29	23 27	23 26	24 29	5 41	2 8
S 7	8 34	15 18	4 34	13 55	0 53	25 43	3 57	0 28	1 0	0 0	1 8	22 13	0 56	1 57	0 46	21 19	0 19	13 10	17 29	23 28	23 26	24 28	5 40	2 8
S 8	8 56	19 0	4 1	14 32	1 0	25 54	3 59	0 12	0 59	0s 5	1 9	22 14	0 56	1 58	0 46	21 19	0 19	13 11	17 29	23 28	23 26	24 28	5 38	2 8
M 9	9 18	21 49	3 17	15 8	1 6	26 5	4 2	0s 3	0 59	0 10	1 9	22 14	0 56	1 59	0 46	21 19	0 19	13 11	17 29	23 28	23 26	24 28	5 37	2 8
T 10	9 40	23 37	2 25	15 44	1 13	26 16	4 4	0 19	0 59	0 15	1 9	22 15	0 56	2 0	0 46	21 19	0 19	13 11	17 29	23 29	23 26	24 27	5 36	2 8
W11	10 2	24 20	1 27	16 18	1 19	26 25	4 6	0 35	0 59	0 20	1 9	22 15	0 56	2 0	0 46	21 19	0 19	13 12	17 29	23 29	23 26	24 27	5 35	2 8
T 12	10 24	23 56	0 25	16 52	1 25	26 35	4 8	0 51	0 58	0 25	1 9	22 16	0 55	2 1	0 46	21 19	0 19	13 12	17 29	23 29	23 27	24 27	5 34	2 8
F 13	10 46	22 28	0s38	17 25	1 31	26 43	4 10	1 6	0 58	0 29	1 9	22 16	0 55	2 2	0 46	21 18	0 19	13 12	17 29	23 29	23 27	24 26	5 33	2 8
S 14	11 7	20 0	1 40	17 57	1 37	26 51	4 12	1 22	0 58	0 34	1 9	22 17	0 55	2 3	0 46	21 18	0 19	13 13	17 28	23 29	23 27	24 26	5 32	2 7
S 15	11 28	16 38	2 38	18 28	1 43	26 59	4 13	1 38	0 58	0 39	1 9	22 17	0 55	2 3	0 46	21 18	0 19	13 13	17 28	23 29	23 27	24 25	5 30	2 7
M16	11 50	12 29	3 30	18 58	1 48	27 5	4 15	1 54	0 57	0 44	1 9	22 18	0 55	2 4	0 46	21 18	0 19	13 13	17 28	23 29	23 27	24 25	5 29	2 7
T 17	12 10	7 42	4 14	19 28	1 54	27 12	4 16	2 9	0 57	0 49	1 9	22 18	0 55	2 5	0 46	21 18	0 19	13 13	17 28	23 29	23 27	24 25	5 28	2 7
W18	12 31	2 26	4 46	19 56	1 59	27 17	4 17	2 25	0 57	0 54	1 9	22 19	0 55	2 5	0 46	21 18	0 19	13 14	17 28	23 29	23 27	24 24	5 27	2 7
T 19	12 52	3s 7	5 3	20 23	2 4	27 22	4 18	2 41	0 57	0 58	1 9	22 19	0 54	2 6	0 46	21 18	0 19	13 14	17 28	23 29	23 27	24 24	5 26	2 7
F 20	13 12	8 42	5 3	20 49	2 8	27 27	4 18	2 56	0 56	1 3	1 9	22 20	0 54	2 7	0 46	21 18	0 19	13 14	17 27	23 29	23 27	24 23	5 25	2 7
S 21	13 32	13 58	4 44	21 14	2 13	27 31	4 19	3 12	0 56	1 8	1 10	22 20	0 54	2 8	0 46	21 18	0 19	13 14	17 27	23 30	23 27	24 23	5 24	2 7
S 22	13 52	18 32	4 6	21 38	2 17	27 34	4 19	3 28	0 56	1 12	1 10	22 21	0 54	2 8	0 46	21 18	0 19	13 15	17 27	23 30	23 28	24 22	5 23	2 6
M23	14 12	21 58	3 11	22 1	2 21	27 37	4 19	3 43	0 55	1 17	1 10	22 21	0 54	2 9	0 46	21 17	0 19	13 15	17 27	23 30	23 28	24 22	5 22	2 6
T 24	14 32	23 55	2 2	22 23	2 24	27 40	4 18	3 59	0 55	1 22	1 10	22 22	0 54	2 9	0 46	21 17	0 19	13 15	17 27	23 30	23 28	24 22	5 21	2 6
W25	14 51	24 9	0 46	22 43	2 27	27 41	4 18	4 14	0 55	1 26	1 10	22 22	0 54	2 10	0 46	21 17	0 19	13 15	17 27	23 30	23 28	24 21	5 20	2 6
T 26	15 10	22 43	0n32	23 2	2 30	27 43	4 17	4 30	0 55	1 31	1 10	22 23	0 54	2 11	0 46	21 17	0 19	13 15	17 26	23 30	23 28	24 21	5 19	2 6
F 27	15 29	19 50	1 47	23 20	2 32	27 43	4 16	4 45	0 54	1 36	1 10	22 23	0 53	2 11	0 46	21 17	0 19	13 15	17 26	23 30	23 28	24 20	5 18	2 6
S 28	15 47	15 50	2 54	23 36	2 34	27 43	4 15	5 1	0 54	1 40	1 10	22 24	0 53	2 12	0 46	21 17	0 19	13 16	17 26	23 30	23 28	24 20	5 17	2 6
S 29	16 5	11 5	3 50	23 51	2 35	27 43	4 14	5 16	0 54	1 45	1 10	22 24	0 53	2 12	0 46	21 17	0 19	13 16	17 26	23 30	23 28	24 19	5 16	2 5
M30	16 23	5 54	4 31	24 5	2 36	27 42	4 12	5 32	0 53	1 49	1 11	22 25	0 53	2 13	0 46	21 16	0 19	13 16	17 25	23 30	23 28	24 19	5 15	2 5
T 31	16s41	0s34	4n58	24s17	2s37	27s41	4s10	5s47	0n53	1s53	1n11	22s25	0n53	2s13	0s46	21s16	0n19	13s16	17s25	23s30	23s28	24n18	5n14	2n 5

Julian Day Number = 2210766.5, Delta T = 09m23s
Ecliptic obliquity = 23°31'31, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°32'42, Lahiri = 14°39'43 Julian Calendar 1 Oct. 1340 == Greg. Calendar 9 Oct. 1340

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ASTRODIENST EPHEMERIS for the year 1340
geocentric

NOVEMBER 1340 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	3 13 23	16♏59'49	29♓59	9♐ 0	28♐54	17♎24	7♎39	22♐22	26°R 9	22♑53	6°R46	2°R20	3♑37	22♊50	8°R17	W 1
T 2	3 17 20	18° 0'25	12♈41	10° 4	29°31	18° 3	7°51	22°28	26♓ 8	22°54	6♈45	2♑13	3°34	22°57	8♈15	T 2
F 3	3 21 16	19° 1'02	25°11	11° 5	0♑ 5	18°42	8° 2	22°34	26° 7	22°55	6°45	2° 4	3°31	23° 4	8°13	F 3
S 4	3 25 13	20° 1'41	7♉31	12° 2	0°39	19°22	8°13	22°41	26° 6	22°57	6°44	1°56	3°28	23°10	8°11	S 4
S 5	3 29 9	21° 2'21	19°41	12°55	1°11	20° 1	8°24	22°47	26° 5	22°58	6°43	1°49	3°25	23°17	8° 9	S 5
M 6	3 33 6	22° 3'02	1♊42	13°43	1°42	20°40	8°35	22°53	26° 4	22°59	6°42	1°43	3°22	23°23	8° 7	M 6
T 7	3 37 3	23° 3'45	13°36	14°26	2°11	21°20	8°46	23° 0	26° 3	23° 1	6°41	1°39	3°18	23°30	8° 6	T 7
W 8	3 40 59	24° 4'30	25°24	15° 2	2°38	21°59	8°57	23° 6	26° 2	23° 2	6°41	1°38	3°15	23°37	8° 4	W 8
T 9	3 44 56	25° 5'16	7♋11	15°32	3° 4	22°39	9° 8	23°13	26° 1	23° 3	6°40	1°D38	3°12	23°43	8° 2	T 9
F 10	3 48 52	26° 6'03	18°58	15°54	3°28	23°18	9°19	23°19	26° 0	23° 5	6°39	1°39	3° 9	23°50	8° 0	F 10
S 11	3 52 49	27° 6'52	0♌50	16° 8	3°50	23°57	9°30	23°26	25°59	23° 6	6°39	1°41	3° 6	23°57	7°59	S 11
S 12	3 56 45	28° 7'42	12°52	16°R13	4°10	24°37	9°40	23°32	25°58	23° 8	6°38	1°42	3° 3	24° 3	7°57	S 12
M13	4 0 42	29° 8'33	25° 9	16° 7	4°29	25°16	9°51	23°39	25°58	23° 9	6°37	1°R43	2°59	24°10	7°56	M13
T 14	4 4 38	0♐ 9'26	7♍45	15°51	4°45	25°56	10° 1	23°46	25°57	23°11	6°37	1°43	2°56	24°17	7°54	T 14
W15	4 8 35	1°10'20	20°45	15°24	4°59	26°35	10°12	23°52	25°56	23°12	6°36	1°41	2°53	24°23	7°53	W15
T 16	4 12 32	2°11'16	4♎13	14°46	5°11	27°15	10°22	23°59	25°56	23°14	6°35	1°39	2°50	24°30	7°51	T 16
F 17	4 16 28	3°12'13	18° 9	13°57	5°21	27°55	10°32	24° 6	25°55	23°15	6°35	1°35	2°47	24°37	7°50	F 17
S 18	4 20 25	4°13'12	2♏32	12°57	5°29	28°34	10°42	24°12	25°55	23°17	6°34	1°30	2°43	24°43	7°49	S 18
S 19	4 24 21	5°14'11	17°19	11°49	5°34	29°14	10°52	24°19	25°54	23°19	6°34	1°26	2°40	24°50	7°48	S 19
M20	4 28 18	6°15'12	2♐22	10°33	5°37	29°53	11° 2	24°26	25°54	23°20	6°33	1°23	2°37	24°57	7°46	M20
T 21	4 32 14	7°16'14	17°33	9°13	5°R38	0♏33	11°12	24°33	25°54	23°22	6°33	1°22	2°34	25° 3	7°45	T 21
W22	4 36 11	8°17'16	2♑42	7°50	5°36	1°13	11°21	24°40	25°53	23°24	6°32	1°D21	2°31	25°10	7°44	W22
T 23	4 40 7	9°18'19	17°39	6°28	5°32	1°52	11°31	24°47	25°53	23°25	6°32	1°22	2°28	25°16	7°43	T 23
F 24	4 44 4	10°19'23	2♒17	5° 9	5°25	2°32	11°40	24°53	25°53	23°27	6°31	1°23	2°24	25°23	7°42	F 24
S 25	4 48 1	11°20'28	16°33	3°55	5°16	3°12	11°50	25° 0	25°53	23°29	6°31	1°24	2°21	25°30	7°41	S 25
S 26	4 51 57	12°21'32	0♓25	2°50	5° 4	3°51	11°59	25° 7	25°53	23°31	6°31	1°25	2°18	25°36	7°41	S 26
M27	4 55 54	13°22'37	13°52	1°54	4°50	4°31	12° 8	25°14	25°D53	23°33	6°30	1°R26	2°15	25°43	7°40	M27
T 28	4 59 50	14°23'43	26°58	1° 9	4°33	5°11	12°17	25°21	25°53	23°35	6°30	1°25	2°12	25°50	7°39	T 28
W29	5 3 47	15°24'48	9♈44	0°34	4°14	5°51	12°26	25°28	25°53	23°36	6°30	1°24	2° 9	25°56	7°38	W29
T 30	5 7 43	16♐25'55	22♈14	0♐11	3♑53	6♏30	12♎35	25♐35	25♓53	23♑38	6♈29	1♑22	2♑ 5	26♊ 3	7♈38	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	16s58	4n42	5n 8	24s27	2s36	27s39	4s 8	6s 3	0n53	1s58	1n11	22s25	0n53	2s14	0s45	21s16	0n19	13s16	17s25	23s30	23s29	24n18	5n13	2n 5
T 2	17 15	9 41	5 3	24 36	2 35	27 37	4 5	6 18	0 52	2 2	1 11	22 26	0 53	2 14	0 45	21 16	0 19	13 16	17 25	23 30	23 29	24 17	5 12	2 5
F 3	17 32	14 11	4 44	24 43	2 33	27 34	4 2	6 33	0 52	2 7	1 11	22 26	0 53	2 15	0 45	21 16	0 19	13 16	17 24	23 31	23 29	24 17	5 11	2 5
S 4	17 49	18 2	4 12	24 48	2 30	27 30	3 59	6 48	0 52	2 11	1 11	22 27	0 53	2 15	0 45	21 16	0 19	13 16	17 24	23 31	23 29	24 16	5 10	2 5
S 5	18 5	21 3	3 28	24 51	2 27	27 27	3 55	7 4	0 51	2 15	1 11	22 27	0 52	2 15	0 45	21 15	0 19	13 16	17 24	23 31	23 29	24 16	5 9	2 4
M 6	18 21	23 7	2 36	24 53	2 22	27 22	3 52	7 19	0 51	2 19	1 11	22 28	0 52	2 16	0 45	21 15	0 19	13 17	17 24	23 31	23 29	24 15	5 8	2 4
T 7	18 36	24 7	1 37	24 52	2 17	27 18	3 47	7 34	0 51	2 24	1 12	22 28	0 52	2 16	0 45	21 15	0 19	13 17	17 23	23 31	23 29	24 15	5 7	2 4
W 8	18 51	24 1	0 34	24 50	2 10	27 13	3 43	7 49	0 50	2 28	1 12	22 29	0 52	2 17	0 45	21 15	0 19	13 17	17 23	23 31	23 29	24 14	5 6	2 4
T 9	19 6	22 50	0s30	24 45	2 2	27 7	3 38	8 4	0 50	2 32	1 12	22 29	0 52	2 17	0 45	21 15	0 19	13 17	17 23	23 31	23 29	24 13	5 6	2 4
F 10	19 21	20 38	1 33	24 38	1 53	27 1	3 32	8 19	0 50	2 36	1 12	22 30	0 52	2 17	0 45	21 14	0 19	13 17	17 23	23 31	23 29	24 13	5 5	2 4
S 11	19 35	17 33	2 33	24 29	1 42	26 55	3 27	8 34	0 49	2 40	1 12	22 30	0 52	2 17	0 45	21 14	0 19	13 17	17 22	23 31	23 29	24 12	5 4	2 3
S 12	19 49	13 42	3 27	24 18	1 30	26 48	3 20	8 49	0 49	2 44	1 12	22 30	0 52	2 18	0 45	21 14	0 18	13 17	17 22	23 31	23 29	24 12	5 3	2 3
M13	20 2	9 13	4 12	24 4	1 16	26 40	3 14	9 4	0 48	2 48	1 12	22 31	0 52	2 18	0 45	21 14	0 18	13 17	17 22	23 31	23 29	24 11	5 2	2 3
T 14	20 15	4 15	4 47	23 47	1 1	26 33	3 7	9 18	0 48	2 52	1 13	22 31	0 52	2 18	0 45	21 13	0 18	13 17	17 21	23 31	23 30	24 11	5 2	2 3
W15	20 28	1s 3	5 8	23 28	0 44	26 25	2 59	9 33	0 48	2 56	1 13	22 32	0 51	2 18	0 45	21 13	0 18	13 17	17 21	23 31	23 30	24 10	5 1	2 3
T 16	20 40	6 28	5 14	23 5	0 27	26 16	2 51	9 48	0 47	3 0	1 13	22 32	0 51	2 19	0 45	21 13	0 18	13 16	17 21	23 31	23 30	24 9	5 0	2 3
F 17	20 52	11 46	5 1	22 41	0 8	26 7	2 43	10 2	0 47	3 4	1 13	22 32	0 51	2 19	0 45	21 13	0 18	13 16	17 20	23 31	23 30	24 9	5 0	2 2
S 18	21 4	16 36	4 29	22 14	0n12	25 58	2 34	10 17	0 46	3 8	1 13	22 33	0 51	2 19	0 45	21 12	0 18	13 16	17 20	23 31	23 30	24 8	4 59	2 2
S 19	21 15	20 34	3 39	21 45	0 33	25 49	2 24	10 31	0 46	3 11	1 13	22 33	0 51	2 19	0 45	21 12	0 18	13 16	17 20	23 31	23 30	24 8	4 58	2 2
M20	21 26	23 13	2 33	21 14	0 53	25 39	2 14	10 46	0 46	3 15	1 14	22 34	0 51	2 19	0 45	21 12	0 18	13 16	17 19	23 31	23 30	24 7	4 58	2 2
T 21	21 36	24 11	1 15	20 43	1 13	25 28	2 4	11 0	0 45	3 19	1 14	22 34	0 51	2 19	0 45	21 12	0 18	13 16	17 19	23 31	23 30	24 6	4 57	2 2
W22	21 46	23 22	0n 7	20 11	1 32	25 17	1 53	11 14	0 45	3 22	1 14	22 34	0 51	2 19	0 45	21 11	0 18	13 16	17 19	23 31	23 30	24 6	4 56	2 2
T 23	21 55	20 53	1 29	19 40	1 50	25 6	1 42	11 28	0 44	3 26	1 14	22 35	0 51	2 19	0 45	21 11	0 18	13 16	17 18	23 31	23 30	24 5	4 56	2 1
F 24	22 5	17 5	2 43	19 11	2 5	24 55	1 30	11 42	0 44	3 30	1 14	22 35	0 51	2 19	0 45	21 11	0 18	13 16	17 18	23 31	23 30	24 4	4 55	2 1
S 25	22 13	12 22	3 45	18 44	2 19	24 43	1 18	11 56	0 44	3 33	1 14	22 35	0 51	2 20	0 45	21 10	0 18	13 16	17 18	23 31	23 30	24 4	4 55	2 1
S 26	22 21	7 8	4 31	18 20	2 31	24 30	1 5	12 10	0 43	3 37	1 15	22 36	0 50	2 20	0 45	21 10	0 18	13 15	17 17	23 31	23 30	24 3	4 54	2 1
M27	22 29	1 43	5 2	18 0	2 40	24 18	0 52	12 24	0 43	3 40	1 15	22 36	0 50	2 19	0 44	21 10	0 18	13 15	17 17	23 31	23 30	24 3	4 54	2 1
T 28	22 37	3n37	5 16	17 45	2 47	24 5	0 38	12 38	0 42	3 43	1 15	22 36	0 50	2 19	0 44	21 10	0 18	13 15	17 17	23 31	23 30	24 2	4 53	2 1
W29	22 43	8 40	5 13	17 33	2 51	23 51	0 24	12 52	0 42	3 47	1 15	22 37	0 50	2 19	0 44	21 9	0 18	13 15	17 16	23 31	23 30	24 1	4 53	2 0
T 30	22s50	13n15	4n56	17s26	2n54	23s38	0s10	13s 5	0n41	3s50	1n15	22s37	0n50	2s19	0s44	21s 9	0n18	13s15	17s16	23s31	23s30	24n 0	4n53	2n 0

Julian Day Number = 2210797.5, Delta T = 09m22s
Ecliptic obliquity = 23°31'30, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°32'47, Lahiri = 14°39'47 Julian Calendar 1 Nov. 1340 == Greg. Calendar 9 Nov. 1340

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ASTRODIENST EPHEMERIS for the year 1340
geocentric

DECEMBER 1340 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	5 11 40	17♐27'01	4♉30	29°R59	3°R29	7♏10	12♎43	25♐42	25♓53	23♑40	6°R29	1°R20	2♑ 2	26♊10	7°R37	F 1
S 2	5 15 36	18°28'08	16°36	29°D56	3♑ 4	7°50	12°52	25°49	25°53	23°42	6♈29	1♑18	1°59	26°16	7♈37	S 2
S 3	5 19 33	19°29'15	28°35	0♐ 4	2°36	8°30	13° 0	25°56	25°54	23°44	6°29	1°16	1°56	26°23	7°36	S 3
M 4	5 23 30	20°30'23	10♊27	0°20	2° 6	9°10	13° 9	26° 3	25°54	23°46	6°28	1°15	1°53	26°30	7°36	M 4
T 5	5 27 26	21°31'31	22°16	0°44	1°35	9°49	13°17	26°10	25°54	23°48	6°28	1°14	1°49	26°36	7°35	T 5
W 6	5 31 23	22°32'39	4♋ 4	1°16	1° 2	10°29	13°25	26°17	25°55	23°50	6°28	1°D14	1°46	26°43	7°35	W 6
T 7	5 35 19	23°33'48	15°52	1°54	0°28	11° 9	13°33	26°24	25°55	23°52	6°28	1°14	1°43	26°50	7°35	T 7
F 8	5 39 16	24°34'57	27°44	2°38	29♐53	11°49	13°41	26°31	25°56	23°54	6°28	1°15	1°40	26°56	7°35	F 8
S 9	5 43 12	25°36'07	9♌41	3°27	29°17	12°29	13°48	26°38	25°56	23°56	6°28	1°16	1°37	27° 3	7°35	S 9
S 10	5 47 9	26°37'17	21°47	4°20	28°41	13° 9	13°56	26°46	25°57	23°58	6°28	1°16	1°34	27° 9	7°D35	S 10
M11	5 51 5	27°38'27	4♍ 5	5°18	28° 4	13°49	14° 3	26°53	25°58	24° 0	6°28	1°17	1°30	27°16	7°35	M11
T 12	5 55 2	28°39'38	16°40	6°19	27°28	14°29	14°10	27° 0	25°59	24° 2	6°27	1°17	1°27	27°23	7°35	T 12
W13	5 58 59	29°40'49	29°35	7°24	26°51	15° 9	14°18	27° 7	25°59	24° 4	6°D27	1°R17	1°24	27°29	7°35	W13
T 14	6 2 55	0♑42'01	12♎53	8°31	26°15	15°49	14°25	27°14	26° 0	24° 7	6°27	1°17	1°21	27°36	7°35	T 14
F 15	6 6 52	1°43'12	26°36	9°41	25°40	16°29	14°31	27°21	26° 1	24° 9	6°28	1°D17	1°18	27°43	7°35	F 15
S 16	6 10 48	2°44'25	10♏46	10°53	25° 6	17° 9	14°38	27°28	26° 2	24°11	6°28	1°17	1°15	27°49	7°35	S 16
S 17	6 14 45	3°45'37	25°20	12° 6	24°33	17°49	14°45	27°35	26° 3	24°13	6°28	1°17	1°11	27°56	7°36	S 17
M18	6 18 41	4°46'50	10♐16	13°22	24° 1	18°29	14°51	27°42	26° 4	24°15	6°28	1°17	1° 8	28° 3	7°36	M18
T 19	6 22 38	5°48'02	25°24	14°39	23°31	19° 9	14°57	27°49	26° 5	24°17	6°28	1°R18	1° 5	28° 9	7°37	T 19
W20	6 26 35	6°49'15	10♑38	15°58	23° 3	19°49	15° 3	27°56	26° 6	24°20	6°28	1°18	1° 2	28°16	7°37	W20
T 21	6 30 31	7°50'27	25°47	17°18	22°37	20°30	15° 9	28° 3	26° 8	24°22	6°28	1°17	0°59	28°23	7°38	T 21
F 22	6 34 28	8°51'39	10♒41	18°39	22°12	21°10	15°15	28°10	26° 9	24°24	6°28	1°17	0°55	28°29	7°38	F 22
S 23	6 38 24	9°52'51	25°13	20° 1	21°50	21°50	15°21	28°17	26°10	24°26	6°29	1°16	0°52	28°36	7°39	S 23
S 24	6 42 21	10°54'02	9♓20	21°24	21°30	22°30	15°26	28°24	26°12	24°28	6°29	1°14	0°49	28°43	7°40	S 24
M25	6 46 17	11°55'12	22°58	22°48	21°13	23°10	15°31	28°31	26°13	24°31	6°29	1°13	0°46	28°49	7°41	M25
T 26	6 50 14	12°56'21	6♈10	24°13	20°58	23°50	15°37	28°38	26°14	24°33	6°30	1°13	0°43	28°56	7°42	T 26
W27	6 54 10	13°57'30	18°57	25°39	20°45	24°31	15°42	28°45	26°16	24°35	6°30	1°D13	0°40	29° 2	7°42	W27
T 28	6 58 7	14°58'38	1♉24	27° 6	20°35	25°11	15°46	28°51	26°17	24°37	6°30	1°13	0°36	29° 9	7°43	T 28
F 29	7 2 4	15°59'45	13°34	28°33	20°27	25°51	15°51	28°58	26°19	24°40	6°31	1°15	0°33	29°16	7°44	F 29
S 30	7 6 0	17° 0'52	25°33	0♑ 1	20°22	26°31	15°56	29° 5	26°21	24°42	6°31	1°16	0°30	29°22	7°46	S 30
S 31	7 9 57	18♑ 1'58	7♊25	1♑29	20♐19	27♏12	16♎ 0	29♐12	26♓22	24♑44	6♈31	1♑17	0♑27	29♊29	7♈47	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22s56	17n13	4n25	17s22	2n55	23s24	0n 5	13s19	0n41	3s53	1n16	22s37	0n50	2s19	0s44	21s 9	0n18	13s14	17s16	23s31	23s31	24n 0	4n52	2n 0
S 2	23 1	20 25	3 43	17 23	2 54	23 9	0 20	13 32	0 40	3 56	1 16	22 38	0 50	2 19	0 44	21 8	0 18	13 14	17 15	23 31	23 31	23 59	4 52	2 0
S 3	23 6	22 42	2 52	17 26	2 52	22 55	0 35	13 45	0 40	3 59	1 16	22 38	0 50	2 19	0 44	21 8	0 18	13 14	17 15	23 31	23 31	23 58	4 51	2 0
M 4	23 11	23 57	1 53	17 33	2 48	22 40	0 51	13 59	0 40	4 2	1 16	22 38	0 50	2 19	0 44	21 8	0 18	13 14	17 15	23 31	23 31	23 58	4 51	1 59
T 5	23 15	24 7	0 50	17 42	2 44	22 24	1 6	14 12	0 39	4 5	1 16	22 38	0 50	2 18	0 44	21 7	0 18	13 13	17 14	23 31	23 31	23 57	4 51	1 59
W 6	23 19	23 12	0s16	17 54	2 39	22 9	1 22	14 25	0 39	4 8	1 17	22 39	0 50	2 18	0 44	21 7	0 18	13 13	17 14	23 31	23 31	23 56	4 51	1 59
T 7	23 22	21 15	1 21	18 7	2 33	21 54	1 38	14 38	0 38	4 11	1 17	22 39	0 50	2 18	0 44	21 7	0 18	13 13	17 14	23 31	23 31	23 56	4 50	1 59
F 8	23 25	18 22	2 22	18 22	2 26	21 38	1 53	14 50	0 38	4 14	1 17	22 39	0 50	2 18	0 44	21 6	0 18	13 13	17 13	23 31	23 31	23 55	4 50	1 59
S 9	23 27	14 42	3 18	18 38	2 19	21 22	2 9	15 3	0 37	4 17	1 17	22 39	0 49	2 17	0 44	21 6	0 18	13 12	17 13	23 31	23 31	23 54	4 50	1 59
S 10	23 29	10 25	4 6	18 55	2 12	21 7	2 24	15 16	0 37	4 20	1 17	22 40	0 49	2 17	0 44	21 6	0 18	13 12	17 12	23 31	23 31	23 53	4 50	1 58
M11	23 30	5 39	4 43	19 13	2 4	20 51	2 39	15 28	0 36	4 22	1 18	22 40	0 49	2 17	0 44	21 5	0 18	13 12	17 12	23 31	23 31	23 53	4 50	1 58
T 12	23 31	0 33	5 8	19 32	1 56	20 36	2 54	15 41	0 36	4 25	1 18	22 40	0 49	2 17	0 44	21 5	0 18	13 11	17 12	23 31	23 31	23 52	4 49	1 58
W13	23 31	4s42	5 18	19 51	1 48	20 21	3 8	15 53	0 35	4 27	1 18	22 40	0 49	2 16	0 44	21 5	0 18	13 11	17 11	23 31	23 31	23 51	4 49	1 58
T 14	23 31	9 53	5 12	20 10	1 40	20 6	3 22	16 5	0 34	4 30	1 18	22 41	0 49	2 16	0 44	21 4	0 18	13 11	17 11	23 31	23 31	23 50	4 49	1 58
F 15	23 31	14 46	4 48	20 28	1 31	19 51	3 36	16 17	0 34	4 32	1 18	22 41	0 49	2 15	0 44	21 4	0 18	13 10	17 11	23 31	23 31	23 50	4 49	1 57
S 16	23 30	19 0	4 6	20 47	1 23	19 37	3 49	16 29	0 33	4 35	1 19	22 41	0 49	2 15	0 44	21 4	0 18	13 10	17 10	23 31	23 31	23 49	4 49	1 57
S 17	23 28	22 12	3 7	21 6	1 15	19 24	4 1	16 41	0 33	4 37	1 19	22 41	0 49	2 15	0 44	21 3	0 18	13 10	17 10	23 31	23 31	23 48	4 49	1 57
M18	23 26	23 57	1 54	21 24	1 6	19 11	4 13	16 52	0 32	4 39	1 19	22 41	0 49	2 14	0 44	21 3	0 18	13 9	17 10	23 31	23 31	23 47	4 49	1 57
T 19	23 24	23 59	0 33	21 41	0 58	18 58	4 24	17 4	0 32	4 42	1 19	22 42	0 49	2 14	0 44	21 2	0 18	13 9	17 9	23 31	23 31	23 47	4 49	1 57
W20	23 21	22 14	0n52	21 58	0 49	18 46	4 35	17 15	0 31	4 44	1 20	22 42	0 49	2 13	0 44	21 2	0 18	13 8	17 9	23 31	23 31	23 46	4 49	1 57
T 21	23 18	18 54	2 12	22 14	0 41	18 35	4 45	17 27	0 31	4 46	1 20	22 42	0 49	2 13	0 44	21 2	0 18	13 8	17 8	23 31	23 31	23 45	4 49	1 56
F 22	23 14	14 23	3 22	22 30	0 33	18 24	4 54	17 38	0 30	4 48	1 20	22 42	0 49	2 12	0 43	21 1	0 18	13 8	17 8	23 31	23 31	23 44	4 49	1 56
S 23	23 9	9 7	4 17	22 44	0 25	18 15	5 2	17 49	0 29	4 50	1 20	22 42	0 49	2 11	0 43	21 1	0 18	13 7	17 8	23 31	23 31	23 43	4 49	1 56
S 24	23 5	3 33	4 55	22 58	0 17	18 6	5 10	18 0	0 29	4 52	1 20	22 42	0 49	2 11	0 43	21 1	0 18	13 7	17 7	23 31	23 31	23 43	4 49	1 56
M25	22 59	2n 1	5 14	23 11	0 9	17 58	5 17	18 11	0 28	4 54	1 21	22 42	0 48	2 10	0 43	21 0	0 18	13 6	17 7	23 31	23 31	23 42	4 50	1 56
T 26	22 54	7 18	5 16	23 23	0 1	17 50	5 24	18 21	0 28	4 55	1 21	22 43	0 48	2 10	0 43	21 0	0 18	13 6	17 7	23 31	23 31	23 41	4 50	1 56
W27	22 47	12 6	5 3	23 34	0s 7	17 44	5 29	18 32	0 27	4 57	1 21	22 43	0 48	2 9	0 43	20 59	0 18	13 5	17 6	23 31	23 31	23 40	4 50	1 55
T 28	22 41	16 17	4 35	23 44	0 14	17 38	5 34	18 42	0 26	4 59	1 21	22 43	0 48	2 8	0 43	20 59	0 18	13 5	17 6	23 31	23 31	23 39	4 50	1 55
F 29	22 34	19 42	3 55	23 52	0 21	17 33	5 39	18 52	0 26	5 0	1 22	22 43	0 48	2 8	0 43	20 59	0 18	13 4	17 5	23 31	23 31	23 38	4 50	1 55
S 30	22 26	22 13	3 6	24 0	0 29	17 28	5 43	19 2	0 25	5 2	1 22	22 43	0 48	2 7	0 43	20 58	0 18	13 4	17 5	23 31	23 31	23 37	4 51	1 55
S 31	22s18	23n44	2n 9	24s 6	0s35	17s25	5n46	19s12	0n25	5s 3	1n22	22s43	0n48	2s 6	0s43	20s58	0n18	13s 4	17s 5	23s31	23s31	23n37	4n51	1n55

Julian Day Number = 2210827.5, Delta T = 09m22s
Ecliptic obliquity = 23°31'29, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°32'51, Lahiri = 14°39'51 Julian Calendar 1 Dec. 1340 == Greg. Calendar 9 Dec. 1340

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ASTRODIENST EPHEMERIS for the year 1341
geocentric

JANUARY 1341 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	7 13 53	19♑ 3'03	19♊12	2♑58	20°D19	27♏52	16♎ 4	29♐19	26♓24	24♑46	6♈32	1♑19	0♑24	29♊36	7♈48	M 1
T 2	7 17 50	20° 4'07	0♋59	4°28	20♐21	28°32	16° 8	29°26	26°26	24°49	6°32	1°R19	0°21	29°42	7°49	T 2
W 3	7 21 46	21° 5'11	12°48	5°59	20°25	29°13	16°12	29°32	26°28	24°51	6°33	1°19	0°17	29°49	7°50	W 3
T 4	7 25 43	22° 6'14	24°42	7°30	20°32	29°53	16°15	29°39	26°30	24°53	6°33	1°17	0°14	29°56	7°52	T 4
F 5	7 29 39	23° 7'16	6♌42	9° 1	20°41	0♐33	16°19	29°46	26°32	24°56	6°34	1°14	0°11	0♋ 2	7°53	F 5
S 6	7 33 36	24° 8'17	18°50	10°34	20°53	1°14	16°22	29°52	26°33	24°58	6°34	1°11	0° 8	0° 9	7°55	S 6
S 7	7 37 33	25° 9'17	1♍ 8	12° 6	21° 6	1°54	16°25	29°59	26°35	25° 0	6°35	1° 7	0° 5	0°16	7°56	S 7
M 8	7 41 29	26°10'17	13°37	13°40	21°22	2°34	16°28	0♑ 6	26°37	25° 2	6°35	1° 2	0° 1	0°22	7°58	M 8
T 9	7 45 26	27°11'16	26°19	15°14	21°40	3°15	16°31	0°12	26°40	25° 5	6°36	0°59	29♐58	0°29	7°59	T 9
W10	7 49 22	28°12'14	9♎16	16°49	21°59	3°55	16°33	0°19	26°42	25° 7	6°37	0°56	29°55	0°35	8° 1	W10
T 11	7 53 19	29°13'12	22°31	18°24	22°21	4°36	16°36	0°25	26°44	25° 9	6°37	0°55	29°52	0°42	8° 3	T 11
F 12	7 57 15	0♒14'09	6♏ 5	20° 1	22°44	5°16	16°38	0°32	26°46	25°11	6°38	0°D55	29°49	0°49	8° 5	F 12
S 13	8 1 12	1°15'05	20° 0	21°37	23°10	5°57	16°40	0°38	26°48	25°14	6°39	0°56	29°46	0°55	8° 6	S 13
S 14	8 5 8	2°16'01	4♐15	23°15	23°37	6°37	16°42	0°44	26°51	25°16	6°39	0°57	29°42	1° 2	8° 8	S 14
M15	8 9 5	3°16'56	18°50	24°53	24° 5	7°18	16°43	0°51	26°53	25°18	6°40	0°59	29°39	1° 9	8°10	M15
T 16	8 13 2	4°17'49	3♑39	26°32	24°36	7°58	16°45	0°57	26°55	25°21	6°41	0°R59	29°36	1°15	8°12	T 16
W17	8 16 58	5°18'42	18°39	28°12	25° 8	8°39	16°46	1° 3	26°58	25°23	6°42	0°58	29°33	1°22	8°14	W17
T 18	8 20 55	6°19'34	3♒39	29°52	25°41	9°19	16°47	1°10	27° 0	25°25	6°42	0°55	29°30	1°29	8°16	T 18
F 19	8 24 51	7°20'25	18°32	1♒33	26°15	10° 0	16°48	1°16	27° 2	25°27	6°43	0°50	29°27	1°35	8°18	F 19
S 20	8 28 48	8°21'14	3♓ 9	3°15	26°51	10°40	16°49	1°22	27° 5	25°30	6°44	0°45	29°23	1°42	8°20	S 20
S 21	8 32 44	9°22'01	17°24	4°58	27°29	11°21	16°49	1°28	27° 7	25°32	6°45	0°38	29°20	1°49	8°23	S 21
M22	8 36 41	10°22'48	1♈12	6°41	28° 7	12° 1	16°50	1°34	27°10	25°34	6°46	0°32	29°17	1°55	8°25	M22
T 23	8 40 37	11°23'32	14°31	8°26	28°47	12°42	16°R50	1°40	27°13	25°36	6°47	0°28	29°14	2° 2	8°27	T 23
W24	8 44 34	12°24'15	27°25	10°11	29°28	13°23	16°50	1°46	27°15	25°38	6°47	0°24	29°11	2° 9	8°29	W24
T 25	8 48 31	13°24'56	9♉55	11°57	0♑10	14° 3	16°49	1°52	27°18	25°41	6°48	0°D23	29° 7	2°15	8°32	T 25
F 26	8 52 27	14°25'36	22° 6	13°44	0°53	14°44	16°49	1°58	27°21	25°43	6°49	0°23	29° 4	2°22	8°34	F 26
S 27	8 56 24	15°26'14	4♊ 4	15°31	1°37	15°24	16°48	2° 3	27°23	25°45	6°50	0°25	29° 1	2°28	8°37	S 27
S 28	9 0 20	16°26'50	15°54	17°20	2°22	16° 5	16°47	2° 9	27°26	25°47	6°51	0°26	28°58	2°35	8°39	S 28
M29	9 4 17	17°27'24	27°40	19° 9	3° 8	16°46	16°46	2°15	27°29	25°49	6°52	0°R27	28°55	2°42	8°42	M29
T 30	9 8 13	18°27'57	9♋28	20°59	3°55	17°26	16°45	2°20	27°32	25°51	6°53	0°27	28°52	2°48	8°44	T 30
W31	9 12 10	19♒28'28	21♋20	22♒49	4♑43	18♐ 7	16♎44	2♑26	27♓35	25♑54	6♈54	0♑24	28♐48	2♋55	8♈47	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	22s10	24n11	1n 7	24s12	0s42	17s22	5n49	19s22	0n24	5s 4	1n22	22s43	0n48	2s 6	0s43	20s57	0n18	13s 3	17s 4	23s31	23s31	23n36	4n51	1n54
T 2	22 1	23 33	0 2	24 16	0 49	17 20	5 51	19 32	0 23	5 6	1 23	22 43	0 48	2 5	0 43	20 57	0 18	13 3	17 4	23 31	23 31	23 35	4 52	1 54
W 3	21 52	21 51	1s 3	24 18	0 55	17 19	5 53	19 41	0 23	5 7	1 23	22 43	0 48	2 4	0 43	20 57	0 18	13 2	17 4	23 31	23 31	23 34	4 52	1 54
T 4	21 42	19 12	2 6	24 20	1 1	17 18	5 54	19 50	0 22	5 8	1 23	22 43	0 48	2 3	0 43	20 56	0 18	13 1	17 3	23 31	23 31	23 33	4 52	1 54
F 5	21 32	15 43	3 3	24 20	1 7	17 18	5 55	20 0	0 21	5 9	1 23	22 43	0 48	2 3	0 43	20 56	0 18	13 1	17 3	23 31	23 31	23 32	4 53	1 54
S 6	21 22	11 32	3 53	24 19	1 13	17 18	5 55	20 9	0 21	5 10	1 24	22 44	0 48	2 2	0 43	20 55	0 18	13 0	17 3	23 31	23 31	23 31	4 53	1 54
S 7	21 11	6 52	4 33	24 16	1 18	17 19	5 55	20 17	0 20	5 11	1 24	22 44	0 48	2 1	0 43	20 55	0 18	13 0	17 2	23 31	23 31	23 30	4 54	1 53
M 8	20 59	1 51	5 0	24 12	1 23	17 20	5 55	20 26	0 19	5 12	1 24	22 44	0 48	2 0	0 43	20 55	0 18	12 59	17 2	23 31	23 31	23 30	4 54	1 53
T 9	20 48	3s19	5 13	24 7	1 28	17 22	5 54	20 35	0 19	5 13	1 24	22 44	0 48	1 59	0 43	20 54	0 18	12 59	17 2	23 31	23 31	23 29	4 55	1 53
W10	20 36	8 27	5 11	24 0	1 33	17 25	5 53	20 43	0 18	5 14	1 25	22 44	0 48	1 58	0 43	20 54	0 18	12 58	17 1	23 31	23 31	23 28	4 55	1 53
T 11	20 23	13 18	4 52	23 52	1 37	17 27	5 51	20 51	0 17	5 14	1 25	22 44	0 48	1 57	0 43	20 53	0 18	12 58	17 1	23 31	23 31	23 27	4 56	1 53
F 12	20 10	17 38	4 17	23 42	1 41	17 30	5 50	20 59	0 16	5 15	1 25	22 44	0 48	1 57	0 43	20 53	0 18	12 57	17 1	23 31	23 31	23 26	4 56	1 53
S 13	19 57	21 7	3 26	23 31	1 45	17 34	5 47	21 7	0 16	5 16	1 25	22 44	0 48	1 56	0 43	20 53	0 18	12 57	17 0	23 31	23 31	23 25	4 57	1 52
S 14	19 44	23 23	2 21	23 18	1 49	17 38	5 45	21 15	0 15	5 16	1 26	22 44	0 48	1 55	0 43	20 52	0 18	12 56	17 0	23 31	23 31	23 24	4 57	1 52
M15	19 30	24 9	1 6	23 4	1 52	17 41	5 42	21 22	0 14	5 16	1 26	22 44	0 48	1 54	0 43	20 52	0 18	12 55	17 0	23 31	23 31	23 23	4 58	1 52
T 16	19 15	23 14	0n15	22 48	1 55	17 46	5 40	21 30	0 13	5 17	1 26	22 44	0 48	1 53	0 43	20 51	0 18	12 55	16 59	23 31	23 31	23 22	4 59	1 52
W17	19 1	20 39	1 35	22 30	1 57	17 50	5 36	21 37	0 13	5 17	1 26	22 44	0 48	1 52	0 43	20 51	0 18	12 54	16 59	23 31	23 31	23 21	4 59	1 52
T 18	18 45	16 40	2 49	22 12	1 59	17 54	5 33	21 44	0 12	5 17	1 27	22 44	0 48	1 51	0 43	20 51	0 18	12 54	16 59	23 31	23 31	23 20	5 0	1 52
F 19	18 30	11 40	3 51	21 51	2 1	17 59	5 30	21 51	0 11	5 17	1 27	22 44	0 48	1 50	0 42	20 50	0 18	12 53	16 58	23 31	23 31	23 19	5 1	1 51
S 20	18 14	6 6	4 36	21 29	2 2	18 3	5 26	21 57	0 10	5 17	1 27	22 44	0 48	1 49	0 42	20 50	0 17	12 52	16 58	23 31	23 31	23 18	5 1	1 51
S 21	17 58	0 21	5 3	21 5	2 3	18 8	5 22	22 4	0 10	5 17	1 28	22 43	0 48	1 48	0 42	20 49	0 17	12 52	16 58	23 31	23 31	23 17	5 2	1 51
M22	17 42	5n13	5 11	20 40	2 4	18 13	5 18	22 10	0 9	5 17	1 28	22 43	0 47	1 47	0 42	20 49	0 17	12 51	16 57	23 31	23 31	23 16	5 3	1 51
T 23	17 25	10 22	5 2	20 13	2 4	18 17	5 14	22 16	0 8	5 17	1 28	22 43	0 47	1 46	0 42	20 49	0 17	12 51	16 57	23 31	23 31	23 15	5 4	1 51
W24	17 8	14 54	4 37	19 45	2 4	18 22	5 9	22 22	0 7	5 17	1 28	22 43	0 47	1 45	0 42	20 48	0 17	12 50	16 57	23 31	23 31	23 14	5 4	1 51
T 25	16 51	18 38	4 0	19 15	2 3	18 27	5 5	22 28	0 6	5 16	1 29	22 43	0 47	1 43	0 42	20 48	0 17	12 49	16 57	23 31	23 31	23 13	5 5	1 51
F 26	16 34	21 28	3 13	18 43	2 2	18 31	5 0	22 33	0 6	5 16	1 29	22 43	0 47	1 42	0 42	20 47	0 17	12 49	16 56	23 31	23 31	23 12	5 6	1 50
S 27	16 16	23 18	2 18	18 10	2 1	18 36	4 55	22 39	0 5	5 15	1 29	22 43	0 47	1 41	0 42	20 47	0 17	12 48	16 56	23 31	23 31	23 11	5 7	1 50
S 28	15 58	24 4	1 18	17 35	1 58	18 40	4 50	22 44	0 4	5 15	1 29	22 43	0 47	1 40	0 42	20 47	0 17	12 47	16 56	23 31	23 31	23 10	5 8	1 50
M29	15 39	23 45	0 15	16 58	1 56	18 44	4 46	22 49	0 3	5 14	1 30	22 43	0 47	1 39	0 42	20 46	0 17	12 47	16 55	23 31	23 31	23 9	5 9	1 50
T 30	15 21	22 23	0s49	16 20	1 53	18 48	4 40	22 54	0 2	5 14	1 30	22 43	0 47	1 38	0 42	20 46	0 17	12 46	16 55	23 31	23 31	23 8	5 9	1 50
W31	15s 2	20n 0	1s50	15s40	1s49	18s51	4n35	22s58	0n 1	5s13	1n30	22s43	0n47	1s37	0s42	20s46	0n17	12s46	16s55	23s31	23s31	23n 7	5n10	1n50

Julian Day Number = 2210858.5, Delta T = 09m22s
Ecliptic obliquity = 23°31'29, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°32'55, Lahiri = 14°39'56 Julian Calendar 1 Jan. 1341 == Greg. Calendar 9 Jan. 1341

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ASTRODIENST EPHEMERIS for the year 1341
geocentric

FEBRUARY 1341 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 16 6	20♒28'57	3♌21	24♒40	5♉31	18♐48	16°R42	2♉31	27♓37	25♉56	6♈55	0°R19	28♐45	3♋ 2	8♈50	T 1
F 2	9 20 3	21°29'25	15°32	26°32	6°21	19°28	16♎40	2°37	27°40	25°58	6°56	0♉12	28°42	3° 8	8°52	F 2
S 3	9 24 0	22°29'51	27°55	28°24	7°11	20° 9	16°38	2°42	27°43	26° 0	6°57	0° 3	28°39	3°15	8°55	S 3
S 4	9 27 56	23°30'15	10♍30	0♓17	8° 2	20°50	16°36	2°47	27°46	26° 2	6°59	29♐53	28°36	3°22	8°58	S 4
M 5	9 31 53	24°30'37	23°17	2°10	8°53	21°31	16°34	2°53	27°49	26° 4	7° 0	29°43	28°33	3°28	9° 1	M 5
T 6	9 35 49	25°30'58	6♎17	4° 3	9°46	22°11	16°31	2°58	27°52	26° 6	7° 1	29°34	28°29	3°35	9° 3	T 6
W 7	9 39 46	26°31'18	19°29	5°55	10°39	22°52	16°29	3° 3	27°55	26° 8	7° 2	29°26	28°26	3°42	9° 6	W 7
T 8	9 43 42	27°31'36	2♏52	7°48	11°32	23°33	16°26	3° 8	27°58	26°10	7° 3	29°21	28°23	3°48	9° 9	T 8
F 9	9 47 39	28°31'52	16°28	9°40	12°27	24°14	16°23	3°13	28° 1	26°12	7° 4	29°18	28°20	3°55	9°12	F 9
S 10	9 51 35	29°32'07	0♐17	11°31	13°21	24°54	16°20	3°18	28° 4	26°14	7° 5	29°D18	28°17	4° 1	9°15	S 10
S 11	9 55 32	0♓32'21	14°19	13°20	14°17	25°35	16°16	3°23	28° 8	26°16	7° 6	29°18	28°13	4° 8	9°18	S 11
M12	9 59 29	1°32'33	28°34	15° 8	15°13	26°16	16°13	3°28	28°11	26°18	7° 8	29°R19	28°10	4°15	9°21	M12
T 13	10 3 25	2°32'44	13♉ 0	16°54	16° 9	26°57	16° 9	3°32	28°14	26°20	7° 9	29°18	28° 7	4°21	9°24	T 13
W14	10 7 22	3°32'53	27°35	18°37	17° 6	27°38	16° 5	3°37	28°17	26°22	7°10	29°15	28° 4	4°28	9°27	W14
T 15	10 11 18	4°33'00	12♒12	20°17	18° 4	28°18	16° 1	3°42	28°20	26°24	7°11	29° 9	28° 1	4°35	9°30	T 15
F 16	10 15 15	5°33'05	26°47	21°54	19° 2	28°59	15°57	3°46	28°24	26°26	7°13	29° 1	27°58	4°41	9°34	F 16
S 17	10 19 11	6°33'09	11♓11	23°26	20° 0	29°40	15°52	3°51	28°27	26°28	7°14	28°51	27°54	4°48	9°37	S 17
S 18	10 23 8	7°33'10	25°18	24°54	20°59	0♉21	15°48	3°55	28°30	26°29	7°15	28°39	27°51	4°55	9°40	S 18
M19	10 27 4	8°33'10	9♈ 3	26°16	21°58	1° 2	15°43	3°59	28°33	26°31	7°16	28°28	27°48	5° 1	9°43	M19
T 20	10 31 1	9°33'07	22°24	27°33	22°57	1°43	15°38	4° 3	28°37	26°33	7°18	28°19	27°45	5° 8	9°46	T 20
W21	10 34 58	10°33'02	5♉20	28°43	23°57	2°23	15°33	4° 8	28°40	26°35	7°19	28°11	27°42	5°15	9°50	W21
T 22	10 38 54	11°32'56	17°53	29°47	24°58	3° 4	15°28	4°12	28°43	26°37	7°20	28° 6	27°38	5°21	9°53	T 22
F 23	10 42 51	12°32'47	0♊ 7	0♈43	25°58	3°45	15°22	4°16	28°46	26°38	7°22	28° 4	27°35	5°28	9°56	F 23
S 24	10 46 47	13°32'35	12° 7	1°32	26°59	4°26	15°17	4°19	28°50	26°40	7°23	28°D 3	27°32	5°35	10° 0	S 24
S 25	10 50 44	14°32'22	23°57	2°13	28° 1	5° 7	15°11	4°23	28°53	26°42	7°24	28°R 3	27°29	5°41	10° 3	S 25
M26	10 54 40	15°32'06	5♋45	2°46	29° 2	5°48	15° 5	4°27	28°56	26°43	7°26	28° 3	27°26	5°48	10° 6	M26
T 27	10 58 37	16°31'48	17°34	3°11	0♒ 4	6°28	15° 0	4°31	29° 0	26°45	7°27	28° 2	27°23	5°54	10°10	T 27
W28	11 2 33	17♓31'27	29♋30	3♈27	1♒ 7	7♉ 9	14♎54	4♉34	29♓ 3	26♉47	7♈28	27♐58	27♐19	6♋ 1	10♈13	W28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	14s43	16n45	2s48	14s59	1s45	18s55	4n30	23s 3	0n 0	5s12	1n30	22s43	0n47	1s36	0s42	20s45	0n17	12s45	16s55	23s31	23s31	23n 6	5n11	1n50	T 1
F 2	14 23	12 45	3 38	14 17	1 40	18 58	4 25	23 7	0s 1	5 11	1 31	22 43	0 47	1 34	0 42	20 45	0 17	12 44	16 54	23 31	23 31	23 5	5 12	1 49	F 2
S 3	14 4	8 11	4 19	13 32	1 34	19 1	4 19	23 11	0 1	5 10	1 31	22 43	0 47	1 33	0 42	20 44	0 17	12 44	16 54	23 31	23 31	23 4	5 13	1 49	S 3
S 4	13 44	3 12	4 48	12 47	1 28	19 4	4 14	23 15	0 2	5 9	1 31	22 42	0 47	1 32	0 42	20 44	0 17	12 43	16 54	23 31	23 31	23 3	5 14	1 49	S 4
M 5	13 24	1s58	5 4	12 0	1 21	19 6	4 8	23 18	0 3	5 8	1 31	22 42	0 47	1 31	0 42	20 44	0 17	12 42	16 54	23 31	23 31	23 2	5 15	1 49	M 5
T 6	13 4	7 8	5 3	11 12	1 14	19 8	4 3	23 22	0 4	5 7	1 31	22 42	0 47	1 30	0 42	20 43	0 17	12 42	16 53	23 31	23 31	23 1	5 16	1 49	T 6
W 7	12 43	12 4	4 47	10 23	1 6	19 10	3 57	23 25	0 5	5 5	1 32	22 42	0 47	1 28	0 42	20 43	0 17	12 41	16 53	23 31	23 31	23 0	5 17	1 49	W 7
T 8	12 22	16 30	4 15	9 33	0 57	19 11	3 51	23 28	0 6	5 4	1 32	22 42	0 47	1 27	0 42	20 42	0 17	12 40	16 53	23 31	23 31	22 59	5 18	1 49	T 8
F 9	12 2	20 9	3 28	8 43	0 48	19 12	3 46	23 31	0 7	5 3	1 32	22 42	0 47	1 26	0 42	20 42	0 17	12 40	16 53	23 31	23 31	22 58	5 19	1 48	F 9
S 10	11 41	22 42	2 29	7 51	0 38	19 12	3 40	23 33	0 8	5 1	1 32	22 42	0 47	1 25	0 42	20 42	0 17	12 39	16 52	23 31	23 31	22 57	5 20	1 48	S 10
S 11	11 19	23 55	1 19	6 59	0 27	19 12	3 34	23 36	0 9	5 0	1 33	22 42	0 47	1 23	0 42	20 41	0 17	12 38	16 52	23 31	23 31	22 56	5 21	1 48	S 11
M12	10 58	23 35	0 4	6 7	0 16	19 12	3 28	23 38	0 10	4 58	1 33	22 42	0 47	1 22	0 42	20 41	0 17	12 38	16 52	23 31	23 31	22 55	5 22	1 48	M12
T 13	10 36	21 41	1n12	5 15	0 4	19 12	3 22	23 40	0 11	4 57	1 33	22 41	0 47	1 21	0 42	20 41	0 17	12 37	16 52	23 31	23 31	22 54	5 23	1 48	T 13
W14	10 14	18 21	2 25	4 24	0n 8	19 10	3 17	23 42	0 12	4 55	1 33	22 41	0 47	1 19	0 42	20 40	0 17	12 36	16 52	23 31	23 31	22 52	5 25	1 48	W14
T 15	9 53	13 52	3 28	3 33	0 21	19 9	3 11	23 44	0 13	4 53	1 33	22 41	0 47	1 18	0 42	20 40	0 17	12 36	16 51	23 31	23 31	22 51	5 26	1 48	T 15
F 16	9 31	8 37	4 17	2 42	0 34	19 7	3 5	23 45	0 14	4 51	1 34	22 41	0 47	1 17	0 42	20 40	0 17	12 35	16 51	23 31	23 31	22 50	5 27	1 48	F 16
S 17	9 8	2 57	4 49	1 54	0 47	19 5	2 59	23 46	0 15	4 49	1 34	22 41	0 47	1 16	0 42	20 39	0 17	12 34	16 51	23 31	23 30	22 49	5 28	1 47	S 17
S 18	8 46	2n45	5 2	1 6	1 1	19 2	2 53	23 47	0 16	4 47	1 34	22 41	0 47	1 14	0 42	20 39	0 17	12 34	16 51	23 31	23 30	22 48	5 29	1 47	S 18
M19	8 24	8 9	4 58	0 21	1 15	18 58	2 47	23 48	0 17	4 45	1 34	22 41	0 47	1 13	0 42	20 39	0 17	12 33	16 51	23 31	23 30	22 47	5 30	1 47	M19
T 20	8 1	13 1	4 37	0n23	1 29	18 55	2 41	23 49	0 18	4 43	1 34	22 41	0 47	1 12	0 42	20 38	0 17	12 32	16 50	23 31	23 30	22 46	5 31	1 47	T 20
W21	7 38	17 9	4 2	1 3	1 42	18 50	2 36	23 49	0 19	4 41	1 35	22 41	0 47	1 10	0 42	20 38	0 17	12 32	16 50	23 31	23 30	22 45	5 33	1 47	W21
T 22	7 15	20 22	3 16	1 41	1 56	18 46	2 30	23 49	0 20	4 39	1 35	22 40	0 47	1 9	0 42	20 38	0 17	12 31	16 50	23 31	23 30	22 43	5 34	1 47	T 22
F 23	6 53	22 34	2 23	2 16	2 9	18 40	2 24	23 50	0 21	4 37	1 35	22 40	0 47	1 8	0 42	20 37	0 17	12 30	16 50	23 31	23 30	22 42	5 35	1 47	F 23
S 24	6 30	23 42	1 24	2 47	2 22	18 35	2 18	23 49	0 22	4 35	1 35	22 40	0 47	1 6	0 42	20 37	0 17	12 30	16 50	23 31	23 30	22 41	5 36	1 47	S 24
S 25	6 6	23 45	0 22	3 14	2 34	18 28	2 12	23 49	0 23	4 32	1 35	22 40	0 47	1 5	0 42	20 37	0 17	12 29	16 50	23 31	23 30	22 40	5 38	1 46	S 25
M26	5 43	22 43	0s41	3 38	2 45	18 22	2 6	23 48	0 25	4 30	1 35	22 40	0 47	1 4	0 42	20 36	0 17	12 29	16 50	23 31	23 30	22 39	5 39	1 46	M26
T 27	5 20	20 41	1 42	3 57	2 56	18 14	2 1	23 48	0 26	4 27	1 36	22 40	0 47	1 2	0 42	20 36	0 17	12 28	16 49	23 31	23 30	22 38	5 40	1 46	T 27
W28	4s57	17n45	2s39	4n12	3n 5	18s 7	1n55	23s47	0s27	4s25	1n36	22s40	0n47	1s 1	0s42	20s36	0n17	12s27	16s49	23s31	23s30	22n37	5n41	1n46	W28

Julian Day Number = 2210889.5, Delta T = 09m22s
Ecliptic obliquity = 23°31'29, Nutation = 0°00'19, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°32'59, Lahiri = 14°40'00 Julian Calendar 1 Feb. 1341 == Greg. Calendar 9 Feb. 1341

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ASTRODIENST EPHEMERIS for the year 1341
geocentric

MARCH 1341 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	11 6 30	18♓31'05	11♌37	3°R35	2♒ 9	7♑50	14°R47	4♑38	29♓ 7	26♑48	7♈30	27°R51	27♐16	6♋ 8	10♈17	T 1
F 2	11 10 27	19°30'40	23°58	3♈34	3°12	8°31	14♎41	4°41	29°10	26°50	7°31	27♐42	27°13	6°14	10°20	F 2
S 3	11 14 23	20°30'13	6♍35	3°26	4°15	9°12	14°35	4°44	29°13	26°51	7°32	27°31	27°10	6°21	10°24	S 3
S 4	11 18 20	21°29'44	19°29	3°10	5°19	9°53	14°28	4°48	29°17	26°53	7°34	27°18	27° 7	6°28	10°27	S 4
M 5	11 22 16	22°29'12	2♎38	2°47	6°22	10°33	14°22	4°51	29°20	26°54	7°35	27° 5	27° 4	6°34	10°31	M 5
T 6	11 26 13	23°28'39	16° 1	2°17	7°26	11°14	14°15	4°54	29°24	26°56	7°37	26°52	27° 0	6°41	10°34	T 6
W 7	11 30 9	24°28'04	29°36	1°41	8°30	11°55	14° 8	4°57	29°27	26°57	7°38	26°42	26°57	6°48	10°38	W 7
T 8	11 34 6	25°27'27	13♏20	1° 1	9°35	12°36	14° 1	5° 0	29°30	26°59	7°39	26°35	26°54	6°54	10°41	T 8
F 9	11 38 2	26°26'48	27°11	0°16	10°39	13°17	13°54	5° 2	29°34	27° 0	7°41	26°30	26°51	7° 1	10°45	F 9
S 10	11 41 59	27°26'07	11♐ 8	29♓28	11°44	13°58	13°47	5° 5	29°37	27° 1	7°42	26°29	26°48	7° 8	10°48	S 10
S 11	11 45 55	28°25'25	25°10	28°38	12°49	14°38	13°40	5° 8	29°41	27° 3	7°44	26°28	26°44	7°14	10°52	S 11
M12	11 49 52	29°24'41	9♑16	27°48	13°54	15°19	13°33	5°10	29°44	27° 4	7°45	26°28	26°41	7°21	10°56	M12
T 13	11 53 49	0♈23'55	23°26	26°57	15° 0	16° 0	13°26	5°13	29°48	27° 5	7°46	26°27	26°38	7°27	10°59	T 13
W14	11 57 45	1°23'07	7♒38	26° 7	16° 5	16°41	13°18	5°15	29°51	27° 7	7°48	26°23	26°35	7°34	11° 3	W14
T 15	12 1 42	2°22'17	21°49	25°19	17°11	17°22	13°11	5°17	29°54	27° 8	7°49	26°17	26°32	7°41	11° 6	T 15
F 16	12 5 38	3°21'26	5♓57	24°34	18°17	18° 2	13° 4	5°19	29°58	27° 9	7°51	26° 8	26°29	7°47	11°10	F 16
S 17	12 9 35	4°20'32	19°56	23°52	19°23	18°43	12°56	5°21	0♈ 1	27°10	7°52	25°57	26°25	7°54	11°14	S 17
S 18	12 13 31	5°19'37	3♈42	23°15	20°29	19°24	12°48	5°23	0° 5	27°11	7°54	25°44	26°22	8° 1	11°17	S 18
M19	12 17 28	6°18'39	17°12	22°42	21°36	20° 5	12°41	5°25	0° 8	27°12	7°55	25°32	26°19	8° 7	11°21	M19
T 20	12 21 24	7°17'40	0♉22	22°13	22°42	20°46	12°33	5°27	0°12	27°13	7°56	25°21	26°16	8°14	11°25	T 20
W21	12 25 21	8°16'38	13°12	21°50	23°49	21°26	12°26	5°29	0°15	27°14	7°58	25°13	26°13	8°21	11°28	W21
T 22	12 29 18	9°15'34	25°42	21°33	24°56	22° 7	12°18	5°30	0°18	27°15	7°59	25° 7	26°10	8°27	11°32	T 22
F 23	12 33 14	10°14'28	7♊56	21°21	26° 3	22°48	12°10	5°32	0°22	27°16	8° 1	25° 3	26° 6	8°34	11°36	F 23
S 24	12 37 11	11°13'19	19°56	21°14	27°10	23°28	12° 3	5°33	0°25	27°17	8° 2	25°D 2	26° 3	8°41	11°39	S 24
S 25	12 41 7	12°12'09	1♋47	21°D12	28°18	24° 9	11°55	5°34	0°29	27°18	8° 4	25° 2	26° 0	8°47	11°43	S 25
M26	12 45 4	13°10'56	13°36	21°16	29°25	24°50	11°47	5°35	0°32	27°19	8° 5	25°R 2	25°57	8°54	11°47	M26
T 27	12 49 0	14° 9'41	25°26	21°25	0♓33	25°30	11°39	5°36	0°35	27°20	8° 6	25° 2	25°54	9° 1	11°50	T 27
W28	12 52 57	15° 8'23	7♌24	21°39	1°40	26°11	11°32	5°37	0°39	27°21	8° 8	24°59	25°50	9° 7	11°54	W28
T 29	12 56 53	16° 7'03	19°34	21°58	2°48	26°51	11°24	5°38	0°42	27°22	8° 9	24°55	25°47	9°14	11°58	T 29
F 30	13 0 50	17° 5'41	2♍ 2	22°21	3°56	27°32	11°16	5°39	0°45	27°22	8°11	24°48	25°44	9°20	12° 1	F 30
S 31	13 4 47	18♈ 4'17	14♍48	22♓49	5♓ 4	28♑13	11♎ 9	5♑40	0♈49	27♑23	8♈12	24♐38	25♐41	9♋27	12♈ 5	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	4s33	14n 1	3s29	4n23	3n13	17s59	1n49	23s45	0s28	4s23	1n36	22s40	0n47	1s 0	0s42	20s35	0n17	12s27	16s49	23s30	23s30	22n35	5n43	1n46
F 2	4 10	9 38	4 11	4 29	3 20	17 50	1 44	23 44	0 29	4 20	1 36	22 39	0 47	0 58	0 42	20 35	0 17	12 26	16 49	23 30	23 30	22 34	5 44	1 46
S 3	3 47	4 47	4 41	4 31	3 26	17 41	1 38	23 42	0 30	4 17	1 36	22 39	0 47	0 57	0 42	20 35	0 17	12 25	16 49	23 30	23 30	22 33	5 45	1 46
S 4	3 23	0s23	4 58	4 28	3 30	17 31	1 32	23 41	0 31	4 15	1 36	22 39	0 47	0 55	0 42	20 34	0 17	12 25	16 49	23 30	23 30	22 32	5 46	1 46
M 5	3 0	5 37	4 59	4 21	3 32	17 21	1 27	23 39	0 33	4 12	1 36	22 39	0 47	0 54	0 42	20 34	0 17	12 24	16 49	23 30	23 30	22 31	5 48	1 46
T 6	2 36	10 41	4 44	4 10	3 33	17 10	1 21	23 37	0 34	4 9	1 37	22 39	0 47	0 53	0 42	20 34	0 17	12 23	16 49	23 29	23 29	22 29	5 49	1 46
W 7	2 12	15 18	4 13	3 54	3 31	16 59	1 16	23 34	0 35	4 7	1 37	22 39	0 47	0 51	0 42	20 34	0 17	12 23	16 49	23 29	23 29	22 28	5 50	1 45
T 8	1 49	19 11	3 27	3 35	3 28	16 47	1 11	23 32	0 36	4 4	1 37	22 39	0 47	0 50	0 42	20 33	0 17	12 22	16 48	23 29	23 29	22 27	5 52	1 45
F 9	1 25	22 0	2 28	3 13	3 24	16 35	1 5	23 29	0 37	4 1	1 37	22 39	0 47	0 49	0 42	20 33	0 17	12 22	16 48	23 29	23 29	22 26	5 53	1 45
S 10	1 1	23 31	1 20	2 48	3 17	16 22	1 0	23 26	0 39	3 58	1 37	22 39	0 47	0 47	0 42	20 33	0 17	12 21	16 48	23 29	23 29	22 25	5 54	1 45
S 11	0 38	23 33	0 7	2 20	3 9	16 9	0 55	23 23	0 40	3 55	1 37	22 38	0 47	0 46	0 42	20 33	0 17	12 20	16 48	23 29	23 29	22 23	5 56	1 45
M12	0 14	22 5	1n 7	1 51	2 59	15 56	0 49	23 19	0 41	3 53	1 37	22 38	0 47	0 44	0 42	20 32	0 17	12 20	16 48	23 29	23 29	22 22	5 57	1 45
T 13	0n10	19 14	2 17	1 20	2 47	15 41	0 44	23 16	0 42	3 50	1 37	22 38	0 47	0 43	0 42	20 32	0 17	12 19	16 48	23 29	23 29	22 21	5 58	1 45
W14	0 33	15 13	3 19	0 49	2 35	15 27	0 39	23 12	0 44	3 47	1 37	22 38	0 47	0 42	0 42	20 32	0 17	12 19	16 48	23 29	23 29	22 20	6 0	1 45
T 15	0 57	10 22	4 9	0 18	2 21	15 12	0 34	23 8	0 45	3 44	1 37	22 38	0 47	0 40	0 42	20 32	0 17	12 18	16 48	23 28	23 29	22 18	6 1	1 45
F 16	1 20	4 59	4 42	0s14	2 7	14 56	0 29	23 4	0 46	3 41	1 37	22 38	0 47	0 39	0 42	20 31	0 17	12 17	16 48	23 28	23 29	22 17	6 2	1 45
S 17	1 44	0n35	4 59	0 44	1 52	14 40	0 24	23 0	0 48	3 38	1 37	22 38	0 47	0 38	0 42	20 31	0 17	12 17	16 48	23 28	23 29	22 16	6 4	1 45
S 18	2 7	6 2	4 58	1 13	1 36	14 24	0 20	22 55	0 49	3 35	1 37	22 38	0 47	0 36	0 42	20 31	0 17	12 16	16 48	23 27	23 28	22 15	6 5	1 45
M19	2 31	11 5	4 40	1 41	1 20	14 7	0 15	22 51	0 50	3 32	1 37	22 38	0 47	0 35	0 42	20 31	0 17	12 16	16 48	23 27	23 28	22 13	6 6	1 44
T 20	2 54	15 30	4 7	2 7	1 4	13 50	0 10	22 46	0 52	3 29	1 37	22 38	0 47	0 34	0 42	20 30	0 17	12 15	16 48	23 27	23 28	22 12	6 8	1 44
W21	3 18	19 4	3 23	2 31	0 48	13 32	0 6	22 41	0 53	3 26	1 37	22 38	0 47	0 32	0 42	20 30	0 17	12 15	16 48	23 26	23 28	22 11	6 9	1 44
T 22	3 41	21 40	2 29	2 52	0 32	13 14	0 1	22 36	0 54	3 23	1 37	22 37	0 47	0 31	0 42	20 30	0 17	12 14	16 48	23 26	23 28	22 9	6 11	1 44
F 23	4 4	23 11	1 30	3 12	0 17	12 56	0s 3	22 30	0 56	3 20	1 37	22 37	0 47	0 29	0 42	20 30	0 17	12 13	16 48	23 26	23 28	22 8	6 12	1 44
S 24	4 27	23 36	0 27	3 28	0 1	12 37	0 8	22 25	0 57	3 17	1 37	22 37	0 47	0 28	0 42	20 30	0 17	12 13	16 48	23 26	23 28	22 7	6 13	1 44
S 25	4 50	22 55	0s36	3 42	0s13	12 18	0 12	22 19	0 58	3 14	1 37	22 37	0 47	0 27	0 42	20 30	0 17	12 12	16 48	23 26	23 28	22 6	6 15	1 44
M26	5 13	21 13	1 37	3 54	0 28	11 58	0 16	22 13	1 0	3 11	1 37	22 37	0 47	0 25	0 42	20 29	0 17	12 12	16 48	23 26	23 28	22 4	6 16	1 44
T 27	5 36	18 36	2 34	4 3	0 41	11 38	0 21	22 7	1 1	3 8	1 37	22 37	0 47	0 24	0 42	20 29	0 17	12 11	16 48	23 26	23 28	22 3	6 17	1 44
W28	5 59	15 10	3 25	4 9	0 54	11 18	0 25	22 1	1 3	3 5	1 37	22 37	0 47	0 23	0 42	20 29	0 17	12 11	16 48	23 26	23 28	22 2	6 19	1 44
T 29	6 22	11 4	4 8	4 13	1 7	10 57	0 29	21 55	1 4	3 2	1 37	22 37	0 47	0 21	0 42	20 29	0 17	12 10	16 48	23 26	23 27	22 0	6 20	1 44
F 30	6 44	6 26	4 40	4 15	1 18	10 36	0 33	21 48	1 6	2 59	1 37	22 37	0 47	0 20	0 42	20 29	0 17	12 10	16 48	23 25	23 27	21 59	6 22	1 44
S 31	7n 7	1n25	4s59	4s14	1s30	10s15	0s36	21s41	1s 7	2s56	1n37	22s37	0n47	0s19	0s42	20s29	0n17	12s 9	16s48	23s25	23s27	21n58	6n23	1n44

Julian Day Number = 2210917.5, Delta T = 09m22s
Ecliptic obliquity = 23°31'30, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°33'03, Lahiri = 14°40'04 Julian Calendar 1 March 1341 == Greg. Calendar 9 March 1341

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ASTRODIENST EPHEMERIS for the year 1341
geocentric

APRIL 1341 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	13 8 43	19♈ 2'50	27♍55	23♓21	6♓12	28♑53	11°R 1	5♑40	0♈52	27♑24	8♈14	24°R28	25♐38	9♋34	12♈ 9	S 1
M 2	13 12 40	20° 1'22	11♎23	23°57	7°20	29°34	10♎54	5°41	0°55	27°24	8°15	24♐17	25°35	9°40	12°12	M 2
T 3	13 16 36	20°59'52	25° 8	24°37	8°29	0♒14	10°46	5°41	0°59	27°25	8°16	24° 7	25°31	9°47	12°16	T 3
W 4	13 20 33	21°58'19	9♏ 8	25°20	9°37	0°55	10°39	5°42	1° 2	27°26	8°18	23°58	25°28	9°54	12°20	W 4
T 5	13 24 29	22°56'45	23°18	26° 8	10°46	1°35	10°31	5°42	1° 5	27°26	8°19	23°52	25°25	10° 0	12°23	T 5
F 6	13 28 26	23°55'10	7♐33	26°58	11°54	2°15	10°24	5°42	1° 8	27°27	8°21	23°49	25°22	10° 7	12°27	F 6
S 7	13 32 22	24°53'32	21°50	27°52	13° 3	2°56	10°17	5°R42	1°11	27°27	8°22	23°D48	25°19	10°14	12°30	S 7
S 8	13 36 19	25°51'53	6♑ 5	28°49	14°12	3°36	10°10	5°42	1°15	27°28	8°23	23°48	25°15	10°20	12°34	S 8
M 9	13 40 16	26°50'13	20°16	29°49	15°21	4°16	10° 2	5°42	1°18	27°28	8°25	23°R49	25°12	10°27	12°38	M 9
T 10	13 44 12	27°48'31	4♒22	0♈52	16°30	4°57	9°55	5°41	1°21	27°29	8°26	23°49	25° 9	10°34	12°41	T 10
W11	13 48 9	28°46'47	18°22	1°57	17°39	5°37	9°48	5°41	1°24	27°29	8°27	23°47	25° 6	10°40	12°45	W11
T 12	13 52 5	29°45'02	2♓14	3° 5	18°48	6°17	9°41	5°41	1°27	27°29	8°29	23°44	25° 3	10°47	12°48	T 12
F 13	13 56 2	0♉43'15	15°57	4°16	19°57	6°57	9°35	5°40	1°30	27°30	8°30	23°37	25° 0	10°54	12°52	F 13
S 14	13 59 58	1°41'27	29°30	5°29	21° 7	7°37	9°28	5°39	1°33	27°30	8°32	23°30	24°56	11° 0	12°55	S 14
S 15	14 3 55	2°39'37	12♈51	6°44	22°16	8°18	9°21	5°39	1°37	27°30	8°33	23°21	24°53	11° 7	12°59	S 15
M16	14 7 51	3°37'45	25°58	8° 2	23°26	8°58	9°15	5°38	1°40	27°30	8°34	23°12	24°50	11°14	13° 2	M16
T 17	14 11 48	4°35'52	8♉49	9°22	24°35	9°38	9° 8	5°37	1°43	27°30	8°35	23° 4	24°47	11°20	13° 6	T 17
W18	14 15 44	5°33'57	21°25	10°45	25°45	10°18	9° 2	5°36	1°46	27°31	8°37	22°58	24°44	11°27	13° 9	W18
T 19	14 19 41	6°32'01	3♊47	12° 9	26°54	10°57	8°56	5°35	1°49	27°31	8°38	22°54	24°41	11°33	13°13	T 19
F 20	14 23 38	7°30'03	15°54	13°36	28° 4	11°37	8°50	5°33	1°52	27°31	8°39	22°52	24°37	11°40	13°16	F 20
S 21	14 27 34	8°28'02	27°52	15° 5	29°14	12°17	8°44	5°32	1°54	27°31	8°41	22°D52	24°34	11°47	13°20	S 21
S 22	14 31 31	9°26'00	9♋43	16°36	0♈24	12°57	8°38	5°31	1°57	27°R31	8°42	22°53	24°31	11°53	13°23	S 22
M23	14 35 27	10°23'57	21°31	18° 9	1°34	13°36	8°33	5°29	2° 0	27°31	8°43	22°55	24°28	12° 0	13°26	M23
T 24	14 39 24	11°21'51	3♌21	19°44	2°44	14°16	8°27	5°27	2° 3	27°31	8°44	22°56	24°25	12° 7	13°30	T 24
W25	14 43 20	12°19'44	15°19	21°21	3°54	14°56	8°22	5°26	2° 6	27°31	8°46	22°R56	24°21	12°13	13°33	W25
T 26	14 47 17	13°17'34	27°30	23° 0	5° 4	15°35	8°16	5°24	2° 9	27°30	8°47	22°55	24°18	12°20	13°36	T 26
F 27	14 51 13	14°15'23	9♍58	24°41	6°14	16°15	8°11	5°22	2°11	27°30	8°48	22°53	24°15	12°27	13°40	F 27
S 28	14 55 10	15°13'11	22°47	26°24	7°24	16°54	8° 6	5°20	2°14	27°30	8°49	22°48	24°12	12°33	13°43	S 28
S 29	14 59 7	16°10'56	6♎ 0	28°10	8°35	17°33	8° 2	5°18	2°17	27°30	8°50	22°43	24° 9	12°40	13°46	S 29
M30	15 3 3	17♉ 8'40	19♎37	29♈57	9♈45	18♒12	7♎57	5♑16	2♈19	27♑30	8♈52	22♐37	24♐ 6	12♋47	13♈49	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	7n29	3s48	5s 3	4s11	1s40	9s53	0s40	21s34	1s 9	2s53	1n37	22s37	0n47	0s17	0s42	20s28	0n17	12s 9	16s48	23s25	23s27	21n56	6n24	1n44
M 2	7 51	8 57	4 50	4 5	1 50	9 31	0 44	21 27	1 10	2 50	1 37	22 37	0 47	0 16	0 42	20 28	0 17	12 8	16 48	23 24	23 27	21 55	6 26	1 44
T 3	8 13	13 48	4 20	3 58	1 58	9 9	0 47	21 20	1 12	2 47	1 37	22 37	0 47	0 15	0 42	20 28	0 17	12 8	16 48	23 24	23 27	21 54	6 27	1 44
W 4	8 35	17 59	3 35	3 48	2 7	8 46	0 51	21 13	1 13	2 45	1 37	22 37	0 47	0 14	0 42	20 28	0 17	12 7	16 48	23 23	23 27	21 52	6 28	1 43
T 5	8 57	21 10	2 35	3 36	2 14	8 24	0 54	21 5	1 15	2 42	1 37	22 37	0 47	0 12	0 42	20 28	0 17	12 7	16 49	23 23	23 27	21 51	6 30	1 43
F 6	9 19	23 4	1 26	3 22	2 21	8 0	0 57	20 58	1 16	2 39	1 37	22 37	0 47	0 11	0 42	20 28	0 17	12 6	16 49	23 23	23 27	21 50	6 31	1 43
S 7	9 40	23 27	0 11	3 6	2 27	7 37	1 1	20 50	1 18	2 36	1 37	22 37	0 47	0 10	0 42	20 28	0 17	12 6	16 49	23 23	23 26	21 48	6 33	1 43
S 8	10 2	22 18	1n 5	2 48	2 33	7 13	1 4	20 42	1 19	2 33	1 37	22 37	0 47	0 8	0 42	20 28	0 17	12 5	16 49	23 23	23 26	21 47	6 34	1 43
M 9	10 23	19 44	2 17	2 29	2 38	6 49	1 7	20 34	1 21	2 31	1 37	22 37	0 47	0 7	0 42	20 28	0 17	12 5	16 49	23 23	23 26	21 46	6 35	1 43
T 10	10 44	16 0	3 20	2 8	2 42	6 25	1 10	20 26	1 22	2 28	1 36	22 37	0 47	0 6	0 42	20 28	0 17	12 5	16 49	23 23	23 26	21 44	6 37	1 43
W11	11 5	11 25	4 10	1 45	2 45	6 1	1 13	20 17	1 24	2 25	1 36	22 37	0 47	0 5	0 42	20 27	0 17	12 4	16 49	23 23	23 26	21 43	6 38	1 43
T 12	11 25	6 17	4 45	1 20	2 48	5 36	1 15	20 9	1 26	2 23	1 36	22 37	0 47	0 3	0 42	20 27	0 17	12 4	16 49	23 23	23 26	21 41	6 39	1 43
F 13	11 46	0 54	5 4	0 54	2 50	5 11	1 18	20 0	1 27	2 20	1 36	22 37	0 47	0 2	0 42	20 27	0 17	12 3	16 49	23 22	23 26	21 40	6 41	1 43
S 14	12 6	4n27	5 5	0 27	2 52	4 46	1 21	19 51	1 29	2 18	1 36	22 37	0 47	0 1	0 42	20 27	0 17	12 3	16 50	23 22	23 26	21 39	6 42	1 43
S 15	12 26	9 31	4 49	0n 2	2 53	4 21	1 23	19 43	1 30	2 15	1 36	22 37	0 47	0n 0	0 42	20 27	0 17	12 3	16 50	23 21	23 26	21 37	6 43	1 43
M16	12 46	14 4	4 18	0 33	2 53	3 56	1 25	19 34	1 32	2 13	1 36	22 37	0 47	0 1	0 42	20 27	0 17	12 2	16 50	23 21	23 25	21 36	6 45	1 43
T 17	13 6	17 53	3 35	1 4	2 53	3 30	1 28	19 24	1 34	2 10	1 35	22 37	0 47	0 3	0 42	20 27	0 17	12 2	16 50	23 21	23 25	21 34	6 46	1 43
W18	13 25	20 47	2 42	1 38	2 52	3 4	1 30	19 15	1 35	2 8	1 35	22 37	0 47	0 4	0 42	20 27	0 17	12 1	16 50	23 20	23 25	21 33	6 47	1 43
T 19	13 45	22 39	1 41	2 12	2 51	2 38	1 32	19 6	1 37	2 6	1 35	22 37	0 47	0 5	0 42	20 27	0 17	12 1	16 50	23 20	23 25	21 32	6 49	1 43
F 20	14 4	23 24	0 38	2 47	2 49	2 12	1 34	18 56	1 39	2 4	1 35	22 37	0 47	0 6	0 42	20 27	0 17	12 1	16 50	23 20	23 25	21 30	6 50	1 43
S 21	14 23	23 3	0s27	3 24	2 46	1 46	1 36	18 47	1 40	2 1	1 35	22 37	0 47	0 7	0 42	20 27	0 17	12 0	16 51	23 20	23 25	21 29	6 51	1 43
S 22	14 41	21 40	1 30	4 2	2 43	1 20	1 38	18 37	1 42	1 59	1 35	22 38	0 47	0 8	0 42	20 27	0 17	12 0	16 51	23 20	23 25	21 27	6 53	1 43
M23	15 0	19 20	2 29	4 41	2 40	0 54	1 39	18 27	1 44	1 57	1 34	22 38	0 47	0 10	0 42	20 27	0 17	12 0	16 51	23 20	23 24	21 26	6 54	1 43
T 24	15 18	16 12	3 22	5 21	2 35	0 27	1 41	18 17	1 46	1 55	1 34	22 38	0 47	0 11	0 42	20 27	0 17	11 59	16 51	23 20	23 24	21 25	6 55	1 43
W25	15 35	12 22	4 7	6 2	2 31	0 1	1 43	18 7	1 47	1 53	1 34	22 38	0 47	0 12	0 42	20 27	0 17	11 59	16 51	23 20	23 24	21 23	6 57	1 43
T 26	15 53	7 59	4 41	6 43	2 25	0n26	1 44	17 57	1 49	1 51	1 34	22 38	0 47	0 13	0 42	20 27	0 17	11 59	16 51	23 20	23 24	21 22	6 58	1 43
F 27	16 10	3 10	5 3	7 26	2 19	0 52	1 45	17 47	1 51	1 50	1 34	22 38	0 47	0 14	0 42	20 27	0 17	11 59	16 52	23 20	23 24	21 20	6 59	1 43
S 28	16 27	1s53	5 11	8 9	2 13	1 19	1 47	17 37	1 53	1 48	1 33	22 38	0 47	0 15	0 42	20 27	0 17	11 58	16 52	23 20	23 24	21 19	7 0	1 43
S 29	16 44	7 1	5 3	8 54	2 6	1 46	1 48	17 26	1 54	1 46	1 33	22 38	0 47	0 16	0 42	20 27	0 17	11 58	16 52	23 19	23 24	21 17	7 2	1 43
M30	17n 1	11s59	4s38	9n38	1s59	2n12	1s49	17s16	1s56	1s44	1n33	22s38	0n47	0n17	0s42	20s27	0n17	11s58	16s52	23s19	23s24	21n16	7n 3	1n43

Julian Day Number = 2210948.5, Delta T = 09m22s
Ecliptic obliquity = 23°31'29, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°33'07, Lahiri = 14°40'08 Julian Calendar 1 Apr. 1341 == Greg. Calendar 9 Apr. 1341

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ASTRODIENST EPHEMERIS for the year 1341
geocentric

MAY 1341 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	15 7 0	18♉ 6'22	3♏37	1♉46	10♈55	18♒52	7°R52	5°R14	2♈22	27°R29	8♈53	22°R32	24♐ 2	12♋53	13♈52	T 1
W 2	15 10 56	19° 4'03	17°56	3°38	12° 6	19°31	7♎48	5♑11	2°25	27♑29	8°54	22♐28	23°59	13° 0	13°56	W 2
T 3	15 14 53	20° 1'43	2♐29	5°31	13°16	20°10	7°44	5° 9	2°27	27°29	8°55	22°25	23°56	13° 7	13°59	T 3
F 4	15 18 49	20°59'21	17°10	7°27	14°27	20°49	7°40	5° 7	2°30	27°28	8°56	22°D24	23°53	13°13	14° 2	F 4
S 5	15 22 46	21°56'59	1♑52	9°24	15°37	21°27	7°36	5° 4	2°32	27°28	8°57	22°24	23°50	13°20	14° 5	S 5
S 6	15 26 42	22°54'35	16°28	11°24	16°48	22° 6	7°32	5° 1	2°35	27°27	8°58	22°25	23°47	13°27	14° 8	S 6
M 7	15 30 39	23°52'10	0♒55	13°25	17°58	22°45	7°29	4°59	2°37	27°27	9° 0	22°27	23°43	13°33	14°11	M 7
T 8	15 34 36	24°49'45	15° 9	15°28	19° 9	23°24	7°25	4°56	2°40	27°26	9° 1	22°28	23°40	13°40	14°14	T 8
W 9	15 38 32	25°47'18	29° 8	17°33	20°20	24° 2	7°22	4°53	2°42	27°26	9° 2	22°R28	23°37	13°47	14°17	W 9
T 10	15 42 29	26°44'50	12♓52	19°40	21°31	24°41	7°19	4°50	2°44	27°25	9° 3	22°27	23°34	13°53	14°20	T 10
F 11	15 46 25	27°42'22	26°20	21°48	22°42	25°19	7°16	4°47	2°47	27°25	9° 4	22°25	23°31	14° 0	14°23	F 11
S 12	15 50 22	28°39'52	9♈33	23°57	23°52	25°57	7°14	4°44	2°49	27°24	9° 5	22°22	23°27	14° 7	14°26	S 12
S 13	15 54 18	29°37'22	22°32	26° 7	25° 3	26°35	7°11	4°41	2°51	27°24	9° 6	22°19	23°24	14°13	14°28	S 13
M14	15 58 15	0♊34'51	5♉17	28°18	26°14	27°13	7° 9	4°38	2°53	27°23	9° 7	22°15	23°21	14°20	14°31	M14
T 15	16 2 11	1°32'19	17°48	0♊30	27°25	27°51	7° 7	4°35	2°56	27°22	9° 8	22°12	23°18	14°26	14°34	T 15
W16	16 6 8	2°29'46	0♊ 8	2°42	28°36	28°29	7° 5	4°31	2°58	27°21	9° 9	22°10	23°15	14°33	14°37	W16
T 17	16 10 5	3°27'13	12°17	4°54	29°48	29° 6	7° 3	4°28	3° 0	27°21	9°10	22° 9	23°12	14°40	14°39	T 17
F 18	16 14 1	4°24'38	24°16	7° 5	0♉59	29°44	7° 1	4°24	3° 2	27°20	9°10	22°D 9	23° 8	14°46	14°42	F 18
S 19	16 17 58	5°22'02	6♋ 9	9°17	2°10	0♓21	7° 0	4°21	3° 4	27°19	9°11	22° 9	23° 5	14°53	14°45	S 19
S 20	16 21 54	6°19'26	17°58	11°27	3°21	0°59	6°58	4°17	3° 6	27°18	9°12	22°10	23° 2	15° 0	14°47	S 20
M21	16 25 51	7°16'48	29°46	13°37	4°32	1°36	6°57	4°14	3° 8	27°17	9°13	22°12	22°59	15° 6	14°50	M21
T 22	16 29 47	8°14'09	11♌37	15°45	5°44	2°13	6°56	4°10	3°10	27°16	9°14	22°13	22°56	15°13	14°52	T 22
W23	16 33 44	9°11'29	23°35	17°52	6°55	2°49	6°56	4° 6	3°11	27°15	9°15	22°14	22°53	15°20	14°55	W23
T 24	16 37 41	10° 8'48	5♍44	19°57	8° 6	3°26	6°55	4° 2	3°13	27°15	9°16	22°R14	22°49	15°26	14°57	T 24
F 25	16 41 37	11° 6'06	18°11	22° 1	9°18	4° 3	6°55	3°59	3°15	27°14	9°16	22°14	22°46	15°33	15° 0	F 25
S 26	16 45 34	12° 3'23	0♎57	24° 2	10°29	4°39	6°D55	3°55	3°17	27°13	9°17	22°14	22°43	15°40	15° 2	S 26
S 27	16 49 30	13° 0'39	14° 7	26° 2	11°40	5°15	6°55	3°51	3°18	27°12	9°18	22°13	22°40	15°46	15° 4	S 27
M28	16 53 27	13°57'55	27°44	27°59	12°52	5°51	6°55	3°47	3°20	27°10	9°19	22°12	22°37	15°53	15° 6	M28
T 29	16 57 23	14°55'09	11♏46	29°55	14° 3	6°27	6°55	3°43	3°22	27° 9	9°19	22°11	22°33	16° 0	15° 9	T 29
W30	17 1 20	15°52'23	26°13	1♋48	15°15	7° 3	6°56	3°39	3°23	27° 8	9°20	22°10	22°30	16° 6	15°11	W30
T 31	17 5 16	16♊49'36	10♐59	3♋39	16♉27	7♓38	6♎57	3♑35	3♈25	27♑ 7	9♈21	22♐10	22♐27	16♋13	15♈13	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17n17	16s27	3s55	10n24	1s51	2n39	1s50	17s 5	1s58	1s43	1n33	22s38	0n47	0n18	0s42	20s27	0n17	11s58	16s53	23s19	23s23	21n14	7n 4	1n43
W 2	17 33	20 4	2 57	11 10	1 43	3 6	1 51	16 55	2 0	1 41	1 32	22 38	0 47	0 19	0 42	20 27	0 17	11 57	16 53	23 19	23 23	21 13	7 5	1 43
T 3	17 49	22 29	1 47	11 56	1 34	3 33	1 51	16 44	2 2	1 40	1 32	22 39	0 47	0 20	0 42	20 28	0 17	11 57	16 53	23 18	23 23	21 11	7 6	1 43
F 4	18 4	23 23	0 29	12 42	1 25	3 59	1 52	16 33	2 3	1 39	1 32	22 39	0 47	0 21	0 42	20 28	0 17	11 57	16 53	23 18	23 23	21 10	7 8	1 43
S 5	18 19	22 39	0n52	13 29	1 16	4 26	1 53	16 23	2 5	1 37	1 32	22 39	0 47	0 22	0 42	20 28	0 17	11 57	16 53	23 18	23 23	21 8	7 9	1 43
S 6	18 34	20 23	2 8	14 15	1 6	4 53	1 53	16 12	2 7	1 36	1 32	22 39	0 47	0 23	0 42	20 28	0 17	11 56	16 54	23 18	23 23	21 7	7 10	1 42
M 7	18 48	16 50	3 16	15 2	0 56	5 19	1 54	16 1	2 9	1 35	1 31	22 39	0 47	0 24	0 42	20 28	0 17	11 56	16 54	23 18	23 23	21 5	7 11	1 42
T 8	19 3	12 22	4 10	15 48	0 46	5 46	1 54	15 50	2 11	1 34	1 31	22 39	0 47	0 25	0 42	20 28	0 17	11 56	16 54	23 19	23 22	21 4	7 12	1 42
W 9	19 16	7 18	4 49	16 34	0 35	6 12	1 54	15 39	2 13	1 33	1 31	22 39	0 47	0 26	0 42	20 28	0 17	11 56	16 54	23 19	23 22	21 2	7 13	1 42
T 10	19 30	1 59	5 10	17 19	0 25	6 39	1 54	15 27	2 15	1 32	1 31	22 39	0 47	0 27	0 42	20 28	0 17	11 56	16 55	23 19	23 22	21 1	7 15	1 42
F 11	19 43	3n20	5 14	18 3	0 14	7 5	1 55	15 16	2 16	1 31	1 30	22 40	0 47	0 28	0 42	20 28	0 17	11 56	16 55	23 18	23 22	20 59	7 16	1 42
S 12	19 56	8 24	5 0	18 46	0 3	7 31	1 55	15 5	2 18	1 30	1 30	22 40	0 47	0 29	0 42	20 28	0 17	11 55	16 55	23 18	23 22	20 58	7 17	1 42
S 13	20 9	13 0	4 32	19 28	0n 7	7 57	1 54	14 54	2 20	1 29	1 30	22 40	0 47	0 29	0 42	20 29	0 17	11 55	16 55	23 18	23 22	20 56	7 18	1 42
M14	20 21	16 56	3 50	20 8	0 18	8 23	1 54	14 42	2 22	1 29	1 30	22 40	0 47	0 30	0 42	20 29	0 17	11 55	16 56	23 18	23 21	20 55	7 19	1 42
T 15	20 33	20 3	2 58	20 47	0 28	8 49	1 54	14 31	2 24	1 28	1 29	22 40	0 47	0 31	0 42	20 29	0 17	11 55	16 56	23 18	23 21	20 53	7 20	1 42
W16	20 44	22 11	1 59	21 24	0 38	9 15	1 54	14 20	2 26	1 27	1 29	22 40	0 47	0 32	0 42	20 29	0 17	11 55	16 56	23 18	23 21	20 52	7 21	1 42
T 17	20 55	23 15	0 54	21 58	0 48	9 40	1 53	14 8	2 28	1 27	1 29	22 40	0 46	0 33	0 42	20 29	0 17	11 55	16 57	23 17	23 21	20 50	7 22	1 42
F 18	21 6	23 12	0s12	22 31	0 57	10 6	1 53	13 57	2 30	1 26	1 29	22 41	0 46	0 34	0 42	20 29	0 17	11 55	16 57	23 17	23 21	20 49	7 23	1 42
S 19	21 16	22 6	1 17	23 0	1 6	10 31	1 52	13 45	2 32	1 26	1 28	22 41	0 46	0 34	0 43	20 29	0 17	11 55	16 57	23 17	23 21	20 47	7 24	1 42
S 20	21 26	20 2	2 18	23 28	1 14	10 56	1 52	13 34	2 34	1 26	1 28	22 41	0 46	0 35	0 43	20 30	0 17	11 55	16 57	23 18	23 20	20 46	7 25	1 42
M21	21 36	17 7	3 14	23 52	1 22	11 20	1 51	13 22	2 36	1 26	1 28	22 41	0 46	0 36	0 43	20 30	0 17	11 55	16 58	23 18	23 20	20 44	7 26	1 42
T 22	21 45	13 30	4 1	24 14	1 29	11 45	1 50	13 11	2 38	1 26	1 27	22 41	0 46	0 37	0 43	20 30	0 17	11 54	16 58	23 18	23 20	20 43	7 27	1 42
W23	21 54	9 19	4 39	24 33	1 36	12 9	1 49	12 59	2 40	1 26	1 27	22 41	0 46	0 37	0 43	20 30	0 17	11 54	16 58	23 18	23 20	20 41	7 28	1 42
T 24	22 3	4 43	5 4	24 50	1 41	12 33	1 48	12 48	2 42	1 26	1 27	22 42	0 46	0 38	0 43	20 30	0 17	11 54	16 59	23 18	23 20	20 39	7 29	1 42
F 25	22 11	0s10	5 16	25 3	1 46	12 57	1 47	12 36	2 44	1 26	1 27	22 42	0 46	0 39	0 43	20 31	0 17	11 54	16 59	23 18	23 20	20 38	7 30	1 42
S 26	22 19	5 10	5 14	25 14	1 51	13 20	1 46	12 25	2 46	1 26	1 26	22 42	0 46	0 39	0 43	20 31	0 17	11 54	16 59	23 18	23 19	20 36	7 31	1 42
S 27	22 26	10 6	4 54	25 22	1 54	13 44	1 45	12 13	2 48	1 26	1 26	22 42	0 46	0 40	0 43	20 31	0 17	11 54	17 0	23 18	23 19	20 35	7 32	1 43
M28	22 33	14 43	4 18	25 28	1 57	14 7	1 44	12 2	2 50	1 26	1 26	22 42	0 46	0 41	0 43	20 31	0 17	11 54	17 0	23 18	23 19	20 33	7 33	1 43
T 29	22 40	18 41	3 26	25 31	1 59	14 29	1 42	11 51	2 52	1 27	1 26	22 42	0 46	0 41	0 43	20 31	0 17	11 54	17 0	23 18	23 19	20 32	7 34	1 43
W30	22 46	21 38	2 19	25 32	2 1	14 51	1 41	11 39	2 54	1 27	1 25	22 43	0 46	0 42	0 43	20 32	0 17	11 54	17 1	23 18	23 19	20 30	7 34	1 43
T 31	22n52	23s11	1s 2	25n30	2n 2	15n13	1s40	11s28	2s57	1s28	1n25	22s43	0n46	0n42	0s43	20s32	0n17	11s54	17s 1	23s18	23s19	20n28	7n35	1n43

Julian Day Number = 2210978.5, Delta T = 09m22s
Ecliptic obliquity = 23°31'28, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°33'12, Lahiri = 14°40'12 Julian Calendar 1 May 1341 == Greg. Calendar 9 May 1341

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ASTRODIENST EPHEMERIS for the year 1341
geocentric

JUNE 1341 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	17 9 13	17♊46'49	25♐58	5♋27	17♉38	8♓14	6♎57	3°R30	3♈26	27°R 6	9♈21	22°D10	22♐24	16♋20	15♈15	F 1
S 2	17 13 10	18°44'01	11♑ 1	7°13	18°50	8°49	6°59	3♑26	3°27	27♑ 5	9°22	22♐10	22°21	16°26	15°17	S 2
S 3	17 17 6	19°41'13	26° 0	8°57	20° 2	9°24	7° 0	3°22	3°29	27° 4	9°23	22°10	22°18	16°33	15°19	S 3
M 4	17 21 3	20°38'25	10♒47	10°39	21°13	9°59	7° 1	3°18	3°30	27° 2	9°23	22°10	22°14	16°40	15°21	M 4
T 5	17 24 59	21°35'36	25°16	12°18	22°25	10°34	7° 3	3°14	3°31	27° 1	9°24	22°11	22°11	16°46	15°23	T 5
W 6	17 28 56	22°32'48	9♓24	13°54	23°37	11° 8	7° 5	3° 9	3°33	27° 0	9°24	22°R11	22° 8	16°53	15°25	W 6
T 7	17 32 52	23°29'59	23°10	15°29	24°49	11°42	7° 7	3° 5	3°34	26°59	9°25	22°D11	22° 5	17° 0	15°27	T 7
F 8	17 36 49	24°27'10	6♈33	17° 1	26° 1	12°16	7° 9	3° 1	3°35	26°57	9°25	22°11	22° 2	17° 6	15°28	F 8
S 9	17 40 45	25°24'22	19°35	18°30	27°12	12°50	7°11	2°56	3°36	26°56	9°26	22°11	21°59	17°13	15°30	S 9
S 10	17 44 42	26°21'33	2♉20	19°58	28°24	13°24	7°13	2°52	3°37	26°55	9°26	22°11	21°55	17°20	15°32	S 10
M11	17 48 39	27°18'45	14°48	21°22	29°36	13°57	7°16	2°48	3°38	26°53	9°27	22°12	21°52	17°26	15°33	M11
T 12	17 52 35	28°15'56	27° 4	22°44	0♊48	14°30	7°19	2°43	3°39	26°52	9°27	22°12	21°49	17°33	15°35	T 12
W13	17 56 32	29°13'08	9♊ 9	24° 4	2° 1	15° 3	7°22	2°39	3°40	26°51	9°28	22°13	21°46	17°40	15°37	W13
T 14	18 0 28	0♋10'20	21° 7	25°21	3°13	15°35	7°25	2°35	3°41	26°49	9°28	22°R13	21°43	17°46	15°38	T 14
F 15	18 4 25	1° 7'31	2♋59	26°36	4°25	16° 7	7°28	2°30	3°42	26°48	9°28	22°13	21°39	17°53	15°40	F 15
S 16	18 8 21	2° 4'43	14°48	27°48	5°37	16°39	7°32	2°26	3°42	26°46	9°29	22°12	21°36	18° 0	15°41	S 16
S 17	18 12 18	3° 1'55	26°36	28°57	6°49	17°11	7°36	2°21	3°43	26°45	9°29	22°11	21°33	18° 6	15°42	S 17
M18	18 16 14	3°59'06	8♌26	0♌ 3	8° 1	17°42	7°39	2°17	3°44	26°44	9°29	22° 9	21°30	18°13	15°44	M18
T 19	18 20 11	4°56'17	20°19	1° 6	9°14	18°14	7°43	2°12	3°44	26°42	9°30	22° 7	21°27	18°20	15°45	T 19
W20	18 24 8	5°53'29	2♍19	2° 7	10°26	18°44	7°48	2° 8	3°45	26°41	9°30	22° 6	21°24	18°26	15°46	W20
T 21	18 28 4	6°50'40	14°30	3° 4	11°38	19°15	7°52	2° 4	3°45	26°39	9°30	22° 4	21°20	18°33	15°47	T 21
F 22	18 32 1	7°47'51	26°55	3°58	12°51	19°45	7°56	1°59	3°46	26°38	9°30	22° 3	21°17	18°40	15°48	F 22
S 23	18 35 57	8°45'02	9♎39	4°49	14° 3	20°15	8° 1	1°55	3°46	26°36	9°31	22°D 3	21°14	18°46	15°49	S 23
S 24	18 39 54	9°42'13	22°43	5°36	15°15	20°44	8° 6	1°51	3°47	26°35	9°31	22° 3	21°11	18°53	15°50	S 24
M25	18 43 50	10°39'24	6♏13	6°20	16°28	21°13	8°11	1°46	3°47	26°33	9°31	22° 4	21° 8	18°59	15°51	M25
T 26	18 47 47	11°36'35	20° 8	7° 0	17°40	21°42	8°16	1°42	3°47	26°31	9°31	22° 6	21° 5	19° 6	15°52	T 26
W27	18 51 43	12°33'46	4♐30	7°36	18°53	22°11	8°21	1°38	3°47	26°30	9°31	22° 7	21° 1	19°13	15°53	W27
T 28	18 55 40	13°30'58	19°15	8° 8	20° 5	22°39	8°26	1°33	3°48	26°28	9°31	22°R 7	20°58	19°19	15°54	T 28
F 29	18 59 37	14°28'10	4♑18	8°36	21°18	23° 7	8°32	1°29	3°48	26°27	9°31	22° 7	20°55	19°26	15°54	F 29
S 30	19 3 33	15♋25'22	19♑31	9♌ 0	22♊31	23♓34	8♎38	1♑25	3♈48	26♑25	9♈31	22♐ 6	20♐52	19♋33	15♈55	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22n58	23s 7	0n21	25n26	2n 1	15n35	1s38	11s16	2s59	1s29	1n25	22s43	0n46	0n43	0s43	20s32	0n17	11s55	17s 1	23s17	23s18	20n27	7n36	1n43
S 2	23 3	21 21	1 43	25 20	2 1	15 56	1 36	11 5	3 1	1 29	1 24	22 43	0 46	0 43	0 43	20 32	0 17	11 55	17 2	23 18	23 18	20 25	7 37	1 43
S 3	23 7	18 7	2 57	25 12	1 59	16 17	1 35	10 54	3 3	1 30	1 24	22 43	0 46	0 44	0 43	20 33	0 17	11 55	17 2	23 18	23 18	20 24	7 38	1 43
M 4	23 12	13 46	3 59	25 2	1 57	16 38	1 33	10 42	3 5	1 31	1 24	22 43	0 46	0 44	0 43	20 33	0 17	11 55	17 2	23 18	23 18	20 22	7 39	1 43
T 5	23 15	8 41	4 44	24 51	1 54	16 58	1 31	10 31	3 7	1 32	1 24	22 44	0 45	0 45	0 43	20 33	0 17	11 55	17 3	23 18	23 18	20 20	7 39	1 43
W 6	23 19	3 17	5 10	24 38	1 51	17 18	1 30	10 20	3 9	1 33	1 23	22 44	0 45	0 45	0 43	20 33	0 17	11 55	17 3	23 18	23 17	20 19	7 40	1 43
T 7	23 22	2n 8	5 18	24 23	1 47	17 37	1 28	10 9	3 11	1 34	1 23	22 44	0 45	0 46	0 43	20 34	0 17	11 55	17 3	23 18	23 17	20 17	7 41	1 43
F 8	23 24	7 19	5 8	24 7	1 42	17 56	1 26	9 57	3 13	1 35	1 23	22 44	0 45	0 46	0 43	20 34	0 17	11 55	17 4	23 18	23 17	20 15	7 41	1 43
S 9	23 27	12 2	4 42	23 50	1 36	18 14	1 24	9 46	3 16	1 36	1 23	22 44	0 45	0 47	0 43	20 34	0 17	11 55	17 4	23 18	23 17	20 14	7 42	1 43
S 10	23 28	16 7	4 3	23 31	1 30	18 33	1 22	9 35	3 18	1 37	1 22	22 44	0 45	0 47	0 43	20 34	0 17	11 55	17 4	23 18	23 17	20 12	7 43	1 43
M11	23 30	19 25	3 13	23 12	1 24	18 50	1 20	9 25	3 20	1 38	1 22	22 45	0 45	0 47	0 43	20 35	0 17	11 56	17 5	23 18	23 16	20 11	7 43	1 43
T 12	23 31	21 46	2 15	22 52	1 17	19 7	1 18	9 14	3 22	1 40	1 22	22 45	0 45	0 48	0 43	20 35	0 17	11 56	17 5	23 18	23 16	20 9	7 44	1 43
W13	23 31	23 5	1 12	22 30	1 9	19 24	1 16	9 3	3 24	1 41	1 21	22 45	0 45	0 48	0 43	20 35	0 17	11 56	17 5	23 18	23 16	20 7	7 45	1 43
T 14	23 31	23 20	0 6	22 8	1 1	19 40	1 14	8 52	3 26	1 43	1 21	22 45	0 45	0 48	0 43	20 35	0 17	11 56	17 6	23 18	23 16	20 6	7 45	1 43
F 15	23 31	22 30	0s59	21 46	0 52	19 56	1 12	8 42	3 29	1 44	1 21	22 45	0 45	0 49	0 43	20 36	0 17	11 56	17 6	23 18	23 16	20 4	7 46	1 43
S 16	23 30	20 41	2 2	21 22	0 43	20 11	1 9	8 31	3 31	1 46	1 21	22 45	0 45	0 49	0 43	20 36	0 17	11 56	17 6	23 18	23 15	20 2	7 46	1 43
S 17	23 29	17 58	2 59	20 59	0 33	20 25	1 7	8 21	3 33	1 48	1 20	22 46	0 45	0 49	0 43	20 36	0 17	11 57	17 7	23 18	23 15	20 1	7 47	1 43
M18	23 28	14 32	3 49	20 35	0 23	20 40	1 5	8 10	3 35	1 49	1 20	22 46	0 44	0 49	0 43	20 37	0 17	11 57	17 7	23 17	23 15	19 59	7 48	1 43
T 19	23 26	10 31	4 29	20 11	0 12	20 53	1 2	8 0	3 37	1 51	1 20	22 46	0 44	0 50	0 43	20 37	0 17	11 57	17 8	23 17	23 15	19 57	7 48	1 43
W20	23 24	6 3	4 58	19 46	0 1	21 6	1 0	7 50	3 40	1 53	1 20	22 46	0 44	0 50	0 44	20 37	0 17	11 57	17 8	23 17	23 15	19 56	7 48	1 43
T 21	23 21	1 18	5 14	19 22	0s11	21 19	0 58	7 40	3 42	1 55	1 19	22 46	0 44	0 50	0 44	20 37	0 17	11 58	17 8	23 17	23 14	19 54	7 49	1 43
F 22	23 18	3s35	5 15	18 58	0 23	21 30	0 55	7 30	3 44	1 57	1 19	22 46	0 44	0 50	0 44	20 38	0 17	11 58	17 9	23 17	23 14	19 52	7 49	1 43
S 23	23 14	8 27	5 2	18 34	0 35	21 42	0 53	7 20	3 46	1 59	1 19	22 47	0 44	0 50	0 44	20 38	0 17	11 58	17 9	23 17	23 14	19 51	7 50	1 43
S 24	23 10	13 5	4 32	18 10	0 48	21 52	0 50	7 11	3 48	2 1	1 19	22 47	0 44	0 50	0 44	20 38	0 17	11 58	17 9	23 17	23 14	19 49	7 50	1 43
M25	23 6	17 13	3 47	17 46	1 1	22 2	0 48	7 1	3 51	2 3	1 18	22 47	0 44	0 50	0 44	20 39	0 17	11 59	17 10	23 17	23 14	19 47	7 51	1 43
T 26	23 1	20 32	2 48	17 23	1 14	22 12	0 45	6 52	3 53	2 6	1 18	22 47	0 44	0 51	0 44	20 39	0 17	11 59	17 10	23 17	23 13	19 46	7 51	1 43
W27	22 56	22 41	1 36	17 1	1 28	22 21	0 43	6 43	3 55	2 8	1 18	22 47	0 44	0 51	0 44	20 39	0 17	11 59	17 10	23 17	23 13	19 44	7 51	1 43
T 28	22 50	23 21	0 16	16 40	1 42	22 29	0 40	6 33	3 57	2 10	1 18	22 47	0 44	0 51	0 44	20 40	0 17	11 59	17 11	23 17	23 13	19 42	7 52	1 43
F 29	22 44	22 21	1n 7	16 19	1 56	22 37	0 38	6 24	3 59	2 13	1 17	22 48	0 43	0 51	0 44	20 40	0 17	12 0	17 11	23 17	23 13	19 40	7 52	1 43
S 30	22n38	19s42	2n25	15n59	2s10	22n44	0s35	6s16	4s 2	2s15	1n17	22s48	0n43	0n51	0s44	20s40	0n17	12s 0	17s11	23s17	23s12	19n39	7n52	1n43

Julian Day Number = 2211009.5, Delta T = 09m22s
Ecliptic obliquity = 23°31'28, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°33'16, Lahiri = 14°40'16 Julian Calendar 1 June 1341 == Greg. Calendar 9 June 1341

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ASTRODIENST EPHEMERIS for the year 1341
geocentric

JULY 1341 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	19 7 30	16♋22'34	4♒43	9♌19	23♊43	24♓ 1	8♎43	1°R21	3°R48	26°R24	9♈31	22°R 3	20♐49	19♋39	15♈56	S 1
M 2	19 11 26	17°19'47	19°47	9°34	24°56	24°27	8°49	1♑17	3♈48	26♑22	9°R31	22♐ 0	20°45	19°46	15°56	M 2
T 3	19 15 23	18°17'01	4♓31	9°44	26° 9	24°53	8°55	1°12	3°48	26°20	9°31	21°57	20°42	19°53	15°57	T 3
W 4	19 19 19	19°14'16	18°52	9°49	27°22	25°19	9° 2	1° 8	3°48	26°19	9°31	21°53	20°39	19°59	15°57	W 4
T 5	19 23 16	20°11'31	2♈45	9°R49	28°34	25°44	9° 8	1° 4	3°48	26°17	9°31	21°51	20°36	20° 6	15°58	T 5
F 6	19 27 12	21° 8'47	16°11	9°44	29°47	26° 9	9°15	1° 0	3°47	26°16	9°31	21°D50	20°33	20°13	15°58	F 6
S 7	19 31 9	22° 6'05	29°11	9°34	1♋ 0	26°34	9°21	0°56	3°47	26°14	9°31	21°50	20°30	20°19	15°58	S 7
S 8	19 35 6	23° 3'23	11♉50	9°20	2°13	26°57	9°28	0°52	3°47	26°12	9°31	21°51	20°26	20°26	15°58	S 8
M 9	19 39 2	24° 0'42	24°10	9° 0	3°26	27°21	9°35	0°48	3°46	26°11	9°31	21°53	20°23	20°33	15°59	M 9
T 10	19 42 59	24°58'02	6♊16	8°36	4°39	27°44	9°42	0°45	3°46	26° 9	9°31	21°54	20°20	20°39	15°59	T 10
W11	19 46 55	25°55'24	18°13	8° 7	5°52	28° 6	9°49	0°41	3°46	26° 7	9°30	21°R55	20°17	20°46	15°59	W11
T 12	19 50 52	26°52'46	0♋ 4	7°34	7° 5	28°28	9°56	0°37	3°45	26° 6	9°30	21°55	20°14	20°53	15°R59	T 12
F 13	19 54 48	27°50'09	11°52	6°57	8°18	28°49	10° 4	0°33	3°45	26° 4	9°30	21°53	20°11	20°59	15°59	F 13
S 14	19 58 45	28°47'34	23°39	6°17	9°32	29°10	10°11	0°30	3°44	26° 3	9°30	21°50	20° 7	21° 6	15°59	S 14
S 15	20 2 42	29°44'59	5♌29	5°35	10°45	29°30	10°19	0°26	3°43	26° 1	9°29	21°44	20° 4	21°13	15°59	S 15
M16	20 6 38	0♌42'25	17°23	4°50	11°58	29°49	10°27	0°23	3°43	25°59	9°29	21°38	20° 1	21°19	15°58	M16
T 17	20 10 35	1°39'51	29°23	4° 4	13°11	0♈ 8	10°35	0°19	3°42	25°58	9°29	21°30	19°58	21°26	15°58	T 17
W18	20 14 31	2°37'19	11♍31	3°18	14°25	0°27	10°43	0°16	3°41	25°56	9°29	21°23	19°55	21°33	15°58	W18
T 19	20 18 28	3°34'47	23°48	2°32	15°38	0°45	10°51	0°13	3°40	25°54	9°28	21°17	19°51	21°39	15°57	T 19
F 20	20 22 24	4°32'17	6♎17	1°47	16°51	1° 2	10°59	0° 9	3°39	25°53	9°28	21°12	19°48	21°46	15°57	F 20
S 21	20 26 21	5°29'47	19° 1	1° 4	18° 5	1°18	11° 8	0° 6	3°39	25°51	9°27	21° 9	19°45	21°53	15°57	S 21
S 22	20 30 17	6°27'18	2♏ 3	0°25	19°18	1°34	11°16	0° 3	3°38	25°50	9°27	21°D 7	19°42	21°59	15°56	S 22
M23	20 34 14	7°24'50	15°25	29♋49	20°31	1°49	11°25	29♐59	3°37	25°48	9°27	21° 7	19°39	22° 6	15°55	M23
T 24	20 38 10	8°22'23	29°10	29°17	21°45	2° 4	11°34	29°57	3°35	25°46	9°26	21° 8	19°36	22°13	15°55	T 24
W25	20 42 7	9°19'56	13♐20	28°51	22°59	2°17	11°43	29°54	3°34	25°45	9°26	21° 9	19°32	22°19	15°54	W25
T 26	20 46 4	10°17'31	27°53	28°31	24°12	2°31	11°52	29°51	3°33	25°43	9°25	21°R 9	19°29	22°26	15°53	T 26
F 27	20 50 0	11°15'07	12♑46	28°16	25°26	2°43	12° 1	29°49	3°32	25°42	9°25	21° 8	19°26	22°33	15°53	F 27
S 28	20 53 57	12°12'44	27°52	28° 9	26°39	2°55	12°10	29°46	3°31	25°40	9°24	21° 4	19°23	22°39	15°52	S 28
S 29	20 57 53	13°10'22	13♒ 4	28°D 8	27°53	3° 6	12°19	29°43	3°30	25°39	9°24	20°58	19°20	22°46	15°51	S 29
M30	21 1 50	14° 8'01	28°11	28°15	29° 7	3°16	12°29	29°41	3°28	25°37	9°23	20°50	19°16	22°53	15°50	M30
T 31	21 5 46	15♌ 5'42	13♓ 2	28♋29	0♌20	3♈25	12♎38	29♐38	3♈27	25♑36	9♈22	20♐42	19♐13	22♋59	15♈49	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n31	15s42	3n33	15n41	2s24	22n50	0s32	6s 7	4s 4	2s18	1n17	22s48	0n43	0n51	0s44	20s40	0n17	12s 0	17s12	23s17	23s12	19n37	7n52	1n43
M 2	22 24	10 44	4 26	15 23	2 38	22 56	0 30	5 58	4 6	2 20	1 17	22 48	0 43	0 51	0 44	20 41	0 17	12 1	17 12	23 17	23 12	19 35	7 53	1 43
T 3	22 16	5 14	5 0	15 7	2 52	23 1	0 27	5 50	4 8	2 23	1 16	22 48	0 43	0 51	0 44	20 41	0 17	12 1	17 13	23 17	23 12	19 34	7 53	1 43
W 4	22 8	0n23	5 14	14 52	3 6	23 5	0 25	5 42	4 10	2 26	1 16	22 48	0 43	0 50	0 44	20 41	0 17	12 1	17 13	23 17	23 12	19 32	7 53	1 43
T 5	22 0	5 49	5 8	14 39	3 19	23 9	0 22	5 34	4 13	2 28	1 16	22 48	0 43	0 50	0 44	20 42	0 17	12 2	17 13	23 16	23 11	19 30	7 53	1 43
F 6	21 51	10 47	4 46	14 28	3 32	23 12	0 19	5 26	4 15	2 31	1 16	22 49	0 43	0 50	0 44	20 42	0 17	12 2	17 14	23 16	23 11	19 28	7 53	1 43
S 7	21 42	15 7	4 10	14 18	3 45	23 15	0 17	5 18	4 17	2 34	1 15	22 49	0 43	0 50	0 44	20 42	0 17	12 2	17 14	23 16	23 11	19 27	7 54	1 43
S 8	21 33	18 38	3 22	14 11	3 57	23 16	0 14	5 11	4 19	2 37	1 15	22 49	0 42	0 50	0 44	20 43	0 17	12 3	17 14	23 16	23 11	19 25	7 54	1 43
M 9	21 23	21 14	2 26	14 5	4 8	23 17	0 11	5 3	4 21	2 40	1 15	22 49	0 42	0 50	0 44	20 43	0 17	12 3	17 15	23 16	23 10	19 23	7 54	1 43
T 10	21 13	22 49	1 25	14 1	4 18	23 18	0 9	4 56	4 24	2 43	1 15	22 49	0 42	0 50	0 44	20 43	0 17	12 4	17 15	23 17	23 10	19 21	7 54	1 43
W11	21 2	23 20	0 20	14 0	4 27	23 17	0 6	4 49	4 26	2 46	1 14	22 49	0 42	0 49	0 44	20 44	0 17	12 4	17 15	23 17	23 10	19 20	7 54	1 43
T 12	20 51	22 47	0s44	14 0	4 35	23 17	0 4	4 42	4 28	2 49	1 14	22 49	0 42	0 49	0 44	20 44	0 17	12 4	17 16	23 17	23 10	19 18	7 54	1 44
F 13	20 40	21 13	1 47	14 3	4 42	23 15	0 1	4 36	4 30	2 52	1 14	22 49	0 42	0 49	0 44	20 44	0 17	12 5	17 16	23 16	23 10	19 16	7 54	1 44
S 14	20 28	18 45	2 44	14 8	4 47	23 13	0n 2	4 30	4 32	2 55	1 14	22 50	0 42	0 49	0 44	20 45	0 17	12 5	17 16	23 16	23 9	19 14	7 54	1 44
S 15	20 17	15 29	3 35	14 15	4 51	23 9	0 4	4 23	4 34	2 58	1 14	22 50	0 42	0 48	0 44	20 45	0 17	12 6	17 17	23 16	23 9	19 13	7 54	1 44
M16	20 4	11 36	4 16	14 23	4 53	23 6	0 7	4 18	4 36	3 2	1 13	22 50	0 42	0 48	0 44	20 45	0 17	12 6	17 17	23 16	23 9	19 11	7 54	1 44
T 17	19 52	7 15	4 47	14 34	4 53	23 1	0 9	4 12	4 39	3 5	1 13	22 50	0 41	0 48	0 44	20 46	0 17	12 6	17 17	23 15	23 9	19 9	7 54	1 44
W18	19 39	2 34	5 5	14 46	4 51	22 56	0 12	4 7	4 41	3 8	1 13	22 50	0 41	0 47	0 44	20 46	0 17	12 7	17 18	23 15	23 8	19 7	7 54	1 44
T 19	19 25	2s15	5 9	15 0	4 48	22 51	0 14	4 1	4 43	3 12	1 13	22 50	0 41	0 47	0 44	20 46	0 17	12 7	17 18	23 14	23 8	19 6	7 54	1 44
F 20	19 12	7 4	4 59	15 15	4 42	22 44	0 17	3 56	4 45	3 15	1 12	22 50	0 41	0 47	0 44	20 46	0 17	12 8	17 19	23 14	23 8	19 4	7 53	1 44
S 21	18 58	11 41	4 34	15 31	4 35	22 37	0 19	3 52	4 47	3 19	1 12	22 51	0 41	0 46	0 45	20 47	0 17	12 8	17 19	23 14	23 8	19 2	7 53	1 44
S 22	18 44	15 53	3 54	15 48	4 26	22 29	0 22	3 47	4 49	3 22	1 12	22 51	0 41	0 46	0 45	20 47	0 17	12 9	17 19	23 14	23 7	19 0	7 53	1 44
M23	18 29	19 24	3 1	16 5	4 16	22 21	0 24	3 43	4 51	3 26	1 12	22 51	0 41	0 45	0 45	20 47	0 17	12 9	17 19	23 14	23 7	18 58	7 53	1 44
T 24	18 14	21 56	1 56	16 23	4 4	22 12	0 27	3 39	4 52	3 29	1 12	22 51	0 41	0 45	0 45	20 48	0 17	12 10	17 20	23 14	23 7	18 57	7 53	1 44
W25	17 59	23 11	0 42	16 41	3 51	22 2	0 29	3 35	4 54	3 33	1 11	22 51	0 40	0 45	0 45	20 48	0 16	12 10	17 20	23 14	23 7	18 55	7 52	1 44
T 26	17 43	22 54	0n36	16 59	3 37	21 52	0 31	3 32	4 56	3 37	1 11	22 51	0 40	0 44	0 45	20 48	0 16	12 11	17 20	23 14	23 6	18 53	7 52	1 44
F 27	17 28	21 1	1 54	17 17	3 22	21 41	0 34	3 28	4 58	3 40	1 11	22 51	0 40	0 44	0 45	20 49	0 16	12 11	17 21	23 14	23 6	18 51	7 52	1 44
S 28	17 12	17 39	3 4	17 34	3 6	21 29	0 36	3 25	5 0	3 44	1 11	22 51	0 40	0 43	0 45	20 49	0 16	12 12	17 21	23 13	23 6	18 49	7 52	1 44
S 29	16 55	13 5	4 2	17 50	2 50	21 17	0 38	3 22	5 2	3 48	1 11	22 52	0 40	0 43	0 45	20 49	0 16	12 12	17 21	23 13	23 6	18 48	7 51	1 44
M30	16 39	7 43	4 43	18 5	2 33	21 4	0 40	3 20	5 3	3 52	1 11	22 52	0 40	0 42	0 45	20 49	0 16	12 13	17 22	23 12	23 5	18 46	7 51	1 44
T 31	16n22	2s 1	5n 3	18n20	2s15	20n50	0n42	3s18	5s 5	3s56	1n10	22s52	0n40	0n41	0s45	20s50	0n16	12s13	17s22	23s12	23s 5	18n44	7n51	1n44

Julian Day Number = 2211039.5, Delta T = 09m21s
Ecliptic obliquity = 23°31'27, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°33'20, Lahiri = 14°40'20 Julian Calendar 1 July 1341 == Greg. Calendar 9 July 1341

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1341
geocentric

AUGUST 1341 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	21 9 43	16♌ 3'24	27♓31	28♋51	1♌34	3♈34	12♎48	29°R36	3°R26	25°R34	9°R22	20°R34	19♐10	23♋ 6	15°R48	W 1
T 2	21 13 39	17° 1'08	11♈32	29°20	2°48	3°42	12°57	29♐34	3♈24	25♑33	9♈21	20♐28	19° 7	23°13	15♈47	T 2
F 3	21 17 36	17°58'53	25° 4	29°56	4° 2	3°49	13° 7	29°31	3°23	25°31	9°20	20°23	19° 4	23°19	15°46	F 3
S 4	21 21 33	18°56'41	8♉ 7	0♌40	5°16	3°55	13°17	29°29	3°21	25°30	9°20	20°21	19° 1	23°26	15°44	S 4
S 5	21 25 29	19°54'30	20°46	1°31	6°30	4° 1	13°27	29°27	3°20	25°28	9°19	20°D20	18°57	23°33	15°43	S 5
M 6	21 29 26	20°52'20	3♊ 4	2°29	7°44	4° 5	13°37	29°25	3°18	25°27	9°18	20°21	18°54	23°39	15°42	M 6
T 7	21 33 22	21°50'13	15° 7	3°34	8°58	4° 9	13°47	29°24	3°17	25°25	9°18	20°R22	18°51	23°46	15°41	T 7
W 8	21 37 19	22°48'07	27° 1	4°45	10°12	4°12	13°57	29°22	3°15	25°24	9°17	20°21	18°48	23°53	15°39	W 8
T 9	21 41 15	23°46'04	8♋49	6° 2	11°26	4°14	14° 8	29°20	3°13	25°23	9°16	20°20	18°45	24° 0	15°38	T 9
F 10	21 45 12	24°44'02	20°36	7°24	12°40	4°15	14°18	29°18	3°11	25°21	9°16	20°16	18°42	24° 6	15°36	F 10
S 11	21 49 8	25°42'01	2♌26	8°52	13°54	4°R15	14°29	29°17	3°10	25°20	9°15	20° 9	18°38	24°13	15°35	S 11
S 12	21 53 5	26°40'03	14°21	10°25	15° 8	4°15	14°39	29°16	3° 8	25°19	9°14	19°59	18°35	24°20	15°33	S 12
M13	21 57 2	27°38'06	26°23	12° 2	16°22	4°13	14°50	29°14	3° 6	25°17	9°13	19°48	18°32	24°26	15°31	M13
T 14	22 0 58	28°36'10	8♍34	13°43	17°36	4°11	15° 1	29°13	3° 4	25°16	9°12	19°36	18°29	24°33	15°30	T 14
W15	22 4 55	29°34'17	20°53	15°27	18°51	4° 8	15°11	29°12	3° 2	25°15	9°11	19°23	18°26	24°40	15°28	W15
T 16	22 8 51	0♍32'25	3♎23	17°13	20° 5	4° 4	15°22	29°11	3° 0	25°13	9°11	19°12	18°22	24°46	15°26	T 16
F 17	22 12 48	1°30'34	16° 4	19° 3	21°19	3°59	15°33	29°10	2°59	25°12	9°10	19° 3	18°19	24°53	15°24	F 17
S 18	22 16 44	2°28'45	28°57	20°54	22°34	3°53	15°44	29° 9	2°57	25°11	9° 9	18°56	18°16	25° 0	15°23	S 18
S 19	22 20 41	3°26'58	12♏ 3	22°47	23°48	3°47	15°55	29° 8	2°55	25°10	9° 8	18°52	18°13	25° 6	15°21	S 19
M20	22 24 37	4°25'12	25°25	24°40	25° 2	3°40	16° 7	29° 8	2°53	25° 9	9° 7	18°50	18°10	25°13	15°19	M20
T 21	22 28 34	5°23'28	9♐ 4	26°35	26°17	3°31	16°18	29° 7	2°50	25° 7	9° 6	18°D50	18° 7	25°20	15°17	T 21
W22	22 32 31	6°21'45	23° 2	28°30	27°31	3°23	16°29	29° 7	2°48	25° 6	9° 5	18°R50	18° 3	25°26	15°15	W22
T 23	22 36 27	7°20'04	7♑19	0♍25	28°46	3°13	16°41	29° 6	2°46	25° 5	9° 4	18°49	18° 0	25°33	15°13	T 23
F 24	22 40 24	8°18'25	21°54	2°20	29°59	3° 2	16°52	29° 6	2°44	25° 4	9° 3	18°46	17°57	25°40	15°11	F 24
S 25	22 44 20	9°16'47	6♒42	4°15	1♍14	2°51	17° 4	29° 6	2°42	25° 3	9° 2	18°40	17°54	25°46	15° 8	S 25
S 26	22 48 17	10°15'10	21°38	6° 9	2°29	2°39	17°15	29°D 6	2°40	25° 2	9° 1	18°32	17°51	25°53	15° 6	S 26
M27	22 52 13	11°13'36	6♓32	8° 3	3°44	2°27	17°27	29° 6	2°38	25° 1	9° 0	18°22	17°48	26° 0	15° 4	M27
T 28	22 56 10	12°12'03	21°16	9°57	4°58	2°14	17°39	29° 6	2°35	25° 0	8°59	18°10	17°44	26° 6	15° 2	T 28
W29	23 0 6	13°10'32	5♈42	11°49	6°13	2° 0	17°50	29° 6	2°33	24°59	8°58	17°59	17°41	26°13	15° 0	W29
T 30	23 4 3	14° 9'04	19°43	13°41	7°27	1°46	18° 2	29° 7	2°31	24°58	8°57	17°49	17°38	26°20	14°57	T 30
F 31	23 8 0	15♍ 7'37	3♉17	15♍31	8♍42	1♈31	18♎14	29♐ 7	2♈29	24♑57	8♈56	17♐42	17♐35	26♋26	14♈55	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	16n 5	3n39	5n 4	18n32	1s58	20n36	0n44	3s16	5s 7	4s 0	1n10	22s52	0n39	0n41	0s45	20s50	0n16	12s14	17s22	23s11	23s 5	18n42	7n50	1n44
T 2	15 47	8 57	4 46	18 43	1 41	20 21	0 47	3 14	5 8	4 4	1 10	22 52	0 39	0 40	0 45	20 50	0 16	12 14	17 23	23 11	23 5	18 40	7 50	1 44
F 3	15 30	13 38	4 12	18 52	1 24	20 6	0 49	3 13	5 10	4 8	1 10	22 52	0 39	0 40	0 45	20 51	0 16	12 15	17 23	23 10	23 4	18 38	7 49	1 44
S 4	15 12	17 31	3 26	19 0	1 7	19 50	0 51	3 11	5 11	4 12	1 10	22 52	0 39	0 39	0 45	20 51	0 16	12 15	17 23	23 10	23 4	18 37	7 49	1 44
S 5	14 54	20 27	2 32	19 5	0 50	19 34	0 52	3 11	5 12	4 16	1 9	22 52	0 39	0 38	0 45	20 51	0 16	12 16	17 23	23 10	23 4	18 35	7 48	1 44
M 6	14 35	22 20	1 31	19 7	0 34	19 17	0 54	3 10	5 14	4 20	1 9	22 53	0 39	0 38	0 45	20 52	0 16	12 16	17 24	23 10	23 4	18 33	7 48	1 44
T 7	14 17	23 9	0 28	19 7	0 19	18 59	0 56	3 10	5 15	4 24	1 9	22 53	0 39	0 37	0 45	20 52	0 16	12 17	17 24	23 10	23 3	18 31	7 47	1 44
W 8	13 58	22 54	0s36	19 5	0 4	18 41	0 58	3 10	5 16	4 28	1 9	22 53	0 39	0 36	0 45	20 52	0 16	12 17	17 24	23 10	23 3	18 29	7 47	1 44
T 9	13 39	21 37	1 37	18 59	0n10	18 22	1 0	3 10	5 17	4 32	1 9	22 53	0 38	0 36	0 45	20 52	0 16	12 18	17 25	23 10	23 3	18 27	7 46	1 44
F 10	13 19	19 24	2 34	18 51	0 23	18 3	1 1	3 10	5 18	4 36	1 9	22 53	0 38	0 35	0 45	20 53	0 16	12 18	17 25	23 10	23 2	18 26	7 46	1 44
S 11	13 0	16 22	3 24	18 40	0 35	17 43	1 3	3 11	5 19	4 41	1 8	22 53	0 38	0 34	0 45	20 53	0 16	12 19	17 25	23 9	23 2	18 24	7 45	1 44
S 12	12 40	12 39	4 6	18 26	0 46	17 23	1 5	3 12	5 20	4 45	1 8	22 53	0 38	0 34	0 45	20 53	0 16	12 19	17 25	23 9	23 2	18 22	7 44	1 44
M13	12 20	8 25	4 37	18 9	0 57	17 2	1 6	3 13	5 21	4 49	1 8	22 53	0 38	0 33	0 45	20 53	0 16	12 20	17 26	23 8	23 2	18 20	7 44	1 44
T 14	12 0	3 49	4 56	17 50	1 6	16 41	1 8	3 15	5 22	4 53	1 8	22 54	0 38	0 32	0 45	20 54	0 16	12 20	17 26	23 7	23 1	18 18	7 43	1 44
W15	11 40	1s 0	5 2	17 27	1 15	16 19	1 9	3 17	5 22	4 58	1 8	22 54	0 38	0 31	0 45	20 54	0 16	12 21	17 26	23 6	23 1	18 16	7 43	1 44
T 16	11 19	5 49	4 53	17 2	1 22	15 57	1 11	3 19	5 23	5 2	1 8	22 54	0 37	0 31	0 45	20 54	0 16	12 22	17 26	23 5	23 1	18 14	7 42	1 44
F 17	10 59	10 29	4 29	16 34	1 28	15 35	1 12	3 21	5 23	5 6	1 7	22 54	0 37	0 30	0 45	20 54	0 16	12 22	17 27	23 4	23 1	18 12	7 41	1 44
S 18	10 38	14 45	3 52	16 4	1 34	15 12	1 13	3 24	5 23	5 11	1 7	22 54	0 37	0 29	0 45	20 55	0 16	12 23	17 27	23 4	23 0	18 11	7 40	1 44
S 19	10 17	18 23	3 2	15 31	1 38	14 48	1 14	3 26	5 24	5 15	1 7	22 54	0 37	0 28	0 45	20 55	0 16	12 23	17 27	23 3	23 0	18 9	7 40	1 44
M20	9 55	21 8	2 1	14 57	1 42	14 24	1 15	3 29	5 24	5 20	1 7	22 54	0 37	0 27	0 45	20 55	0 16	12 24	17 27	23 3	23 0	18 7	7 39	1 44
T 21	9 34	22 44	0 52	14 20	1 45	14 0	1 17	3 32	5 23	5 24	1 7	22 55	0 37	0 27	0 45	20 55	0 16	12 24	17 27	23 3	22 59	18 5	7 38	1 44
W22	9 13	22 58	0n22	13 42	1 47	13 35	1 18	3 36	5 23	5 29	1 7	22 55	0 37	0 26	0 45	20 56	0 16	12 25	17 28	23 3	22 59	18 3	7 37	1 44
T 23	8 51	21 43	1 36	13 3	1 48	13 10	1 19	3 39	5 23	5 33	1 7	22 55	0 36	0 25	0 45	20 56	0 16	12 25	17 28	23 3	22 59	18 1	7 37	1 44
F 24	8 29	19 1	2 45	12 22	1 48	12 45	1 19	3 43	5 22	5 38	1 6	22 55	0 36	0 24	0 45	20 56	0 16	12 26	17 28	23 3	22 59	17 59	7 36	1 44
S 25	8 7	15 3	3 44	11 40	1 48	12 19	1 20	3 47	5 22	5 42	1 6	22 55	0 36	0 23	0 45	20 56	0 16	12 27	17 28	23 2	22 58	17 57	7 35	1 44
S 26	7 45	10 6	4 29	10 56	1 47	11 53	1 21	3 51	5 21	5 47	1 6	22 55	0 36	0 22	0 45	20 56	0 16	12 27	17 28	23 2	22 58	17 55	7 34	1 44
M27	7 23	4 35	4 54	10 12	1 45	11 27	1 22	3 55	5 20	5 51	1 6	22 55	0 36	0 21	0 45	20 57	0 16	12 28	17 29	23 1	22 58	17 54	7 33	1 44
T 28	7 0	1n 7	5 0	9 28	1 43	11 0	1 22	3 59	5 19	5 56	1 6	22 55	0 36	0 20	0 45	20 57	0 16	12 28	17 29	23 0	22 57	17 52	7 32	1 44
W29	6 38	6 39	4 47	8 42	1 41	10 33	1 23	4 4	5 18	6 1	1 6	22 56	0 36	0 20	0 45	20 57	0 16	12 29	17 29	22 59	22 57	17 50	7 31	1 44
T 30	6 15	11 41	4 16	7 56	1 37	10 6	1 23	4 8	5 16	6 5	1 6	22 56	0 36	0 19	0 45	20 57	0 16	12 29	17 29	22 58	22 57	17 48	7 30	1 44
F 31	5n53	15n58	3n31	7n10	1n34	9n38	1n24	4s13	5s15	6s10	1n 6	22s56	0n35	0n18	0s45	20s57	0n16	12s30	17s29	22s57	22s57	17n46	7n30	1n44

Julian Day Number = 2211070.5, Delta T = 09m21s
Ecliptic obliquity = 23°31'28, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°33'24, Lahiri = 14°40'25 Julian Calendar 1 Aug. 1341 == Greg. Calendar 9 Aug. 1341

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ASTRODIENST EPHEMERIS for the year 1341
geocentric

SEPTEMBER 1341 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	23 11 56	16♍ 6'13	16♉23	17♍21	9♍57	1°R15	18♎26	29♐ 8	2°R26	24°R56	8°R55	17°R37	17♐32	26♋33	14°R53	S 1
S 2	23 15 53	17° 4'51	29° 4	19°10	11°11	0♈59	18°38	29° 8	2♈24	24♑55	8♈54	17♐35	17°28	26°40	14♈50	S 2
M 3	23 19 49	18° 3'31	11♊25	20°58	12°26	0°43	18°50	29° 9	2°22	24°55	8°53	17°34	17°25	26°46	14°48	M 3
T 4	23 23 46	19° 2'13	23°29	22°45	13°41	0°26	19° 2	29°10	2°19	24°54	8°52	17°34	17°22	26°53	14°45	T 4
W 5	23 27 42	20° 0'58	5♋23	24°31	14°56	0° 9	19°14	29°11	2°17	24°53	8°51	17°34	17°19	27° 0	14°43	W 5
T 6	23 31 39	20°59'45	17°12	26°16	16°10	29♓52	19°27	29°12	2°15	24°52	8°50	17°32	17°16	27° 6	14°40	T 6
F 7	23 35 35	21°58'34	29° 0	28° 0	17°25	29°34	19°39	29°13	2°12	24°52	8°49	17°27	17°13	27°13	14°38	F 7
S 8	23 39 32	22°57'26	10♌53	29°43	18°40	29°16	19°51	29°14	2°10	24°51	8°48	17°20	17° 9	27°20	14°35	S 8
S 9	23 43 29	23°56'20	22°54	1♎26	19°55	28°58	20° 3	29°15	2° 8	24°50	8°46	17°10	17° 6	27°26	14°33	S 9
M10	23 47 25	24°55'15	5♍ 6	3° 7	21°10	28°40	20°16	29°17	2° 5	24°50	8°45	16°58	17° 3	27°33	14°30	M10
T 11	23 51 22	25°54'13	17°29	4°47	22°25	28°22	20°28	29°18	2° 3	24°49	8°44	16°44	17° 0	27°40	14°27	T 11
W12	23 55 18	26°53'13	0♎ 5	6°27	23°40	28° 4	20°41	29°20	2° 0	24°49	8°43	16°31	16°57	27°46	14°25	W12
T 13	23 59 15	27°52'15	12°53	8° 5	24°54	27°45	20°53	29°21	1°58	24°48	8°42	16°18	16°53	27°53	14°22	T 13
F 14	0 3 11	28°51'19	25°52	9°43	26° 9	27°27	21° 6	29°23	1°55	24°47	8°41	16° 8	16°50	28° 0	14°19	F 14
S 15	0 7 8	29°50'25	9♏ 3	11°20	27°24	27° 9	21°18	29°25	1°53	24°47	8°40	16° 1	16°47	28° 6	14°17	S 15
S 16	0 11 4	0♎49'33	22°25	12°56	28°39	26°52	21°31	29°27	1°51	24°47	8°39	15°56	16°44	28°13	14°14	S 16
M17	0 15 1	1°48'43	5♐57	14°31	29°54	26°34	21°44	29°29	1°48	24°46	8°37	15°54	16°41	28°20	14°11	M17
T 18	0 18 57	2°47'55	19°40	16° 6	1♎ 9	26°17	21°56	29°31	1°46	24°46	8°36	15°D54	16°38	28°26	14° 8	T 18
W19	0 22 54	3°47'08	3♑35	17°39	2°24	26° 0	22° 9	29°34	1°43	24°45	8°35	15°R54	16°34	28°33	14° 6	W19
T 20	0 26 51	4°46'24	17°41	19°12	3°39	25°44	22°22	29°36	1°41	24°45	8°34	15°53	16°31	28°40	14° 3	T 20
F 21	0 30 47	5°45'41	1♒58	20°44	4°54	25°28	22°35	29°38	1°38	24°45	8°33	15°51	16°28	28°47	14° 0	F 21
S 22	0 34 44	6°44'59	16°24	22°16	6° 9	25°12	22°48	29°41	1°36	24°45	8°32	15°46	16°25	28°53	13°57	S 22
S 23	0 38 40	7°44'20	0♓55	23°46	7°24	24°57	23° 0	29°44	1°34	24°44	8°30	15°39	16°22	29° 0	13°54	S 23
M24	0 42 37	8°43'42	15°25	25°16	8°40	24°43	23°13	29°46	1°31	24°44	8°29	15°29	16°19	29° 7	13°52	M24
T 25	0 46 33	9°43'06	29°47	26°45	9°55	24°29	23°26	29°49	1°29	24°44	8°28	15°18	16°15	29°13	13°49	T 25
W26	0 50 30	10°42'33	13♈55	28°13	11°10	24°15	23°39	29°52	1°26	24°44	8°27	15° 8	16°12	29°20	13°46	W26
T 27	0 54 26	11°42'01	27°45	29°41	12°25	24° 3	23°52	29°55	1°24	24°44	8°26	14°59	16° 9	29°27	13°43	T 27
F 28	0 58 23	12°41'32	11♉12	1♏ 8	13°40	23°50	24° 5	29°58	1°22	24°44	8°25	14°52	16° 6	29°33	13°40	F 28
S 29	1 2 20	13°41'05	24°16	2°34	14°55	23°39	24°18	0♑ 1	1°19	24°D44	8°23	14°48	16° 3	29°40	13°37	S 29
S 30	1 6 16	14♎40'40	6♊57	3♏59	16♎10	23♓28	24♎31	0♑ 4	1♈17	24♑44	8♈22	14♐46	15♐59	29♋47	13♈35	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	5n30	19n18	2n37	6n23	1n30	9n10	1n24	4s17	5s13	6s15	1n 5	22s56	0n35	0n17	0s45	20s58	0n16	12s30	17s29	22s57	22s56	17n44	7n29	1n44
S 2	5 7	21 35	1 36	5 37	1 25	8 42	1 25	4 22	5 12	6 19	1 5	22 56	0 35	0 16	0 45	20 58	0 16	12 31	17 29	22 57	22 56	17 42	7 28	1 44
M 3	4 44	22 46	0 33	4 50	1 21	8 14	1 25	4 27	5 10	6 24	1 5	22 56	0 35	0 15	0 45	20 58	0 16	12 31	17 30	22 56	22 56	17 40	7 27	1 44
T 4	4 21	22 51	0s31	4 3	1 16	7 45	1 25	4 31	5 8	6 29	1 5	22 56	0 35	0 14	0 45	20 58	0 16	12 32	17 30	22 56	22 55	17 38	7 26	1 44
W 5	3 58	21 52	1 33	3 16	1 11	7 16	1 25	4 36	5 5	6 33	1 5	22 57	0 35	0 13	0 45	20 58	0 16	12 32	17 30	22 56	22 55	17 36	7 25	1 44
T 6	3 35	19 56	2 30	2 29	1 5	6 47	1 25	4 41	5 3	6 38	1 5	22 57	0 35	0 12	0 45	20 58	0 16	12 33	17 30	22 56	22 55	17 34	7 24	1 44
F 7	3 12	17 10	3 20	1 42	0 59	6 18	1 25	4 46	5 0	6 43	1 5	22 57	0 34	0 11	0 45	20 58	0 16	12 33	17 30	22 56	22 54	17 32	7 23	1 44
S 8	2 48	13 40	4 3	0 55	0 53	5 48	1 25	4 50	4 58	6 48	1 5	22 57	0 34	0 10	0 45	20 59	0 16	12 34	17 30	22 55	22 54	17 30	7 22	1 44
S 9	2 25	9 36	4 34	0 9	0 47	5 19	1 25	4 55	4 55	6 52	1 5	22 57	0 34	0 9	0 45	20 59	0 16	12 35	17 30	22 54	22 54	17 28	7 21	1 44
M10	2 1	5 7	4 54	0s37	0 41	4 49	1 25	5 0	4 52	6 57	1 4	22 57	0 34	0 8	0 45	20 59	0 16	12 35	17 30	22 53	22 53	17 27	7 20	1 44
T 11	1 38	0 21	5 0	1 23	0 34	4 19	1 25	5 4	4 49	7 2	1 4	22 57	0 34	0 7	0 45	20 59	0 16	12 36	17 30	22 52	22 53	17 25	7 18	1 43
W12	1 15	4s30	4 52	2 9	0 28	3 49	1 24	5 8	4 46	7 7	1 4	22 58	0 34	0 6	0 45	20 59	0 16	12 36	17 31	22 50	22 53	17 23	7 17	1 43
T 13	0 51	9 14	4 29	2 54	0 21	3 19	1 24	5 12	4 42	7 11	1 4	22 58	0 34	0 5	0 45	20 59	0 16	12 37	17 31	22 49	22 53	17 21	7 16	1 43
F 14	0 27	13 38	3 52	3 39	0 14	2 49	1 23	5 16	4 39	7 16	1 4	22 58	0 33	0 4	0 45	20 59	0 16	12 37	17 31	22 48	22 52	17 19	7 15	1 43
S 15	0 4	17 26	3 2	4 23	0 7	2 18	1 23	5 20	4 35	7 21	1 4	22 58	0 33	0 3	0 45	20 59	0 16	12 38	17 31	22 47	22 52	17 17	7 14	1 43
S 16	0s20	20 23	2 1	5 7	0 0	1 48	1 22	5 24	4 31	7 26	1 4	22 58	0 33	0 3	0 45	21 0	0 16	12 38	17 31	22 47	22 52	17 15	7 13	1 43
M17	0 43	22 14	0 53	5 51	0s 7	1 17	1 22	5 27	4 28	7 31	1 4	22 58	0 33	0 2	0 45	21 0	0 16	12 39	17 31	22 47	22 51	17 13	7 12	1 43
T 18	1 7	22 47	0n20	6 34	0 14	0 47	1 21	5 31	4 24	7 36	1 4	22 58	0 33	0 1	0 45	21 0	0 16	12 39	17 31	22 46	22 51	17 11	7 11	1 43
W19	1 31	21 56	1 32	7 16	0 21	0 16	1 20	5 34	4 20	7 40	1 4	22 59	0 33	0s 0	0 45	21 0	0 16	12 39	17 31	22 47	22 51	17 9	7 10	1 43
T 20	1 54	19 42	2 40	7 59	0 28	0s15	1 19	5 36	4 15	7 45	1 4	22 59	0 33	0 1	0 45	21 0	0 15	12 40	17 31	22 46	22 50	17 7	7 8	1 43
F 21	2 18	16 14	3 39	8 40	0 35	0 45	1 19	5 39	4 11	7 50	1 4	22 59	0 33	0 2	0 45	21 0	0 15	12 40	17 31	22 46	22 50	17 5	7 7	1 43
S 22	2 41	11 46	4 24	9 21	0 42	1 16	1 18	5 41	4 7	7 55	1 3	22 59	0 32	0 3	0 45	21 0	0 15	12 41	17 31	22 46	22 50	17 3	7 6	1 43
S 23	3 5	6 37	4 53	10 1	0 49	1 47	1 17	5 43	4 3	8 0	1 3	22 59	0 32	0 4	0 45	21 0	0 15	12 41	17 31	22 45	22 49	17 1	7 5	1 43
M24	3 28	1 7	5 3	10 41	0 56	2 17	1 15	5 45	3 58	8 5	1 3	22 59	0 32	0 5	0 45	21 0	0 15	12 42	17 31	22 44	22 49	16 59	7 4	1 43
T 25	3 52	4n24	4 53	11 20	1 3	2 48	1 14	5 47	3 54	8 9	1 3	22 59	0 32	0 6	0 45	21 0	0 15	12 42	17 31	22 43	22 49	16 57	7 3	1 43
W26	4 15	9 35	4 26	11 58	1 10	3 19	1 13	5 48	3 49	8 14	1 3	23 0	0 32	0 7	0 45	21 0	0 15	12 43	17 31	22 42	22 48	16 55	7 2	1 43
T 27	4 39	14 11	3 43	12 36	1 17	3 49	1 12	5 49	3 45	8 19	1 3	23 0	0 32	0 8	0 45	21 0	0 15	12 43	17 31	22 41	22 48	16 53	7 0	1 43
F 28	5 2	17 55	2 49	13 13	1 24	4 20	1 11	5 49	3 40	8 24	1 3	23 0	0 32	0 9	0 45	21 0	0 15	12 44	17 31	22 40	22 48	16 51	6 59	1 42
S 29	5 25	20 38	1 47	13 49	1 30	4 50	1 9	5 50	3 36	8 29	1 3	23 0	0 32	0 10	0 45	21 0	0 15	12 44	17 31	22 39	22 47	16 49	6 58	1 42
S 30	5s48	22n14	0n42	14s24	1s37	5s20	1n 8	5s50	3s31	8s34	1n 3	23s 0	0n31	0s11	0s45	21s 0	0n15	12s44	17s31	22s39	22s47	16n47	6n57	1n42

Julian Day Number = 2211101.5, Delta T = 09m21s
Ecliptic obliquity = 23°31'28, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°33'28, Lahiri = 14°40'29 Julian Calendar 1 Sept. 1341 == Greg. Calendar 9 Sept. 1341

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ASTRODIENST EPHEMERIS for the year 1341
geocentric

OCTOBER 1341 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	1 10 13	15♎40'17	19♊18	5♏23	17♎25	23°R18	24♎44	0♑ 8	1°R15	24♑44	8°R21	14°D45	15♐56	29♋53	13°R32	M 1
T 2	1 14 9	16°39'57	1♋24	6°47	18°40	23♓ 9	24°57	0°11	1♈12	24°44	8♈20	14♐46	15°53	0♌ 0	13♈29	T 2
W 3	1 18 6	17°39'39	13°20	8° 9	19°56	23° 0	25°10	0°15	1°10	24°44	8°19	14°R47	15°50	0° 7	13°26	W 3
T 4	1 22 2	18°39'23	25°10	9°31	21°11	22°53	25°23	0°18	1° 8	24°44	8°18	14°47	15°47	0°13	13°23	T 4
F 5	1 25 59	19°39'09	7♌ 1	10°51	22°26	22°46	25°36	0°22	1° 5	24°45	8°17	14°45	15°44	0°20	13°21	F 5
S 6	1 29 55	20°38'58	18°56	12°11	23°41	22°39	25°50	0°26	1° 3	24°45	8°15	14°41	15°40	0°27	13°18	S 6
S 7	1 33 52	21°38'49	1♍ 1	13°29	24°56	22°34	26° 3	0°30	1° 1	24°45	8°14	14°35	15°37	0°33	13°15	S 7
M 8	1 37 49	22°38'42	13°19	14°46	26°11	22°29	26°16	0°33	0°59	24°45	8°13	14°27	15°34	0°40	13°12	M 8
T 9	1 41 45	23°38'37	25°52	16° 2	27°27	22°25	26°29	0°37	0°57	24°46	8°12	14°17	15°31	0°47	13° 9	T 9
W10	1 45 42	24°38'35	8♎42	17°16	28°42	22°22	26°42	0°42	0°54	24°46	8°11	14° 8	15°28	0°53	13° 7	W10
T 11	1 49 38	25°38'34	21°49	18°29	29°57	22°20	26°55	0°46	0°52	24°46	8°10	13°59	15°25	1° 0	13° 4	T 11
F 12	1 53 35	26°38'35	5♏11	19°40	1♏12	22°19	27° 8	0°50	0°50	24°47	8° 9	13°52	15°21	1° 7	13° 1	F 12
S 13	1 57 31	27°38'39	18°46	20°49	2°28	22°D18	27°22	0°54	0°48	24°47	8° 8	13°47	15°18	1°14	12°58	S 13
S 14	2 1 28	28°38'44	2♐32	21°56	3°43	22°18	27°35	0°59	0°46	24°48	8° 7	13°45	15°15	1°20	12°56	S 14
M15	2 5 24	29°38'51	16°26	23° 0	4°58	22°19	27°48	1° 3	0°44	24°48	8° 6	13°D44	15°12	1°27	12°53	M15
T 16	2 9 21	0♏38'59	0♑27	24° 2	6°13	22°21	28° 1	1° 8	0°42	24°49	8° 4	13°45	15° 9	1°34	12°50	T 16
W17	2 13 18	1°39'09	14°31	25° 1	7°29	22°24	28°14	1°12	0°40	24°50	8° 3	13°46	15° 5	1°40	12°48	W17
T 18	2 17 14	2°39'21	28°39	25°56	8°44	22°27	28°27	1°17	0°38	24°50	8° 2	13°R47	15° 2	1°47	12°45	T 18
F 19	2 21 11	3°39'34	12♒48	26°48	9°59	22°31	28°41	1°22	0°36	24°51	8° 1	13°47	14°59	1°54	12°42	F 19
S 20	2 25 7	4°39'49	26°58	27°35	11°14	22°36	28°54	1°26	0°34	24°52	8° 0	13°45	14°56	2° 0	12°40	S 20
S 21	2 29 4	5°40'05	11♓ 5	28°18	12°29	22°42	29° 7	1°31	0°32	24°52	7°59	13°41	14°53	2° 7	12°37	S 21
M22	2 33 0	6°40'22	25° 6	28°56	13°45	22°48	29°20	1°36	0°30	24°53	7°58	13°36	14°50	2°14	12°35	M22
T 23	2 36 57	7°40'41	9♈ 0	29°27	15° 0	22°55	29°33	1°41	0°29	24°54	7°57	13°30	14°46	2°20	12°32	T 23
W24	2 40 53	8°41'02	22°42	29°53	16°15	23° 3	29°46	1°46	0°27	24°55	7°56	13°24	14°43	2°27	12°30	W24
T 25	2 44 50	9°41'24	6♉ 9	0♐11	17°30	23°12	29°59	1°52	0°25	24°55	7°55	13°19	14°40	2°34	12°27	T 25
F 26	2 48 46	10°41'48	19°19	0°21	18°46	23°21	0♏12	1°57	0°23	24°56	7°54	13°16	14°37	2°40	12°25	F 26
S 27	2 52 43	11°42'14	2♊12	0°R23	20° 1	23°31	0°25	2° 2	0°22	24°57	7°53	13°13	14°34	2°47	12°22	S 27
S 28	2 56 40	12°42'41	14°47	0°15	21°16	23°41	0°38	2° 7	0°20	24°58	7°53	13°D13	14°30	2°54	12°20	S 28
M29	3 0 36	13°43'11	27° 5	29♏58	22°31	23°53	0°51	2°13	0°19	24°59	7°52	13°14	14°27	3° 1	12°18	M29
T 30	3 4 33	14°43'42	9♋11	29°30	23°47	24° 5	1° 4	2°18	0°17	25° 0	7°51	13°15	14°24	3° 7	12°15	T 30
W31	3 8 29	15♏44'15	21♋ 7	28♏52	25♏ 2	24♓17	1♏17	2♑24	0♈16	25♑ 1	7♈50	13♐17	14♐21	3♌14	12♈13	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	6s11	22n41	0s24	14s59	1s43	5s50	1n 6	5s50	3s27	8s38	1n 3	23s 0	0n31	0s12	0s45	21s 0	0n15	12s45	17s31	22s39	22s47	16n45	6n56	1n42
T 2	6 34	22 3	1 28	15 33	1 49	6 20	1 5	5 49	3 22	8 43	1 3	23 0	0 31	0 13	0 45	21 0	0 15	12 45	17 31	22 39	22 46	16 43	6 54	1 42
W 3	6 57	20 25	2 27	16 5	1 55	6 50	1 3	5 48	3 17	8 48	1 3	23 0	0 31	0 14	0 45	21 0	0 15	12 46	17 31	22 39	22 46	16 41	6 53	1 42
T 4	7 20	17 55	3 19	16 37	2 1	7 20	1 2	5 47	3 13	8 53	1 3	23 1	0 31	0 14	0 45	21 0	0 15	12 46	17 31	22 39	22 46	16 39	6 52	1 42
F 5	7 43	14 40	4 3	17 8	2 7	7 50	1 0	5 46	3 8	8 58	1 3	23 1	0 31	0 15	0 45	21 0	0 15	12 46	17 31	22 39	22 45	16 37	6 51	1 42
S 6	8 6	10 49	4 36	17 38	2 12	8 19	0 58	5 44	3 3	9 3	1 3	23 1	0 31	0 16	0 45	21 0	0 15	12 47	17 30	22 38	22 45	16 35	6 50	1 42
S 7	8 28	6 30	4 58	18 8	2 17	8 49	0 57	5 42	2 59	9 7	1 3	23 1	0 31	0 17	0 45	21 0	0 15	12 47	17 30	22 38	22 45	16 33	6 49	1 42
M 8	8 50	1 52	5 6	18 35	2 22	9 18	0 55	5 39	2 54	9 12	1 2	23 1	0 30	0 18	0 45	21 0	0 15	12 47	17 30	22 37	22 44	16 31	6 47	1 42
T 9	9 13	2s57	5 0	19 2	2 27	9 47	0 53	5 37	2 50	9 17	1 2	23 1	0 30	0 19	0 45	21 0	0 15	12 48	17 30	22 36	22 44	16 29	6 46	1 42
W10	9 35	7 44	4 39	19 28	2 31	10 15	0 51	5 34	2 45	9 22	1 2	23 1	0 30	0 20	0 45	21 0	0 15	12 48	17 30	22 35	22 44	16 27	6 45	1 41
T 11	9 57	12 17	4 3	19 52	2 35	10 44	0 49	5 31	2 41	9 27	1 2	23 1	0 30	0 20	0 45	21 0	0 15	12 48	17 30	22 34	22 43	16 25	6 44	1 41
F 12	10 19	16 19	3 13	20 16	2 39	11 12	0 47	5 27	2 36	9 31	1 2	23 1	0 30	0 21	0 45	21 0	0 15	12 49	17 30	22 33	22 43	16 23	6 43	1 41
S 13	10 40	19 34	2 11	20 38	2 42	11 40	0 45	5 23	2 32	9 36	1 2	23 1	0 30	0 22	0 45	21 0	0 15	12 49	17 30	22 32	22 43	16 21	6 42	1 41
S 14	11 2	21 44	1 0	20 58	2 45	12 7	0 43	5 19	2 28	9 41	1 2	23 1	0 30	0 23	0 45	21 0	0 15	12 49	17 30	22 32	22 42	16 19	6 40	1 41
M15	11 23	22 35	0n15	21 17	2 47	12 35	0 41	5 15	2 23	9 46	1 2	23 2	0 30	0 24	0 45	21 0	0 15	12 50	17 29	22 32	22 42	16 17	6 39	1 41
T 16	11 44	22 2	1 29	21 34	2 49	13 2	0 39	5 10	2 19	9 50	1 2	23 2	0 30	0 25	0 45	21 0	0 15	12 50	17 29	22 32	22 42	16 15	6 38	1 41
W17	12 5	20 6	2 39	21 50	2 50	13 28	0 37	5 5	2 15	9 55	1 2	23 2	0 29	0 25	0 45	21 0	0 15	12 50	17 29	22 32	22 41	16 12	6 37	1 41
T 18	12 26	16 55	3 39	22 4	2 50	13 55	0 35	5 0	2 11	10 0	1 2	23 2	0 29	0 26	0 45	21 0	0 15	12 50	17 29	22 32	22 41	16 10	6 36	1 41
F 19	12 47	12 46	4 27	22 16	2 50	14 21	0 33	4 55	2 6	10 4	1 2	23 2	0 29	0 27	0 45	20 59	0 15	12 51	17 29	22 32	22 41	16 8	6 35	1 41
S 20	13 7	7 54	4 57	22 26	2 49	14 46	0 30	4 49	2 2	10 9	1 2	23 2	0 29	0 28	0 45	20 59	0 15	12 51	17 29	22 32	22 40	16 6	6 34	1 40
S 21	13 27	2 39	5 10	22 34	2 47	15 12	0 28	4 43	1 58	10 14	1 2	23 2	0 29	0 28	0 45	20 59	0 15	12 51	17 28	22 31	22 40	16 4	6 32	1 40
M22	13 47	2n42	5 4	22 40	2 44	15 37	0 26	4 37	1 54	10 18	1 2	23 2	0 29	0 29	0 45	20 59	0 15	12 51	17 28	22 31	22 39	16 2	6 31	1 40
T 23	14 7	7 53	4 41	22 43	2 40	16 1	0 24	4 31	1 51	10 23	1 2	23 2	0 29	0 30	0 45	20 59	0 15	12 51	17 28	22 30	22 39	16 0	6 30	1 40
W24	14 27	12 35	4 1	22 43	2 35	16 25	0 21	4 24	1 47	10 28	1 2	23 2	0 29	0 30	0 45	20 59	0 15	12 52	17 28	22 29	22 39	15 58	6 29	1 40
T 25	14 46	16 35	3 9	22 41	2 29	16 49	0 19	4 17	1 43	10 32	1 2	23 2	0 29	0 31	0 45	20 59	0 15	12 52	17 28	22 29	22 38	15 56	6 28	1 40
F 26	15 5	19 39	2 7	22 36	2 21	17 12	0 17	4 10	1 39	10 37	1 2	23 2	0 28	0 32	0 45	20 59	0 15	12 52	17 28	22 28	22 38	15 54	6 27	1 40
S 27	15 24	21 39	1 0	22 27	2 12	17 35	0 14	4 3	1 36	10 42	1 2	23 2	0 28	0 32	0 45	20 58	0 15	12 52	17 27	22 28	22 38	15 52	6 26	1 40
S 28	15 42	22 31	0s 9	22 15	2 2	17 57	0 12	3 55	1 32	10 46	1 2	23 2	0 28	0 33	0 45	20 58	0 15	12 52	17 27	22 28	22 37	15 50	6 25	1 39
M29	16 1	22 14	1 15	22 0	1 50	18 19	0 9	3 48	1 28	10 51	1 2	23 2	0 28	0 33	0 45	20 58	0 15	12 53	17 27	22 28	22 37	15 48	6 24	1 39
T 30	16 19	20 55	2 18	21 40	1 36	18 40	0 7	3 40	1 25	10 55	1 2	23 2	0 28	0 34	0 45	20 58	0 15	12 53	17 27	22 28	22 37	15 46	6 23	1 39
W31	16s37	18n41	3s13	21s17	1s20	19s 1	0n 5	3s31	1s22	11s 0	1n 2	23s 2	0n28	0s35	0s45	20s58	0n15	12s53	17s26	22s28	22s36	15n44	6n22	1n39

Julian Day Number = 2211131.5, Delta T = 09m21s
Ecliptic obliquity = 23°31'27, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°33'33, Lahiri = 14°40'33 Julian Calendar 1 Oct. 1341 == Greg. Calendar 9 Oct. 1341

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1341
geocentric

NOVEMBER 1341 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	3 12 26	16♏44'49	2♌58	28°R 4	26♏17	24♓30	1♏30	2♑29	0°R14	25♑ 2	7°R49	13♐19	14♐18	3♌21	12°R11	T 1
F 2	3 16 22	17°45'26	14°49	27♏ 5	27°32	24°44	1°43	2°35	0♈13	25° 4	7♈48	13°R19	14°15	3°27	12♈ 9	F 2
S 3	3 20 19	18°46'04	26°44	25°59	28°48	24°58	1°56	2°41	0°11	25° 5	7°47	13°19	14°11	3°34	12° 7	S 3
S 4	3 24 16	19°46'43	8♍49	24°45	0♐ 3	25°13	2° 9	2°46	0°10	25° 6	7°46	13°18	14° 8	3°41	12° 4	S 4
M 5	3 28 12	20°47'25	21° 8	23°26	1°18	25°29	2°22	2°52	0° 9	25° 7	7°46	13°15	14° 5	3°47	12° 2	M 5
T 6	3 32 9	21°48'08	3♎45	22° 4	2°33	25°45	2°35	2°58	0° 7	25° 8	7°45	13°12	14° 2	3°54	12° 0	T 6
W 7	3 36 5	22°48'53	16°42	20°42	3°49	26° 1	2°47	3° 4	0° 6	25°10	7°44	13° 9	13°59	4° 1	11°58	W 7
T 8	3 40 2	23°49'39	0♏ 1	19°24	5° 4	26°18	3° 0	3°10	0° 5	25°11	7°43	13° 6	13°56	4° 7	11°56	T 8
F 9	3 43 58	24°50'27	13°40	18°10	6°19	26°36	3°13	3°16	0° 4	25°12	7°43	13° 4	13°52	4°14	11°55	F 9
S 10	3 47 55	25°51'16	27°38	17° 4	7°35	26°54	3°26	3°22	0° 3	25°14	7°42	13° 2	13°49	4°21	11°53	S 10
S 11	3 51 51	26°52'06	11♐51	16° 8	8°50	27°13	3°38	3°28	0° 2	25°15	7°41	13°D 2	13°46	4°28	11°51	S 11
M12	3 55 48	27°52'58	26°14	15°22	10° 5	27°32	3°51	3°34	0° 1	25°16	7°40	13° 2	13°43	4°34	11°49	M12
T 13	3 59 45	28°53'51	10♑42	14°48	11°20	27°51	4° 3	3°40	29♓59	25°18	7°40	13° 3	13°40	4°41	11°47	T 13
W14	4 3 41	29°54'45	25° 9	14°25	12°36	28°12	4°16	3°47	29°59	25°19	7°39	13° 4	13°36	4°48	11°46	W14
T 15	4 7 38	0♐55'39	9♒32	14°14	13°51	28°32	4°28	3°53	29°58	25°21	7°39	13° 5	13°33	4°54	11°44	T 15
F 16	4 11 34	1°56'34	23°48	14°D13	15° 6	28°53	4°41	3°59	29°57	25°22	7°38	13° 5	13°30	5° 1	11°42	F 16
S 17	4 15 31	2°57'30	7♓53	14°23	16°21	29°15	4°53	4° 6	29°57	25°24	7°37	13°R 6	13°27	5° 8	11°41	S 17
S 18	4 19 27	3°58'27	21°47	14°42	17°37	29°36	5° 6	4°12	29°56	25°25	7°37	13° 5	13°24	5°14	11°39	S 18
M19	4 23 24	4°59'24	5♈28	15° 9	18°52	29°59	5°18	4°19	29°55	25°27	7°36	13° 4	13°21	5°21	11°38	M19
T 20	4 27 20	6° 0'22	18°56	15°45	20° 7	0♈21	5°30	4°25	29°55	25°29	7°36	13° 3	13°17	5°28	11°37	T 20
W21	4 31 17	7° 1'21	2♉10	16°27	21°22	0°44	5°42	4°32	29°54	25°30	7°35	13° 3	13°14	5°34	11°35	W21
T 22	4 35 14	8° 2'21	15°12	17°15	22°37	1° 8	5°55	4°38	29°54	25°32	7°35	13° 2	13°11	5°41	11°34	T 22
F 23	4 39 10	9° 3'21	28° 0	18° 9	23°53	1°31	6° 7	4°45	29°53	25°34	7°34	13° 1	13° 8	5°48	11°33	F 23
S 24	4 43 7	10° 4'22	10♊34	19° 7	25° 8	1°56	6°19	4°51	29°53	25°35	7°34	13°D 1	13° 5	5°55	11°32	S 24
S 25	4 47 3	11° 5'24	22°57	20°10	26°23	2°20	6°31	4°58	29°53	25°37	7°33	13° 1	13° 2	6° 1	11°31	S 25
M26	4 51 0	12° 6'27	5♋ 8	21°16	27°38	2°45	6°43	5° 5	29°52	25°39	7°33	13° 1	12°58	6° 8	11°29	M26
T 27	4 54 56	13° 7'31	17°10	22°25	28°53	3°10	6°54	5°11	29°52	25°40	7°32	13°R 2	12°55	6°15	11°28	T 27
W28	4 58 53	14° 8'35	29° 5	23°37	0♑ 8	3°35	7° 6	5°18	29°52	25°42	7°32	13° 1	12°52	6°21	11°27	W28
T 29	5 2 49	15° 9'41	10♌56	24°52	1°24	4° 1	7°18	5°25	29°52	25°44	7°32	13° 1	12°49	6°28	11°27	T 29
F 30	5 6 46	16♐10'47	22♌47	26♏ 8	2♑39	4♈27	7♏30	5♑32	29♓52	25♑46	7♈31	13♐ 1	12♐46	6♌35	11♈26	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	16s54	15n40	4s 0	20s50	1s 3	19s21	0n 2	3s23	1s18	11s 4	1n 2	23s 2	0n28	0s35	0s45	20s58	0n15	12s53	17s26	22s29	22s36	15n41	6n21	1n39
F 2	17 11	12 2	4 37	20 18	0 45	19 41	0s 0	3 15	1 15	11 9	1 2	23 2	0 28	0 36	0 44	20 57	0 15	12 53	17 26	22 29	22 35	15 39	6 20	1 39
S 3	17 28	7 55	5 2	19 44	0 26	20 0	0 3	3 6	1 12	11 13	1 2	23 2	0 28	0 36	0 44	20 57	0 15	12 53	17 26	22 29	22 35	15 37	6 19	1 39
S 4	17 45	3 26	5 14	19 7	0 5	20 19	0 5	2 57	1 8	11 18	1 2	23 2	0 27	0 37	0 44	20 57	0 15	12 53	17 25	22 29	22 35	15 35	6 18	1 39
M 5	18 1	1s15	5 12	18 27	0n15	20 37	0 8	2 48	1 5	11 22	1 2	23 2	0 27	0 37	0 44	20 57	0 15	12 53	17 25	22 28	22 34	15 33	6 17	1 38
T 6	18 17	6 0	4 55	17 46	0 36	20 55	0 10	2 39	1 2	11 26	1 2	23 2	0 27	0 38	0 44	20 57	0 15	12 53	17 25	22 28	22 34	15 31	6 16	1 38
W 7	18 32	10 38	4 23	17 6	0 56	21 11	0 12	2 30	0 59	11 31	1 2	23 2	0 27	0 38	0 44	20 56	0 15	12 53	17 25	22 27	22 34	15 29	6 15	1 38
T 8	18 48	14 53	3 36	16 27	1 14	21 28	0 15	2 20	0 56	11 35	1 2	23 2	0 27	0 39	0 44	20 56	0 15	12 54	17 24	22 27	22 33	15 27	6 14	1 38
F 9	19 3	18 28	2 35	15 50	1 32	21 43	0 17	2 10	0 53	11 39	1 2	23 2	0 27	0 39	0 44	20 56	0 15	12 54	17 24	22 27	22 33	15 25	6 14	1 38
S 10	19 17	21 4	1 24	15 17	1 47	21 58	0 20	2 0	0 50	11 44	1 2	23 2	0 27	0 39	0 44	20 56	0 14	12 54	17 24	22 27	22 32	15 23	6 13	1 38
S 11	19 32	22 24	0 7	14 48	2 1	22 13	0 22	1 50	0 48	11 48	1 2	23 2	0 27	0 40	0 44	20 55	0 14	12 54	17 24	22 27	22 32	15 20	6 12	1 38
M12	19 45	22 16	1n12	14 23	2 12	22 27	0 25	1 40	0 45	11 52	1 2	23 2	0 27	0 40	0 44	20 55	0 14	12 54	17 23	22 27	22 32	15 18	6 11	1 37
T 13	19 59	20 39	2 27	14 5	2 22	22 40	0 27	1 30	0 42	11 56	1 2	23 2	0 27	0 40	0 44	20 55	0 14	12 54	17 23	22 27	22 31	15 16	6 10	1 37
W14	20 12	17 41	3 33	13 51	2 29	22 52	0 29	1 20	0 40	12 1	1 2	23 2	0 26	0 41	0 44	20 55	0 14	12 54	17 23	22 27	22 31	15 14	6 9	1 37
T 15	20 25	13 41	4 24	13 43	2 34	23 4	0 32	1 9	0 37	12 5	1 2	23 2	0 26	0 41	0 44	20 54	0 14	12 54	17 22	22 27	22 30	15 12	6 9	1 37
F 16	20 37	8 55	4 59	13 39	2 37	23 15	0 34	0 58	0 34	12 9	1 2	23 2	0 26	0 41	0 44	20 54	0 14	12 53	17 22	22 27	22 30	15 10	6 8	1 37
S 17	20 49	3 46	5 16	13 40	2 39	23 25	0 36	0 47	0 32	12 13	1 2	23 1	0 26	0 42	0 44	20 54	0 14	12 53	17 22	22 27	22 30	15 8	6 7	1 37
S 18	21 1	1n31	5 13	13 46	2 39	23 35	0 39	0 36	0 29	12 17	1 2	23 1	0 26	0 42	0 44	20 54	0 14	12 53	17 21	22 27	22 29	15 6	6 6	1 37
M19	21 12	6 40	4 53	13 55	2 38	23 44	0 41	0 25	0 27	12 21	1 2	23 1	0 26	0 42	0 44	20 53	0 14	12 53	17 21	22 27	22 29	15 4	6 6	1 36
T 20	21 23	11 24	4 17	14 7	2 36	23 52	0 43	0 14	0 25	12 25	1 2	23 1	0 26	0 42	0 44	20 53	0 14	12 53	17 21	22 27	22 28	15 1	6 5	1 36
W21	21 34	15 31	3 28	14 22	2 33	24 0	0 45	0 3	0 22	12 29	1 2	23 1	0 26	0 42	0 44	20 53	0 14	12 53	17 20	22 27	22 28	14 59	6 4	1 36
T 22	21 44	18 49	2 28	14 40	2 29	24 7	0 48	0n 9	0 20	12 33	1 3	23 1	0 26	0 43	0 44	20 53	0 14	12 53	17 20	22 27	22 28	14 57	6 4	1 36
F 23	21 53	21 7	1 23	14 59	2 25	24 13	0 50	0 20	0 18	12 37	1 3	23 1	0 26	0 43	0 44	20 52	0 14	12 53	17 20	22 26	22 27	14 55	6 3	1 36
S 24	22 2	22 20	0 14	15 20	2 19	24 18	0 52	0 32	0 16	12 41	1 3	23 1	0 26	0 43	0 44	20 52	0 14	12 53	17 19	22 26	22 27	14 53	6 2	1 36
S 25	22 11	22 25	0s55	15 42	2 13	24 23	0 54	0 43	0 14	12 45	1 3	23 0	0 25	0 43	0 44	20 52	0 14	12 53	17 19	22 26	22 27	14 51	6 2	1 36
M26	22 19	21 26	2 0	16 6	2 7	24 26	0 56	0 55	0 12	12 49	1 3	23 0	0 25	0 43	0 44	20 51	0 14	12 52	17 19	22 26	22 26	14 49	6 1	1 35
T 27	22 27	19 28	2 59	16 30	2 1	24 29	0 58	1 7	0 10	12 53	1 3	23 0	0 25	0 43	0 44	20 51	0 14	12 52	17 18	22 26	22 26	14 46	6 1	1 35
W28	22 35	16 41	3 49	16 55	1 54	24 32	1 0	1 19	0 8	12 57	1 3	23 0	0 25	0 43	0 44	20 51	0 14	12 52	17 18	22 26	22 25	14 44	6 0	1 35
T 29	22 42	13 14	4 29	17 20	1 46	24 33	1 2	1 31	0 6	13 0	1 3	23 0	0 25	0 43	0 43	20 50	0 14	12 52	17 18	22 26	22 25	14 42	6 0	1 35
F 30	22s48	9n16	4s58	17s45	1n39	24s34	1s 4	1n43	0s 4	13s 4	1n 3	22s59	0n25	0s43	0s43	20s50	0n14	12s52	17s17	22s26	22s24	14n40	5n59	1n35

Julian Day Number = 2211162.5, Delta T = 09m21s
Ecliptic obliquity = 23°31'27, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°33'37, Lahiri = 14°40'37 Julian Calendar 1 Nov. 1341 == Greg. Calendar 9 Nov. 1341

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ASTRODIENST EPHEMERIS for the year 1341
geocentric

DECEMBER 1341 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	5 10 43	17♐11'54	4♍41	27♏26	3♑54	4♈54	7♏41	5♑38	29°D52	25♑48	7°R31	13°R 1	12♐42	6♌41	11°R25	S 1
S 2	5 14 39	18°13'01	16°44	28°46	5° 9	5°20	7°53	5°45	29♓52	25°50	7♈31	13°D 0	12°39	6°48	11♈24	S 2
M 3	5 18 36	19°14'10	28°59	0♐ 7	6°24	5°47	8° 4	5°52	29°52	25°52	7°31	13♐ 1	12°36	6°55	11°23	M 3
T 4	5 22 32	20°15'19	11♎32	1°30	7°39	6°14	8°16	5°59	29°52	25°54	7°30	13° 1	12°33	7° 2	11°23	T 4
W 5	5 26 29	21°16'29	24°26	2°53	8°54	6°42	8°27	6° 6	29°52	25°55	7°30	13° 2	12°30	7° 8	11°22	W 5
T 6	5 30 25	22°17'40	7♏45	4°18	10°10	7°10	8°38	6°13	29°52	25°57	7°30	13° 3	12°27	7°15	11°22	T 6
F 7	5 34 22	23°18'51	21°29	5°43	11°25	7°38	8°49	6°20	29°52	25°59	7°30	13° 3	12°23	7°22	11°21	F 7
S 8	5 38 18	24°20'02	5♐39	7° 9	12°40	8° 6	9° 0	6°27	29°53	26° 1	7°30	13° 4	12°20	7°28	11°21	S 8
S 9	5 42 15	25°21'15	20°10	8°36	13°55	8°34	9°11	6°34	29°53	26° 3	7°29	13°R 4	12°17	7°35	11°21	S 9
M10	5 46 12	26°22'27	4♑57	10° 4	15°10	9° 3	9°22	6°41	29°54	26° 5	7°29	13° 3	12°14	7°42	11°20	M10
T 11	5 50 8	27°23'40	19°53	11°32	16°25	9°32	9°33	6°48	29°54	26° 7	7°29	13° 2	12°11	7°48	11°20	T 11
W12	5 54 5	28°24'52	4♒49	13° 0	17°40	10° 1	9°44	6°55	29°55	26°10	7°29	13° 0	12° 8	7°55	11°20	W12
T 13	5 58 1	29°26'05	19°38	14°29	18°55	10°31	9°55	7° 2	29°55	26°12	7°29	12°58	12° 4	8° 2	11°20	T 13
F 14	6 1 58	0♑27'17	4♓12	15°59	20°10	11° 0	10° 5	7° 9	29°56	26°14	7°D29	12°56	12° 1	8° 9	11°D20	F 14
S 15	6 5 54	1°28'29	18°27	17°28	21°25	11°30	10°16	7°16	29°57	26°16	7°29	12°55	11°58	8°15	11°20	S 15
S 16	6 9 51	2°29'41	2♈21	18°59	22°40	12° 0	10°26	7°23	29°57	26°18	7°29	12°D54	11°55	8°22	11°20	S 16
M17	6 13 47	3°30'52	15°54	20°30	23°55	12°31	10°36	7°30	29°58	26°20	7°29	12°55	11°52	8°29	11°20	M17
T 18	6 17 44	4°32'03	29° 7	22° 1	25°10	13° 1	10°47	7°37	29°59	26°22	7°29	12°56	11°48	8°35	11°20	T 18
W19	6 21 41	5°33'13	12♉ 3	23°32	26°25	13°32	10°57	7°44	29°59	26°24	7°30	12°57	11°45	8°42	11°20	W19
T 20	6 25 37	6°34'24	24°43	25° 4	27°40	14° 2	11° 7	7°51	0♈ 1	26°27	7°30	12°59	11°42	8°49	11°21	T 20
F 21	6 29 34	7°35'34	7♊11	26°37	28°55	14°33	11°17	7°58	0° 2	26°29	7°30	13°R 0	11°39	8°55	11°21	F 21
S 22	6 33 30	8°36'43	19°28	28°10	0♒10	15° 5	11°26	8° 5	0° 3	26°31	7°30	13° 0	11°36	9° 2	11°21	S 22
S 23	6 37 27	9°37'53	1♋37	29°43	1°25	15°36	11°36	8°12	0° 4	26°33	7°30	12°59	11°33	9° 9	11°22	S 23
M24	6 41 23	10°39'01	13°39	1♑17	2°40	16° 7	11°46	8°20	0° 5	26°35	7°30	12°56	11°29	9°16	11°22	M24
T 25	6 45 20	11°40'10	25°35	2°51	3°55	16°39	11°55	8°27	0° 6	26°37	7°31	12°51	11°26	9°22	11°23	T 25
W26	6 49 17	12°41'18	7♌28	4°25	5° 9	17°11	12° 5	8°34	0° 8	26°40	7°31	12°46	11°23	9°29	11°24	W26
T 27	6 53 13	13°42'26	19°19	6° 0	6°24	17°43	12°14	8°41	0° 9	26°42	7°31	12°40	11°20	9°36	11°24	T 27
F 28	6 57 10	14°43'33	1♍10	7°36	7°39	18°15	12°23	8°48	0°10	26°44	7°31	12°34	11°17	9°42	11°25	F 28
S 29	7 1 6	15°44'41	13° 5	9°12	8°54	18°47	12°32	8°55	0°12	26°46	7°32	12°29	11°14	9°49	11°26	S 29
S 30	7 5 3	16°45'48	25° 7	10°48	10° 8	19°19	12°41	9° 2	0°13	26°49	7°32	12°25	11°10	9°56	11°27	S 30
M31	7 8 59	17♑46'54	7♎19	12♑25	11♒23	19♈52	12♏50	9♑ 9	0♈15	26♑51	7♈33	12♐23	11♐ 7	10♌ 2	11♈28	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22s54	4n57	5s14	18s10	1n32	24s34	1s 6	1n55	0s 2	13s 8	1n 3	22s59	0n25	0s43	0s43	20s50	0n14	12s52	17s17	22s26	22s24	14n38	5n59	1n35
S 2	23 0	0 24	5 17	18 35	1 24	24 33	1 8	2 8	0n 0	13 11	1 3	22 59	0 25	0 43	0 43	20 49	0 14	12 51	17 17	22 26	22 24	14 36	5 58	1 34
M 3	23 5	4s16	5 5	19 0	1 16	24 32	1 10	2 20	0 2	13 15	1 3	22 59	0 25	0 43	0 43	20 49	0 14	12 51	17 16	22 26	22 23	14 34	5 58	1 34
T 4	23 10	8 51	4 39	19 25	1 9	24 29	1 11	2 33	0 4	13 19	1 3	22 59	0 25	0 43	0 43	20 49	0 14	12 51	17 16	22 26	22 23	14 31	5 58	1 34
W 5	23 14	13 12	3 58	19 49	1 1	24 26	1 13	2 45	0 5	13 22	1 3	22 58	0 25	0 43	0 43	20 48	0 14	12 51	17 16	22 27	22 22	14 29	5 57	1 34
T 6	23 18	17 2	3 4	20 13	0 53	24 23	1 15	2 58	0 7	13 26	1 3	22 58	0 25	0 43	0 43	20 48	0 14	12 50	17 15	22 27	22 22	14 27	5 57	1 34
F 7	23 21	20 5	1 57	20 36	0 45	24 18	1 16	3 10	0 9	13 29	1 3	22 58	0 24	0 43	0 43	20 48	0 14	12 50	17 15	22 27	22 22	14 25	5 57	1 34
S 8	23 24	22 0	0 41	20 58	0 38	24 13	1 18	3 23	0 10	13 33	1 4	22 58	0 24	0 42	0 43	20 47	0 14	12 50	17 15	22 27	22 21	14 23	5 56	1 33
S 9	23 27	22 30	0n39	21 19	0 30	24 7	1 20	3 36	0 12	13 36	1 4	22 57	0 24	0 42	0 43	20 47	0 14	12 50	17 14	22 27	22 21	14 21	5 56	1 33
M10	23 28	21 28	1 58	21 40	0 22	24 0	1 21	3 49	0 14	13 40	1 4	22 57	0 24	0 42	0 43	20 47	0 14	12 49	17 14	22 27	22 20	14 18	5 56	1 33
T 11	23 30	18 55	3 10	22 0	0 15	23 52	1 22	4 1	0 15	13 43	1 4	22 57	0 24	0 42	0 43	20 46	0 14	12 49	17 13	22 27	22 20	14 16	5 55	1 33
W12	23 31	15 6	4 9	22 19	0 7	23 44	1 24	4 14	0 17	13 46	1 4	22 56	0 24	0 42	0 43	20 46	0 14	12 49	17 13	22 26	22 20	14 14	5 55	1 33
T 13	23 31	10 23	4 50	22 37	0s 0	23 35	1 25	4 27	0 18	13 50	1 4	22 56	0 24	0 41	0 43	20 45	0 14	12 48	17 13	22 26	22 19	14 12	5 55	1 33
F 14	23 31	5 9	5 12	22 54	0 7	23 26	1 26	4 40	0 20	13 53	1 4	22 56	0 24	0 41	0 43	20 45	0 14	12 48	17 12	22 26	22 19	14 10	5 55	1 33
S 15	23 31	0n14	5 14	23 10	0 14	23 15	1 27	4 53	0 21	13 56	1 4	22 56	0 24	0 41	0 43	20 45	0 14	12 48	17 12	22 26	22 18	14 8	5 55	1 32
S 16	23 30	5 29	4 58	23 25	0 21	23 4	1 29	5 6	0 22	13 59	1 4	22 55	0 24	0 40	0 43	20 44	0 14	12 47	17 12	22 26	22 18	14 5	5 55	1 32
M17	23 29	10 21	4 25	23 39	0 28	22 52	1 30	5 19	0 24	14 2	1 4	22 55	0 24	0 40	0 43	20 44	0 14	12 47	17 11	22 26	22 17	14 3	5 55	1 32
T 18	23 27	14 36	3 39	23 52	0 35	22 40	1 31	5 33	0 25	14 5	1 4	22 55	0 24	0 40	0 43	20 44	0 14	12 47	17 11	22 26	22 17	14 1	5 54	1 32
W19	23 24	18 5	2 42	24 3	0 41	22 26	1 32	5 46	0 26	14 9	1 4	22 54	0 24	0 39	0 43	20 43	0 14	12 46	17 11	22 26	22 17	13 59	5 54	1 32
T 20	23 22	20 37	1 39	24 13	0 48	22 13	1 32	5 59	0 28	14 12	1 5	22 54	0 24	0 39	0 43	20 43	0 14	12 46	17 10	22 26	22 16	13 57	5 54	1 32
F 21	23 18	22 7	0 32	24 23	0 54	21 58	1 33	6 12	0 29	14 15	1 5	22 54	0 23	0 38	0 43	20 42	0 14	12 45	17 10	22 26	22 16	13 54	5 54	1 31
S 22	23 15	22 31	0s36	24 30	1 0	21 43	1 34	6 25	0 30	14 17	1 5	22 53	0 23	0 38	0 43	20 42	0 14	12 45	17 9	22 26	22 15	13 52	5 54	1 31
S 23	23 10	21 50	1 41	24 37	1 5	21 27	1 35	6 39	0 31	14 20	1 5	22 53	0 23	0 37	0 43	20 42	0 14	12 45	17 9	22 26	22 15	13 50	5 54	1 31
M24	23 6	20 10	2 40	24 42	1 11	21 11	1 35	6 52	0 33	14 23	1 5	22 52	0 23	0 37	0 42	20 41	0 14	12 44	17 9	22 26	22 14	13 48	5 54	1 31
T 25	23 1	17 37	3 32	24 46	1 16	20 54	1 36	7 5	0 34	14 26	1 5	22 52	0 23	0 36	0 42	20 41	0 14	12 44	17 8	22 25	22 14	13 46	5 55	1 31
W26	22 55	14 21	4 15	24 48	1 21	20 36	1 36	7 18	0 35	14 29	1 5	22 52	0 23	0 36	0 42	20 40	0 14	12 43	17 8	22 25	22 14	13 44	5 55	1 31
T 27	22 49	10 33	4 46	24 50	1 26	20 18	1 37	7 32	0 36	14 32	1 5	22 51	0 23	0 35	0 42	20 40	0 14	12 43	17 8	22 24	22 13	13 41	5 55	1 30
F 28	22 42	6 20	5 6	24 49	1 31	19 59	1 37	7 45	0 37	14 34	1 5	22 51	0 23	0 35	0 42	20 39	0 14	12 42	17 7	22 23	22 13	13 39	5 55	1 30
S 29	22 35	1 52	5 12	24 47	1 35	19 40	1 37	7 58	0 38	14 37	1 5	22 51	0 23	0 34	0 42	20 39	0 14	12 42	17 7	22 22	22 12	13 37	5 55	1 30
S 30	22 28	2s42	5 4	24 44	1 40	19 20	1 37	8 12	0 39	14 39	1 6	22 50	0 23	0 33	0 42	20 39	0 14	12 41	17 7	22 22	22 12	13 35	5 55	1 30
M31	22s20	7s14	4s43	24s39	1s43	18s59	1s38	8n25	0n40	14s42	1n 6	22s50	0n23	0s33	0s42	20s38	0n14	12s41	17s 6	22s22	22s11	13n33	5n56	1n30

Julian Day Number = 2211192.5, Delta T = 09m21s
Ecliptic obliquity = 23°31'26, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°33'41, Lahiri = 14°40'41 Julian Calendar 1 Dec. 1341 == Greg. Calendar 9 Dec. 1341

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ASTRODIENST EPHEMERIS for the year 1342
geocentric

JANUARY 1342 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	7 12 56	18♉48'00	19♎46	14♉ 3	12♒38	20♈24	12♏59	9♉16	0♈16	26♉53	7♈33	12°D23	11♐ 4	10♌ 9	11♈29	T 1
W 2	7 16 52	19°49'06	2♏33	15°41	13°53	20°57	13° 7	9°23	0°18	26°55	7°33	12♐23	11° 1	10°16	11°30	W 2
T 3	7 20 49	20°50'12	15°44	17°20	15° 7	21°30	13°16	9°30	0°19	26°58	7°34	12°25	10°58	10°23	11°31	T 3
F 4	7 24 46	21°51'17	29°21	18°59	16°22	22° 3	13°24	9°37	0°21	27° 0	7°34	12°26	10°54	10°29	11°32	F 4
S 5	7 28 42	22°52'22	13♐26	20°39	17°37	22°36	13°32	9°44	0°23	27° 2	7°35	12°R27	10°51	10°36	11°33	S 5
S 6	7 32 39	23°53'26	27°59	22°19	18°51	23° 9	13°40	9°51	0°25	27° 5	7°35	12°26	10°48	10°43	11°35	S 6
M 7	7 36 35	24°54'29	12♑54	24° 0	20° 6	23°43	13°48	9°58	0°26	27° 7	7°36	12°23	10°45	10°49	11°36	M 7
T 8	7 40 32	25°55'32	28° 6	25°42	21°20	24°16	13°56	10° 5	0°28	27° 9	7°36	12°18	10°42	10°56	11°37	T 8
W 9	7 44 28	26°56'34	13♒22	27°24	22°35	24°50	14° 4	10°12	0°30	27°11	7°37	12°11	10°39	11° 3	11°39	W 9
T 10	7 48 25	27°57'34	28°34	29° 7	23°49	25°23	14°11	10°18	0°32	27°14	7°38	12° 4	10°35	11°10	11°40	T 10
F 11	7 52 21	28°58'34	13♓30	0♒51	25° 4	25°57	14°19	10°25	0°34	27°16	7°38	11°57	10°32	11°16	11°42	F 11
S 12	7 56 18	29°59'32	28° 2	2°35	26°18	26°31	14°26	10°32	0°36	27°18	7°39	11°51	10°29	11°23	11°43	S 12
S 13	8 0 15	1♒ 0'29	12♈ 8	4°20	27°32	27° 5	14°33	10°39	0°38	27°20	7°39	11°47	10°26	11°30	11°45	S 13
M14	8 4 11	2° 1'24	25°46	6° 5	28°47	27°39	14°40	10°46	0°40	27°23	7°40	11°45	10°23	11°36	11°47	M14
T 15	8 8 8	3° 2'18	8♉58	7°51	0♓ 1	28°13	14°47	10°52	0°42	27°25	7°41	11°D45	10°20	11°43	11°48	T 15
W16	8 12 4	4° 3'11	21°46	9°37	1°15	28°47	14°53	10°59	0°45	27°27	7°42	11°46	10°16	11°50	11°50	W16
T 17	8 16 1	5° 4'03	4♊17	11°24	2°30	29°22	15° 0	11° 6	0°47	27°30	7°42	11°48	10°13	11°56	11°52	T 17
F 18	8 19 57	6° 4'53	16°32	13°12	3°44	29°56	15° 6	11°12	0°49	27°32	7°43	11°R48	10°10	12° 3	11°54	F 18
S 19	8 23 54	7° 5'41	28°37	14°59	4°58	0♉31	15°13	11°19	0°51	27°34	7°44	11°46	10° 7	12°10	11°56	S 19
S 20	8 27 50	8° 6'28	10♋35	16°47	6°12	1° 5	15°19	11°26	0°54	27°36	7°45	11°42	10° 4	12°17	11°58	S 20
M21	8 31 47	9° 7'14	22°29	18°35	7°26	1°40	15°25	11°32	0°56	27°39	7°45	11°35	10° 0	12°23	12° 0	M21
T 22	8 35 44	10° 7'58	4♌21	20°22	8°40	2°15	15°30	11°39	0°59	27°41	7°46	11°26	9°57	12°30	12° 2	T 22
W23	8 39 40	11° 8'41	16°13	22°10	9°54	2°49	15°36	11°45	1° 1	27°43	7°47	11°15	9°54	12°37	12° 4	W23
T 24	8 43 37	12° 9'23	28° 5	23°57	11° 8	3°24	15°42	11°52	1° 3	27°45	7°48	11° 2	9°51	12°43	12° 6	T 24
F 25	8 47 33	13°10'03	10♍ 1	25°43	12°22	3°59	15°47	11°58	1° 6	27°48	7°49	10°50	9°48	12°50	12° 8	F 25
S 26	8 51 30	14°10'41	22° 0	27°28	13°36	4°34	15°52	12° 4	1° 9	27°50	7°50	10°39	9°45	12°57	12°11	S 26
S 27	8 55 26	15°11'19	4♎ 5	29°12	14°49	5° 9	15°57	12°11	1°11	27°52	7°51	10°29	9°41	13° 4	12°13	S 27
M28	8 59 23	16°11'55	16°20	0♓53	16° 3	5°44	16° 2	12°17	1°14	27°54	7°52	10°23	9°38	13°10	12°15	M28
T 29	9 3 19	17°12'30	28°47	2°33	17°17	6°19	16° 7	12°23	1°16	27°56	7°53	10°19	9°35	13°17	12°18	T 29
W30	9 7 16	18°13'04	11♏29	4°10	18°30	6°55	16°11	12°30	1°19	27°58	7°54	10°17	9°32	13°24	12°20	W30
T 31	9 11 13	19♒13'36	24♏32	5♓43	19♓44	7♉30	16♏15	12♉36	1♈22	28♉ 1	7♈55	10°D17	9♐29	13♌30	12♈23	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22s12	11s35	4s 8	24s33	1s47	18s38	1s38	8n38	0n41	14s45	1n 6	22s49	0n23	0s32	0s42	20s38	0n14	12s41	17s 6	22s21	22s11	13n30	5n56	1n30
W 2	22 3	15 32	3 20	24 25	1 50	18 17	1 38	8 51	0 42	14 47	1 6	22 49	0 23	0 32	0 42	20 37	0 14	12 40	17 5	22 22	22 10	13 28	5 56	1 30
T 3	21 54	18 50	2 20	24 16	1 53	17 55	1 37	9 5	0 43	14 49	1 6	22 48	0 23	0 31	0 42	20 37	0 14	12 40	17 5	22 22	22 10	13 26	5 56	1 29
F 4	21 45	21 14	1 11	24 5	1 56	17 32	1 37	9 18	0 44	14 52	1 6	22 48	0 22	0 30	0 42	20 37	0 14	12 39	17 5	22 22	22 10	13 24	5 57	1 29
S 5	21 35	22 24	0n 5	23 53	1 58	17 9	1 37	9 31	0 45	14 54	1 6	22 48	0 22	0 29	0 42	20 36	0 14	12 39	17 4	22 22	22 9	13 21	5 57	1 29
S 6	21 24	22 7	1 23	23 39	2 0	16 45	1 37	9 44	0 46	14 56	1 6	22 47	0 22	0 29	0 42	20 36	0 14	12 38	17 4	22 22	22 9	13 19	5 57	1 29
M 7	21 13	20 17	2 37	23 23	2 2	16 21	1 36	9 58	0 47	14 59	1 7	22 47	0 22	0 28	0 42	20 35	0 14	12 37	17 4	22 22	22 8	13 17	5 58	1 29
T 8	21 2	17 0	3 42	23 5	2 3	15 57	1 36	10 11	0 48	15 1	1 7	22 46	0 22	0 27	0 42	20 35	0 14	12 37	17 3	22 21	22 8	13 15	5 58	1 29
W 9	20 51	12 33	4 30	22 46	2 4	15 32	1 35	10 24	0 48	15 3	1 7	22 46	0 22	0 26	0 42	20 34	0 14	12 36	17 3	22 20	22 7	13 13	5 59	1 28
T 10	20 39	7 20	5 0	22 26	2 4	15 7	1 35	10 37	0 49	15 5	1 7	22 45	0 22	0 26	0 42	20 34	0 14	12 36	17 3	22 19	22 7	13 10	5 59	1 28
F 11	20 26	1 46	5 8	22 3	2 4	14 41	1 34	10 50	0 50	15 7	1 7	22 45	0 22	0 25	0 42	20 33	0 14	12 35	17 2	22 18	22 6	13 8	5 59	1 28
S 12	20 13	3n44	4 56	21 39	2 4	14 15	1 33	11 3	0 51	15 9	1 7	22 44	0 22	0 24	0 42	20 33	0 14	12 35	17 2	22 17	22 6	13 6	6 0	1 28
S 13	20 0	8 54	4 26	21 14	2 3	13 49	1 32	11 16	0 52	15 11	1 7	22 44	0 22	0 23	0 42	20 33	0 14	12 34	17 2	22 17	22 5	13 4	6 0	1 28
M14	19 47	13 26	3 42	20 46	2 1	13 22	1 31	11 29	0 52	15 13	1 8	22 43	0 22	0 22	0 42	20 32	0 14	12 34	17 1	22 17	22 5	13 1	6 1	1 28
T 15	19 33	17 11	2 47	20 17	1 59	12 55	1 30	11 42	0 53	15 15	1 8	22 43	0 22	0 21	0 42	20 32	0 14	12 33	17 1	22 17	22 5	12 59	6 2	1 28
W16	19 19	19 58	1 46	19 47	1 57	12 27	1 29	11 55	0 54	15 17	1 8	22 42	0 22	0 20	0 42	20 31	0 14	12 32	17 1	22 17	22 4	12 57	6 2	1 27
T 17	19 4	21 44	0 40	19 15	1 54	12 0	1 28	12 8	0 55	15 19	1 8	22 42	0 22	0 19	0 42	20 31	0 14	12 32	17 0	22 17	22 4	12 55	6 3	1 27
F 18	18 49	22 25	0s25	18 41	1 50	11 32	1 27	12 21	0 55	15 20	1 8	22 41	0 22	0 19	0 42	20 30	0 14	12 31	17 0	22 17	22 3	12 53	6 3	1 27
S 19	18 34	22 2	1 29	18 5	1 46	11 3	1 26	12 34	0 56	15 22	1 8	22 41	0 22	0 18	0 42	20 30	0 13	12 31	17 0	22 17	22 3	12 50	6 4	1 27
S 20	18 18	20 38	2 28	17 28	1 41	10 34	1 24	12 47	0 57	15 24	1 8	22 40	0 22	0 17	0 42	20 30	0 13	12 30	16 59	22 16	22 2	12 48	6 5	1 27
M21	18 2	18 21	3 20	16 50	1 36	10 6	1 23	12 59	0 57	15 25	1 9	22 40	0 21	0 16	0 41	20 29	0 13	12 29	16 59	22 15	22 2	12 46	6 5	1 27
T 22	17 46	15 18	4 3	16 10	1 30	9 36	1 21	13 12	0 58	15 27	1 9	22 39	0 21	0 15	0 41	20 29	0 13	12 29	16 59	22 14	22 1	12 44	6 6	1 27
W23	17 30	11 39	4 35	15 29	1 23	9 7	1 20	13 25	0 59	15 28	1 9	22 39	0 21	0 14	0 41	20 28	0 13	12 28	16 58	22 12	22 1	12 41	6 7	1 26
T 24	17 13	7 33	4 55	14 46	1 16	8 37	1 18	13 37	0 59	15 30	1 9	22 38	0 21	0 13	0 41	20 28	0 13	12 28	16 58	22 11	22 0	12 39	6 7	1 26
F 25	16 55	3 10	5 3	14 3	1 7	8 7	1 16	13 50	1 0	15 31	1 9	22 38	0 21	0 12	0 41	20 27	0 13	12 27	16 58	22 9	22 0	12 37	6 8	1 26
S 26	16 38	1s22	4 57	13 19	0 58	7 37	1 15	14 2	1 0	15 32	1 9	22 37	0 21	0 11	0 41	20 27	0 13	12 26	16 58	22 7	21 59	12 35	6 9	1 26
S 27	16 20	5 53	4 38	12 33	0 49	7 7	1 13	14 15	1 1	15 34	1 9	22 37	0 21	0 9	0 41	20 27	0 13	12 26	16 57	22 6	21 59	12 32	6 10	1 26
M28	16 2	10 13	4 6	11 48	0 38	6 36	1 11	14 27	1 2	15 35	1 10	22 36	0 21	0 8	0 41	20 26	0 13	12 25	16 57	22 5	21 58	12 30	6 10	1 26
T 29	15 44	14 13	3 22	11 2	0 27	6 6	1 9	14 39	1 2	15 36	1 10	22 36	0 21	0 7	0 41	20 26	0 13	12 25	16 57	22 4	21 58	12 28	6 11	1 26
W30	15 25	17 39	2 27	10 15	0 15	5 35	1 7	14 51	1 3	15 37	1 10	22 35	0 21	0 6	0 41	20 25	0 13	12 24	16 56	22 4	21 57	12 26	6 12	1 25
T 31	15s 7	20s18	1s23	9s29	0s 3	5s 4	1s 5	15n 3	1n 3	15s38	1n10	22s35	0n21	0s 5	0s41	20s25	0n13	12s23	16s56	22s 4	21s57	12n23	6n13	1n25

Julian Day Number = 2211223.5, Delta T = 09m21s
Ecliptic obliquity = 23°31'26, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°33'45, Lahiri = 14°40'46 Julian Calendar 1 Jan. 1342 == Greg. Calendar 9 Jan. 1342

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ASTRODIENST EPHEMERIS for the year 1342
geocentric

FEBRUARY 1342 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	9 15 9	20♒14'08	7♐58	7♓13	20♓58	8♉ 5	16♏19	12♑42	1♈25	28♑ 3	7♈56	10°R17	9♐26	13♌37	12♈25	F 1
S 2	9 19 6	21°14'38	21°51	8°38	22°11	8°40	16°23	12°48	1°27	28° 5	7°57	10♐17	9°22	13°44	12°28	S 2
S 3	9 23 2	22°15'07	6♑12	9°58	23°24	9°16	16°27	12°54	1°30	28° 7	7°58	10°14	9°19	13°50	12°30	S 3
M 4	9 26 59	23°15'34	20°59	11°12	24°38	9°51	16°31	13° 0	1°33	28° 9	7°59	10° 9	9°16	13°57	12°33	M 4
T 5	9 30 55	24°16'00	6♒ 5	12°20	25°51	10°27	16°34	13° 6	1°36	28°11	8° 0	10° 2	9°13	14° 4	12°36	T 5
W 6	9 34 52	25°16'24	21°24	13°21	27° 4	11° 3	16°38	13°12	1°39	28°13	8° 1	9°52	9°10	14°11	12°38	W 6
T 7	9 38 48	26°16'46	6♓42	14°13	28°18	11°38	16°41	13°18	1°42	28°15	8° 2	9°40	9° 6	14°17	12°41	T 7
F 8	9 42 45	27°17'06	21°49	14°58	29°31	12°14	16°44	13°23	1°45	28°17	8° 3	9°29	9° 3	14°24	12°44	F 8
S 9	9 46 42	28°17'25	6♈35	15°34	0♈44	12°50	16°46	13°29	1°48	28°20	8° 4	9°20	9° 0	14°31	12°47	S 9
S 10	9 50 38	29°17'41	20°54	16° 0	1°57	13°25	16°49	13°35	1°51	28°22	8° 5	9°13	8°57	14°37	12°49	S 10
M11	9 54 35	0♓17'56	4♉42	16°18	3°10	14° 1	16°51	13°40	1°54	28°24	8° 7	9° 8	8°54	14°44	12°52	M11
T 12	9 58 31	1°18'09	18° 1	16°R25	4°23	14°37	16°54	13°46	1°57	28°26	8° 8	9° 6	8°51	14°51	12°55	T 12
W13	10 2 28	2°18'19	0♊52	16°24	5°36	15°13	16°56	13°51	2° 0	28°28	8° 9	9° 5	8°47	14°58	12°58	W13
T 14	10 6 24	3°18'27	13°22	16°13	6°48	15°49	16°57	13°57	2° 3	28°30	8°10	9° 5	8°44	15° 4	13° 1	T 14
F 15	10 10 21	4°18'34	25°35	15°52	8° 1	16°25	16°59	14° 2	2° 6	28°31	8°11	9° 5	8°41	15°11	13° 4	F 15
S 16	10 14 17	5°18'38	7♋36	15°24	9°14	17° 1	17° 0	14° 7	2° 9	28°33	8°13	9° 2	8°38	15°18	13° 7	S 16
S 17	10 18 14	6°18'39	19°29	14°47	10°26	17°37	17° 2	14°13	2°12	28°35	8°14	8°57	8°35	15°24	13°10	S 17
M18	10 22 11	7°18'39	1♌19	14° 4	11°39	18°13	17° 3	14°18	2°15	28°37	8°15	8°49	8°31	15°31	13°14	M18
T 19	10 26 7	8°18'37	13°10	13°16	12°51	18°49	17° 4	14°23	2°19	28°39	8°16	8°38	8°28	15°38	13°17	T 19
W20	10 30 4	9°18'32	25° 2	12°22	14° 3	19°25	17° 4	14°28	2°22	28°41	8°18	8°24	8°25	15°45	13°20	W20
T 21	10 34 0	10°18'26	6♍59	11°26	15°16	20° 2	17° 5	14°33	2°25	28°43	8°19	8°10	8°22	15°51	13°23	T 21
F 22	10 37 57	11°18'17	19° 1	10°27	16°28	20°38	17° 5	14°38	2°28	28°45	8°20	7°55	8°19	15°58	13°26	F 22
S 23	10 41 53	12°18'07	1♎ 9	9°29	17°40	21°14	17°R 5	14°43	2°32	28°46	8°21	7°42	8°16	16° 5	13°30	S 23
S 24	10 45 50	13°17'55	13°25	8°31	18°52	21°50	17° 5	14°47	2°35	28°48	8°23	7°31	8°12	16°11	13°33	S 24
M25	10 49 46	14°17'40	25°49	7°35	20° 4	22°26	17° 5	14°52	2°38	28°50	8°24	7°22	8° 9	16°18	13°36	M25
T 26	10 53 43	15°17'24	8♏24	6°42	21°15	23° 3	17° 5	14°57	2°41	28°52	8°25	7°17	8° 6	16°25	13°39	T 26
W27	10 57 39	16°17'07	21°12	5°53	22°27	23°39	17° 4	15° 1	2°45	28°53	8°27	7°14	8° 3	16°32	13°43	W27
T 28	11 1 36	17♓16'47	4♐16	5♓ 8	23♈39	24♉15	17♏ 3	15♑ 6	2♈48	28♑55	8♈28	7°D13	8♐ 0	16♌38	13♈46	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	14s47	21s55	0s12	8s44	0n10	4s33	1s 2	15n15	1n 4	15s39	1n10	22s34	0n21	0s 4	0s41	20s24	0n13	12s23	16s56	22s 4	21s57	12n21	6n14	1n25
S 2	14 28	22 15	1n 1	8 0	0 24	4 2	1 0	15 27	1 4	15 40	1 10	22 34	0 21	0 3	0 41	20 24	0 13	12 22	16 56	22 4	21 56	12 19	6 15	1 25
S 3	14 9	21 10	2 13	7 16	0 38	3 31	0 58	15 39	1 5	15 41	1 10	22 33	0 21	0 2	0 41	20 24	0 13	12 21	16 55	22 4	21 56	12 17	6 16	1 25
M 4	13 49	18 37	3 18	6 35	0 53	2 59	0 55	15 51	1 5	15 42	1 11	22 33	0 21	0 1	0 41	20 23	0 13	12 21	16 55	22 3	21 55	12 14	6 16	1 25
T 5	13 29	14 46	4 10	5 55	1 7	2 28	0 53	16 3	1 6	15 43	1 11	22 32	0 21	0n 1	0 41	20 23	0 13	12 20	16 55	22 2	21 55	12 12	6 17	1 25
W 6	13 9	9 54	4 46	5 18	1 23	1 56	0 51	16 14	1 6	15 44	1 11	22 32	0 21	0 2	0 41	20 22	0 13	12 19	16 55	22 0	21 54	12 10	6 18	1 25
T 7	12 48	4 26	5 1	4 44	1 38	1 25	0 48	16 26	1 7	15 45	1 11	22 31	0 21	0 3	0 41	20 22	0 13	12 19	16 54	21 59	21 54	12 8	6 19	1 24
F 8	12 27	1n15	4 54	4 12	1 53	0 53	0 45	16 37	1 7	15 45	1 11	22 30	0 20	0 4	0 41	20 22	0 13	12 18	16 54	21 57	21 53	12 5	6 20	1 24
S 9	12 7	6 43	4 28	3 45	2 8	0 22	0 43	16 49	1 7	15 46	1 11	22 30	0 20	0 5	0 41	20 21	0 13	12 17	16 54	21 56	21 53	12 3	6 21	1 24
S 10	11 46	11 40	3 46	3 21	2 22	0n10	0 40	17 0	1 8	15 47	1 12	22 29	0 20	0 7	0 41	20 21	0 13	12 17	16 54	21 55	21 52	12 1	6 22	1 24
M11	11 24	15 49	2 51	3 2	2 36	0 42	0 37	17 11	1 8	15 47	1 12	22 29	0 20	0 8	0 41	20 20	0 13	12 16	16 53	21 54	21 52	11 59	6 23	1 24
T 12	11 3	19 0	1 49	2 47	2 49	1 13	0 34	17 22	1 9	15 48	1 12	22 28	0 20	0 9	0 41	20 20	0 13	12 15	16 53	21 54	21 51	11 56	6 24	1 24
W13	10 41	21 7	0 43	2 36	3 1	1 45	0 31	17 33	1 9	15 48	1 12	22 28	0 20	0 10	0 41	20 20	0 13	12 15	16 53	21 53	21 51	11 54	6 25	1 24
T 14	10 20	22 7	0s23	2 30	3 12	2 16	0 29	17 44	1 9	15 48	1 12	22 27	0 20	0 12	0 41	20 19	0 13	12 14	16 53	21 53	21 50	11 52	6 26	1 24
F 15	9 58	22 1	1 26	2 29	3 22	2 48	0 26	17 55	1 10	15 49	1 12	22 27	0 20	0 13	0 41	20 19	0 13	12 14	16 53	21 53	21 50	11 49	6 28	1 23
S 16	9 36	20 54	2 25	2 33	3 30	3 19	0 23	18 6	1 10	15 49	1 13	22 26	0 20	0 14	0 41	20 18	0 13	12 13	16 52	21 53	21 49	11 47	6 29	1 23
S 17	9 14	18 52	3 16	2 42	3 36	3 51	0 19	18 16	1 10	15 49	1 13	22 26	0 20	0 15	0 41	20 18	0 13	12 12	16 52	21 52	21 49	11 45	6 30	1 23
M18	8 51	16 3	3 59	2 54	3 40	4 22	0 16	18 27	1 11	15 49	1 13	22 25	0 20	0 17	0 41	20 18	0 13	12 12	16 52	21 51	21 48	11 43	6 31	1 23
T 19	8 29	12 36	4 31	3 11	3 42	4 53	0 13	18 37	1 11	15 49	1 13	22 25	0 20	0 18	0 41	20 17	0 13	12 11	16 52	21 49	21 48	11 40	6 32	1 23
W20	8 6	8 39	4 51	3 31	3 43	5 25	0 10	18 48	1 11	15 49	1 13	22 24	0 20	0 19	0 41	20 17	0 13	12 10	16 52	21 47	21 47	11 38	6 33	1 23
T 21	7 44	4 21	4 59	3 54	3 41	5 56	0 7	18 58	1 12	15 49	1 13	22 24	0 20	0 21	0 41	20 16	0 13	12 10	16 51	21 45	21 47	11 36	6 34	1 23
F 22	7 21	0s 9	4 54	4 20	3 37	6 26	0 3	19 8	1 12	15 49	1 13	22 23	0 20	0 22	0 41	20 16	0 13	12 9	16 51	21 42	21 46	11 34	6 35	1 23
S 23	6 58	4 40	4 35	4 47	3 31	6 57	0 0	19 18	1 12	15 49	1 14	22 23	0 20	0 23	0 41	20 16	0 13	12 8	16 51	21 40	21 46	11 31	6 37	1 23
S 24	6 35	9 3	4 3	5 16	3 23	7 28	0n 3	19 28	1 13	15 49	1 14	22 22	0 20	0 24	0 41	20 15	0 13	12 8	16 51	21 38	21 45	11 29	6 38	1 22
M25	6 12	13 7	3 20	5 45	3 14	7 58	0 7	19 37	1 13	15 49	1 14	22 22	0 20	0 26	0 41	20 15	0 13	12 7	16 51	21 37	21 45	11 27	6 39	1 22
T 26	5 49	16 39	2 26	6 15	3 3	8 28	0 10	19 47	1 13	15 49	1 14	22 21	0 20	0 27	0 41	20 15	0 13	12 6	16 51	21 36	21 44	11 24	6 40	1 22
W27	5 26	19 28	1 24	6 44	2 51	8 58	0 13	19 56	1 14	15 48	1 14	22 21	0 20	0 28	0 41	20 14	0 13	12 6	16 50	21 36	21 44	11 22	6 41	1 22
T 28	5s 3	21s20	0s16	7s12	2n38	9n28	0n17	20n 6	1n14	15s48	1n14	22s21	0n20	0n30	0s41	20s14	0n13	12s 5	16s50	21s36	21s43	11n20	6n43	1n22

Julian Day Number = 2211254.5, Delta T = 09m21s
Ecliptic obliquity = 23°31'26, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°33'49, Lahiri = 14°40'50 Julian Calendar 1 Feb. 1342 == Greg. Calendar 9 Feb. 1342

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ASTRODIENST EPHEMERIS for the year 1342
geocentric

MARCH 1342 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	11 5 33	18♓16'26	17♐38	4°R29	24♈50	24♉52	17°R 2	15♑10	2♈51	28♑57	8♈29	7°R13	7♐57	16♌45	13♈50	F 1
S 2	11 9 29	19°16'03	1♑22	3♓56	26° 2	25°28	17♏ 1	15°15	2°55	28°58	8°31	7♐13	7°53	16°52	13°53	S 2
S 3	11 13 26	20°15'39	15°29	3°29	27°13	26° 5	17° 0	15°19	2°58	29° 0	8°32	7°11	7°50	16°58	13°56	S 3
M 4	11 17 22	21°15'12	29°58	3° 7	28°24	26°41	16°58	15°23	3° 2	29° 1	8°34	7° 6	7°47	17° 5	14° 0	M 4
T 5	11 21 19	22°14'44	14♒46	2°52	29°35	27°18	16°57	15°27	3° 5	29° 3	8°35	6°59	7°44	17°12	14° 3	T 5
W 6	11 25 15	23°14'14	29°48	2°43	0♉47	27°54	16°55	15°31	3° 8	29° 4	8°36	6°50	7°41	17°19	14° 7	W 6
T 7	11 29 12	24°13'42	14♓54	2°D40	1°58	28°31	16°53	15°35	3°12	29° 6	8°38	6°39	7°37	17°25	14°10	T 7
F 8	11 33 8	25°13'08	29°53	2°43	3° 8	29° 7	16°50	15°39	3°15	29° 7	8°39	6°28	7°34	17°32	14°14	F 8
S 9	11 37 5	26°12'31	14♈37	2°51	4°19	29°44	16°48	15°43	3°19	29° 9	8°41	6°19	7°31	17°39	14°18	S 9
S 10	11 41 2	27°11'53	28°58	3° 5	5°30	0♊20	16°45	15°46	3°22	29°10	8°42	6°11	7°28	17°45	14°21	S 10
M11	11 44 58	28°11'12	12♉51	3°23	6°40	0°57	16°42	15°50	3°25	29°12	8°43	6° 7	7°25	17°52	14°25	M11
T 12	11 48 55	29°10'29	26°16	3°47	7°51	1°33	16°39	15°54	3°29	29°13	8°45	6° 5	7°22	17°59	14°28	T 12
W13	11 52 51	0♈ 9'44	9♊14	4°15	9° 1	2°10	16°36	15°57	3°32	29°14	8°46	6°D 4	7°18	18° 6	14°32	W13
T 14	11 56 48	1° 8'57	21°48	4°48	10°11	2°47	16°33	16° 0	3°36	29°16	8°48	6° 5	7°15	18°12	14°35	T 14
F 15	12 0 44	2° 8'07	4♋ 4	5°25	11°22	3°23	16°29	16° 4	3°39	29°17	8°49	6°R 5	7°12	18°19	14°39	F 15
S 16	12 4 41	3° 7'15	16° 7	6° 5	12°32	4° 0	16°26	16° 7	3°43	29°18	8°50	6° 4	7° 9	18°26	14°43	S 16
S 17	12 8 37	4° 6'20	28° 1	6°50	13°41	4°37	16°22	16°10	3°46	29°19	8°52	6° 1	7° 6	18°32	14°46	S 17
M18	12 12 34	5° 5'23	9♌51	7°37	14°51	5°13	16°18	16°13	3°49	29°21	8°53	5°56	7° 3	18°39	14°50	M18
T 19	12 16 31	6° 4'24	21°42	8°29	16° 1	5°50	16°14	16°16	3°53	29°22	8°55	5°48	6°59	18°46	14°54	T 19
W20	12 20 27	7° 3'22	3♍38	9°23	17°10	6°27	16° 9	16°19	3°56	29°23	8°56	5°38	6°56	18°53	14°57	W20
T 21	12 24 24	8° 2'19	15°40	10°20	18°20	7° 4	16° 5	16°22	4° 0	29°24	8°58	5°28	6°53	18°59	15° 1	T 21
F 22	12 28 20	9° 1'13	27°50	11°20	19°29	7°40	16° 0	16°24	4° 3	29°25	8°59	5°17	6°50	19° 6	15° 5	F 22
S 23	12 32 17	10° 0'05	10♎10	12°23	20°38	8°17	15°55	16°27	4° 6	29°26	9° 0	5° 7	6°47	19°13	15° 8	S 23
S 24	12 36 13	10°58'55	22°40	13°29	21°47	8°54	15°50	16°29	4°10	29°27	9° 2	4°58	6°43	19°19	15°12	S 24
M25	12 40 10	11°57'43	5♏21	14°37	22°56	9°31	15°45	16°32	4°13	29°28	9° 3	4°52	6°40	19°26	15°16	M25
T 26	12 44 6	12°56'29	18°13	15°47	24° 4	10° 8	15°40	16°34	4°17	29°29	9° 5	4°49	6°37	19°33	15°19	T 26
W27	12 48 3	13°55'14	1♐16	17° 0	25°13	10°44	15°34	16°36	4°20	29°30	9° 6	4°D47	6°34	19°40	15°23	W27
T 28	12 51 59	14°53'56	14°33	18°14	26°21	11°21	15°29	16°39	4°24	29°31	9° 8	4°47	6°31	19°46	15°27	T 28
F 29	12 55 56	15°52'37	28° 3	19°31	27°29	11°58	15°23	16°41	4°27	29°32	9° 9	4°49	6°28	19°53	15°31	F 29
S 30	12 59 53	16°51'17	11♑48	20°50	28°37	12°35	15°17	16°43	4°30	29°33	9°10	4°R49	6°24	20° 0	15°34	S 30
S 31	13 3 49	17♈49'54	25♑49	22♓11	29♉45	13♊12	15♏12	16♑44	4♈34	29♑34	9♈12	4♐49	6♐21	20♌ 6	15♈38	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	4s39	22s 2	0n55	7s39	2n25	9n58	0n20	20n15	1n14	15s48	1n15	22s20	0n19	0n31	0s41	20s14	0n13	12s 4	16s50	21s36	21s43	11n18	6n44	1n22	F 1
S 2	4 16	21 27	2 4	8 5	2 10	10 27	0 24	20 24	1 14	15 47	1 15	22 20	0 19	0 32	0 41	20 13	0 13	12 4	16 50	21 35	21 42	11 15	6 45	1 22	S 2
S 3	3 52	19 31	3 8	8 28	1 56	10 56	0 27	20 33	1 15	15 47	1 15	22 19	0 19	0 34	0 41	20 13	0 13	12 3	16 50	21 35	21 42	11 13	6 46	1 22	S 3
M 4	3 29	16 18	4 1	8 50	1 41	11 25	0 31	20 42	1 15	15 46	1 15	22 19	0 19	0 35	0 41	20 13	0 13	12 3	16 50	21 34	21 41	11 11	6 48	1 22	M 4
T 5	3 5	12 0	4 39	9 10	1 25	11 54	0 34	20 50	1 15	15 45	1 15	22 18	0 19	0 37	0 41	20 12	0 13	12 2	16 50	21 33	21 41	11 8	6 49	1 22	T 5
W 6	2 42	6 55	4 59	9 27	1 11	12 23	0 38	20 59	1 15	15 45	1 15	22 18	0 19	0 38	0 41	20 12	0 13	12 1	16 50	21 32	21 40	11 6	6 50	1 21	W 6
T 7	2 18	1 23	4 58	9 42	0 56	12 51	0 41	21 7	1 15	15 44	1 15	22 18	0 19	0 39	0 41	20 12	0 13	12 1	16 50	21 30	21 40	11 4	6 51	1 21	T 7
F 8	1 54	4n11	4 37	9 54	0 41	13 18	0 45	21 16	1 16	15 43	1 16	22 17	0 19	0 41	0 41	20 11	0 13	12 0	16 49	21 28	21 39	11 1	6 53	1 21	F 8
S 9	1 31	9 26	3 57	10 5	0 27	13 46	0 49	21 24	1 16	15 42	1 16	22 17	0 19	0 42	0 41	20 11	0 13	11 59	16 49	21 26	21 38	10 59	6 54	1 21	S 9
S 10	1 7	14 0	3 3	10 13	0 13	14 13	0 52	21 32	1 16	15 41	1 16	22 16	0 19	0 43	0 41	20 11	0 13	11 59	16 49	21 25	21 38	10 57	6 55	1 21	S 10
M11	0 43	17 40	2 0	10 18	0s 0	14 40	0 56	21 40	1 16	15 41	1 16	22 16	0 19	0 45	0 41	20 11	0 13	11 58	16 49	21 24	21 37	10 55	6 57	1 21	M11
T 12	0 20	20 14	0 52	10 22	0 13	15 7	0 59	21 48	1 16	15 40	1 16	22 16	0 19	0 46	0 41	20 10	0 13	11 58	16 49	21 24	21 37	10 52	6 58	1 21	T 12
W13	0n 4	21 38	0s17	10 23	0 26	15 33	1 3	21 55	1 17	15 39	1 16	22 15	0 19	0 47	0 41	20 10	0 13	11 57	16 49	21 24	21 36	10 50	6 59	1 21	W13
T 14	0 28	21 53	1 23	10 22	0 38	15 59	1 6	22 3	1 17	15 37	1 16	22 15	0 19	0 49	0 41	20 10	0 13	11 56	16 49	21 24	21 36	10 48	7 1	1 21	T 14
F 15	0 51	21 4	2 23	10 19	0 49	16 24	1 10	22 10	1 17	15 36	1 16	22 15	0 19	0 50	0 41	20 10	0 13	11 56	16 49	21 24	21 35	10 45	7 2	1 21	F 15
S 16	1 15	19 18	3 16	10 14	1 0	16 49	1 14	22 17	1 17	15 35	1 16	22 14	0 19	0 52	0 41	20 9	0 13	11 55	16 49	21 24	21 35	10 43	7 3	1 21	S 16
S 17	1 38	16 42	4 0	10 7	1 10	17 14	1 17	22 24	1 17	15 34	1 17	22 14	0 19	0 53	0 41	20 9	0 13	11 55	16 49	21 23	21 34	10 41	7 5	1 20	S 17
M18	2 2	13 27	4 34	9 59	1 20	17 38	1 21	22 31	1 17	15 33	1 17	22 14	0 19	0 54	0 40	20 9	0 13	11 54	16 49	21 22	21 34	10 38	7 6	1 20	M18
T 19	2 25	9 40	4 55	9 48	1 29	18 2	1 24	22 38	1 18	15 31	1 17	22 13	0 19	0 56	0 40	20 9	0 13	11 53	16 49	21 21	21 33	10 36	7 7	1 20	T 19
W20	2 49	5 29	5 4	9 35	1 38	18 25	1 28	22 44	1 18	15 30	1 17	22 13	0 19	0 57	0 40	20 8	0 13	11 53	16 49	21 19	21 33	10 34	7 9	1 20	W20
T 21	3 12	1 4	4 59	9 21	1 46	18 48	1 31	22 51	1 18	15 29	1 17	22 13	0 19	0 58	0 40	20 8	0 13	11 52	16 49	21 17	21 32	10 32	7 10	1 20	T 21
F 22	3 35	3s26	4 41	9 5	1 53	19 11	1 35	22 57	1 18	15 27	1 17	22 12	0 18	1 0	0 40	20 8	0 13	11 52	16 49	21 15	21 32	10 29	7 11	1 20	F 22
S 23	3 58	7 52	4 10	8 47	2 0	19 33	1 38	23 3	1 18	15 26	1 17	22 12	0 18	1 1	0 40	20 8	0 13	11 51	16 49	21 14	21 31	10 27	7 13	1 20	S 23
S 24	4 22	12 2	3 26	8 27	2 6	19 54	1 41	23 9	1 18	15 24	1 17	22 12	0 18	1 3	0 40	20 7	0 13	11 51	16 49	21 12	21 31	10 25	7 14	1 20	S 24
M25	4 45	15 43	2 31	8 6	2 12	20 15	1 45	23 15	1 18	15 23	1 17	22 12	0 18	1 4	0 40	20 7	0 13	11 50	16 49	21 11	21 30	10 22	7 15	1 20	M25
T 26	5 8	18 43	1 28	7 44	2 17	20 36	1 48	23 20	1 18	15 21	1 17	22 11	0 18	1 5	0 40	20 7	0 13	11 50	16 49	21 10	21 29	10 20	7 17	1 20	T 26
W27	5 31	20 48	0 19	7 20	2 22	20 56	1 51	23 26	1 19	15 20	1 17	22 11	0 18	1 7	0 40	20 7	0 13	11 49	16 49	21 10	21 29	10 18	7 18	1 20	W27
T 28	5 53	21 45	0n52	6 54	2 26	21 16	1 55	23 31	1 19	15 18	1 18	22 11	0 18	1 8	0 40	20 7	0 13	11 49	16 49	21 10	21 28	10 15	7 20	1 20	T 28
F 29	6 16	21 29	2 2	6 27	2 29	21 35	1 58	23 36	1 19	15 16	1 18	22 11	0 18	1 9	0 40	20 6	0 13	11 48	16 49	21 10	21 28	10 13	7 21	1 20	F 29
S 30	6 39	19 55	3 6	5 58	2 32	21 53	2 1	23 41	1 19	15 14	1 18	22 11	0 18	1 11	0 40	20 6	0 13	11 47	16 49	21 10	21 27	10 11	7 22	1 19	S 30
S 31	7n 1	17s 7	4n 0	5s28	2s34	22n11	2n 4	23n46	1n19	15s13	1n18	22s10	0n18	1n12	0s40	20s 6	0n13	11s47	16s49	21s10	21s27	10n 8	7n24	1n19	S 31

Julian Day Number = 2211282.5, Delta T = 09m20s
Ecliptic obliquity = 23°31'26, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°33'53, Lahiri = 14°40'54 Julian Calendar 1 March 1342 == Greg. Calendar 9 March 1342

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ASTRODIENST EPHEMERIS for the year 1342
geocentric

APRIL 1342 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	13 7 46	18♈48'30	10♒ 4	23♓34	0♊53	13♊48	15°R 5	16♑46	4♈37	29♑34	9♈13	4°R47	6♐18	20♌13	15♈42	M 1
T 2	13 11 42	19°47'04	24°33	24°59	2° 0	14°25	14♏59	16°48	4°40	29°35	9°15	4♐44	6°15	20°20	15°45	T 2
W 3	13 15 39	20°45'37	9♓11	26°26	3° 8	15° 2	14°53	16°49	4°44	29°36	9°16	4°38	6°12	20°27	15°49	W 3
T 4	13 19 35	21°44'07	23°51	27°55	4°15	15°39	14°47	16°51	4°47	29°36	9°17	4°32	6° 8	20°33	15°53	T 4
F 5	13 23 32	22°42'36	8♈28	29°25	5°22	16°16	14°40	16°52	4°50	29°37	9°19	4°25	6° 5	20°40	15°56	F 5
S 6	13 27 28	23°41'03	22°53	0♈57	6°29	16°53	14°33	16°53	4°54	29°38	9°20	4°19	6° 2	20°47	16° 0	S 6
S 7	13 31 25	24°39'29	7♉ 1	2°31	7°35	17°30	14°27	16°55	4°57	29°38	9°22	4°15	5°59	20°53	16° 4	S 7
M 8	13 35 22	25°37'52	20°47	4° 7	8°42	18° 7	14°20	16°56	5° 0	29°39	9°23	4°12	5°56	21° 0	16° 7	M 8
T 9	13 39 18	26°36'13	4♊10	5°45	9°48	18°44	14°13	16°57	5° 3	29°39	9°24	4°D12	5°53	21° 7	16°11	T 9
W10	13 43 15	27°34'33	17° 9	7°24	10°54	19°21	14° 6	16°58	5° 7	29°40	9°26	4°12	5°49	21°14	16°15	W10
T 11	13 47 11	28°32'50	29°46	9° 5	12° 0	19°58	13°59	16°58	5°10	29°40	9°27	4°14	5°46	21°20	16°18	T 11
F 12	13 51 8	29°31'06	12♋ 5	10°48	13° 6	20°35	13°52	16°59	5°13	29°41	9°29	4°15	5°43	21°27	16°22	F 12
S 13	13 55 4	0♉29'19	24°11	12°33	14°11	21°11	13°45	17° 0	5°16	29°41	9°30	4°16	5°40	21°34	16°26	S 13
S 14	13 59 1	1°27'30	6♌ 7	14°20	15°16	21°48	13°37	17° 0	5°19	29°41	9°31	4°R16	5°37	21°40	16°29	S 14
M15	14 2 57	2°25'39	18° 0	16° 8	16°21	22°25	13°30	17° 1	5°23	29°42	9°33	4°15	5°34	21°47	16°33	M15
T 16	14 6 54	3°23'47	29°53	17°58	17°26	23° 2	13°23	17° 1	5°26	29°42	9°34	4°13	5°30	21°54	16°36	T 16
W17	14 10 51	4°21'52	11♍51	19°50	18°30	23°39	13°15	17° 1	5°29	29°42	9°35	4° 9	5°27	22° 1	16°40	W17
T 18	14 14 47	5°19'55	23°57	21°44	19°35	24°16	13° 8	17° 1	5°32	29°43	9°37	4° 4	5°24	22° 7	16°44	T 18
F 19	14 18 44	6°17'56	6♎15	23°39	20°38	24°53	13° 0	17°R 1	5°35	29°43	9°38	4° 0	5°21	22°14	16°47	F 19
S 20	14 22 40	7°15'56	18°46	25°37	21°42	25°30	12°53	17° 1	5°38	29°43	9°39	3°55	5°18	22°21	16°51	S 20
S 21	14 26 37	8°13'54	1♏31	27°36	22°46	26° 7	12°45	17° 1	5°41	29°43	9°40	3°52	5°14	22°28	16°54	S 21
M22	14 30 33	9°11'50	14°31	29°36	23°49	26°44	12°38	17° 1	5°44	29°43	9°42	3°49	5°11	22°34	16°58	M22
T 23	14 34 30	10° 9'45	27°45	1♑39	24°52	27°21	12°30	17° 0	5°47	29°43	9°43	3°D48	5° 8	22°41	17° 1	T 23
W24	14 38 26	11° 7'38	11♐11	3°43	25°54	27°58	12°22	17° 0	5°50	29°R43	9°44	3°48	5° 5	22°48	17° 5	W24
T 25	14 42 23	12° 5'30	24°50	5°48	26°56	28°35	12°15	16°59	5°53	29°43	9°45	3°49	5° 2	22°54	17° 8	T 25
F 26	14 46 20	13° 3'21	8♑40	7°55	27°58	29°12	12° 7	16°58	5°56	29°43	9°47	3°50	4°59	23° 1	17°11	F 26
S 27	14 50 16	14° 1'10	22°38	10° 3	29° 0	29°49	11°59	16°58	5°59	29°43	9°48	3°52	4°55	23° 8	17°15	S 27
S 28	14 54 13	14°58'58	6♒45	12°12	0♋ 1	0♋26	11°52	16°57	6° 2	29°43	9°49	3°53	4°52	23°15	17°18	S 28
M29	14 58 9	15°56'45	20°57	14°23	1° 2	1° 4	11°44	16°56	6° 4	29°43	9°50	3°R53	4°49	23°21	17°22	M29
T 30	15 2 6	16♉54'31	5♓13	16♉33	2♋ 3	1♋41	11♏37	16♑55	6♈ 7	29♑43	9♈52	3♐52	4♐46	23♌28	17♈25	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	7n24	13s17	4n40	4s57	2s36	22n29	2n 7	23n51	1n19	15s11	1n18	22s10	0n18	1n13	0s40	20s 6	0n13	11s46	16s49	21s10	21s26	10n 6	7n25	1n19
T 2	7 46	8 37	5 4	4 24	2 37	22 46	2 10	23 55	1 19	15 9	1 18	22 10	0 18	1 15	0 41	20 6	0 13	11 46	16 49	21 9	21 26	10 4	7 26	1 19
W 3	8 8	3 24	5 7	3 50	2 38	23 2	2 13	23 59	1 19	15 7	1 18	22 10	0 18	1 16	0 41	20 6	0 13	11 45	16 49	21 8	21 25	10 1	7 28	1 19
T 4	8 30	2n 0	4 51	3 15	2 38	23 18	2 16	24 4	1 19	15 5	1 18	22 10	0 18	1 17	0 41	20 6	0 13	11 45	16 49	21 7	21 25	9 59	7 29	1 19
F 5	8 52	7 17	4 16	2 39	2 38	23 33	2 19	24 8	1 19	15 3	1 18	22 10	0 18	1 19	0 41	20 5	0 13	11 45	16 49	21 6	21 24	9 57	7 31	1 19
S 6	9 14	12 6	3 25	2 1	2 37	23 47	2 22	24 11	1 19	15 1	1 18	22 10	0 18	1 20	0 41	20 5	0 13	11 44	16 49	21 5	21 23	9 55	7 32	1 19
S 7	9 35	16 8	2 22	1 22	2 36	24 1	2 24	24 15	1 19	14 59	1 18	22 9	0 18	1 21	0 41	20 5	0 13	11 44	16 49	21 4	21 23	9 52	7 33	1 19
M 8	9 57	19 10	1 12	0 42	2 34	24 15	2 27	24 18	1 19	14 57	1 18	22 9	0 18	1 22	0 41	20 5	0 13	11 43	16 50	21 4	21 22	9 50	7 35	1 19
T 9	10 18	21 3	0 0	0 1	2 31	24 28	2 29	24 22	1 19	14 55	1 18	22 9	0 18	1 24	0 41	20 5	0 13	11 43	16 50	21 4	21 22	9 48	7 36	1 19
W10	10 39	21 44	1s10	0n41	2 28	24 40	2 32	24 25	1 19	14 53	1 18	22 9	0 18	1 25	0 41	20 5	0 13	11 42	16 50	21 4	21 21	9 45	7 37	1 19
T 11	11 0	21 17	2 15	1 24	2 25	24 51	2 34	24 28	1 20	14 51	1 18	22 9	0 17	1 26	0 41	20 5	0 13	11 42	16 50	21 4	21 21	9 43	7 39	1 19
F 12	11 20	19 47	3 12	2 8	2 21	25 2	2 37	24 31	1 20	14 49	1 18	22 9	0 17	1 28	0 41	20 5	0 13	11 41	16 50	21 4	21 20	9 41	7 40	1 19
S 13	11 41	17 26	3 59	2 53	2 16	25 13	2 39	24 33	1 20	14 47	1 18	22 9	0 17	1 29	0 41	20 5	0 13	11 41	16 50	21 4	21 20	9 38	7 41	1 19
S 14	12 1	14 21	4 36	3 40	2 11	25 23	2 41	24 36	1 20	14 45	1 18	22 9	0 17	1 30	0 41	20 5	0 13	11 41	16 50	21 4	21 19	9 36	7 43	1 19
M15	12 21	10 44	5 0	4 27	2 5	25 32	2 43	24 38	1 20	14 42	1 18	22 9	0 17	1 31	0 41	20 4	0 13	11 40	16 50	21 4	21 18	9 34	7 44	1 19
T 16	12 41	6 41	5 11	5 14	1 59	25 40	2 45	24 40	1 20	14 40	1 18	22 9	0 17	1 33	0 41	20 4	0 13	11 40	16 50	21 4	21 18	9 31	7 45	1 18
W17	13 1	2 22	5 9	6 3	1 52	25 48	2 47	24 42	1 20	14 38	1 18	22 9	0 17	1 34	0 41	20 4	0 13	11 39	16 51	21 3	21 17	9 29	7 47	1 18
T 18	13 21	2s 5	4 54	6 52	1 45	25 55	2 49	24 44	1 20	14 36	1 18	22 9	0 17	1 35	0 41	20 4	0 13	11 39	16 51	21 2	21 17	9 27	7 48	1 18
F 19	13 40	6 32	4 25	7 42	1 38	26 2	2 51	24 45	1 20	14 34	1 18	22 9	0 17	1 36	0 41	20 4	0 13	11 39	16 51	21 1	21 16	9 24	7 49	1 18
S 20	13 59	10 48	3 42	8 33	1 30	26 8	2 52	24 46	1 20	14 31	1 18	22 9	0 17	1 37	0 41	20 4	0 13	11 38	16 51	21 0	21 16	9 22	7 51	1 18
S 21	14 18	14 40	2 48	9 24	1 21	26 13	2 54	24 48	1 20	14 29	1 18	22 9	0 17	1 39	0 41	20 4	0 13	11 38	16 51	21 0	21 15	9 20	7 52	1 18
M22	14 37	17 54	1 44	10 15	1 12	26 18	2 55	24 49	1 20	14 27	1 18	22 9	0 17	1 40	0 41	20 4	0 13	11 38	16 51	20 59	21 14	9 17	7 53	1 18
T 23	14 55	20 16	0 33	11 6	1 3	26 22	2 57	24 49	1 20	14 25	1 18	22 10	0 17	1 41	0 41	20 4	0 13	11 37	16 52	20 59	21 14	9 15	7 55	1 18
W24	15 13	21 32	0n41	11 58	0 53	26 25	2 58	24 50	1 20	14 22	1 18	22 10	0 17	1 42	0 41	20 4	0 13	11 37	16 52	20 59	21 13	9 13	7 56	1 18
T 25	15 31	21 32	1 53	12 49	0 44	26 28	2 59	24 51	1 20	14 20	1 17	22 10	0 17	1 43	0 41	20 4	0 13	11 37	16 52	20 59	21 13	9 10	7 57	1 18
F 26	15 49	20 14	3 0	13 40	0 33	26 30	3 0	24 51	1 20	14 18	1 17	22 10	0 17	1 44	0 41	20 4	0 13	11 36	16 52	21 0	21 12	9 8	7 59	1 18
S 27	16 6	17 43	3 57	14 31	0 23	26 32	3 1	24 51	1 20	14 16	1 17	22 10	0 17	1 46	0 41	20 4	0 13	11 36	16 52	21 0	21 12	9 6	8 0	1 18
S 28	16 23	14 7	4 41	15 21	0 13	26 33	3 1	24 51	1 20	14 13	1 17	22 10	0 17	1 47	0 41	20 4	0 13	11 36	16 52	21 0	21 11	9 3	8 1	1 18
M29	16 40	9 42	5 7	16 10	0 2	26 33	3 2	24 51	1 20	14 11	1 17	22 10	0 16	1 48	0 41	20 4	0 13	11 36	16 53	21 0	21 10	9 1	8 2	1 18
T 30	16n57	4s44	5n15	16n59	0n 8	26n33	3n 2	24n50	1n19	14s 9	1n17	22s11	0n16	1n49	0s41	20s 4	0n13	11s35	16s53	21s 0	21s10	8n59	8n 4	1n18

Julian Day Number = 2211313.5, Delta T = 09m20s
Ecliptic obliquity = 23°31'26, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°33'58, Lahiri = 14°40'58 Julian Calendar 1 Apr. 1342 == Greg. Calendar 9 Apr. 1342

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ASTRODIENST EPHEMERIS for the year 1342
geocentric

MAY 1342 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	15 6 2	17♉52'16	19♓30	18♉44	3♋ 3	2♋18	11°R29	16°R54	6♈10	29°R42	9♈53	3°R51	4♐43	23♌35	17♈28	W 1
T 2	15 9 59	18°49'59	3♈45	20°56	4° 3	2°55	11♏21	16♑52	6°13	29♑42	9°54	3♐49	4°40	23°41	17°32	T 2
F 3	15 13 55	19°47'41	17°53	23° 7	5° 3	3°32	11°14	16°51	6°15	29°42	9°55	3°47	4°36	23°48	17°35	F 3
S 4	15 17 52	20°45'23	1♉51	25°18	6° 2	4° 9	11° 6	16°50	6°18	29°42	9°56	3°45	4°33	23°55	17°38	S 4
S 5	15 21 49	21°43'03	15°35	27°28	7° 0	4°46	10°59	16°48	6°21	29°41	9°57	3°44	4°30	24° 2	17°41	S 5
M 6	15 25 45	22°40'42	29° 3	29°38	7°59	5°23	10°52	16°47	6°23	29°41	9°58	3°D44	4°27	24° 8	17°45	M 6
T 7	15 29 42	23°38'19	12♊13	1♊46	8°57	6° 0	10°44	16°45	6°26	29°41	9°59	3°44	4°24	24°15	17°48	T 7
W 8	15 33 38	24°35'56	25° 5	3°53	9°54	6°37	10°37	16°43	6°29	29°40	10° 1	3°44	4°20	24°22	17°51	W 8
T 9	15 37 35	25°33'30	7♋39	5°58	10°51	7°14	10°30	16°41	6°31	29°40	10° 2	3°45	4°17	24°29	17°54	T 9
F 10	15 41 31	26°31'04	19°57	8° 1	11°48	7°51	10°23	16°39	6°34	29°39	10° 3	3°46	4°14	24°35	17°57	F 10
S 11	15 45 28	27°28'36	2♌ 4	10° 2	12°44	8°29	10°16	16°37	6°36	29°39	10° 4	3°46	4°11	24°42	18° 0	S 11
S 12	15 49 24	28°26'07	14° 2	12° 1	13°39	9° 6	10° 9	16°35	6°38	29°38	10° 5	3°47	4° 8	24°49	18° 3	S 12
M13	15 53 21	29°23'36	25°55	13°58	14°34	9°43	10° 2	16°33	6°41	29°38	10° 6	3°R47	4° 5	24°55	18° 6	M13
T 14	15 57 18	0♊21'04	7♍49	15°52	15°29	10°20	9°55	16°31	6°43	29°37	10° 7	3°47	4° 1	25° 2	18° 9	T 14
W15	16 1 14	1°18'31	19°48	17°44	16°23	10°57	9°48	16°28	6°45	29°36	10° 8	3°47	3°58	25° 9	18°12	W15
T 16	16 5 11	2°15'57	1♎57	19°33	17°16	11°34	9°42	16°26	6°48	29°36	10° 9	3°47	3°55	25°16	18°15	T 16
F 17	16 9 7	3°13'21	14°18	21°20	18° 9	12°11	9°35	16°23	6°50	29°35	10°10	3°47	3°52	25°22	18°18	F 17
S 18	16 13 4	4°10'44	26°56	23° 4	19° 1	12°49	9°29	16°21	6°52	29°34	10°11	3°D47	3°49	25°29	18°21	S 18
S 19	16 17 0	5° 8'06	9♏52	24°45	19°52	13°26	9°22	16°18	6°54	29°33	10°11	3°47	3°45	25°36	18°23	S 19
M20	16 20 57	6° 5'27	23° 7	26°24	20°43	14° 3	9°16	16°15	6°57	29°33	10°12	3°47	3°42	25°42	18°26	M20
T 21	16 24 53	7° 2'47	6♐42	27°59	21°33	14°40	9°10	16°12	6°59	29°32	10°13	3°R47	3°39	25°49	18°29	T 21
W22	16 28 50	8° 0'07	20°34	29°32	22°22	15°17	9° 4	16° 9	7° 1	29°31	10°14	3°47	3°36	25°56	18°31	W22
T 23	16 32 47	8°57'26	4♑40	1♋ 3	23°11	15°55	8°58	16° 6	7° 3	29°30	10°15	3°46	3°33	26° 3	18°34	T 23
F 24	16 36 43	9°54'44	18°56	2°30	23°59	16°32	8°53	16° 3	7° 5	29°29	10°16	3°46	3°30	26° 9	18°37	F 24
S 25	16 40 40	10°52'01	3♒18	3°54	24°46	17° 9	8°47	16° 0	7° 7	29°28	10°17	3°45	3°26	26°16	18°39	S 25
S 26	16 44 36	11°49'18	17°41	5°16	25°32	17°46	8°42	15°57	7° 9	29°27	10°17	3°44	3°23	26°23	18°42	S 26
M27	16 48 33	12°46'35	2♓ 2	6°35	26°17	18°23	8°36	15°54	7°10	29°26	10°18	3°44	3°20	26°30	18°44	M27
T 28	16 52 29	13°43'51	16°16	7°51	27° 2	19° 1	8°31	15°50	7°12	29°25	10°19	3°D44	3°17	26°36	18°47	T 28
W29	16 56 26	14°41'07	0♈21	9° 3	27°45	19°38	8°26	15°47	7°14	29°24	10°20	3°44	3°14	26°43	18°49	W29
T 30	17 0 22	15°38'22	14°16	10°13	28°28	20°15	8°21	15°44	7°16	29°23	10°20	3°45	3°11	26°50	18°52	T 30
F 31	17 4 19	16♊35'38	28♈ 0	11♋20	29♋ 9	20♋52	8♏17	15♑40	7♈17	29♑22	10♈21	3♐46	3♐ 7	26♌56	18♈54	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	17n13	0n29	5n 4	17n46	0n19	26n32	3n 3	24n50	1n19	14s 7	1n17	22s11	0n16	1n50	0s41	20s 4	0n13	11s35	16s53	21s 0	21s 9	8n56	8n 5	1n18
T 2	17 29	5 41	4 34	18 31	0 29	26 30	3 3	24 49	1 19	14 4	1 17	22 11	0 16	1 51	0 41	20 4	0 13	11 35	16 53	20 59	21 9	8 54	8 6	1 18
F 3	17 45	10 32	3 47	19 15	0 40	26 28	3 3	24 48	1 19	14 2	1 17	22 11	0 16	1 52	0 41	20 5	0 13	11 35	16 54	20 59	21 8	8 52	8 7	1 18
S 4	18 0	14 46	2 47	19 57	0 49	26 26	3 3	24 47	1 19	14 0	1 17	22 12	0 16	1 53	0 41	20 5	0 13	11 34	16 54	20 59	21 7	8 49	8 9	1 18
S 5	18 15	18 8	1 39	20 37	0 59	26 22	3 2	24 45	1 19	13 58	1 16	22 12	0 16	1 54	0 41	20 5	0 13	11 34	16 54	20 58	21 7	8 47	8 10	1 18
M 6	18 30	20 26	0 26	21 15	1 8	26 19	3 2	24 44	1 19	13 56	1 16	22 12	0 16	1 55	0 41	20 5	0 13	11 34	16 54	20 58	21 6	8 45	8 11	1 18
T 7	18 45	21 34	0s47	21 51	1 17	26 14	3 1	24 42	1 19	13 53	1 16	22 12	0 16	1 56	0 41	20 5	0 13	11 34	16 54	20 58	21 6	8 42	8 12	1 18
W 8	18 59	21 30	1 55	22 24	1 25	26 9	3 1	24 40	1 19	13 51	1 16	22 13	0 16	1 57	0 41	20 5	0 13	11 33	16 55	20 58	21 5	8 40	8 13	1 18
T 9	19 13	20 21	2 57	22 54	1 33	26 4	3 0	24 38	1 19	13 49	1 16	22 13	0 16	1 58	0 41	20 5	0 13	11 33	16 55	20 59	21 5	8 38	8 14	1 18
F 10	19 27	18 16	3 49	23 22	1 40	25 58	2 59	24 36	1 19	13 47	1 16	22 13	0 16	1 59	0 41	20 5	0 13	11 33	16 55	20 59	21 4	8 35	8 16	1 18
S 11	19 40	15 23	4 30	23 47	1 46	25 51	2 57	24 34	1 19	13 45	1 16	22 13	0 16	2 0	0 41	20 5	0 13	11 33	16 55	20 59	21 3	8 33	8 17	1 18
S 12	19 53	11 55	4 58	24 9	1 51	25 44	2 56	24 31	1 19	13 43	1 15	22 14	0 16	2 1	0 41	20 5	0 13	11 33	16 56	20 59	21 3	8 30	8 18	1 18
M13	20 5	8 0	5 14	24 29	1 56	25 37	2 55	24 29	1 19	13 41	1 15	22 14	0 16	2 2	0 41	20 5	0 13	11 33	16 56	20 59	21 2	8 28	8 19	1 18
T 14	20 18	3 46	5 16	24 46	2 0	25 29	2 53	24 26	1 19	13 39	1 15	22 14	0 16	2 3	0 41	20 6	0 13	11 32	16 56	20 59	21 2	8 26	8 20	1 17
W15	20 30	0s37	5 5	25 1	2 4	25 20	2 51	24 23	1 19	13 37	1 15	22 15	0 16	2 4	0 41	20 6	0 13	11 32	16 57	20 59	21 1	8 23	8 21	1 17
T 16	20 41	5 3	4 40	25 13	2 6	25 12	2 49	24 19	1 18	13 35	1 15	22 15	0 15	2 5	0 41	20 6	0 13	11 32	16 57	20 59	21 0	8 21	8 22	1 17
F 17	20 52	9 21	4 1	25 22	2 8	25 2	2 46	24 16	1 18	13 33	1 15	22 16	0 15	2 6	0 41	20 6	0 13	11 32	16 57	20 59	21 0	8 19	8 23	1 17
S 18	21 3	13 22	3 10	25 30	2 9	24 52	2 44	24 12	1 18	13 32	1 14	22 16	0 15	2 6	0 41	20 6	0 13	11 32	16 57	20 59	20 59	8 16	8 24	1 17
S 19	21 14	16 51	2 9	25 35	2 10	24 42	2 41	24 8	1 18	13 30	1 14	22 16	0 15	2 7	0 41	20 6	0 13	11 32	16 58	20 59	20 59	8 14	8 26	1 17
M20	21 24	19 34	0 59	25 38	2 9	24 32	2 38	24 4	1 18	13 28	1 14	22 17	0 15	2 8	0 41	20 7	0 13	11 32	16 58	20 59	20 58	8 12	8 27	1 17
T 21	21 34	21 14	0n16	25 38	2 8	24 21	2 35	24 0	1 18	13 26	1 14	22 17	0 15	2 9	0 41	20 7	0 13	11 32	16 58	20 59	20 57	8 9	8 28	1 17
W22	21 43	21 40	1 32	25 37	2 6	24 9	2 32	23 56	1 18	13 24	1 14	22 18	0 15	2 10	0 41	20 7	0 13	11 32	16 58	20 59	20 57	8 7	8 29	1 17
T 23	21 52	20 44	2 43	25 34	2 3	23 58	2 28	23 52	1 18	13 23	1 13	22 18	0 15	2 10	0 41	20 7	0 13	11 32	16 59	20 59	20 56	8 5	8 30	1 17
F 24	22 1	18 28	3 45	25 30	2 0	23 46	2 25	23 47	1 18	13 21	1 13	22 18	0 15	2 11	0 41	20 7	0 13	11 32	16 59	20 59	20 56	8 2	8 31	1 17
S 25	22 9	15 3	4 33	25 24	1 56	23 33	2 21	23 42	1 18	13 20	1 13	22 19	0 15	2 12	0 41	20 7	0 13	11 32	16 59	20 59	20 55	8 0	8 32	1 17
S 26	22 17	10 45	5 4	25 16	1 51	23 21	2 16	23 37	1 18	13 18	1 13	22 19	0 15	2 13	0 41	20 8	0 13	11 32	17 0	20 58	20 54	7 58	8 32	1 17
M27	22 25	5 52	5 16	25 6	1 45	23 8	2 12	23 32	1 17	13 17	1 12	22 20	0 15	2 13	0 41	20 8	0 13	11 32	17 0	20 58	20 54	7 55	8 33	1 17
T 28	22 32	0 42	5 9	24 56	1 39	22 54	2 7	23 27	1 17	13 15	1 12	22 20	0 15	2 14	0 41	20 8	0 13	11 32	17 0	20 58	20 53	7 53	8 34	1 17
W29	22 38	4n28	4 43	24 44	1 32	22 41	2 2	23 21	1 17	13 14	1 12	22 21	0 15	2 15	0 42	20 8	0 13	11 32	17 1	20 58	20 53	7 51	8 35	1 17
T 30	22 45	9 21	4 1	24 31	1 24	22 27	1 57	23 16	1 17	13 12	1 12	22 21	0 14	2 15	0 42	20 9	0 13	11 32	17 1	20 58	20 52	7 48	8 36	1 17
F 31	22n51	13n41	3n 5	24n18	1n16	22n13	1n52	23n10	1n17	13s11	1n12	22s22	0n14	2n16	0s42	20s 9	0n13	11s32	17s 1	20s59	20s51	7n46	8n37	1n17

Julian Day Number = 2211343.5, Delta T = 09m20s
Ecliptic obliquity = 23°31'25, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°34'02, Lahiri = 14°41'02 Julian Calendar 1 May 1342 == Greg. Calendar 9 May 1342

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ASTRODIENST EPHEMERIS for the year 1342
geocentric

JUNE 1342 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	17 8 16	17♊32'53	11♉31	12♋23	29♋50	21♋30	8°R12	15°R36	7♈19	29°R21	10♈22	3♐47	3♐ 4	27♌ 3	18♈56	S 1
S 2	17 12 12	18°30'07	24°50	13°23	0♌29	22° 7	8♏ 8	15♑33	7°21	29♑20	10°22	3°47	3° 1	27°10	18°59	S 2
M 3	17 16 9	19°27'22	7♊55	14°20	1° 7	22°44	8° 4	15°29	7°22	29°19	10°23	3°R48	2°58	27°17	19° 1	M 3
T 4	17 20 5	20°24'36	20°46	15°13	1°45	23°21	7°59	15°25	7°24	29°18	10°24	3°47	2°55	27°23	19° 3	T 4
W 5	17 24 2	21°21'50	3♋24	16° 3	2°20	23°59	7°56	15°22	7°25	29°17	10°24	3°45	2°51	27°30	19° 5	W 5
T 6	17 27 58	22°19'03	15°49	16°49	2°55	24°36	7°52	15°18	7°27	29°15	10°25	3°43	2°48	27°37	19° 7	T 6
F 7	17 31 55	23°16'16	28° 2	17°31	3°29	25°13	7°48	15°14	7°28	29°14	10°25	3°40	2°45	27°43	19° 9	F 7
S 8	17 35 51	24°13'29	10♌ 6	18° 9	4° 1	25°51	7°45	15°10	7°29	29°13	10°26	3°37	2°42	27°50	19°11	S 8
S 9	17 39 48	25°10'41	22° 2	18°44	4°31	26°28	7°42	15° 6	7°31	29°12	10°26	3°34	2°39	27°57	19°13	S 9
M10	17 43 45	26° 7'52	3♍55	19°14	5° 0	27° 5	7°38	15° 2	7°32	29°10	10°27	3°32	2°36	28° 4	19°15	M10
T 11	17 47 41	27° 5'03	15°49	19°40	5°28	27°43	7°36	14°58	7°33	29° 9	10°27	3°30	2°32	28°10	19°17	T 11
W12	17 51 38	28° 2'14	27°46	20° 1	5°54	28°20	7°33	14°54	7°34	29° 8	10°28	3°D30	2°29	28°17	19°19	W12
T 13	17 55 34	28°59'24	9♎53	20°18	6°19	28°58	7°30	14°50	7°35	29° 7	10°28	3°30	2°26	28°24	19°20	T 13
F 14	17 59 31	29°56'34	22°14	20°31	6°41	29°35	7°28	14°45	7°36	29° 5	10°29	3°31	2°23	28°31	19°22	F 14
S 15	18 3 27	0♋53'43	4♏52	20°39	7° 2	0♌12	7°26	14°41	7°37	29° 4	10°29	3°33	2°20	28°37	19°24	S 15
S 16	18 7 24	1°50'52	17°53	20°R42	7°21	0°50	7°24	14°37	7°38	29° 2	10°29	3°34	2°17	28°44	19°25	S 16
M17	18 11 20	2°48'02	1♐17	20°41	7°39	1°27	7°22	14°33	7°39	29° 1	10°30	3°R35	2°13	28°51	19°27	M17
T 18	18 15 17	3°45'11	15° 6	20°35	7°54	2° 5	7°20	14°28	7°40	29° 0	10°30	3°35	2°10	28°57	19°29	T 18
W19	18 19 14	4°42'20	29°17	20°24	8° 7	2°42	7°19	14°24	7°41	28°58	10°30	3°33	2° 7	29° 4	19°30	W19
T 20	18 23 10	5°39'29	13♑48	20° 9	8°19	3°19	7°17	14°20	7°42	28°57	10°31	3°29	2° 4	29°11	19°31	T 20
F 21	18 27 7	6°36'38	28°31	19°50	8°28	3°57	7°16	14°15	7°42	28°55	10°31	3°25	2° 1	29°18	19°33	F 21
S 22	18 31 3	7°33'48	13♒20	19°26	8°35	4°34	7°15	14°11	7°43	28°54	10°31	3°20	1°57	29°24	19°34	S 22
S 23	18 35 0	8°30'58	28° 6	18°59	8°40	5°12	7°15	14° 7	7°44	28°52	10°32	3°16	1°54	29°31	19°35	S 23
M24	18 38 56	9°28'08	12♓42	18°28	8°42	5°49	7°14	14° 2	7°44	28°51	10°32	3°12	1°51	29°38	19°37	M24
T 25	18 42 53	10°25'19	27° 5	17°55	8°R42	6°27	7°13	13°58	7°45	28°49	10°32	3°10	1°48	29°45	19°38	T 25
W26	18 46 49	11°22'30	11♈ 9	17°19	8°40	7° 4	7°13	13°53	7°45	28°48	10°32	3°D 9	1°45	29°51	19°39	W26
T 27	18 50 46	12°19'42	24°56	16°41	8°36	7°42	7°D13	13°49	7°46	28°46	10°32	3°10	1°42	29°58	19°40	T 27
F 28	18 54 43	13°16'55	8♉24	16° 1	8°29	8°19	7°13	13°45	7°46	28°45	10°32	3°11	1°38	0♍ 5	19°41	F 28
S 29	18 58 39	14°14'08	21°36	15°21	8°20	8°57	7°14	13°40	7°47	28°43	10°32	3°12	1°35	0°11	19°42	S 29
S 30	19 2 36	15♋11'23	4♊33	14♋41	8♌ 9	9♌34	7♏14	13♑36	7♈47	28♑42	10♈32	3°R13	1♐32	0♍18	19♈43	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n56	17n15	2n 0	24n 3	1n 6	21n59	1n46	23n 4	1n17	13s10	1n11	22s22	0n14	2n17	0s42	20s 9	0n13	11s32	17s 2	20s59	20s51	7n44	8n38	1n17
S 2	23 1	19 50	0 49	23 47	0 57	21 45	1 40	22 58	1 17	13 9	1 11	22 23	0 14	2 17	0 42	20 9	0 13	11 32	17 2	20 59	20 50	7 41	8 39	1 17
M 3	23 6	21 20	0s23	23 31	0 46	21 30	1 34	22 51	1 17	13 8	1 11	22 23	0 14	2 18	0 42	20 9	0 13	11 32	17 2	20 59	20 49	7 39	8 40	1 17
T 4	23 11	21 40	1 32	23 14	0 35	21 16	1 27	22 45	1 16	13 7	1 11	22 24	0 14	2 18	0 42	20 10	0 13	11 32	17 3	20 59	20 49	7 36	8 40	1 17
W 5	23 14	20 53	2 36	22 57	0 24	21 1	1 21	22 38	1 16	13 5	1 10	22 24	0 14	2 19	0 42	20 10	0 13	11 32	17 3	20 59	20 48	7 34	8 41	1 17
T 6	23 18	19 5	3 31	22 39	0 12	20 46	1 13	22 32	1 16	13 5	1 10	22 25	0 14	2 20	0 42	20 10	0 13	11 32	17 3	20 58	20 48	7 32	8 42	1 17
F 7	23 21	16 27	4 16	22 21	0s 1	20 31	1 6	22 25	1 16	13 4	1 10	22 25	0 14	2 20	0 42	20 10	0 13	11 32	17 4	20 58	20 47	7 29	8 43	1 17
S 8	23 24	13 9	4 48	22 3	0 14	20 16	0 58	22 18	1 16	13 3	1 10	22 26	0 14	2 21	0 42	20 11	0 13	11 32	17 4	20 57	20 46	7 27	8 44	1 17
S 9	23 26	9 21	5 8	21 45	0 28	20 1	0 50	22 10	1 16	13 2	1 9	22 26	0 14	2 21	0 42	20 11	0 13	11 32	17 4	20 56	20 46	7 25	8 44	1 17
M10	23 28	5 13	5 14	21 27	0 42	19 46	0 42	22 3	1 15	13 1	1 9	22 27	0 14	2 21	0 42	20 11	0 13	11 32	17 5	20 56	20 45	7 22	8 45	1 17
T 11	23 29	0 54	5 7	21 9	0 56	19 31	0 34	21 55	1 15	13 0	1 9	22 27	0 14	2 22	0 42	20 12	0 13	11 33	17 5	20 56	20 45	7 20	8 46	1 17
W12	23 31	3s29	4 47	20 51	1 11	19 16	0 25	21 48	1 15	13 0	1 9	22 28	0 13	2 22	0 42	20 12	0 13	11 33	17 5	20 56	20 44	7 18	8 46	1 17
T 13	23 31	7 48	4 13	20 34	1 26	19 1	0 15	21 40	1 15	12 59	1 8	22 28	0 13	2 23	0 42	20 12	0 13	11 33	17 6	20 56	20 43	7 15	8 47	1 17
F 14	23 31	11 53	3 28	20 16	1 42	18 46	0 6	21 32	1 15	12 59	1 8	22 29	0 13	2 23	0 42	20 12	0 13	11 33	17 6	20 56	20 43	7 13	8 48	1 17
S 15	23 31	15 34	2 31	20 0	1 57	18 31	0s 4	21 24	1 15	12 58	1 8	22 30	0 13	2 24	0 42	20 13	0 13	11 33	17 6	20 56	20 42	7 11	8 48	1 17
S 16	23 31	18 35	1 25	19 44	2 13	18 16	0 14	21 15	1 15	12 58	1 8	22 30	0 13	2 24	0 42	20 13	0 13	11 33	17 7	20 56	20 41	7 8	8 49	1 17
M17	23 30	20 42	0 13	19 29	2 28	18 2	0 25	21 7	1 14	12 57	1 7	22 31	0 13	2 24	0 42	20 13	0 13	11 34	17 7	20 57	20 41	7 6	8 50	1 17
T 18	23 28	21 39	1n 3	19 15	2 44	17 47	0 35	20 58	1 14	12 57	1 7	22 31	0 13	2 25	0 42	20 14	0 13	11 34	17 7	20 57	20 40	7 4	8 50	1 17
W19	23 26	21 15	2 16	19 1	2 59	17 33	0 46	20 50	1 14	12 57	1 7	22 32	0 13	2 25	0 42	20 14	0 13	11 34	17 8	20 56	20 39	7 1	8 51	1 17
T 20	23 24	19 27	3 22	18 49	3 14	17 19	0 58	20 41	1 14	12 57	1 6	22 32	0 13	2 25	0 42	20 14	0 13	11 34	17 8	20 56	20 39	6 59	8 51	1 17
F 21	23 21	16 21	4 16	18 37	3 28	17 5	1 10	20 32	1 14	12 57	1 6	22 33	0 13	2 25	0 42	20 15	0 13	11 34	17 9	20 55	20 38	6 56	8 52	1 17
S 22	23 18	12 12	4 52	18 27	3 42	16 52	1 22	20 23	1 14	12 57	1 6	22 33	0 13	2 26	0 42	20 15	0 13	11 35	17 9	20 54	20 38	6 54	8 52	1 17
S 23	23 15	7 20	5 10	18 18	3 54	16 39	1 34	20 13	1 13	12 57	1 6	22 34	0 13	2 26	0 42	20 15	0 13	11 35	17 9	20 53	20 37	6 52	8 53	1 17
M24	23 11	2 5	5 7	18 11	4 6	16 26	1 47	20 4	1 13	12 57	1 5	22 34	0 12	2 26	0 42	20 15	0 13	11 35	17 10	20 52	20 36	6 49	8 53	1 17
T 25	23 7	3n11	4 45	18 4	4 17	16 13	2 0	19 54	1 13	12 57	1 5	22 35	0 12	2 26	0 42	20 16	0 13	11 35	17 10	20 52	20 36	6 47	8 54	1 17
W26	23 2	8 11	4 5	17 59	4 27	16 1	2 13	19 45	1 13	12 57	1 5	22 36	0 12	2 26	0 42	20 16	0 13	11 36	17 10	20 52	20 35	6 45	8 54	1 17
T 27	22 57	12 40	3 13	17 56	4 35	15 49	2 26	19 35	1 13	12 57	1 5	22 36	0 12	2 27	0 42	20 16	0 13	11 36	17 11	20 52	20 34	6 42	8 54	1 17
F 28	22 51	16 25	2 11	17 54	4 42	15 38	2 40	19 25	1 12	12 57	1 4	22 37	0 12	2 27	0 42	20 17	0 13	11 36	17 11	20 52	20 34	6 40	8 55	1 17
S 29	22 46	19 14	1 3	17 53	4 47	15 27	2 53	19 15	1 12	12 58	1 4	22 37	0 12	2 27	0 42	20 17	0 13	11 37	17 11	20 52	20 33	6 38	8 55	1 17
S 30	22n39	21n 0	0s 7	17n54	4s50	15n17	3s 7	19n 4	1n12	12s58	1n 4	22s38	0n12	2n27	0s42	20s17	0n12	11s37	17s12	20s52	20s32	6n35	8n56	1n17

Julian Day Number = 2211374.5, Delta T = 09m20s
Ecliptic obliquity = 23°31'24, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°34'06, Lahiri = 14°41'06 Julian Calendar 1 June 1342 == Greg. Calendar 9 June 1342

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ASTRODIENST EPHEMERIS for the year 1342
geocentric

JULY 1342 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	19 6 32	16♋ 8'37	17♊17	14°R 2	7°R55	10♌12	7♏15	13°R31	7♈47	28°R40	10♈33	3°R12	1♐29	0♍25	19♈44	M 1
T 2	19 10 29	17° 5'53	29°49	13♋24	7♌39	10°50	7°16	13♑27	7°47	28♑38	10°33	3♐ 9	1°26	0°32	19°44	T 2
W 3	19 14 25	18° 3'09	12♋12	12°48	7°20	11°27	7°17	13°23	7°47	28°37	10°R33	3° 4	1°23	0°38	19°45	W 3
T 4	19 18 22	19° 0'26	24°25	12°15	7° 0	12° 5	7°18	13°18	7°48	28°35	10°33	2°57	1°19	0°45	19°46	T 4
F 5	19 22 19	19°57'43	6♌30	11°45	6°37	12°43	7°19	13°14	7°48	28°34	10°33	2°49	1°16	0°52	19°47	F 5
S 6	19 26 15	20°55'00	18°29	11°20	6°12	13°20	7°21	13° 9	7°R48	28°32	10°32	2°40	1°13	0°59	19°47	S 6
S 7	19 30 12	21°52'18	0♍23	10°59	5°45	13°58	7°23	13° 5	7°48	28°30	10°32	2°31	1°10	1° 5	19°48	S 7
M 8	19 34 8	22°49'37	12°15	10°42	5°16	14°36	7°25	13° 1	7°48	28°29	10°32	2°23	1° 7	1°12	19°48	M 8
T 9	19 38 5	23°46'56	24° 6	10°31	4°45	15°13	7°27	12°56	7°47	28°27	10°32	2°17	1° 3	1°19	19°49	T 9
W10	19 42 1	24°44'16	6♎ 2	10°D26	4°13	15°51	7°29	12°52	7°47	28°26	10°32	2°13	1° 0	1°25	19°49	W10
T 11	19 45 58	25°41'36	18° 7	10°26	3°40	16°29	7°32	12°48	7°47	28°24	10°32	2°11	0°57	1°32	19°49	T 11
F 12	19 49 54	26°38'57	0♏24	10°33	3° 5	17° 7	7°34	12°44	7°47	28°22	10°32	2°D11	0°54	1°39	19°49	F 12
S 13	19 53 51	27°36'18	12°59	10°45	2°29	17°44	7°37	12°39	7°46	28°21	10°32	2°12	0°51	1°46	19°50	S 13
S 14	19 57 48	28°33'40	25°57	11° 4	1°53	18°22	7°40	12°35	7°46	28°19	10°31	2°R13	0°48	1°52	19°50	S 14
M15	20 1 44	29°31'03	9♐21	11°30	1°16	19° 0	7°43	12°31	7°45	28°17	10°31	2°12	0°44	1°59	19°50	M15
T 16	20 5 41	0♑28'26	23°13	12° 1	0°38	19°38	7°46	12°27	7°45	28°16	10°31	2°11	0°41	2° 6	19°R50	T 16
W17	20 9 37	1°25'50	7♑33	12°39	0° 1	20°16	7°50	12°23	7°44	28°14	10°30	2° 7	0°38	2°12	19°50	W17
T 18	20 13 34	2°23'15	22°18	13°23	29♋24	20°53	7°54	12°19	7°44	28°13	10°30	2° 0	0°35	2°19	19°50	T 18
F 19	20 17 30	3°20'41	7♒20	14°14	28°47	21°31	7°57	12°15	7°43	28°11	10°30	1°52	0°32	2°26	19°50	F 19
S 20	20 21 27	4°18'08	22°30	15°10	28°11	22° 9	8° 1	12°11	7°43	28° 9	10°30	1°43	0°29	2°33	19°50	S 20
S 21	20 25 23	5°15'36	7♓39	16°13	27°36	22°47	8° 6	12° 7	7°42	28° 8	10°29	1°34	0°25	2°39	19°49	S 21
M22	20 29 20	6°13'05	22°35	17°21	27° 1	23°25	8°10	12° 3	7°41	28° 6	10°29	1°27	0°22	2°46	19°49	M22
T 23	20 33 17	7°10'36	7♈11	18°35	26°29	24° 3	8°14	11°59	7°40	28° 4	10°28	1°21	0°19	2°53	19°49	T 23
W24	20 37 13	8° 8'08	21°24	19°54	25°57	24°41	8°19	11°56	7°39	28° 3	10°28	1°18	0°16	3° 0	19°48	W24
T 25	20 41 10	9° 5'42	5♉12	21°19	25°28	25°19	8°24	11°52	7°39	28° 1	10°27	1°D17	0°13	3° 6	19°48	T 25
F 26	20 45 6	10° 3'17	18°35	22°48	25° 0	25°57	8°29	11°48	7°38	28° 0	10°27	1°17	0° 9	3°13	19°47	F 26
S 27	20 49 3	11° 0'54	1♊37	24°22	24°34	26°35	8°34	11°45	7°37	27°58	10°27	1°R17	0° 6	3°20	19°47	S 27
S 28	20 52 59	11°58'32	14°21	26° 1	24°10	27°13	8°39	11°41	7°36	27°57	10°26	1°17	0° 3	3°26	19°46	S 28
M29	20 56 56	12°56'12	26°51	27°43	23°48	27°51	8°45	11°38	7°35	27°55	10°25	1°14	29♏59	3°33	19°45	M29
T 30	21 0 52	13°53'53	9♋ 9	29°29	23°29	28°29	8°50	11°34	7°33	27°53	10°25	1° 9	29°57	3°40	19°45	T 30
W31	21 4 49	14♌51'36	21♋19	1♌18	23♋12	29♌ 7	8♏56	11♑31	7♈32	27♑52	10♈24	1♐ 1	29♏54	3♍47	19♈44	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	22n33	21n40	1s15	17n56	4s52	15n 7	3s21	18n54	1n12	12s59	1n 4	22s38	0n12	2n27	0s43	20s18	0n12	11s37	17s12	20s52	20s32	6n33	8n56	1n17
T 2	22 26	21 13	2 19	18 0	4 52	14 57	3 35	18 44	1 12	12 59	1 3	22 39	0 12	2 27	0 43	20 18	0 12	11 37	17 12	20 52	20 31	6 31	8 56	1 17
W 3	22 18	19 44	3 15	18 5	4 51	14 48	3 49	18 33	1 11	13 0	1 3	22 39	0 12	2 27	0 43	20 18	0 12	11 38	17 13	20 51	20 30	6 28	8 56	1 17
T 4	22 10	17 22	4 1	18 11	4 47	14 40	4 3	18 22	1 11	13 1	1 3	22 40	0 12	2 27	0 43	20 19	0 12	11 38	17 13	20 49	20 30	6 26	8 57	1 17
F 5	22 2	14 16	4 35	18 18	4 43	14 32	4 17	18 11	1 11	13 1	1 2	22 40	0 11	2 27	0 43	20 19	0 12	11 38	17 14	20 48	20 29	6 23	8 57	1 17
S 6	21 53	10 37	4 57	18 27	4 36	14 24	4 31	18 0	1 11	13 2	1 2	22 41	0 11	2 27	0 43	20 19	0 12	11 39	17 14	20 46	20 29	6 21	8 57	1 17
S 7	21 44	6 36	5 6	18 36	4 29	14 18	4 45	17 49	1 11	13 3	1 2	22 41	0 11	2 27	0 43	20 20	0 12	11 39	17 14	20 44	20 28	6 19	8 57	1 17
M 8	21 35	2 20	5 2	18 47	4 19	14 11	4 59	17 38	1 10	13 4	1 2	22 42	0 11	2 27	0 43	20 20	0 12	11 40	17 15	20 43	20 27	6 16	8 58	1 17
T 9	21 25	2s 1	4 45	18 58	4 9	14 6	5 12	17 27	1 10	13 5	1 1	22 42	0 11	2 27	0 43	20 20	0 12	11 40	17 15	20 41	20 27	6 14	8 58	1 17
W10	21 15	6 18	4 15	19 10	3 58	14 1	5 25	17 15	1 10	13 6	1 1	22 43	0 11	2 27	0 43	20 21	0 12	11 40	17 15	20 41	20 26	6 12	8 58	1 17
T 11	21 5	10 25	3 34	19 22	3 45	13 56	5 37	17 4	1 10	13 7	1 1	22 43	0 11	2 27	0 43	20 21	0 12	11 41	17 16	20 40	20 25	6 9	8 58	1 17
F 12	20 54	14 11	2 42	19 35	3 32	13 52	5 49	16 52	1 9	13 8	1 1	22 44	0 11	2 26	0 43	20 21	0 12	11 41	17 16	20 40	20 25	6 7	8 58	1 17
S 13	20 43	17 24	1 41	19 48	3 18	13 49	6 1	16 40	1 9	13 9	1 0	22 44	0 11	2 26	0 43	20 22	0 12	11 41	17 16	20 40	20 24	6 5	8 58	1 17
S 14	20 31	19 51	0 34	20 1	3 4	13 46	6 11	16 28	1 9	13 10	1 0	22 45	0 11	2 26	0 43	20 22	0 12	11 42	17 17	20 41	20 23	6 2	8 58	1 17
M15	20 19	21 18	0n38	20 13	2 49	13 44	6 22	16 16	1 9	13 11	1 0	22 45	0 11	2 26	0 43	20 22	0 12	11 42	17 17	20 41	20 23	6 0	8 58	1 17
T 16	20 7	21 31	1 50	20 26	2 33	13 43	6 31	16 4	1 8	13 13	1 0	22 46	0 10	2 26	0 43	20 23	0 12	11 43	17 17	20 40	20 22	5 58	8 58	1 17
W17	19 55	20 22	2 57	20 38	2 18	13 42	6 40	15 52	1 8	13 14	0 59	22 46	0 10	2 25	0 43	20 23	0 12	11 43	17 18	20 39	20 21	5 55	8 58	1 17
T 18	19 42	17 49	3 54	20 49	2 2	13 41	6 48	15 39	1 8	13 16	0 59	22 47	0 10	2 25	0 43	20 24	0 12	11 44	17 18	20 38	20 21	5 53	8 58	1 17
F 19	19 29	14 3	4 36	21 0	1 46	13 41	6 56	15 27	1 8	13 17	0 59	22 47	0 10	2 25	0 43	20 24	0 12	11 44	17 18	20 36	20 20	5 51	8 58	1 17
S 20	19 15	9 20	5 0	21 9	1 31	13 42	7 2	15 14	1 8	13 19	0 59	22 48	0 10	2 25	0 43	20 24	0 12	11 44	17 19	20 35	20 19	5 48	8 58	1 17
S 21	19 1	4 4	5 2	21 18	1 15	13 43	7 8	15 2	1 7	13 20	0 58	22 48	0 10	2 24	0 43	20 25	0 12	11 45	17 19	20 33	20 19	5 46	8 58	1 17
M22	18 47	1n23	4 43	21 24	1 0	13 44	7 13	14 49	1 7	13 22	0 58	22 49	0 10	2 24	0 43	20 25	0 12	11 45	17 19	20 31	20 18	5 43	8 58	1 17
T 23	18 33	6 38	4 7	21 30	0 45	13 46	7 18	14 36	1 7	13 23	0 58	22 49	0 10	2 24	0 43	20 25	0 12	11 46	17 20	20 30	20 17	5 41	8 58	1 17
W24	18 18	11 23	3 15	21 33	0 30	13 48	7 21	14 23	1 7	13 25	0 58	22 49	0 10	2 23	0 43	20 26	0 12	11 46	17 20	20 30	20 17	5 39	8 58	1 17
T 25	18 3	15 24	2 14	21 34	0 16	13 51	7 24	14 10	1 6	13 27	0 57	22 50	0 10	2 23	0 43	20 26	0 12	11 47	17 20	20 29	20 16	5 36	8 57	1 17
F 26	17 47	18 29	1 7	21 33	0 2	13 54	7 25	13 57	1 6	13 29	0 57	22 50	0 10	2 22	0 43	20 26	0 12	11 47	17 21	20 29	20 15	5 34	8 57	1 17
S 27	17 32	20 32	0s 2	21 30	0n11	13 57	7 27	13 44	1 6	13 31	0 57	22 51	0 9	2 22	0 43	20 27	0 12	11 48	17 21	20 29	20 15	5 32	8 57	1 17
S 28	17 16	21 28	1 9	21 24	0 23	14 1	7 27	13 30	1 6	13 33	0 57	22 51	0 9	2 22	0 43	20 27	0 12	11 48	17 21	20 29	20 14	5 29	8 57	1 17
M29	16 59	21 18	2 11	21 15	0 34	14 5	7 27	13 17	1 5	13 35	0 56	22 52	0 9	2 21	0 43	20 27	0 12	11 49	17 22	20 29	20 13	5 27	8 57	1 17
T 30	16 43	20 6	3 6	21 4	0 45	14 9	7 26	13 3	1 5	13 37	0 56	22 52	0 9	2 21	0 43	20 27	0 12	11 49	17 22	20 28	20 13	5 25	8 56	1 17
W31	16n26	18n 0	3s52	20n50	0n55	14n13	7s24	12n50	1n 5	13s39	0n56	22s52	0n 9	2n20	0s43	20s28	0n12	11s50	17s22	20s26	20s12	5n22	8n56	1n17

Julian Day Number = 2211404.5, Delta T = 09m20s
Ecliptic obliquity = 23°31'24, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°34'10, Lahiri = 14°41'11 Julian Calendar 1 July 1342 == Greg. Calendar 9 July 1342

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ASTRODIENST EPHEMERIS for the year 1342
geocentric

AUGUST 1342 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	21 8 46	15♌49'20	3♌22	3♌ 9	22°R57	29♌45	9♏ 2	11°R28	7°R31	27°R50	10°R24	0°R50	29♏50	3♍53	19°R43	T 1
F 2	21 12 42	16°47'06	15°20	5° 3	22♋45	0♍23	9° 8	11♑25	7♈30	27♑49	10♈23	0♐37	29°47	4° 0	19♈42	F 2
S 3	21 16 39	17°44'53	27°14	6°59	22°35	1° 2	9°14	11°21	7°29	27°47	10°23	0°24	29°44	4° 7	19°41	S 3
S 4	21 20 35	18°42'41	9♍ 6	8°56	22°27	1°40	9°20	11°18	7°27	27°46	10°22	0°10	29°41	4°14	19°40	S 4
M 5	21 24 32	19°40'31	20°57	10°55	22°22	2°18	9°27	11°15	7°26	27°44	10°21	29♏58	29°38	4°20	19°39	M 5
T 6	21 28 28	20°38'22	2♎50	12°54	22°19	2°56	9°33	11°13	7°24	27°43	10°21	29°48	29°35	4°27	19°38	T 6
W 7	21 32 25	21°36'15	14°46	14°53	22°D18	3°34	9°40	11°10	7°23	27°41	10°20	29°41	29°31	4°34	19°37	W 7
T 8	21 36 21	22°34'09	26°50	16°53	22°20	4°13	9°47	11° 7	7°21	27°40	10°19	29°36	29°28	4°40	19°36	T 8
F 9	21 40 18	23°32'04	9♏ 6	18°53	22°24	4°51	9°54	11° 4	7°20	27°38	10°18	29°34	29°25	4°47	19°35	F 9
S 10	21 44 14	24°30'00	21°38	20°52	22°31	5°29	10° 1	11° 2	7°18	27°37	10°18	29°33	29°22	4°54	19°33	S 10
S 11	21 48 11	25°27'58	4♐30	22°51	22°39	6° 8	10° 9	10°59	7°17	27°36	10°17	29°33	29°19	5° 1	19°32	S 11
M12	21 52 8	26°25'58	17°48	24°49	22°50	6°46	10°16	10°57	7°15	27°34	10°16	29°33	29°15	5° 7	19°31	M12
T 13	21 56 4	27°23'58	1♑35	26°46	23° 2	7°24	10°24	10°54	7°13	27°33	10°15	29°30	29°12	5°14	19°29	T 13
W14	22 0 1	28°22'00	15°51	28°43	23°17	8° 3	10°31	10°52	7°12	27°32	10°15	29°25	29° 9	5°21	19°28	W14
T 15	22 3 57	29°20'04	0♒35	0♍38	23°34	8°41	10°39	10°50	7°10	27°30	10°14	29°18	29° 6	5°27	19°26	T 15
F 16	22 7 54	0♍18'09	15°41	2°33	23°52	9°20	10°47	10°48	7° 8	27°29	10°13	29° 8	29° 3	5°34	19°24	F 16
S 17	22 11 50	1°16'16	1♓ 0	4°26	24°13	9°58	10°55	10°46	7° 6	27°28	10°12	28°57	29° 0	5°41	19°23	S 17
S 18	22 15 47	2°14'24	16°20	6°18	24°35	10°37	11° 3	10°44	7° 5	27°26	10°11	28°47	28°56	5°48	19°21	S 18
M19	22 19 43	3°12'34	1♈30	8° 9	24°59	11°15	11°12	10°42	7° 3	27°25	10°10	28°37	28°53	5°54	19°19	M19
T 20	22 23 40	4°10'46	16°21	9°59	25°25	11°54	11°20	10°40	7° 1	27°24	10° 9	28°30	28°50	6° 1	19°18	T 20
W21	22 27 37	5° 9'00	0♉45	11°48	25°52	12°32	11°29	10°39	6°59	27°23	10° 9	28°26	28°47	6° 8	19°16	W21
T 22	22 31 33	6° 7'17	14°41	13°36	26°21	13°11	11°37	10°37	6°57	27°22	10° 8	28°24	28°44	6°15	19°14	T 22
F 23	22 35 30	7° 5'35	28° 8	15°22	26°51	13°49	11°46	10°35	6°55	27°20	10° 7	28°D23	28°40	6°21	19°12	F 23
S 24	22 39 26	8° 3'56	11♊11	17° 8	27°23	14°28	11°55	10°34	6°53	27°19	10° 6	28°R23	28°37	6°28	19°10	S 24
S 25	22 43 23	9° 2'19	23°51	18°52	27°57	15° 7	12° 4	10°33	6°51	27°18	10° 5	28°22	28°34	6°35	19° 8	S 25
M26	22 47 19	10° 0'43	6♋15	20°35	28°31	15°45	12°13	10°32	6°49	27°17	10° 4	28°20	28°31	6°41	19° 6	M26
T 27	22 51 16	10°59'11	18°26	22°17	29° 7	16°24	12°22	10°30	6°47	27°16	10° 3	28°15	28°28	6°48	19° 4	T 27
W28	22 55 12	11°57'40	0♌28	23°58	29°44	17° 3	12°32	10°29	6°45	27°15	10° 2	28° 7	28°25	6°55	19° 2	W28
T 29	22 59 9	12°56'11	12°24	25°37	0♌23	17°42	12°41	10°28	6°42	27°14	10° 1	27°56	28°21	7° 2	19° 0	T 29
F 30	23 3 6	13°54'44	24°17	27°16	1° 2	18°20	12°51	10°28	6°40	27°13	10° 0	27°44	28°18	7° 8	18°58	F 30
S 31	23 7 2	14♍53'19	6♍ 9	28♍54	1♌43	18♍59	13♏ 0	10♑27	6♈38	27♑12	9♈59	27♏30	28♏15	7♍15	18♈55	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	16n 9	15n 8	4s27	20n34	1n 4	14n18	7s22	12n36	1n 4	13s41	0n56	22s53	0n 9	2n20	0s43	20s28	0n12	11s50	17s23	20s24	20s11	5n20	8n56	1n17
F 2	15 52	11 41	4 50	20 14	1 12	14 22	7 19	12 22	1 4	13 43	0 55	22 53	0 9	2 19	0 43	20 28	0 12	11 51	17 23	20 21	20 11	5 18	8 55	1 17
S 3	15 34	7 47	5 0	19 52	1 20	14 27	7 16	12 9	1 4	13 45	0 55	22 53	0 9	2 19	0 43	20 29	0 12	11 51	17 23	20 18	20 10	5 15	8 55	1 17
S 4	15 16	3 36	4 57	19 28	1 26	14 32	7 12	11 55	1 4	13 47	0 55	22 54	0 9	2 18	0 44	20 29	0 12	11 52	17 24	20 15	20 9	5 13	8 55	1 17
M 5	14 58	0s42	4 41	19 1	1 31	14 37	7 8	11 41	1 3	13 50	0 55	22 54	0 9	2 18	0 44	20 29	0 12	11 52	17 24	20 13	20 9	5 11	8 54	1 17
T 6	14 40	4 59	4 12	18 32	1 36	14 42	7 4	11 27	1 3	13 52	0 54	22 54	0 8	2 17	0 44	20 30	0 12	11 53	17 24	20 11	20 8	5 8	8 54	1 17
W 7	14 21	9 7	3 33	18 1	1 40	14 47	6 59	11 12	1 3	13 54	0 54	22 55	0 8	2 16	0 44	20 30	0 12	11 53	17 24	20 9	20 7	5 6	8 53	1 17
T 8	14 2	12 55	2 44	17 27	1 42	14 52	6 54	10 58	1 2	13 57	0 54	22 55	0 8	2 16	0 44	20 30	0 12	11 54	17 25	20 8	20 6	5 3	8 53	1 17
F 9	13 43	16 15	1 46	16 52	1 45	14 57	6 48	10 44	1 2	13 59	0 54	22 55	0 8	2 15	0 44	20 31	0 12	11 54	17 25	20 8	20 6	5 1	8 52	1 17
S 10	13 24	18 54	0 42	16 16	1 46	15 1	6 42	10 29	1 2	14 2	0 53	22 56	0 8	2 14	0 44	20 31	0 12	11 55	17 25	20 8	20 5	4 59	8 52	1 17
S 11	13 5	20 41	0n26	15 37	1 47	15 6	6 36	10 15	1 2	14 4	0 53	22 56	0 8	2 14	0 44	20 31	0 12	11 55	17 25	20 8	20 4	4 56	8 51	1 17
M12	12 45	21 23	1 35	14 58	1 46	15 11	6 29	10 0	1 1	14 7	0 53	22 56	0 8	2 13	0 44	20 31	0 12	11 56	17 26	20 7	20 4	4 54	8 51	1 17
T 13	12 25	20 50	2 40	14 17	1 46	15 15	6 23	9 46	1 1	14 9	0 53	22 57	0 8	2 12	0 44	20 32	0 12	11 56	17 26	20 7	20 3	4 52	8 50	1 17
W14	12 5	18 58	3 38	13 36	1 44	15 20	6 16	9 31	1 1	14 12	0 53	22 57	0 8	2 12	0 44	20 32	0 12	11 57	17 26	20 6	20 2	4 49	8 50	1 17
T 15	11 45	15 48	4 24	12 53	1 42	15 24	6 9	9 16	1 0	14 14	0 52	22 57	0 8	2 11	0 44	20 32	0 12	11 57	17 26	20 4	20 2	4 47	8 49	1 17
F 16	11 24	11 32	4 52	12 10	1 40	15 28	6 2	9 2	1 0	14 17	0 52	22 57	0 8	2 10	0 44	20 33	0 12	11 58	17 27	20 2	20 1	4 45	8 48	1 17
S 17	11 4	6 29	5 0	11 25	1 37	15 32	5 54	8 47	1 0	14 20	0 52	22 58	0 7	2 10	0 44	20 33	0 12	11 59	17 27	20 0	20 0	4 42	8 48	1 17
S 18	10 43	1 1	4 46	10 41	1 34	15 35	5 47	8 32	1 0	14 23	0 52	22 58	0 7	2 9	0 44	20 33	0 12	11 59	17 27	19 57	20 0	4 40	8 47	1 17
M19	10 22	4n28	4 13	9 56	1 30	15 39	5 39	8 17	0 59	14 25	0 52	22 58	0 7	2 8	0 44	20 33	0 12	12 0	17 27	19 55	19 59	4 38	8 46	1 17
T 20	10 1	9 34	3 23	9 10	1 26	15 42	5 32	8 2	0 59	14 28	0 51	22 58	0 7	2 7	0 44	20 34	0 12	12 0	17 28	19 54	19 58	4 35	8 46	1 17
W21	9 39	13 58	2 20	8 25	1 21	15 44	5 24	7 47	0 59	14 31	0 51	22 59	0 7	2 7	0 44	20 34	0 12	12 1	17 28	19 53	19 57	4 33	8 45	1 17
T 22	9 18	17 27	1 12	7 39	1 16	15 47	5 16	7 32	0 58	14 34	0 51	22 59	0 7	2 6	0 44	20 34	0 12	12 1	17 28	19 52	19 57	4 31	8 44	1 17
F 23	8 56	19 50	0 1	6 53	1 11	15 49	5 8	7 16	0 58	14 37	0 51	22 59	0 7	2 5	0 44	20 34	0 12	12 2	17 28	19 52	19 56	4 28	8 43	1 17
S 24	8 34	21 5	1s 7	6 6	1 5	15 50	5 1	7 1	0 58	14 40	0 51	22 59	0 7	2 4	0 44	20 35	0 12	12 2	17 28	19 52	19 55	4 26	8 43	1 17
S 25	8 13	21 13	2 10	5 20	1 0	15 52	4 53	6 46	0 57	14 43	0 50	23 0	0 7	2 3	0 44	20 35	0 12	12 3	17 29	19 52	19 55	4 24	8 42	1 17
M26	7 50	20 17	3 6	4 34	0 54	15 53	4 45	6 31	0 57	14 46	0 50	23 0	0 7	2 2	0 44	20 35	0 12	12 3	17 29	19 52	19 54	4 21	8 41	1 17
T 27	7 28	18 25	3 52	3 48	0 47	15 53	4 37	6 15	0 57	14 49	0 50	23 0	0 6	2 2	0 44	20 35	0 12	12 4	17 29	19 50	19 53	4 19	8 40	1 17
W28	7 6	15 46	4 27	3 2	0 41	15 54	4 29	6 0	0 56	14 52	0 50	23 0	0 6	2 1	0 44	20 36	0 12	12 5	17 29	19 49	19 53	4 17	8 39	1 17
T 29	6 44	12 30	4 50	2 16	0 34	15 53	4 21	5 44	0 56	14 55	0 50	23 0	0 6	2 0	0 44	20 36	0 12	12 5	17 29	19 46	19 52	4 14	8 39	1 17
F 30	6 21	8 45	5 0	1 31	0 28	15 53	4 13	5 29	0 56	14 58	0 49	23 0	0 6	1 59	0 44	20 36	0 12	12 6	17 30	19 43	19 51	4 12	8 38	1 16
S 31	5n58	4n41	4s57	0n45	0n21	15n52	4s 5	5n13	0n55	15s 1	0n49	23s 1	0n 6	1n58	0s44	20s36	0n12	12s 6	17s30	19s40	19s50	4n 9	8n37	1n16

Julian Day Number = 2211435.5, Delta T = 09m20s
Ecliptic obliquity = 23°31'24, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°34'14, Lahiri = 14°41'15 Julian Calendar 1 Aug. 1342 == Greg. Calendar 9 Aug. 1342

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ASTRODIENST EPHEMERIS for the year 1342
geocentric

SEPTEMBER 1342 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	23 10 59	15♍51'57	18♍ 1	0♎30	2♌25	19♍38	13♏10	10°R26	6°R36	27°R11	9°R58	27°R17	28♏12	7♍22	18°R53	S 1
M 2	23 14 55	16°50'36	29°55	2° 6	3° 8	20°17	13°20	10♑26	6♈34	27♑10	9♈57	27♏ 5	28° 9	7°28	18♈51	M 2
T 3	23 18 52	17°49'17	11♎52	3°41	3°51	20°56	13°30	10°25	6°31	27° 9	9°56	26°55	28° 6	7°35	18°49	T 3
W 4	23 22 48	18°48'00	23°54	5°14	4°36	21°35	13°40	10°25	6°29	27° 8	9°55	26°48	28° 2	7°42	18°46	W 4
T 5	23 26 45	19°46'45	6♏ 4	6°47	5°22	22°14	13°50	10°25	6°27	27° 7	9°54	26°43	27°59	7°49	18°44	T 5
F 6	23 30 41	20°45'32	18°23	8°19	6° 8	22°53	14° 0	10°25	6°24	27° 7	9°52	26°41	27°56	7°55	18°41	F 6
S 7	23 34 38	21°44'20	0♐57	9°50	6°56	23°32	14°11	10°D25	6°22	27° 6	9°51	26°D41	27°53	8° 2	18°39	S 7
S 8	23 38 35	22°43'11	13°48	11°19	7°44	24°11	14°21	10°25	6°20	27° 5	9°50	26°41	27°50	8° 9	18°36	S 8
M 9	23 42 31	23°42'03	27° 1	12°48	8°33	24°50	14°32	10°25	6°17	27° 4	9°49	26°R42	27°46	8°16	18°34	M 9
T 10	23 46 28	24°40'57	10♑39	14°16	9°23	25°29	14°42	10°25	6°15	27° 4	9°48	26°40	27°43	8°22	18°31	T 10
W11	23 50 24	25°39'53	24°44	15°43	10°14	26° 8	14°53	10°25	6°13	27° 3	9°47	26°37	27°40	8°29	18°29	W11
T 12	23 54 21	26°38'50	9♒15	17° 8	11° 5	26°48	15° 4	10°26	6°10	27° 2	9°46	26°32	27°37	8°36	18°26	T 12
F 13	23 58 17	27°37'49	24° 9	18°33	11°57	27°27	15°15	10°26	6° 8	27° 2	9°45	26°24	27°34	8°42	18°24	F 13
S 14	0 2 14	28°36'50	9♓19	19°57	12°50	28° 6	15°26	10°27	6° 5	27° 1	9°44	26°15	27°31	8°49	18°21	S 14
S 15	0 6 10	29°35'53	24°34	21°20	13°43	28°45	15°37	10°28	6° 3	27° 1	9°42	26° 7	27°27	8°56	18°18	S 15
M16	0 10 7	0♎34'58	9♈45	22°41	14°37	29°24	15°48	10°29	6° 1	27° 0	9°41	25°59	27°24	9° 3	18°16	M16
T 17	0 14 3	1°34'05	24°40	24° 2	15°32	0♎ 4	15°59	10°30	5°58	27° 0	9°40	25°53	27°21	9° 9	18°13	T 17
W18	0 18 0	2°33'15	9♉11	25°21	16°27	0°43	16°10	10°31	5°56	26°59	9°39	25°50	27°18	9°16	18°10	W18
T 19	0 21 57	3°32'26	23°16	26°39	17°23	1°22	16°22	10°32	5°53	26°59	9°38	25°D49	27°15	9°23	18° 8	T 19
F 20	0 25 53	4°31'40	6♊51	27°55	18°19	2° 2	16°33	10°33	5°51	26°58	9°37	25°49	27°12	9°29	18° 5	F 20
S 21	0 29 50	5°30'57	19°59	29°10	19°16	2°41	16°45	10°34	5°49	26°58	9°36	25°50	27° 8	9°36	18° 2	S 21
S 22	0 33 46	6°30'16	2♋44	0♏24	20°14	3°21	16°56	10°36	5°46	26°58	9°34	25°R51	27° 5	9°43	17°59	S 22
M23	0 37 43	7°29'37	15° 8	1°36	21°12	4° 0	17° 8	10°37	5°44	26°57	9°33	25°51	27° 2	9°50	17°56	M23
T 24	0 41 39	8°29'00	27°18	2°47	22°10	4°40	17°20	10°39	5°41	26°57	9°32	25°49	26°59	9°56	17°54	T 24
W25	0 45 36	9°28'26	9♌18	3°55	23° 9	5°19	17°32	10°41	5°39	26°57	9°31	25°45	26°56	10° 3	17°51	W25
T 26	0 49 32	10°27'54	21°12	5° 2	24° 9	5°59	17°43	10°43	5°36	26°57	9°30	25°39	26°52	10°10	17°48	T 26
F 27	0 53 29	11°27'24	3♍ 3	6° 6	25° 9	6°39	17°55	10°44	5°34	26°57	9°29	25°31	26°49	10°16	17°45	F 27
S 28	0 57 26	12°26'57	14°55	7° 8	26° 9	7°18	18° 7	10°46	5°32	26°56	9°27	25°23	26°46	10°23	17°42	S 28
S 29	1 1 22	13°26'32	26°50	8° 8	27°10	7°58	18°19	10°49	5°29	26°56	9°26	25°15	26°43	10°30	17°39	S 29
M30	1 5 19	14♎26'08	8♎49	9♏ 4	28♌11	8♎38	18♏32	10♑51	5♈27	26♑56	9♈25	25♏ 7	26♏40	10♍37	17♈37	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	5n36	0n26	4s42	0n 0	0n14	15n50	3s57	4n58	0n55	15s 4	0n49	23s 1	0n 6	1n57	0s44	20s36	0n12	12s 7	17s30	19s37	19s50	4n 7	8n36	1n16
M 2	5 13	3s51	4 14	0s44	0 7	15 48	3 49	4 42	0 55	15 7	0 49	23 1	0 6	1 56	0 44	20 37	0 12	12 7	17 30	19 35	19 49	4 5	8 35	1 16
T 3	4 50	8 0	3 34	1 29	0s 1	15 46	3 42	4 26	0 54	15 10	0 49	23 1	0 6	1 55	0 44	20 37	0 12	12 8	17 30	19 32	19 48	4 2	8 34	1 16
W 4	4 27	11 52	2 45	2 13	0 8	15 43	3 34	4 10	0 54	15 14	0 48	23 1	0 6	1 55	0 44	20 37	0 12	12 8	17 30	19 31	19 48	4 0	8 33	1 16
T 5	4 4	15 17	1 47	2 56	0 15	15 40	3 26	3 55	0 54	15 17	0 48	23 1	0 6	1 54	0 44	20 37	0 12	12 9	17 30	19 29	19 47	3 58	8 32	1 16
F 6	3 40	18 4	0 44	3 39	0 23	15 36	3 18	3 39	0 53	15 20	0 48	23 1	0 6	1 53	0 44	20 37	0 12	12 9	17 31	19 29	19 46	3 55	8 31	1 16
S 7	3 17	20 3	0n23	4 22	0 30	15 32	3 11	3 23	0 53	15 23	0 48	23 1	0 5	1 52	0 44	20 37	0 12	12 10	17 31	19 29	19 45	3 53	8 30	1 16
S 8	2 54	21 3	1 30	5 4	0 38	15 27	3 3	3 7	0 52	15 27	0 48	23 1	0 5	1 51	0 44	20 38	0 12	12 10	17 31	19 29	19 45	3 51	8 29	1 16
M 9	2 31	20 55	2 34	5 46	0 45	15 22	2 55	2 51	0 52	15 30	0 48	23 2	0 5	1 50	0 44	20 38	0 11	12 11	17 31	19 29	19 44	3 48	8 28	1 16
T 10	2 7	19 34	3 32	6 27	0 53	15 16	2 48	2 35	0 52	15 33	0 47	23 2	0 5	1 49	0 44	20 38	0 11	12 11	17 31	19 29	19 43	3 46	8 27	1 16
W11	1 44	17 0	4 19	7 8	1 0	15 10	2 40	2 20	0 51	15 36	0 47	23 2	0 5	1 48	0 44	20 38	0 11	12 12	17 31	19 28	19 43	3 44	8 26	1 16
T 12	1 20	13 19	4 51	7 48	1 8	15 3	2 33	2 4	0 51	15 40	0 47	23 2	0 5	1 47	0 44	20 38	0 11	12 12	17 31	19 27	19 42	3 41	8 25	1 16
F 13	0 57	8 44	5 4	8 27	1 15	14 56	2 26	1 48	0 51	15 43	0 47	23 2	0 5	1 46	0 44	20 38	0 11	12 13	17 31	19 25	19 41	3 39	8 24	1 16
S 14	0 33	3 31	4 57	9 6	1 22	14 49	2 18	1 32	0 50	15 46	0 47	23 2	0 5	1 45	0 44	20 38	0 11	12 13	17 31	19 23	19 40	3 37	8 23	1 16
S 15	0 10	1n56	4 28	9 44	1 30	14 40	2 11	1 16	0 50	15 50	0 47	23 2	0 5	1 44	0 44	20 39	0 11	12 14	17 31	19 21	19 40	3 34	8 22	1 16
M16	0s14	7 15	3 41	10 21	1 37	14 32	2 4	1 0	0 50	15 53	0 46	23 2	0 5	1 43	0 44	20 39	0 11	12 14	17 31	19 19	19 39	3 32	8 21	1 16
T 17	0 38	12 3	2 39	10 58	1 44	14 23	1 57	0 44	0 49	15 57	0 46	23 2	0 5	1 42	0 44	20 39	0 11	12 15	17 31	19 18	19 38	3 30	8 20	1 16
W18	1 1	16 0	1 28	11 33	1 51	14 13	1 50	0 27	0 49	16 0	0 46	23 2	0 4	1 41	0 44	20 39	0 11	12 15	17 32	19 17	19 37	3 27	8 19	1 16
T 19	1 25	18 52	0 14	12 8	1 58	14 3	1 43	0 11	0 48	16 3	0 46	23 2	0 4	1 40	0 44	20 39	0 11	12 16	17 32	19 17	19 37	3 25	8 18	1 16
F 20	1 48	20 34	0s59	12 42	2 4	13 52	1 36	0s 5	0 48	16 7	0 46	23 2	0 4	1 39	0 44	20 39	0 11	12 16	17 32	19 17	19 36	3 23	8 17	1 16
S 21	2 12	21 3	2 6	13 15	2 11	13 41	1 29	0 21	0 48	16 10	0 46	23 2	0 4	1 38	0 44	20 39	0 11	12 17	17 32	19 17	19 35	3 20	8 16	1 15
S 22	2 35	20 24	3 5	13 48	2 17	13 29	1 23	0 37	0 47	16 14	0 45	23 2	0 4	1 38	0 44	20 39	0 11	12 17	17 32	19 17	19 35	3 18	8 14	1 15
M23	2 59	18 47	3 54	14 19	2 23	13 17	1 16	0 53	0 47	16 17	0 45	23 2	0 4	1 37	0 44	20 39	0 11	12 18	17 32	19 17	19 34	3 16	8 13	1 15
T 24	3 23	16 20	4 31	14 49	2 29	13 4	1 10	1 9	0 46	16 21	0 45	23 2	0 4	1 36	0 44	20 39	0 11	12 18	17 32	19 17	19 33	3 13	8 12	1 15
W25	3 46	13 14	4 56	15 18	2 35	12 51	1 3	1 25	0 46	16 24	0 45	23 2	0 4	1 35	0 44	20 39	0 11	12 19	17 32	19 16	19 32	3 11	8 11	1 15
T 26	4 9	9 38	5 7	15 45	2 40	12 38	0 57	1 41	0 46	16 28	0 45	23 2	0 4	1 34	0 44	20 40	0 11	12 19	17 32	19 14	19 32	3 9	8 10	1 15
F 27	4 33	5 40	5 5	16 12	2 45	12 24	0 51	1 57	0 45	16 31	0 45	23 2	0 4	1 33	0 44	20 40	0 11	12 20	17 32	19 13	19 31	3 6	8 9	1 15
S 28	4 56	1 30	4 51	16 37	2 50	12 9	0 44	2 13	0 45	16 34	0 45	23 1	0 4	1 32	0 44	20 40	0 11	12 20	17 32	19 11	19 30	3 4	8 8	1 15
S 29	5 19	2s45	4 23	17 0	2 54	11 54	0 38	2 30	0 44	16 38	0 44	23 1	0 4	1 31	0 44	20 40	0 11	12 20	17 32	19 9	19 29	3 2	8 6	1 15
M30	5s43	6s56	3s44	17s22	2s57	11n39	0s32	2s46	0n44	16s41	0n44	23s 1	0n 3	1n30	0s44	20s40	0n11	12s21	17s32	19s 7	19s29	2n59	8n 5	1n15

Julian Day Number = 2211466.5, Delta T = 09m20s
Ecliptic obliquity = 23°31'24, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°34'19, Lahiri = 14°41'19 Julian Calendar 1 Sept. 1342 == Greg. Calendar 9 Sept. 1342

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ASTRODIENST EPHEMERIS for the year 1342
geocentric

OCTOBER 1342 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	1 9 15	15♎25'47	20♎55	9♏58	29♌12	9♎18	18♏44	10♑53	5°R24	26°D56	9°R24	25°R 1	26♏37	10♍43	17°R34	T 1
W 2	1 13 12	16°25'28	3♏ 8	10°48	0♍14	9°57	18°56	10°56	5♈22	26♑56	9♈23	24♏57	26°33	10°50	17♈31	W 2
T 3	1 17 8	17°25'11	15°30	11°34	1°16	10°37	19° 8	10°58	5°20	26°56	9°22	24°54	26°30	10°57	17°28	T 3
F 4	1 21 5	18°24'56	28° 3	12°16	2°19	11°17	19°21	11° 1	5°17	26°56	9°21	24°D54	26°27	11° 3	17°25	F 4
S 5	1 25 1	19°24'43	10♐47	12°53	3°22	11°57	19°33	11° 3	5°15	26°57	9°19	24°55	26°24	11°10	17°22	S 5
S 6	1 28 58	20°24'32	23°47	13°25	4°25	12°37	19°45	11° 6	5°13	26°57	9°18	24°57	26°21	11°17	17°19	S 6
M 7	1 32 55	21°24'22	7♑ 3	13°51	5°29	13°17	19°58	11° 9	5°10	26°57	9°17	24°58	26°17	11°24	17°17	M 7
T 8	1 36 51	22°24'14	20°38	14°11	6°33	13°57	20°11	11°12	5° 8	26°57	9°16	24°R59	26°14	11°30	17°14	T 8
W 9	1 40 48	23°24'08	4♒34	14°25	7°37	14°37	20°23	11°15	5° 6	26°57	9°15	24°58	26°11	11°37	17°11	W 9
T 10	1 44 44	24°24'03	18°49	14°R31	8°42	15°17	20°36	11°18	5° 3	26°58	9°14	24°56	26° 8	11°44	17° 8	T 10
F 11	1 48 41	25°24'00	3♓23	14°28	9°46	15°57	20°49	11°21	5° 1	26°58	9°13	24°53	26° 5	11°51	17° 5	F 11
S 12	1 52 37	26°23'58	18°10	14°18	10°52	16°37	21° 1	11°25	4°59	26°58	9°12	24°49	26° 2	11°57	17° 2	S 12
S 13	1 56 34	27°23'59	3♈ 4	13°58	11°57	17°17	21°14	11°28	4°57	26°59	9°11	24°45	25°58	12° 4	17° 0	S 13
M14	2 0 30	28°24'01	17°57	13°29	13° 3	17°57	21°27	11°31	4°54	26°59	9° 9	24°42	25°55	12°11	16°57	M14
T 15	2 4 27	29°24'05	2♉40	12°50	14° 9	18°38	21°40	11°35	4°52	27° 0	9° 8	24°39	25°52	12°17	16°54	T 15
W16	2 8 24	0♏24'10	17° 7	12° 2	15°15	19°18	21°53	11°39	4°50	27° 0	9° 7	24°38	25°49	12°24	16°51	W16
T 17	2 12 20	1°24'18	1♊11	11° 5	16°21	19°58	22° 6	11°42	4°48	27° 1	9° 6	24°D38	25°46	12°31	16°48	T 17
F 18	2 16 17	2°24'28	14°50	10° 0	17°28	20°39	22°19	11°46	4°46	27° 1	9° 5	24°39	25°43	12°38	16°46	F 18
S 19	2 20 13	3°24'40	28° 4	8°49	18°35	21°19	22°32	11°50	4°44	27° 2	9° 4	24°40	25°39	12°44	16°43	S 19
S 20	2 24 10	4°24'54	10♋54	7°33	19°42	21°59	22°45	11°54	4°42	27° 2	9° 3	24°42	25°36	12°51	16°40	S 20
M21	2 28 6	5°25'10	23°24	6°14	20°50	22°40	22°58	11°58	4°40	27° 3	9° 2	24°43	25°33	12°58	16°38	M21
T 22	2 32 3	6°25'28	5♌37	4°55	21°57	23°20	23°11	12° 2	4°38	27° 4	9° 1	24°R43	25°30	13° 4	16°35	T 22
W23	2 35 59	7°25'48	17°38	3°38	23° 5	24° 1	23°24	12° 6	4°36	27° 4	9° 0	24°43	25°27	13°11	16°32	W23
T 24	2 39 56	8°26'10	29°32	2°26	24°13	24°41	23°37	12°11	4°34	27° 5	8°59	24°42	25°23	13°18	16°30	T 24
F 25	2 43 53	9°26'34	11♍24	1°21	25°21	25°22	23°50	12°15	4°32	27° 6	8°58	24°40	25°20	13°25	16°27	F 25
S 26	2 47 49	10°27'00	23°17	0°25	26°30	26° 2	24° 4	12°19	4°30	27° 7	8°57	24°38	25°17	13°31	16°25	S 26
S 27	2 51 46	11°27'28	5♎15	29♎39	27°39	26°43	24°17	12°24	4°29	27° 7	8°56	24°36	25°14	13°38	16°22	S 27
M28	2 55 42	12°27'58	17°20	29° 5	28°47	27°24	24°30	12°29	4°27	27° 8	8°55	24°34	25°11	13°45	16°20	M28
T 29	2 59 39	13°28'29	29°36	28°42	29°56	28° 5	24°43	12°33	4°25	27° 9	8°54	24°32	25° 8	13°51	16°17	T 29
W30	3 3 35	14°29'02	12♏ 4	28°D31	1♎ 6	28°45	24°57	12°38	4°23	27°10	8°53	24°32	25° 4	13°58	16°15	W30
T 31	3 7 32	15♏29'37	24♏43	28♎32	2♎15	29♎26	25♏10	12♑43	4♈22	27♑11	8♈52	24°D31	25♏ 1	14♍ 5	16♈12	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	6s 6	10s53	2s54	17s42	3s 1	11n23	0s27	3s 2	0n44	16s45	0n44	23s 1	0n 3	1n29	0s44	20s40	0n11	12s21	17s32	19s 5	19s28	2n57	8n 4	1n15
W 2	6 29	14 25	1 56	18 1	3 3	11 6	0 21	3 18	0 43	16 48	0 44	23 1	0 3	1 28	0 44	20 40	0 11	12 22	17 31	19 4	19 27	2 55	8 3	1 15
T 3	6 52	17 21	0 51	18 17	3 5	10 49	0 15	3 34	0 43	16 52	0 44	23 1	0 3	1 27	0 44	20 40	0 11	12 22	17 31	19 4	19 26	2 52	8 2	1 15
F 4	7 15	19 31	0n17	18 32	3 7	10 32	0 10	3 50	0 42	16 55	0 44	23 1	0 3	1 26	0 44	20 40	0 11	12 22	17 31	19 4	19 26	2 50	8 1	1 15
S 5	7 37	20 44	1 26	18 44	3 7	10 15	0 4	4 6	0 42	16 59	0 44	23 1	0 3	1 25	0 44	20 40	0 11	12 23	17 31	19 4	19 25	2 48	7 59	1 14
S 6	8 0	20 52	2 31	18 54	3 7	9 57	0n 1	4 22	0 41	17 2	0 44	23 1	0 3	1 24	0 44	20 40	0 11	12 23	17 31	19 4	19 24	2 46	7 58	1 14
M 7	8 23	19 50	3 30	19 1	3 6	9 38	0 7	4 38	0 41	17 6	0 43	23 0	0 3	1 23	0 44	20 40	0 11	12 23	17 31	19 5	19 23	2 43	7 57	1 14
T 8	8 45	17 40	4 19	19 5	3 4	9 19	0 12	4 54	0 41	17 9	0 43	23 0	0 3	1 22	0 44	20 40	0 11	12 24	17 31	19 5	19 23	2 41	7 56	1 14
W 9	9 7	14 26	4 53	19 5	3 1	9 0	0 17	5 10	0 40	17 13	0 43	23 0	0 3	1 22	0 44	20 40	0 11	12 24	17 31	19 5	19 22	2 39	7 55	1 14
T 10	9 29	10 18	5 11	19 3	2 56	8 40	0 22	5 26	0 40	17 16	0 43	23 0	0 3	1 21	0 44	20 40	0 11	12 25	17 31	19 4	19 21	2 36	7 54	1 14
F 11	9 51	5 29	5 9	18 56	2 50	8 20	0 27	5 42	0 39	17 20	0 43	23 0	0 3	1 20	0 44	20 40	0 11	12 25	17 31	19 3	19 20	2 34	7 52	1 14
S 12	10 13	0 17	4 47	18 46	2 43	8 0	0 31	5 58	0 39	17 23	0 43	22 59	0 2	1 19	0 44	20 40	0 11	12 25	17 31	19 2	19 20	2 32	7 51	1 14
S 13	10 35	4n59	4 6	18 32	2 34	7 39	0 36	6 13	0 38	17 27	0 43	22 59	0 2	1 18	0 44	20 39	0 11	12 25	17 31	19 1	19 19	2 29	7 50	1 14
M14	10 57	9 57	3 8	18 12	2 23	7 18	0 40	6 29	0 38	17 30	0 43	22 59	0 2	1 17	0 44	20 39	0 11	12 26	17 30	19 1	19 18	2 27	7 49	1 14
T 15	11 18	14 17	1 58	17 49	2 10	6 57	0 45	6 45	0 37	17 34	0 42	22 59	0 2	1 16	0 44	20 39	0 11	12 26	17 30	19 0	19 17	2 25	7 48	1 14
W16	11 39	17 40	0 41	17 20	1 56	6 35	0 49	7 1	0 37	17 37	0 42	22 59	0 2	1 16	0 44	20 39	0 11	12 26	17 30	19 0	19 17	2 22	7 47	1 13
T 17	12 0	19 53	0s36	16 48	1 40	6 13	0 53	7 16	0 36	17 41	0 42	22 58	0 2	1 15	0 44	20 39	0 11	12 27	17 30	19 0	19 16	2 20	7 45	1 13
F 18	12 21	20 51	1 49	16 11	1 23	5 51	0 57	7 32	0 36	17 44	0 42	22 58	0 2	1 14	0 44	20 39	0 11	12 27	17 30	19 0	19 15	2 18	7 44	1 13
S 19	12 42	20 37	2 54	15 30	1 4	5 28	1 1	7 48	0 36	17 47	0 42	22 58	0 2	1 13	0 44	20 39	0 11	12 27	17 30	19 0	19 14	2 15	7 43	1 13
S 20	13 2	19 17	3 48	14 46	0 44	5 5	1 5	8 3	0 35	17 51	0 42	22 58	0 2	1 12	0 44	20 39	0 11	12 27	17 30	19 1	19 14	2 13	7 42	1 13
M21	13 22	17 3	4 30	14 1	0 24	4 42	1 9	8 19	0 35	17 54	0 42	22 57	0 2	1 12	0 44	20 39	0 11	12 28	17 29	19 1	19 13	2 11	7 41	1 13
T 22	13 43	14 6	4 58	13 15	0 3	4 19	1 12	8 34	0 34	17 58	0 42	22 57	0 2	1 11	0 44	20 39	0 11	12 28	17 29	19 1	19 12	2 8	7 40	1 13
W23	14 2	10 37	5 13	12 30	0n18	3 55	1 16	8 50	0 34	18 1	0 42	22 57	0 2	1 10	0 44	20 39	0 11	12 28	17 29	19 1	19 11	2 6	7 39	1 13
T 24	14 22	6 46	5 15	11 46	0 37	3 31	1 19	9 5	0 33	18 4	0 41	22 56	0 1	1 9	0 44	20 38	0 11	12 28	17 29	19 1	19 11	2 4	7 37	1 13
F 25	14 41	2 39	5 2	11 6	0 56	3 7	1 23	9 20	0 33	18 8	0 41	22 56	0 1	1 9	0 44	20 38	0 11	12 29	17 29	19 0	19 10	2 2	7 36	1 13
S 26	15 0	1s34	4 37	10 31	1 13	2 42	1 26	9 36	0 32	18 11	0 41	22 56	0 1	1 8	0 43	20 38	0 11	12 29	17 28	19 0	19 9	1 59	7 35	1 12
S 27	15 19	5 46	4 0	10 0	1 29	2 18	1 29	9 51	0 32	18 15	0 41	22 55	0 1	1 7	0 43	20 38	0 11	12 29	17 28	18 59	19 8	1 57	7 34	1 12
M28	15 38	9 47	3 12	9 36	1 42	1 53	1 32	10 6	0 31	18 18	0 41	22 55	0 1	1 7	0 43	20 38	0 11	12 29	17 28	18 59	19 8	1 55	7 33	1 12
T 29	15 56	13 27	2 14	9 17	1 54	1 28	1 34	10 21	0 31	18 21	0 41	22 55	0 1	1 6	0 43	20 38	0 11	12 29	17 28	18 58	19 7	1 52	7 32	1 12
W30	16 14	16 36	1 9	9 4	2 4	1 3	1 37	10 36	0 30	18 25	0 41	22 54	0 1	1 5	0 43	20 37	0 11	12 29	17 28	18 58	19 6	1 50	7 31	1 12
T 31	16s32	19s 0	0n 1	8s57	2n11	0n38	1n40	10s51	0n30	18s28	0n41	22s54	0n 1	1n 5	0s43	20s37	0n11	12s30	17s27	18s58	19s 5	1n48	7n30	1n12

Julian Day Number = 2211496.5, Delta T = 09m20s
Ecliptic obliquity = 23°31'24, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°34'23, Lahiri = 14°41'23 Julian Calendar 1 Oct. 1342 == Greg. Calendar 9 Oct. 1342

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ASTRODIENST EPHEMERIS for the year 1342
geocentric

NOVEMBER 1342 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	3 11 28	16♏30'13	7♐36	28♎43	3♎25	0♏ 7	25♏24	12♑48	4°R20	27♑12	8°R52	24♏32	24♏58	14♍12	16°R10	F 1
S 2	3 15 25	17°30'51	20°42	29° 4	4°34	0°48	25°37	12°53	4♈18	27°13	8♈51	24°32	24°55	14°18	16♈ 7	S 2
S 3	3 19 21	18°31'30	4♑ 2	29°34	5°44	1°29	25°50	12°58	4°17	27°14	8°50	24°33	24°52	14°25	16° 5	S 3
M 4	3 23 18	19°32'10	17°33	0♏12	6°54	2°10	26° 4	13° 3	4°15	27°15	8°49	24°33	24°49	14°32	16° 3	M 4
T 5	3 27 15	20°32'51	1♒18	0°58	8° 4	2°51	26°17	13° 8	4°14	27°17	8°48	24°34	24°45	14°38	16° 1	T 5
W 6	3 31 11	21°33'34	15°14	1°50	9°14	3°32	26°31	13°13	4°13	27°18	8°47	24°34	24°42	14°45	15°58	W 6
T 7	3 35 8	22°34'18	29°21	2°48	10°25	4°13	26°44	13°18	4°11	27°19	8°47	24°R34	24°39	14°52	15°56	T 7
F 8	3 39 4	23°35'02	13♓37	3°51	11°35	4°54	26°58	13°24	4°10	27°20	8°46	24°34	24°36	14°59	15°54	F 8
S 9	3 43 1	24°35'48	28° 0	4°58	12°46	5°35	27°11	13°29	4° 8	27°21	8°45	24°D34	24°33	15° 5	15°52	S 9
S 10	3 46 57	25°36'34	12♈25	6° 9	13°57	6°16	27°24	13°35	4° 7	27°23	8°44	24°34	24°29	15°12	15°50	S 10
M11	3 50 54	26°37'22	26°49	7°23	15° 8	6°57	27°38	13°40	4° 6	27°24	8°44	24°34	24°26	15°19	15°48	M11
T 12	3 54 50	27°38'11	11♉ 7	8°40	16°19	7°38	27°51	13°46	4° 5	27°25	8°43	24°34	24°23	15°25	15°46	T 12
W13	3 58 47	28°39'01	25°13	9°59	17°30	8°20	28° 5	13°51	4° 4	27°27	8°42	24°R34	24°20	15°32	15°44	W13
T 14	4 2 44	29°39'52	9♊ 4	11°21	18°41	9° 1	28°18	13°57	4° 3	27°28	8°41	24°34	24°17	15°39	15°42	T 14
F 15	4 6 40	0♐40'45	22°36	12°43	19°53	9°42	28°32	14° 3	4° 2	27°30	8°41	24°34	24°14	15°46	15°40	F 15
S 16	4 10 37	1°41'38	5♋48	14° 8	21° 4	10°24	28°45	14° 9	4° 1	27°31	8°40	24°33	24°10	15°52	15°39	S 16
S 17	4 14 33	2°42'33	18°40	15°33	22°16	11° 5	28°59	14°15	4° 0	27°32	8°40	24°32	24° 7	15°59	15°37	S 17
M18	4 18 30	3°43'29	1♌12	17° 0	23°28	11°47	29°12	14°20	3°59	27°34	8°39	24°31	24° 4	16° 6	15°35	M18
T 19	4 22 26	4°44'26	13°28	18°27	24°40	12°28	29°26	14°26	3°58	27°35	8°38	24°30	24° 1	16°12	15°33	T 19
W20	4 26 23	5°45'25	25°32	19°56	25°52	13°10	29°39	14°32	3°57	27°37	8°38	24°29	23°58	16°19	15°32	W20
T 21	4 30 20	6°46'25	7♍27	21°25	27° 4	13°51	29°53	14°38	3°56	27°39	8°37	24°D29	23°54	16°26	15°30	T 21
F 22	4 34 16	7°47'26	19°19	22°54	28°16	14°33	0♐ 6	14°45	3°56	27°40	8°37	24°29	23°51	16°33	15°29	F 22
S 23	4 38 13	8°48'28	1♎12	24°24	29°28	15°14	0°19	14°51	3°55	27°42	8°36	24°30	23°48	16°39	15°27	S 23
S 24	4 42 9	9°49'31	13°11	25°54	0♏40	15°56	0°33	14°57	3°54	27°43	8°36	24°31	23°45	16°46	15°26	S 24
M25	4 46 6	10°50'35	25°20	27°25	1°53	16°38	0°46	15° 3	3°54	27°45	8°35	24°33	23°42	16°53	15°25	M25
T 26	4 50 2	11°51'40	7♏43	28°56	3° 5	17°19	1° 0	15°10	3°53	27°47	8°35	24°34	23°39	16°59	15°23	T 26
W27	4 53 59	12°52'46	20°22	0♐27	4°18	18° 1	1°13	15°16	3°53	27°49	8°34	24°R35	23°35	17° 6	15°22	W27
T 28	4 57 55	13°53'53	3♐20	1°59	5°30	18°43	1°26	15°22	3°52	27°50	8°34	24°34	23°32	17°13	15°21	T 28
F 29	5 1 52	14°55'01	16°35	3°31	6°43	19°25	1°40	15°29	3°52	27°52	8°34	24°33	23°29	17°20	15°20	F 29
S 30	5 5 49	15♐56'09	0♑ 7	5♐ 3	7♏56	20♏ 7	1♐53	15♑35	3♈52	27♑54	8♈33	24♏31	23♏26	17♍26	15♈19	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	16s50	20s28	1n12	8s55	2n17	0n12	1n42	11s 6	0n29	18s31	0n41	22s53	0n 1	1n 4	0s43	20s37	0n11	12s30	17s27	18s58	19s 5	1n45	7n29	1n12	
S 2	17 7	20 52	2 20	8 58	2 22	0s13	1 45	11 21	0 29	18 34	0 41	22 53	0 1	1 3	0 43	20 37	0 11	12 30	17 27	18 58	19 4	1 43	7 28	1 12	
S 3	17 24	20 6	3 22	9 6	2 24	0 39	1 47	11 35	0 28	18 38	0 41	22 53	0 1	1 3	0 43	20 37	0 11	12 30	17 27	18 58	19 3	1 41	7 27	1 12	
M 4	17 41	18 10	4 14	9 19	2 26	1 5	1 49	11 50	0 28	18 41	0 40	22 52	0 1	1 2	0 43	20 37	0 11	12 30	17 26	18 58	19 2	1 38	7 26	1 11	
T 5	17 57	15 12	4 52	9 34	2 26	1 31	1 51	12 5	0 27	18 44	0 40	22 52	0 1	1 2	0 43	20 36	0 10	12 30	17 26	18 59	19 1	1 36	7 25	1 11	
W 6	18 13	11 20	5 13	9 53	2 25	1 57	1 53	12 19	0 27	18 47	0 40	22 51	0 0	1 1	0 43	20 36	0 10	12 30	17 26	18 59	19 1	1 34	7 24	1 11	
T 7	18 29	6 48	5 16	10 15	2 23	2 23	1 55	12 34	0 26	18 51	0 40	22 51	0 0	1 1	0 43	20 36	0 10	12 30	17 26	18 59	19 0	1 32	7 23	1 11	
F 8	18 44	1 51	5 0	10 39	2 20	2 49	1 56	12 48	0 26	18 54	0 40	22 50	0 0	1 0	0 43	20 36	0 10	12 30	17 25	18 59	18 59	1 29	7 22	1 11	
S 9	18 59	3n15	4 25	11 4	2 17	3 15	1 58	13 2	0 25	18 57	0 40	22 50	0 0	1 0	0 43	20 35	0 10	12 30	17 25	18 59	18 58	1 27	7 21	1 11	
S 10	19 14	8 12	3 33	11 32	2 13	3 41	1 59	13 16	0 24	19 0	0 40	22 49	0 0	0 59	0 43	20 35	0 10	12 30	17 25	18 59	18 58	1 25	7 20	1 11	
M11	19 28	12 40	2 28	12 0	2 8	4 8	2 1	13 30	0 24	19 3	0 40	22 49	0 0	0 59	0 43	20 35	0 10	12 30	17 25	18 59	18 57	1 22	7 19	1 11	
T 12	19 42	16 23	1 14	12 30	2 3	4 34	2 2	13 44	0 23	19 6	0 40	22 49	0 0	0 58	0 43	20 35	0 10	12 30	17 24	18 59	18 56	1 20	7 19	1 11	
W13	19 56	19 5	0s 4	13 0	1 57	5 0	2 3	13 58	0 23	19 9	0 40	22 48	0s 0	0 58	0 43	20 35	0 10	12 30	17 24	18 59	18 55	1 18	7 18	1 10	
T 14	20 9	20 35	1 20	13 31	1 51	5 26	2 4	14 12	0 22	19 12	0 40	22 47	0 0	0 57	0 43	20 34	0 10	12 30	17 24	18 59	18 54	1 16	7 17	1 10	
F 15	20 22	20 50	2 29	14 2	1 45	5 53	2 5	14 26	0 22	19 16	0 40	22 47	0 0	0 57	0 43	20 34	0 10	12 30	17 23	18 59	18 54	1 13	7 16	1 10	
S 16	20 34	19 55	3 29	14 34	1 39	6 19	2 6	14 39	0 21	19 19	0 39	22 46	0 0	0 57	0 43	20 34	0 10	12 30	17 23	18 58	18 53	1 11	7 15	1 10	
S 17	20 46	17 58	4 17	15 5	1 32	6 45	2 6	14 53	0 21	19 22	0 39	22 46	0 0	0 56	0 43	20 33	0 10	12 30	17 23	18 58	18 52	1 9	7 14	1 10	
M18	20 58	15 14	4 51	15 37	1 25	7 11	2 7	15 6	0 20	19 25	0 39	22 45	0 0	0 56	0 43	20 33	0 10	12 30	17 22	18 58	18 51	1 6	7 14	1 10	
T 19	21 10	11 52	5 11	16 8	1 18	7 37	2 7	15 19	0 19	19 28	0 39	22 45	0 0	0 56	0 43	20 33	0 10	12 30	17 22	18 58	18 50	1 4	7 13	1 10	
W20	21 20	8 5	5 17	16 39	1 11	8 3	2 8	15 33	0 19	19 31	0 39	22 44	0 1	0 55	0 43	20 33	0 10	12 30	17 22	18 57	18 50	1 2	7 12	1 9	
T 21	21 31	4 1	5 9	17 9	1 4	8 28	2 8	15 46	0 18	19 33	0 39	22 44	0 1	0 55	0 43	20 32	0 10	12 30	17 21	18 57	18 49	1 0	7 11	1 9	
F 22	21 41	0s10	4 48	17 39	0 57	8 54	2 8	15 59	0 18	19 36	0 39	22 43	0 1	0 55	0 43	20 32	0 10	12 30	17 21	18 57	18 48	0 57	7 11	1 9	
S 23	21 51	4 22	4 14	18 8	0 49	9 19	2 8	16 11	0 17	19 39	0 39	22 42	0 1	0 55	0 43	20 32	0 10	12 30	17 21	18 58	18 47	0 55	7 10	1 9	
S 24	22 0	8 26	3 29	18 37	0 42	9 45	2 8	16 24	0 17	19 42	0 39	22 42	0 1	0 54	0 43	20 31	0 10	12 30	17 21	18 58	18 47	0 53	7 9	1 9	
M25	22 9	12 14	2 35	19 5	0 35	10 10	2 8	16 37	0 16	19 45	0 39	22 41	0 1	0 54	0 42	20 31	0 10	12 30	17 20	18 58	18 46	0 50	7 9	1 9	
T 26	22 17	15 35	1 32	19 32	0 28	10 35	2 8	16 49	0 15	19 48	0 39	22 40	0 1	0 54	0 42	20 31	0 10	12 29	17 20	18 59	18 45	0 48	7 8	1 9	
W27	22 25	18 17	0 23	19 59	0 20	11 0	2 7	17 1	0 15	19 51	0 39	22 40	0 1	0 54	0 42	20 30	0 10	12 29	17 20	18 59	18 44	0 46	7 8	1 9	
T 28	22 33	20 6	0n48	20 25	0 13	11 24	2 7	17 13	0 14	19 53	0 39	22 39	0 1	0 54	0 42	20 30	0 10	12 29	17 19	18 59	18 43	0 44	7 7	1 8	
F 29	22 40	20 53	1 58	20 50	0 6	11 49	2 6	17 26	0 14	19 56	0 39	22 38	0 1	0 54	0 42	20 30	0 10	12 29	17 19	18 58	18 43	0 41	7 6	1 8	
S 30	22s47	20s28	3n 3	21s14	0s 1	12s13	2n 6	17s37	0n13	19s59	0n39	22s38	0s 1	0n54	0s42	20s29	0n10	12s29	17s18	18s58	18s42	0n39	7n 6	1n 8	

Julian Day Number = 2211527.5, Delta T = 09m19s
Ecliptic obliquity = 23°31'23, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°34'27, Lahiri = 14°41'27 Julian Calendar 1 Nov. 1342 == Greg. Calendar 9 Nov. 1342

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ASTRODIENST EPHEMERIS for the year 1342
geocentric

DECEMBER 1342 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	5 9 45	16♐57'18	13♑55	6♐35	9♏ 9	20♏49	2♐ 6	15♑42	3°R52	27♑56	8°R33	24°R28	23♏23	17♍33	15°R18	S 1
M 2	5 13 42	17°58'27	27°54	8° 7	10°22	21°31	2°20	15°48	3♈51	27°58	8♈33	24♏24	23°20	17°40	15♈17	M 2
T 3	5 17 38	18°59'37	12♒ 0	9°40	11°35	22°13	2°33	15°55	3°51	27°59	8°32	24°21	23°16	17°46	15°16	T 3
W 4	5 21 35	20° 0'46	26°11	11°13	12°48	22°55	2°46	16° 1	3°51	28° 1	8°32	24°18	23°13	17°53	15°15	W 4
T 5	5 25 31	21° 1'56	10♓23	12°46	14° 1	23°37	2°59	16° 8	3°D51	28° 3	8°32	24°16	23°10	18° 0	15°14	T 5
F 6	5 29 28	22° 3'06	24°34	14°19	15°14	24°19	3°12	16°15	3°51	28° 5	8°32	24°D16	23° 7	18° 7	15°13	F 6
S 7	5 33 24	23° 4'16	8♈41	15°52	16°27	25° 1	3°26	16°21	3°51	28° 7	8°31	24°17	23° 4	18°13	15°13	S 7
S 8	5 37 21	24° 5'26	22°43	17°26	17°40	25°43	3°39	16°28	3°51	28° 9	8°31	24°18	23° 0	18°20	15°12	S 8
M 9	5 41 18	25° 6'36	6♉39	19° 0	18°54	26°25	3°52	16°35	3°51	28°11	8°31	24°20	22°57	18°27	15°11	M 9
T 10	5 45 14	26° 7'46	20°27	20°34	20° 7	27° 8	4° 5	16°42	3°52	28°13	8°31	24°R21	22°54	18°33	15°11	T 10
W11	5 49 11	27° 8'56	4♊ 6	22° 8	21°20	27°50	4°18	16°49	3°52	28°15	8°31	24°20	22°51	18°40	15°10	W11
T 12	5 53 7	28°10'06	17°33	23°43	22°34	28°32	4°31	16°55	3°52	28°17	8°31	24°18	22°48	18°47	15°10	T 12
F 13	5 57 4	29°11'17	0♋47	25°18	23°47	29°15	4°44	17° 2	3°53	28°19	8°31	24°14	22°45	18°54	15°10	F 13
S 14	6 1 0	0♑12'27	13°47	26°53	25° 1	29°57	4°57	17° 9	3°53	28°21	8°31	24° 9	22°41	19° 0	15° 9	S 14
S 15	6 4 57	1°13'37	26°31	28°28	26°14	0♐39	5° 9	17°16	3°54	28°23	8°D31	24° 2	22°38	19° 7	15° 9	S 15
M16	6 8 53	2°14'48	9♌ 0	0♑ 4	27°28	1°22	5°22	17°23	3°54	28°25	8°31	23°55	22°35	19°14	15° 9	M16
T 17	6 12 50	3°15'59	21°16	1°41	28°42	2° 4	5°35	17°30	3°55	28°27	8°31	23°48	22°32	19°20	15° 9	T 17
W18	6 16 47	4°17'09	3♍19	3°17	29°55	2°47	5°48	17°37	3°55	28°29	8°31	23°42	22°29	19°27	15°D 9	W18
T 19	6 20 43	5°18'20	15°15	4°54	1♐ 9	3°29	6° 0	17°44	3°56	28°32	8°31	23°38	22°26	19°34	15° 9	T 19
F 20	6 24 40	6°19'31	27° 6	6°32	2°23	4°12	6°13	17°51	3°57	28°34	8°31	23°36	22°22	19°40	15° 9	F 20
S 21	6 28 36	7°20'42	8♎57	8° 9	3°37	4°55	6°25	17°58	3°58	28°36	8°31	23°D35	22°19	19°47	15° 9	S 21
S 22	6 32 33	8°21'53	20°55	9°48	4°51	5°37	6°38	18° 5	3°58	28°38	8°31	23°36	22°16	19°54	15° 9	S 22
M23	6 36 29	9°23'04	3♏ 3	11°26	6° 5	6°20	6°50	18°12	3°59	28°40	8°31	23°38	22°13	20° 1	15°10	M23
T 24	6 40 26	10°24'15	15°26	13° 5	7°18	7° 3	7° 3	18°19	4° 0	28°42	8°32	23°39	22°10	20° 7	15°10	T 24
W25	6 44 22	11°25'27	28°10	14°45	8°32	7°46	7°15	18°26	4° 1	28°45	8°32	23°R39	22° 6	20°14	15°10	W25
T 26	6 48 19	12°26'37	11♐17	16°25	9°46	8°29	7°27	18°33	4° 2	28°47	8°32	23°37	22° 3	20°21	15°11	T 26
F 27	6 52 16	13°27'48	24°48	18° 5	11° 0	9°11	7°40	18°40	4° 3	28°49	8°32	23°34	22° 0	20°27	15°11	F 27
S 28	6 56 12	14°28'59	8♑42	19°46	12°14	9°54	7°52	18°47	4° 4	28°51	8°33	23°27	21°57	20°34	15°12	S 28
S 29	7 0 9	15°30'08	22°57	21°27	13°29	10°37	8° 4	18°54	4° 6	28°53	8°33	23°19	21°54	20°41	15°12	S 29
M30	7 4 5	16°31'18	7♒25	23° 8	14°43	11°20	8°16	19° 2	4° 7	28°56	8°33	23°10	21°51	20°48	15°13	M30
T 31	7 8 2	17♑32'26	22♒ 2	24♑50	15♐57	12♐ 3	8♐28	19♑ 9	4♈ 8	28♑58	8♈34	23♏ 1	21♏47	20♍54	15♈14	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	22s53	18s50	3n59	21s37	0s 8	12s37	2n 5	17s49	0n12	20s 2	0n39	22s37	0s 1	0n54	0s42	20s29	0n10	12s29	17s18	18s57	18s41	0n37	7n 5	1n 8	
M 2	22 59	16 4	4 41	21 59	0 15	13 1	2 4	18 1	0 12	20 4	0 39	22 36	0 1	0 54	0 42	20 29	0 10	12 28	17 18	18 56	18 40	0 34	7 5	1 8	
T 3	23 4	12 20	5 7	22 20	0 21	13 24	2 3	18 12	0 11	20 7	0 38	22 36	0 2	0 54	0 42	20 28	0 10	12 28	17 17	18 55	18 39	0 32	7 4	1 8	
W 4	23 9	7 55	5 14	22 40	0 28	13 47	2 3	18 24	0 11	20 9	0 38	22 35	0 2	0 54	0 42	20 28	0 10	12 28	17 17	18 55	18 39	0 30	7 4	1 8	
T 5	23 13	3 3	5 2	22 59	0 34	14 10	2 1	18 35	0 10	20 12	0 38	22 34	0 2	0 54	0 42	20 28	0 10	12 28	17 17	18 54	18 38	0 28	7 3	1 7	
F 6	23 17	1n59	4 31	23 16	0 41	14 33	2 0	18 46	0 9	20 15	0 38	22 34	0 2	0 54	0 42	20 27	0 10	12 28	17 16	18 54	18 37	0 25	7 3	1 7	
S 7	23 20	6 54	3 44	23 33	0 47	14 55	1 59	18 57	0 9	20 17	0 38	22 33	0 2	0 54	0 42	20 27	0 10	12 27	17 16	18 54	18 36	0 23	7 3	1 7	
S 8	23 23	11 25	2 45	23 48	0 53	15 17	1 58	19 7	0 8	20 20	0 38	22 32	0 2	0 54	0 42	20 26	0 10	12 27	17 16	18 55	18 35	0 21	7 2	1 7	
M 9	23 26	15 17	1 35	24 3	0 59	15 38	1 57	19 18	0 7	20 22	0 38	22 31	0 2	0 54	0 42	20 26	0 10	12 27	17 15	18 55	18 35	0 19	7 2	1 7	
T 10	23 28	18 16	0 21	24 16	1 5	15 59	1 55	19 28	0 7	20 25	0 38	22 31	0 2	0 54	0 42	20 26	0 10	12 26	17 15	18 55	18 34	0 16	7 2	1 7	
W11	23 30	20 10	0s53	24 27	1 10	16 20	1 54	19 39	0 6	20 27	0 38	22 30	0 2	0 54	0 42	20 25	0 10	12 26	17 15	18 55	18 33	0 14	7 1	1 7	
T 12	23 31	20 53	2 3	24 38	1 16	16 40	1 52	19 49	0 6	20 30	0 38	22 29	0 2	0 54	0 42	20 25	0 10	12 26	17 14	18 55	18 32	0 12	7 1	1 7	
F 13	23 31	20 26	3 6	24 47	1 21	17 0	1 50	19 59	0 5	20 32	0 38	22 28	0 2	0 54	0 42	20 25	0 10	12 26	17 14	18 54	18 31	0 10	7 1	1 6	
S 14	23 31	18 53	3 57	24 55	1 26	17 20	1 49	20 8	0 4	20 34	0 38	22 27	0 2	0 55	0 42	20 24	0 10	12 25	17 13	18 52	18 31	0 7	7 0	1 6	
S 15	23 31	16 25	4 35	25 1	1 30	17 39	1 47	20 18	0 4	20 37	0 38	22 27	0 2	0 55	0 42	20 24	0 10	12 25	17 13	18 51	18 30	0 5	7 0	1 6	
M16	23 30	13 15	5 0	25 6	1 35	17 58	1 45	20 27	0 3	20 39	0 38	22 26	0 2	0 55	0 42	20 23	0 10	12 25	17 13	18 49	18 29	0 3	7 0	1 6	
T 17	23 29	9 34	5 10	25 10	1 39	18 16	1 43	20 37	0 2	20 41	0 38	22 25	0 3	0 55	0 42	20 23	0 10	12 24	17 12	18 47	18 28	0 0	7 0	1 6	
W18	23 27	5 34	5 6	25 12	1 43	18 34	1 41	20 46	0 2	20 44	0 38	22 24	0 3	0 56	0 42	20 22	0 10	12 24	17 12	18 46	18 27	0s 2	7 0	1 6	
T 19	23 25	1 24	4 48	25 12	1 47	18 51	1 39	20 55	0 1	20 46	0 38	22 23	0 3	0 56	0 42	20 22	0 10	12 23	17 12	18 45	18 26	0 4	7 0	1 6	
F 20	23 22	2s48	4 19	25 12	1 50	19 8	1 37	21 3	0 0	20 48	0 38	22 22	0 3	0 56	0 41	20 22	0 10	12 23	17 11	18 44	18 26	0 6	7 0	1 5	
S 21	23 19	6 54	3 38	25 9	1 53	19 24	1 35	21 12	0s 0	20 50	0 38	22 22	0 3	0 57	0 41	20 21	0 10	12 23	17 11	18 44	18 25	0 9	6 59	1 5	
S 22	23 15	10 47	2 48	25 5	1 56	19 40	1 33	21 20	0 1	20 52	0 38	22 21	0 3	0 57	0 41	20 21	0 10	12 22	17 11	18 44	18 24	0 11	6 59	1 5	
M23	23 11	14 17	1 49	25 0	1 58	19 55	1 30	21 28	0 2	20 54	0 38	22 20	0 3	0 57	0 41	20 20	0 10	12 22	17 10	18 45	18 23	0 13	6 59	1 5	
T 24	23 7	17 14	0 44	24 53	2 1	20 9	1 28	21 36	0 2	20 57	0 38	22 19	0 3	0 58	0 41	20 20	0 10	12 22	17 10	18 45	18 22	0 15	6 59	1 5	
W25	23 2	19 26	0n24	24 44	2 2	20 24	1 26	21 44	0 3	20 59	0 38	22 18	0 3	0 58	0 41	20 19	0 10	12 21	17 9	18 45	18 22	0 18	6 59	1 5	
T 26	22 56	20 40	1 34	24 34	2 4	20 37	1 23	21 51	0 4	21 1	0 38	22 17	0 3	0 59	0 41	20 19	0 10	12 21	17 9	18 45	18 21	0 20	6 59	1 5	
F 27	22 50	20 46	2 40	24 22	2 5	20 50	1 21	21 59	0 5	21 3	0 38	22 16	0 3	0 59	0 41	20 19	0 10	12 20	17 9	18 44	18 20	0 22	6 59	1 4	
S 28	22 44	19 37	3 38	24 8	2 5	21 3	1 18	22 6	0 5	21 5	0 38	22 15	0 3	1 0	0 41	20 18	0 10	12 20	17 8	18 42	18 19	0 24	7 0	1 4	
S 29	22 37	17 13	4 24	23 52	2 6	21 14	1 16	22 13	0 6	21 7	0 38	22 14	0 3	1 0	0 41	20 18	0 10	12 19	17 8	18 40	18 18	0 26	7 0	1 4	
M30	22 30	13 44	4 54	23 35	2 5	21 26	1 13	22 20	0 7	21 9	0 38	22 13	0 3	1 1	0 41	20 17	0 10	12 19	17 8	18 38	18 17	0 29	7 0	1 4	
T 31	22s22	9s24	5n 5	23s17	2s 5	21s36	1n11	22s26	0s 7	21s11	0n37	22s13	0s 4	1n 1	0s41	20s17	0n10	12s18	17s 7	18s36	18s17	0s31	7n 0	1n 4	

Julian Day Number = 2211557.5, Delta T = 09m19s
Ecliptic obliquity = 23°31'23, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°34'31, Lahiri = 14°41'32 Julian Calendar 1 Dec. 1342 == Greg. Calendar 9 Dec. 1342

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ASTRODIENST EPHEMERIS for the year 1343
geocentric

JANUARY 1343 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	7 11 58	18♑33'34	6♓39	26♑32	17♐11	12♐46	8♐40	19♑16	4♈10	29♑ 0	8♈34	22°R54	21♏44	21♍ 1	15♈14	W 1
T 2	7 15 55	19°34'41	21°10	28°15	18°25	13°29	8°51	19°23	4°11	29° 2	8°34	22♏48	21°41	21° 8	15°15	T 2
F 3	7 19 51	20°35'47	5♈30	29°57	19°39	14°12	9° 3	19°30	4°12	29° 5	8°35	22°45	21°38	21°14	15°16	F 3
S 4	7 23 48	21°36'51	19°36	1♒40	20°53	14°56	9°15	19°37	4°14	29° 7	8°35	22°D44	21°35	21°21	15°17	S 4
S 5	7 27 45	22°37'55	3♉29	3°23	22° 7	15°39	9°27	19°44	4°15	29° 9	8°36	22°44	21°32	21°28	15°18	S 5
M 6	7 31 41	23°38'58	17° 7	5° 5	23°22	16°22	9°38	19°51	4°17	29°11	8°36	22°R45	21°28	21°34	15°19	M 6
T 7	7 35 38	24°40'00	0♊33	6°47	24°36	17° 5	9°49	19°58	4°19	29°14	8°37	22°45	21°25	21°41	15°20	T 7
W 8	7 39 34	25°41'00	13°47	8°29	25°50	17°49	10° 1	20° 6	4°20	29°16	8°37	22°43	21°22	21°48	15°21	W 8
T 9	7 43 31	26°42'00	26°49	10°10	27° 4	18°32	10°12	20°13	4°22	29°18	8°38	22°38	21°19	21°55	15°23	T 9
F 10	7 47 27	27°42'58	9♋41	11°50	28°19	19°15	10°23	20°20	4°24	29°21	8°38	22°30	21°16	22° 1	15°24	F 10
S 11	7 51 24	28°43'56	22°23	13°29	29°33	19°59	10°34	20°27	4°26	29°23	8°39	22°20	21°12	22° 8	15°25	S 11
S 12	7 55 21	29°44'52	4♌53	15° 6	0♑47	20°42	10°46	20°34	4°27	29°25	8°39	22° 8	21° 9	22°15	15°27	S 12
M13	7 59 17	0♒45'47	17°13	16°41	2° 1	21°25	10°56	20°41	4°29	29°27	8°40	21°55	21° 6	22°21	15°28	M13
T 14	8 3 14	1°46'41	29°22	18°14	3°16	22° 9	11° 7	20°48	4°31	29°30	8°41	21°42	21° 3	22°28	15°30	T 14
W15	8 7 10	2°47'35	11♍23	19°44	4°30	22°52	11°18	20°55	4°33	29°32	8°41	21°30	21° 0	22°35	15°31	W15
T 16	8 11 7	3°48'27	23°16	21°10	5°44	23°36	11°29	21° 2	4°35	29°34	8°42	21°21	20°57	22°42	15°33	T 16
F 17	8 15 3	4°49'18	5♎ 6	22°32	6°59	24°19	11°39	21° 9	4°37	29°36	8°43	21°14	20°53	22°48	15°34	F 17
S 18	8 19 0	5°50'09	16°56	23°49	8°13	25° 3	11°50	21°16	4°39	29°39	8°44	21°10	20°50	22°55	15°36	S 18
S 19	8 22 56	6°50'58	28°50	25° 0	9°27	25°47	12° 0	21°23	4°41	29°41	8°44	21° 8	20°47	23° 2	15°38	S 19
M20	8 26 53	7°51'47	10♏55	26° 6	10°42	26°30	12°11	21°30	4°44	29°43	8°45	21°D 8	20°44	23° 8	15°40	M20
T 21	8 30 49	8°52'34	23°15	27° 4	11°56	27°14	12°21	21°37	4°46	29°46	8°46	21°R 8	20°41	23°15	15°41	T 21
W22	8 34 46	9°53'21	5♐56	27°54	13°10	27°58	12°31	21°44	4°48	29°48	8°47	21° 7	20°38	23°22	15°43	W22
T 23	8 38 43	10°54'06	19° 3	28°36	14°25	28°42	12°41	21°50	4°50	29°50	8°48	21° 5	20°34	23°28	15°45	T 23
F 24	8 42 39	11°54'51	2♑37	29° 8	15°39	29°25	12°51	21°57	4°53	29°52	8°48	21° 0	20°31	23°35	15°47	F 24
S 25	8 46 36	12°55'34	16°40	29°30	16°54	0♑ 9	13° 1	22° 4	4°55	29°55	8°49	20°51	20°28	23°42	15°49	S 25
S 26	8 50 32	13°56'16	1♒10	29°43	18° 8	0°53	13°10	22°11	4°58	29°57	8°50	20°41	20°25	23°49	15°52	S 26
M27	8 54 29	14°56'56	15°59	29°R44	19°23	1°37	13°20	22°18	5° 0	29°59	8°51	20°29	20°22	23°55	15°54	M27
T 28	8 58 25	15°57'35	1♓ 1	29°35	20°37	2°21	13°29	22°24	5° 3	0♒ 1	8°52	20°17	20°18	24° 2	15°56	T 28
W29	9 2 22	16°58'12	16° 4	29°16	21°51	3° 5	13°39	22°31	5° 5	0° 3	8°53	20° 7	20°15	24° 9	15°58	W29
T 30	9 6 19	17°58'48	0♈59	28°47	23° 6	3°49	13°48	22°38	5° 8	0° 6	8°54	19°59	20°12	24°15	16° 0	T 30
F 31	9 10 15	18♒59'21	15♈39	28♒ 8	24♑20	4♑33	13♐57	22♑44	5♈10	0♒ 8	8♈55	19♏53	20♏ 9	24♍22	16♈ 3	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
W 1	22s14	4s30	4n57	22s56	2s 3	21s46	1n 8	22s33	0s 8	21s12	0n37	22s12	0s 4	1n 2	0s41	20s16	0n10	12s18	17s 7	18s34	18s16	0s33	7n 0	1n 4	
T 2	22 5	0n36	4 29	22 34	2 2	21 56	1 6	22 39	0 9	21 14	0 37	22 11	0 4	1 2	0 41	20 16	0 10	12 17	17 6	18 32	18 15	0 35	7 0	1 4	
F 3	21 56	5 38	3 45	22 10	1 59	22 4	1 3	22 45	0 9	21 16	0 37	22 10	0 4	1 3	0 41	20 15	0 10	12 17	17 6	18 31	18 14	0 38	7 1	1 4	
S 4	21 47	10 17	2 48	21 45	1 57	22 13	1 0	22 50	0 10	21 18	0 37	22 9	0 4	1 4	0 41	20 15	0 10	12 16	17 6	18 31	18 13	0 40	7 1	1 3	
S 5	21 37	14 18	1 41	21 18	1 53	22 20	0 57	22 56	0 11	21 20	0 37	22 8	0 4	1 4	0 41	20 15	0 10	12 16	17 5	18 31	18 12	0 42	7 1	1 3	
M 6	21 27	17 29	0 30	20 49	1 49	22 27	0 55	23 1	0 12	21 21	0 37	22 7	0 4	1 5	0 41	20 14	0 10	12 15	17 5	18 31	18 12	0 44	7 1	1 3	
T 7	21 16	19 40	0s42	20 19	1 44	22 33	0 52	23 6	0 12	21 23	0 37	22 6	0 4	1 6	0 41	20 14	0 10	12 15	17 5	18 31	18 11	0 47	7 2	1 3	
W 8	21 5	20 43	1 50	19 48	1 39	22 38	0 49	23 11	0 13	21 25	0 37	22 5	0 4	1 6	0 41	20 13	0 10	12 14	17 4	18 31	18 10	0 49	7 2	1 3	
T 9	20 53	20 38	2 51	19 15	1 33	22 43	0 46	23 15	0 14	21 26	0 37	22 4	0 4	1 7	0 41	20 13	0 10	12 14	17 4	18 30	18 9	0 51	7 2	1 3	
F 10	20 41	19 28	3 42	18 40	1 26	22 47	0 43	23 20	0 15	21 28	0 37	22 3	0 4	1 8	0 41	20 12	0 10	12 13	17 4	18 28	18 8	0 53	7 3	1 3	
S 11	20 29	17 21	4 22	18 5	1 18	22 51	0 41	23 24	0 15	21 30	0 37	22 2	0 4	1 9	0 41	20 12	0 10	12 13	17 3	18 25	18 7	0 56	7 3	1 2	
S 12	20 16	14 27	4 48	17 28	1 10	22 53	0 38	23 28	0 16	21 31	0 37	22 1	0 4	1 9	0 41	20 11	0 10	12 12	17 3	18 22	18 7	0 58	7 4	1 2	
M13	20 3	10 57	5 1	16 51	1 0	22 55	0 35	23 31	0 17	21 33	0 37	22 0	0 4	1 10	0 41	20 11	0 10	12 12	17 3	18 18	18 6	1 0	7 4	1 2	
T 14	19 50	7 4	4 59	16 13	0 50	22 57	0 32	23 35	0 18	21 34	0 37	21 59	0 5	1 11	0 41	20 10	0 10	12 11	17 2	18 15	18 5	1 2	7 4	1 2	
W15	19 36	2 57	4 44	15 34	0 39	22 58	0 29	23 38	0 18	21 36	0 37	21 58	0 5	1 12	0 41	20 10	0 10	12 11	17 2	18 12	18 4	1 4	7 5	1 2	
T 16	19 22	1s15	4 17	14 56	0 28	22 58	0 26	23 41	0 19	21 37	0 37	21 57	0 5	1 13	0 40	20 9	0 9	12 10	17 2	18 10	18 3	1 7	7 5	1 2	
F 17	19 8	5 22	3 38	14 17	0 15	22 57	0 24	23 44	0 20	21 39	0 37	21 56	0 5	1 13	0 40	20 9	0 9	12 9	17 1	18 8	18 2	1 9	7 6	1 2	
S 18	18 53	9 18	2 51	13 39	0 2	22 55	0 21	23 46	0 21	21 40	0 37	21 55	0 5	1 14	0 40	20 9	0 9	12 9	17 1	18 7	18 2	1 11	7 6	1 2	
S 19	18 38	12 54	1 55	13 2	0n13	22 53	0 18	23 49	0 21	21 42	0 37	21 54	0 5	1 15	0 40	20 8	0 9	12 8	17 1	18 6	18 1	1 13	7 7	1 1	
M20	18 22	16 0	0 54	12 26	0 27	22 51	0 15	23 51	0 22	21 43	0 37	21 53	0 5	1 16	0 40	20 8	0 9	12 8	17 0	18 6	18 0	1 16	7 8	1 1	
T 21	18 6	18 28	0n11	11 52	0 43	22 47	0 12	23 53	0 23	21 44	0 37	21 52	0 5	1 17	0 40	20 7	0 9	12 7	17 0	18 6	17 59	1 18	7 8	1 1	
W22	17 50	20 6	1 18	11 19	0 59	22 43	0 9	23 54	0 24	21 46	0 37	21 51	0 5	1 18	0 40	20 7	0 9	12 6	17 0	18 6	17 58	1 20	7 9	1 1	
T 23	17 33	20 43	2 22	10 50	1 15	22 38	0 6	23 56	0 25	21 47	0 37	21 50	0 5	1 19	0 40	20 6	0 9	12 6	16 59	18 5	17 57	1 22	7 9	1 1	
F 24	17 17	20 9	3 21	10 23	1 32	22 32	0 4	23 57	0 25	21 48	0 37	21 49	0 5	1 20	0 40	20 6	0 9	12 5	16 59	18 4	17 57	1 24	7 10	1 1	
S 25	17 0	18 21	4 9	10 0	1 48	22 26	0 1	23 57	0 26	21 49	0 37	21 48	0 5	1 21	0 40	20 5	0 9	12 5	16 59	18 2	17 56	1 27	7 11	1 1	
S 26	16 42	15 22	4 43	9 40	2 5	22 19	0s 2	23 58	0 27	21 51	0 37	21 47	0 5	1 22	0 40	20 5	0 9	12 4	16 58	17 59	17 55	1 29	7 12	1 1	
M27	16 24	11 20	4 59	9 24	2 21	22 12	0 5	23 58	0 28	21 52	0 37	21 46	0 6	1 23	0 40	20 4	0 9	12 3	16 58	17 56	17 54	1 31	7 12	1 0	
T 28	16 6	6 33	4 55	9 13	2 36	22 3	0 7	23 59	0 28	21 53	0 37	21 45	0 6	1 24	0 40	20 4	0 9	12 3	16 58	17 53	17 53	1 33	7 13	1 0	
W29	15 48	1 22	4 30	9 6	2 51	21 55	0 10	23 58	0 29	21 54	0 37	21 44	0 6	1 25	0 40	20 3	0 9	12 2	16 58	17 50	17 52	1 35	7 14	1 0	
T 30	15 30	3n52	3 47	9 4	3 4	21 45	0 13	23 58	0 30	21 55	0 37	21 43	0 6	1 26	0 40	20 3	0 9	12 2	16 57	17 48	17 51	1 38	7 15	1 0	
F 31	15s11	8n47	2n50	9s 6	3n16	21s35	0s15	23s58	0s31	21s56	0n37	21s42	0s 6	1n27	0s40	20s 2	0n 9	12s 1	16s57	17s46	17s51	1s40	7n15	1n 0	

Julian Day Number = 2211588.5, Delta T = 09m19s
Ecliptic obliquity = 23°31'22, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°34'35, Lahiri = 14°41'36 Julian Calendar 1 Jan. 1343 == Greg. Calendar 9 Jan. 1343

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1343
geocentric

FEBRUARY 1343 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	9 14 12	19♒59'53	29♈58	27°R22	25♑35	5♑17	14♐ 6	22♑51	5♈13	0♒10	8♈56	19°R51	20♏ 6	24♍29	16♈ 5	S 1
S 2	9 18 8	21° 0'23	13♉56	26♒28	26°49	6° 1	14°15	22°58	5°15	0°12	8°57	19♏50	20° 3	24°35	16° 8	S 2
M 3	9 22 5	22° 0'51	27°32	25°28	28° 3	6°45	14°23	23° 4	5°18	0°14	8°58	19°50	19°59	24°42	16°10	M 3
T 4	9 26 1	23° 1'18	10♊49	24°25	29°18	7°29	14°32	23°11	5°21	0°16	8°59	19°49	19°56	24°49	16°12	T 4
W 5	9 29 58	24° 1'42	23°48	23°20	0♒32	8°13	14°41	23°17	5°24	0°19	9° 0	19°46	19°53	24°56	16°15	W 5
T 6	9 33 54	25° 2'04	6♋34	22°13	1°47	8°57	14°49	23°24	5°26	0°21	9° 1	19°41	19°50	25° 2	16°18	T 6
F 7	9 37 51	26° 2'25	19° 8	21° 8	3° 1	9°42	14°57	23°30	5°29	0°23	9° 2	19°33	19°47	25° 9	16°20	F 7
S 8	9 41 48	27° 2'43	1♌32	20° 6	4°15	10°26	15° 5	23°36	5°32	0°25	9° 3	19°22	19°44	25°16	16°23	S 8
S 9	9 45 44	28° 3'00	13°48	19° 7	5°30	11°10	15°13	23°43	5°35	0°27	9° 4	19° 8	19°40	25°22	16°26	S 9
M10	9 49 41	29° 3'14	25°56	18°13	6°44	11°54	15°21	23°49	5°38	0°29	9° 5	18°54	19°37	25°29	16°28	M10
T 11	9 53 37	0♓ 3'27	7♍57	17°25	7°59	12°39	15°29	23°55	5°41	0°31	9° 7	18°40	19°34	25°36	16°31	T 11
W12	9 57 34	1° 3'38	19°52	16°43	9°13	13°23	15°36	24° 1	5°44	0°33	9° 8	18°27	19°31	25°42	16°34	W12
T 13	10 1 30	2° 3'47	1♎43	16° 8	10°27	14° 7	15°44	24° 7	5°47	0°35	9° 9	18°16	19°28	25°49	16°37	T 13
F 14	10 5 27	3° 3'55	13°32	15°39	11°42	14°52	15°51	24°13	5°50	0°37	9°10	18° 9	19°24	25°56	16°40	F 14
S 15	10 9 23	4° 4'00	25°22	15°18	12°56	15°36	15°58	24°20	5°53	0°39	9°11	18° 4	19°21	26° 2	16°43	S 15
S 16	10 13 20	5° 4'05	7♏17	15° 4	14°10	16°21	16° 5	24°25	5°56	0°41	9°12	18° 1	19°18	26° 9	16°46	S 16
M17	10 17 16	6° 4'07	19°20	14°56	15°25	17° 5	16°12	24°31	5°59	0°43	9°14	18°D 1	19°15	26°16	16°49	M17
T 18	10 21 13	7° 4'08	1♐38	14°D55	16°39	17°50	16°19	24°37	6° 2	0°45	9°15	18°R 1	19°12	26°23	16°52	T 18
W19	10 25 10	8° 4'07	14°14	15° 1	17°54	18°34	16°25	24°43	6° 5	0°47	9°16	18° 1	19° 9	26°29	16°55	W19
T 20	10 29 6	9° 4'05	27°15	15°12	19° 8	19°19	16°32	24°49	6° 8	0°49	9°17	18° 0	19° 5	26°36	16°58	T 20
F 21	10 33 3	10° 4'01	10♑44	15°29	20°22	20° 3	16°38	24°55	6°11	0°51	9°19	17°56	19° 2	26°43	17° 1	F 21
S 22	10 36 59	11° 3'55	24°43	15°51	21°37	20°48	16°44	25° 0	6°14	0°53	9°20	17°50	18°59	26°49	17° 4	S 22
S 23	10 40 56	12° 3'48	9♒11	16°18	22°51	21°32	16°50	25° 6	6°18	0°54	9°21	17°42	18°56	26°56	17° 7	S 23
M24	10 44 52	13° 3'38	24° 4	16°49	24° 5	22°17	16°56	25°11	6°21	0°56	9°22	17°32	18°53	27° 3	17°10	M24
T 25	10 48 49	14° 3'27	9♓14	17°26	25°20	23° 2	17° 1	25°17	6°24	0°58	9°24	17°22	18°49	27° 9	17°14	T 25
W26	10 52 45	15° 3'14	24°31	18° 6	26°34	23°46	17° 7	25°22	6°27	1° 0	9°25	17°13	18°46	27°16	17°17	W26
T 27	10 56 42	16° 2'58	9♈44	18°50	27°49	24°31	17°12	25°28	6°31	1° 2	9°26	17° 6	18°43	27°23	17°20	T 27
F 28	11 0 39	17♓ 2'41	24♈42	19♒37	29♒ 3	25♑16	17♐17	25♑33	6♈34	1♒ 3	9♈28	17♏ 2	18♏40	27♍30	17♈24	F 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14s52	13n 6	1n43	9s12	3n26	21s24	0s18	23s57	0s32	21s57	0n37	21s41	0s 6	1n28	0s40	20s 2	0n 9	12s 0	16s57	17s46	17s50	1s42	7n16	1n 0
S 2	14 33	16 34	0 31	9 23	3 34	21 12	0 21	23 56	0 32	21 58	0 37	21 40	0 6	1 29	0 40	20 2	0 9	12 0	16 56	17 45	17 49	1 44	7 17	1 0
M 3	14 13	19 1	0s41	9 37	3 40	21 0	0 23	23 54	0 33	21 59	0 37	21 39	0 6	1 30	0 40	20 1	0 9	11 59	16 56	17 45	17 48	1 46	7 18	1 0
T 4	13 53	20 21	1 48	9 54	3 44	20 47	0 26	23 53	0 34	22 0	0 37	21 38	0 6	1 31	0 40	20 1	0 9	11 58	16 56	17 45	17 47	1 49	7 19	0 59
W 5	13 34	20 34	2 49	10 14	3 46	20 34	0 28	23 51	0 35	22 1	0 37	21 37	0 6	1 32	0 40	20 0	0 9	11 58	16 56	17 45	17 46	1 51	7 20	0 59
T 6	13 13	19 42	3 40	10 36	3 45	20 20	0 31	23 49	0 36	22 2	0 37	21 35	0 6	1 34	0 40	20 0	0 9	11 57	16 55	17 43	17 45	1 53	7 20	0 59
F 7	12 53	17 52	4 19	11 0	3 42	20 6	0 33	23 47	0 37	22 3	0 37	21 34	0 6	1 35	0 40	19 59	0 9	11 56	16 55	17 41	17 45	1 55	7 21	0 59
S 8	12 32	15 14	4 46	11 24	3 37	19 50	0 36	23 44	0 37	22 4	0 37	21 33	0 6	1 36	0 40	19 59	0 9	11 56	16 55	17 38	17 44	1 57	7 22	0 59
S 9	12 12	11 58	4 59	11 49	3 30	19 35	0 38	23 41	0 38	22 5	0 37	21 32	0 7	1 37	0 40	19 58	0 9	11 55	16 55	17 34	17 43	1 59	7 23	0 59
M10	11 51	8 15	4 58	12 13	3 22	19 18	0 40	23 38	0 39	22 6	0 37	21 31	0 7	1 38	0 40	19 58	0 9	11 54	16 54	17 30	17 42	2 2	7 24	0 59
T 11	11 29	4 14	4 43	12 37	3 12	19 1	0 43	23 35	0 40	22 7	0 37	21 30	0 7	1 39	0 40	19 58	0 9	11 54	16 54	17 26	17 41	2 4	7 25	0 59
W12	11 8	0 5	4 17	13 0	3 1	18 44	0 45	23 31	0 41	22 7	0 37	21 29	0 7	1 41	0 40	19 57	0 9	11 53	16 54	17 23	17 40	2 6	7 26	0 59
T 13	10 47	4s 2	3 39	13 22	2 49	18 26	0 47	23 28	0 42	22 8	0 37	21 28	0 7	1 42	0 40	19 57	0 9	11 53	16 54	17 20	17 39	2 8	7 27	0 58
F 14	10 25	8 0	2 52	13 43	2 36	18 8	0 49	23 24	0 42	22 9	0 37	21 27	0 7	1 43	0 40	19 56	0 9	11 52	16 54	17 18	17 39	2 10	7 28	0 58
S 15	10 3	11 40	1 57	14 1	2 23	17 49	0 51	23 19	0 43	22 10	0 37	21 26	0 7	1 44	0 40	19 56	0 9	11 51	16 53	17 16	17 38	2 13	7 29	0 58
S 16	9 41	14 53	0 57	14 19	2 9	17 29	0 53	23 15	0 44	22 10	0 37	21 26	0 7	1 45	0 40	19 55	0 9	11 51	16 53	17 16	17 37	2 15	7 30	0 58
M17	9 19	17 31	0n 7	14 34	1 56	17 9	0 55	23 10	0 45	22 11	0 37	21 25	0 7	1 47	0 40	19 55	0 9	11 50	16 53	17 15	17 36	2 17	7 31	0 58
T 18	8 57	19 23	1 12	14 48	1 42	16 49	0 57	23 5	0 46	22 12	0 37	21 24	0 7	1 48	0 40	19 55	0 9	11 49	16 53	17 16	17 35	2 19	7 32	0 58
W19	8 34	20 21	2 15	14 59	1 28	16 28	0 59	23 0	0 47	22 12	0 37	21 23	0 7	1 49	0 40	19 54	0 9	11 49	16 53	17 16	17 34	2 21	7 33	0 58
T 20	8 12	20 17	3 13	15 9	1 14	16 6	1 1	22 54	0 47	22 13	0 37	21 22	0 7	1 50	0 40	19 54	0 9	11 48	16 52	17 15	17 33	2 23	7 34	0 58
F 21	7 49	19 4	4 2	15 17	1 1	15 44	1 3	22 49	0 48	22 14	0 37	21 21	0 7	1 52	0 40	19 53	0 9	11 47	16 52	17 14	17 32	2 26	7 36	0 58
S 22	7 26	16 41	4 39	15 23	0 48	15 22	1 5	22 43	0 49	22 14	0 37	21 20	0 8	1 53	0 40	19 53	0 9	11 47	16 52	17 12	17 32	2 28	7 37	0 58
S 23	7 4	13 12	5 0	15 27	0 35	14 59	1 6	22 37	0 50	22 15	0 37	21 19	0 8	1 54	0 39	19 53	0 9	11 46	16 52	17 10	17 31	2 30	7 38	0 57
M24	6 41	8 48	5 1	15 30	0 22	14 36	1 8	22 30	0 51	22 15	0 37	21 18	0 8	1 56	0 39	19 52	0 9	11 45	16 52	17 7	17 30	2 32	7 39	0 57
T 25	6 18	3 47	4 42	15 30	0 10	14 13	1 10	22 24	0 52	22 16	0 37	21 17	0 8	1 57	0 39	19 52	0 9	11 45	16 52	17 5	17 29	2 34	7 40	0 57
W26	5 54	1n31	4 2	15 29	0s 2	13 49	1 11	22 17	0 52	22 16	0 38	21 16	0 8	1 58	0 39	19 51	0 9	11 44	16 51	17 2	17 28	2 36	7 41	0 57
T 27	5 31	6 42	3 5	15 27	0 13	13 25	1 12	22 10	0 53	22 17	0 38	21 15	0 8	1 59	0 39	19 51	0 9	11 43	16 51	17 0	17 27	2 39	7 42	0 57
F 28	5s 8	11n24	1n56	15s22	0s24	13s 0	1s14	22s 3	0s54	22s17	0n38	21s14	0s 8	2n 1	0s39	19s51	0n 9	11s43	16s51	16s59	17s26	2s41	7n44	0n57

Julian Day Number = 2211619.5, Delta T = 09m19s
Ecliptic obliquity = 23°31'23, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°34'40, Lahiri = 14°41'40 Julian Calendar 1 Feb. 1343 == Greg. Calendar 9 Feb. 1343

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ASTRODIENST EPHEMERIS for the year 1343
geocentric

MARCH 1343 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	11 4 35	18♓ 2'21	9♉19	20♒28	0♓17	26♑ 0	17♐22	25♑38	6♈37	1♒ 5	9♈29	17°R 0	18♏37	27♍36	17♈27	S 1
S 2	11 8 32	19° 1'59	23°30	21°22	1°32	26°45	17°27	25°44	6°40	1° 7	9°30	16°D59	18°34	27°43	17°30	S 2
M 3	11 12 28	20° 1'35	7♊15	22°19	2°46	27°30	17°32	25°49	6°44	1° 8	9°32	17♏ 0	18°30	27°50	17°34	M 3
T 4	11 16 25	21° 1'08	20°35	23°19	4° 0	28°15	17°36	25°54	6°47	1°10	9°33	17°R 1	18°27	27°56	17°37	T 4
W 5	11 20 21	22° 0'39	3♋33	24°21	5°14	28°59	17°41	25°59	6°50	1°12	9°34	17° 0	18°24	28° 3	17°41	W 5
T 6	11 24 18	23° 0'08	16°13	25°26	6°29	29°44	17°45	26° 4	6°54	1°13	9°36	16°57	18°21	28°10	17°44	T 6
F 7	11 28 14	23°59'34	28°38	26°34	7°43	0♒29	17°49	26° 8	6°57	1°15	9°37	16°52	18°18	28°16	17°47	F 7
S 8	11 32 11	24°58'58	10♌51	27°43	8°57	1°14	17°53	26°13	7° 0	1°16	9°39	16°45	18°15	28°23	17°51	S 8
S 9	11 36 8	25°58'19	22°56	28°55	10°11	1°59	17°56	26°18	7° 4	1°18	9°40	16°36	18°11	28°30	17°55	S 9
M10	11 40 4	26°57'39	4♍54	0♓ 9	11°26	2°43	18° 0	26°23	7° 7	1°19	9°41	16°27	18° 8	28°36	17°58	M10
T 11	11 44 1	27°56'56	16°48	1°24	12°40	3°28	18° 3	26°27	7°11	1°21	9°43	16°17	18° 5	28°43	18° 2	T 11
W12	11 47 57	28°56'11	28°40	2°42	13°54	4°13	18° 6	26°32	7°14	1°22	9°44	16° 8	18° 2	28°50	18° 5	W12
T 13	11 51 54	29°55'24	10♎30	4° 1	15° 8	4°58	18° 9	26°36	7°17	1°24	9°46	16° 1	17°59	28°56	18° 9	T 13
F 14	11 55 50	0♈54'35	22°21	5°23	16°23	5°43	18°12	26°40	7°21	1°25	9°47	15°56	17°55	29° 3	18°12	F 14
S 15	11 59 47	1°53'44	4♏15	6°46	17°37	6°28	18°14	26°45	7°24	1°26	9°48	15°54	17°52	29°10	18°16	S 15
S 16	12 3 43	2°52'51	16°14	8°11	18°51	7°13	18°16	26°49	7°28	1°28	9°50	15°D53	17°49	29°17	18°20	S 16
M17	12 7 40	3°51'56	28°22	9°37	20° 5	7°58	18°19	26°53	7°31	1°29	9°51	15°53	17°46	29°23	18°23	M17
T 18	12 11 36	4°51'00	10♐42	11° 5	21°19	8°43	18°21	26°57	7°35	1°30	9°53	15°55	17°43	29°30	18°27	T 18
W19	12 15 33	5°50'02	23°19	12°35	22°34	9°28	18°23	27° 1	7°38	1°31	9°54	15°56	17°40	29°37	18°31	W19
T 20	12 19 30	6°49'01	6♑17	14° 6	23°48	10°13	18°24	27° 5	7°41	1°33	9°56	15°R57	17°36	29°43	18°34	T 20
F 21	12 23 26	7°48'00	19°40	15°38	25° 2	10°58	18°26	27° 9	7°45	1°34	9°57	15°56	17°33	29°50	18°38	F 21
S 22	12 27 23	8°46'56	3♒29	17°13	26°16	11°43	18°27	27°12	7°48	1°35	9°58	15°54	17°30	29°57	18°42	S 22
S 23	12 31 19	9°45'50	17°46	18°49	27°30	12°28	18°28	27°16	7°52	1°36	10° 0	15°50	17°27	0♎ 3	18°45	S 23
M24	12 35 16	10°44'43	2♓27	20°26	28°44	13°13	18°29	27°20	7°55	1°37	10° 1	15°46	17°24	0°10	18°49	M24
T 25	12 39 12	11°43'34	17°29	22° 5	29°58	13°58	18°30	27°23	7°59	1°38	10° 3	15°41	17°21	0°17	18°53	T 25
W26	12 43 9	12°42'23	2♈41	23°46	1♈13	14°43	18°30	27°26	8° 2	1°39	10° 4	15°36	17°17	0°23	18°56	W26
T 27	12 47 5	13°41'10	17°54	25°28	2°27	15°28	18°30	27°30	8° 5	1°40	10° 6	15°32	17°14	0°30	19° 0	T 27
F 28	12 51 2	14°39'55	2♉59	27°11	3°41	16°13	18°R31	27°33	8° 9	1°41	10° 7	15°30	17°11	0°37	19° 4	F 28
S 29	12 54 59	15°38'38	17°45	28°57	4°55	16°58	18°30	27°36	8°12	1°42	10° 8	15°D30	17° 8	0°43	19° 8	S 29
S 30	12 58 55	16°37'19	2♊ 8	0♈43	6° 9	17°43	18°30	27°39	8°16	1°43	10°10	15°31	17° 5	0°50	19°11	S 30
M31	13 2 52	17♈35'57	16♊ 5	2♈32	7♈23	18♒28	18♐30	27♑42	8♈19	1♒44	10♈11	15♏32	17♏ 1	0♎57	19♈15	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	4s45	15n18	0n41	15s16	0s35	12s35	1s15	21s55	0s55	22s18	0n38	21s13	0s 8	2n 2	0s39	19s50	0n 9	11s42	16s51	16s58	17s25	2s43	7n45	0n57
S 2	4 21	18 9	0s35	15 8	0 45	12 10	1 16	21 48	0 56	22 18	0 38	21 13	0 8	2 3	0 39	19 50	0 9	11 41	16 51	16 58	17 25	2 45	7 46	0 57
M 3	3 58	19 51	1 46	14 59	0 54	11 44	1 18	21 40	0 57	22 19	0 38	21 12	0 8	2 5	0 39	19 50	0 9	11 41	16 51	16 58	17 24	2 47	7 47	0 57
T 4	3 34	20 22	2 50	14 48	1 3	11 18	1 19	21 31	0 58	22 19	0 38	21 11	0 8	2 6	0 39	19 49	0 9	11 40	16 51	16 59	17 23	2 49	7 49	0 57
W 5	3 11	19 46	3 43	14 35	1 12	10 52	1 20	21 23	0 58	22 20	0 38	21 10	0 9	2 7	0 39	19 49	0 9	11 40	16 50	16 58	17 22	2 52	7 50	0 56
T 6	2 47	18 10	4 24	14 21	1 20	10 25	1 21	21 14	0 59	22 20	0 38	21 9	0 9	2 9	0 39	19 49	0 9	11 39	16 50	16 58	17 21	2 54	7 51	0 56
F 7	2 24	15 45	4 51	14 5	1 28	9 58	1 22	21 6	1 0	22 20	0 38	21 8	0 9	2 10	0 39	19 48	0 9	11 38	16 50	16 56	17 20	2 56	7 52	0 56
S 8	2 0	12 41	5 5	13 48	1 35	9 31	1 23	20 57	1 1	22 21	0 38	21 7	0 9	2 11	0 39	19 48	0 9	11 38	16 50	16 54	17 19	2 58	7 53	0 56
S 9	1 36	9 7	5 4	13 29	1 42	9 4	1 24	20 47	1 2	22 21	0 38	21 7	0 9	2 13	0 39	19 48	0 9	11 37	16 50	16 52	17 18	3 0	7 55	0 56
M10	1 13	5 14	4 51	13 9	1 48	8 36	1 24	20 38	1 3	22 21	0 38	21 6	0 9	2 14	0 39	19 47	0 9	11 36	16 50	16 49	17 18	3 2	7 56	0 56
T 11	0 49	1 10	4 24	12 47	1 54	8 8	1 25	20 28	1 3	22 21	0 38	21 5	0 9	2 15	0 39	19 47	0 9	11 36	16 50	16 46	17 17	3 4	7 57	0 56
W12	0 25	2s56	3 47	12 24	2 0	7 40	1 26	20 19	1 4	22 22	0 38	21 4	0 9	2 17	0 39	19 47	0 9	11 35	16 50	16 43	17 16	3 7	7 59	0 56
T 13	0 2	6 55	2 59	12 0	2 5	7 12	1 26	20 9	1 5	22 22	0 38	21 4	0 9	2 18	0 39	19 46	0 9	11 35	16 50	16 41	17 15	3 9	8 0	0 56
F 14	0n22	10 39	2 4	11 34	2 9	6 44	1 27	19 58	1 6	22 22	0 38	21 3	0 9	2 20	0 39	19 46	0 9	11 34	16 50	16 40	17 14	3 11	8 1	0 56
S 15	0 45	13 58	1 3	11 7	2 13	6 15	1 27	19 48	1 7	22 22	0 38	21 2	0 9	2 21	0 39	19 46	0 9	11 33	16 50	16 39	17 13	3 13	8 2	0 56
S 16	1 9	16 43	0n 2	10 38	2 16	5 46	1 28	19 37	1 8	22 23	0 38	21 1	0 9	2 22	0 39	19 45	0 9	11 33	16 50	16 39	17 12	3 15	8 4	0 55
M17	1 33	18 46	1 7	10 8	2 19	5 17	1 28	19 27	1 8	22 23	0 38	21 1	0 10	2 24	0 39	19 45	0 9	11 32	16 50	16 39	17 11	3 17	8 5	0 55
T 18	1 56	19 58	2 11	9 37	2 22	4 48	1 28	19 16	1 9	22 23	0 38	21 0	0 10	2 25	0 39	19 45	0 9	11 32	16 49	16 40	17 10	3 19	8 6	0 55
W19	2 20	20 12	3 9	9 5	2 24	4 19	1 28	19 4	1 10	22 23	0 38	20 59	0 10	2 26	0 39	19 45	0 9	11 31	16 49	16 40	17 9	3 21	8 8	0 55
T 20	2 43	19 22	4 0	8 31	2 25	3 49	1 28	18 53	1 11	22 23	0 38	20 59	0 10	2 28	0 39	19 44	0 9	11 31	16 49	16 40	17 9	3 24	8 9	0 55
F 21	3 6	17 28	4 40	7 56	2 26	3 20	1 28	18 42	1 12	22 23	0 38	20 58	0 10	2 29	0 39	19 44	0 9	11 30	16 49	16 40	17 8	3 26	8 10	0 55
S 22	3 30	14 31	5 4	7 19	2 27	2 50	1 28	18 30	1 13	22 23	0 38	20 57	0 10	2 30	0 39	19 44	0 9	11 29	16 49	16 39	17 7	3 28	8 12	0 55
S 23	3 53	10 37	5 11	6 41	2 27	2 21	1 28	18 18	1 14	22 24	0 38	20 57	0 10	2 32	0 39	19 44	0 9	11 29	16 49	16 38	17 6	3 30	8 13	0 55
M24	4 16	5 59	4 58	6 3	2 26	1 51	1 28	18 6	1 14	22 24	0 38	20 56	0 10	2 33	0 39	19 43	0 9	11 28	16 49	16 37	17 5	3 32	8 14	0 55
T 25	4 39	0 54	4 25	5 22	2 25	1 21	1 28	17 54	1 15	22 24	0 38	20 55	0 10	2 35	0 39	19 43	0 9	11 28	16 49	16 35	17 4	3 34	8 16	0 55
W26	5 2	4n19	3 33	4 41	2 24	0 51	1 28	17 41	1 16	22 24	0 38	20 55	0 10	2 36	0 39	19 43	0 9	11 27	16 49	16 34	17 3	3 36	8 17	0 55
T 27	5 25	9 17	2 25	3 59	2 22	0 21	1 27	17 29	1 17	22 24	0 38	20 54	0 11	2 37	0 39	19 43	0 9	11 27	16 49	16 33	17 2	3 38	8 19	0 55
F 28	5 48	13 37	1 8	3 15	2 19	0n 8	1 27	17 16	1 18	22 24	0 38	20 54	0 11	2 39	0 39	19 43	0 9	11 26	16 49	16 32	17 1	3 40	8 20	0 54
S 29	6 11	16 59	0s12	2 30	2 16	0 38	1 26	17 3	1 18	22 24	0 38	20 53	0 11	2 40	0 39	19 42	0 9	11 26	16 49	16 32	17 1	3 43	8 21	0 54
S 30	6 33	19 11	1 30	1 44	2 13	1 8	1 26	16 50	1 19	22 24	0 38	20 53	0 11	2 41	0 39	19 42	0 9	11 25	16 49	16 33	17 0	3 45	8 23	0 54
M31	6n56	20n 8	2s40	0s57	2s 9	1n38	1s25	16s37	1s20	22s24	0n38	20s52	0s11	2n43	0s39	19s42	0n 9	11s25	16s49	16s33	16s59	3s47	8n24	0n54

Julian Day Number = 2211647.5, Delta T = 09m19s
Ecliptic obliquity = 23°31'23, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°34'43, Lahiri = 14°41'44 Julian Calendar 1 March 1343 == Greg. Calendar 9 March 1343

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ASTRODIENST EPHEMERIS for the year 1343
geocentric

APRIL 1343 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	13 6 48	18♈34'34	29♊34	4♈22	8♈37	19♒13	18°R29	27♑45	8♈22	1♒45	10♈13	15♏34	16♏58	1♎ 4	19♈19	T 1
W 2	13 10 45	19°33'08	12♋38	6°13	9°51	19°58	18♐28	27°48	8°26	1°46	10°14	15°35	16°55	1°10	19°23	W 2
T 3	13 14 41	20°31'40	25°20	8° 6	11° 5	20°42	18°27	27°50	8°29	1°46	10°15	15°R35	16°52	1°17	19°26	T 3
F 4	13 18 38	21°30'09	7♌44	10° 1	12°19	21°27	18°26	27°53	8°33	1°47	10°17	15°34	16°49	1°24	19°30	F 4
S 5	13 22 34	22°28'37	19°54	11°57	13°33	22°12	18°25	27°56	8°36	1°48	10°18	15°32	16°46	1°30	19°34	S 5
S 6	13 26 31	23°27'02	1♍54	13°55	14°47	22°57	18°23	27°58	8°39	1°49	10°20	15°29	16°42	1°37	19°38	S 6
M 7	13 30 28	24°25'25	13°47	15°55	16° 1	23°42	18°22	28° 0	8°43	1°49	10°21	15°25	16°39	1°44	19°41	M 7
T 8	13 34 24	25°23'46	25°37	17°56	17°15	24°27	18°20	28° 3	8°46	1°50	10°22	15°22	16°36	1°50	19°45	T 8
W 9	13 38 21	26°22'05	7♎27	19°58	18°29	25°12	18°17	28° 5	8°49	1°51	10°24	15°19	16°33	1°57	19°49	W 9
T 10	13 42 17	27°20'23	19°19	22° 2	19°43	25°57	18°15	28° 7	8°53	1°51	10°25	15°17	16°30	2° 4	19°53	T 10
F 11	13 46 14	28°18'38	1♏15	24° 7	20°57	26°42	18°13	28° 9	8°56	1°52	10°27	15°15	16°26	2°10	19°56	F 11
S 12	13 50 10	29°16'52	13°17	26°13	22°11	27°27	18°10	28°11	8°59	1°52	10°28	15°D15	16°23	2°17	20° 0	S 12
S 13	13 54 7	0♉15'04	25°26	28°21	23°25	28°12	18° 7	28°12	9° 2	1°53	10°29	15°15	16°20	2°24	20° 4	S 13
M14	13 58 3	1°13'14	7♐46	0♉29	24°39	28°57	18° 4	28°14	9° 6	1°53	10°31	15°16	16°17	2°30	20° 7	M14
T 15	14 2 0	2°11'23	20°18	2°38	25°53	29°42	18° 1	28°16	9° 9	1°53	10°32	15°17	16°14	2°37	20°11	T 15
W16	14 5 56	3° 9'30	3♑ 4	4°48	27° 7	0♓27	17°58	28°17	9°12	1°54	10°33	15°18	16°11	2°44	20°15	W16
T 17	14 9 53	4° 7'35	16° 8	6°57	28°21	1°11	17°54	28°18	9°15	1°54	10°35	15°19	16° 7	2°50	20°18	T 17
F 18	14 13 50	5° 5'40	29°31	9° 7	29°35	1°56	17°51	28°20	9°19	1°54	10°36	15°R19	16° 4	2°57	20°22	F 18
S 19	14 17 46	6° 3'43	13♒14	11°17	0♉48	2°41	17°47	28°21	9°22	1°55	10°37	15°19	16° 1	3° 4	20°26	S 19
S 20	14 21 43	7° 1'44	27°19	13°26	2° 2	3°26	17°43	28°22	9°25	1°55	10°39	15°19	15°58	3°11	20°29	S 20
M21	14 25 39	7°59'44	11♓44	15°34	3°16	4°11	17°38	28°23	9°28	1°55	10°40	15°18	15°55	3°17	20°33	M21
T 22	14 29 36	8°57'43	26°26	17°41	4°30	4°56	17°34	28°24	9°31	1°55	10°41	15°17	15°52	3°24	20°37	T 22
W23	14 33 32	9°55'40	11♈19	19°47	5°44	5°40	17°30	28°25	9°34	1°55	10°42	15°17	15°48	3°31	20°40	W23
T 24	14 37 29	10°53'36	26°17	21°51	6°58	6°25	17°25	28°25	9°37	1°56	10°44	15°16	15°45	3°37	20°44	T 24
F 25	14 41 25	11°51'30	11♉10	23°53	8°12	7°10	17°20	28°26	9°40	1°56	10°45	15°D16	15°42	3°44	20°47	F 25
S 26	14 45 22	12°49'23	25°52	25°52	9°26	7°54	17°15	28°27	9°43	1°56	10°46	15°16	15°39	3°51	20°51	S 26
S 27	14 49 19	13°47'15	10♊15	27°50	10°39	8°39	17°10	28°27	9°46	1°R56	10°47	15°16	15°36	3°57	20°54	S 27
M28	14 53 15	14°45'05	24°16	29°45	11°53	9°24	17° 5	28°27	9°49	1°56	10°49	15°16	15°32	4° 4	20°58	M28
T 29	14 57 12	15°42'53	7♋51	1♊37	13° 7	10° 8	16°59	28°27	9°52	1°56	10°50	15°R16	15°29	4°11	21° 1	T 29
W30	15 1 8	16♉40'40	21♋ 2	3♊27	14♉21	10♓53	16♐54	28♑28	9♈55	1♒56	10♈51	15♏16	15♏26	4♎17	21♈ 5	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	7n18	19n53	3s39	0s10	2s 4	2n 8	1s25	16s24	1s21	22s24	0n38	20s52	0s11	2n44	0s39	19s42	0n 9	11s24	16s50	16s33	16s58	3s49	8n25	0n54
W 2	7 41	18 32	4 24	0n39	1 59	2 38	1 24	16 10	1 22	22 24	0 38	20 51	0 11	2 45	0 39	19 42	0 9	11 24	16 50	16 34	16 57	3 51	8 27	0 54
T 3	8 3	16 18	4 55	1 29	1 53	3 8	1 23	15 57	1 23	22 24	0 38	20 51	0 11	2 47	0 39	19 41	0 9	11 23	16 50	16 34	16 56	3 53	8 28	0 54
F 4	8 25	13 23	5 12	2 20	1 47	3 37	1 22	15 43	1 23	22 23	0 38	20 50	0 11	2 48	0 39	19 41	0 9	11 23	16 50	16 33	16 55	3 55	8 29	0 54
S 5	8 47	9 56	5 14	3 12	1 41	4 7	1 21	15 29	1 24	22 23	0 38	20 50	0 11	2 49	0 39	19 41	0 9	11 22	16 50	16 33	16 54	3 57	8 31	0 54
S 6	9 8	6 8	5 2	4 4	1 34	4 37	1 20	15 15	1 25	22 23	0 38	20 50	0 11	2 51	0 39	19 41	0 9	11 22	16 50	16 32	16 53	3 59	8 32	0 54
M 7	9 30	2 8	4 37	4 57	1 26	5 6	1 19	15 1	1 26	22 23	0 38	20 49	0 12	2 52	0 39	19 41	0 9	11 21	16 50	16 31	16 52	4 2	8 33	0 54
T 8	9 51	1s56	4 1	5 51	1 18	5 36	1 18	14 46	1 27	22 23	0 38	20 49	0 12	2 53	0 39	19 41	0 9	11 21	16 50	16 30	16 51	4 4	8 35	0 54
W 9	10 13	5 56	3 14	6 46	1 10	6 5	1 17	14 32	1 27	22 23	0 38	20 49	0 12	2 55	0 39	19 41	0 9	11 20	16 50	16 29	16 51	4 6	8 36	0 54
T 10	10 34	9 43	2 18	7 40	1 1	6 34	1 16	14 18	1 28	22 23	0 38	20 48	0 12	2 56	0 39	19 40	0 9	11 20	16 50	16 28	16 50	4 8	8 38	0 54
F 11	10 55	13 9	1 17	8 35	0 51	7 3	1 15	14 3	1 29	22 22	0 38	20 48	0 12	2 57	0 39	19 40	0 9	11 19	16 50	16 28	16 49	4 10	8 39	0 54
S 12	11 15	16 3	0 11	9 30	0 42	7 32	1 13	13 48	1 30	22 22	0 38	20 48	0 12	2 58	0 39	19 40	0 9	11 19	16 50	16 28	16 48	4 12	8 40	0 53
S 13	11 36	18 17	0n56	10 26	0 32	8 1	1 12	13 33	1 30	22 22	0 38	20 47	0 12	3 0	0 39	19 40	0 9	11 19	16 50	16 28	16 47	4 14	8 42	0 53
M14	11 56	19 41	2 2	11 20	0 22	8 29	1 11	13 18	1 31	22 22	0 38	20 47	0 12	3 1	0 39	19 40	0 9	11 18	16 51	16 28	16 46	4 16	8 43	0 53
T 15	12 17	20 8	3 2	12 15	0 11	8 58	1 9	13 3	1 32	22 21	0 38	20 47	0 12	3 2	0 39	19 40	0 9	11 18	16 51	16 28	16 45	4 18	8 44	0 53
W16	12 37	19 34	3 55	13 9	0 1	9 26	1 8	12 48	1 33	22 21	0 38	20 47	0 12	3 4	0 39	19 40	0 9	11 17	16 51	16 29	16 44	4 20	8 46	0 53
T 17	12 56	17 58	4 37	14 2	0n10	9 54	1 6	12 33	1 33	22 21	0 38	20 47	0 13	3 5	0 39	19 40	0 9	11 17	16 51	16 29	16 43	4 22	8 47	0 53
F 18	13 16	15 21	5 5	14 54	0 20	10 21	1 4	12 17	1 34	22 21	0 38	20 46	0 13	3 6	0 39	19 40	0 9	11 17	16 51	16 29	16 42	4 24	8 48	0 53
S 19	13 35	11 50	5 17	15 45	0 31	10 49	1 3	12 2	1 35	22 20	0 37	20 46	0 13	3 7	0 39	19 40	0 9	11 16	16 51	16 29	16 41	4 27	8 50	0 53
S 20	13 54	7 35	5 10	16 35	0 41	11 16	1 1	11 46	1 36	22 20	0 37	20 46	0 13	3 8	0 39	19 40	0 9	11 16	16 51	16 29	16 40	4 29	8 51	0 53
M21	14 13	2 48	4 44	17 23	0 52	11 43	0 59	11 30	1 36	22 20	0 37	20 46	0 13	3 10	0 39	19 40	0 9	11 15	16 52	16 29	16 40	4 31	8 52	0 53
T 22	14 32	2n14	3 59	18 9	1 2	12 10	0 58	11 15	1 37	22 19	0 37	20 46	0 13	3 11	0 39	19 40	0 9	11 15	16 52	16 29	16 39	4 33	8 54	0 53
W23	14 51	7 13	2 58	18 53	1 11	12 36	0 56	10 59	1 38	22 19	0 37	20 46	0 13	3 12	0 39	19 40	0 9	11 15	16 52	16 28	16 38	4 35	8 55	0 53
T 24	15 9	11 47	1 44	19 35	1 20	13 2	0 54	10 43	1 38	22 18	0 37	20 46	0 13	3 13	0 39	19 39	0 9	11 14	16 52	16 28	16 37	4 37	8 56	0 53
F 25	15 27	15 36	0 23	20 15	1 29	13 28	0 52	10 27	1 39	22 18	0 37	20 46	0 13	3 14	0 39	19 39	0 9	11 14	16 52	16 28	16 36	4 39	8 57	0 53
S 26	15 44	18 21	0s59	20 52	1 37	13 53	0 50	10 11	1 40	22 18	0 37	20 46	0 14	3 16	0 39	19 39	0 9	11 14	16 52	16 28	16 35	4 41	8 59	0 53
S 27	16 2	19 51	2 14	21 27	1 45	14 19	0 48	9 54	1 41	22 17	0 37	20 46	0 14	3 17	0 39	19 39	0 9	11 14	16 53	16 28	16 34	4 43	9 0	0 53
M28	16 19	20 4	3 20	21 59	1 52	14 43	0 46	9 38	1 41	22 17	0 37	20 46	0 14	3 18	0 39	19 39	0 9	11 13	16 53	16 28	16 33	4 45	9 1	0 53
T 29	16 36	19 5	4 12	22 29	1 58	15 8	0 44	9 22	1 42	22 16	0 37	20 46	0 14	3 19	0 39	19 40	0 9	11 13	16 53	16 28	16 32	4 47	9 3	0 52
W30	16n53	17n 6	4s50	22n56	2n 4	15n32	0s42	9s 6	1s43	22s16	0n37	20s46	0s14	3n20	0s39	19s40	0n 9	11s13	16s53	16s28	16s31	4s49	9n 4	0n52

Julian Day Number = 2211678.5, Delta T = 09m19s
Ecliptic obliquity = 23°31'23, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°34'48, Lahiri = 14°41'48 Julian Calendar 1 Apr. 1343 == Greg. Calendar 9 Apr. 1343

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ASTRODIENST EPHEMERIS for the year 1343
geocentric

MAY 1343 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	15 5 5	17♉38'24	3♌49	5♊13	15♉35	11♓37	16°R48	28°R48	9♈58	1°R55	10♈52	15°R16	15♏23	4♎24	21♈ 8	T 1
F 2	15 9 1	18°36'08	16°16	6°56	16°49	12°22	16♐42	28♑28	10° 1	1♒55	10°53	15°D16	15°20	4°31	21°12	F 2
S 3	15 12 58	19°33'49	28°27	8°37	18° 2	13° 6	16°36	28°27	10° 4	1°55	10°55	15♏16	15°17	4°37	21°15	S 3
S 4	15 16 54	20°31'29	10♍26	10°14	19°16	13°51	16°30	28°27	10° 6	1°55	10°56	15°16	15°13	4°44	21°19	S 4
M 5	15 20 51	21°29'07	22°18	11°48	20°30	14°35	16°24	28°27	10° 9	1°55	10°57	15°17	15°10	4°51	21°22	M 5
T 6	15 24 48	22°26'44	4♎ 8	13°18	21°44	15°19	16°18	28°26	10°12	1°54	10°58	15°18	15° 7	4°57	21°25	T 6
W 7	15 28 44	23°24'19	15°59	14°46	22°57	16° 4	16°11	28°26	10°15	1°54	10°59	15°18	15° 4	5° 4	21°29	W 7
T 8	15 32 41	24°21'53	27°54	16°10	24°11	16°48	16° 5	28°25	10°17	1°54	11° 0	15°19	15° 1	5°11	21°32	T 8
F 9	15 36 37	25°19'26	9♏57	17°30	25°25	17°32	15°58	28°24	10°20	1°53	11° 1	15°R20	14°57	5°17	21°35	F 9
S 10	15 40 34	26°16'57	22°10	18°48	26°39	18°16	15°51	28°23	10°23	1°53	11° 2	15°20	14°54	5°24	21°38	S 10
S 11	15 44 30	27°14'27	4♐35	20° 1	27°52	19° 0	15°45	28°23	10°25	1°52	11° 3	15°19	14°51	5°31	21°42	S 11
M12	15 48 27	28°11'57	17°12	21°11	29° 6	19°44	15°38	28°21	10°28	1°52	11° 5	15°18	14°48	5°37	21°45	M12
T 13	15 52 23	29° 9'25	0♑ 2	22°18	0♊20	20°29	15°31	28°20	10°30	1°51	11° 6	15°16	14°45	5°44	21°48	T 13
W14	15 56 20	0♊ 6'52	13° 7	23°21	1°34	21°13	15°24	28°19	10°33	1°51	11° 7	15°14	14°42	5°51	21°51	W14
T 15	16 0 17	1° 4'19	26°26	24°20	2°47	21°56	15°17	28°18	10°35	1°50	11° 8	15°12	14°38	5°57	21°54	T 15
F 16	16 4 13	2° 1'44	9♒59	25°15	4° 1	22°40	15° 9	28°16	10°38	1°50	11° 9	15°11	14°35	6° 4	21°57	F 16
S 17	16 8 10	2°59'09	23°46	26° 7	5°15	23°24	15° 2	28°15	10°40	1°49	11° 9	15°10	14°32	6°11	22° 0	S 17
S 18	16 12 6	3°56'33	7♓46	26°54	6°28	24° 8	14°55	28°13	10°43	1°49	11°10	15°D 9	14°29	6°18	22° 3	S 18
M19	16 16 3	4°53'57	21°58	27°38	7°42	24°52	14°47	28°12	10°45	1°48	11°11	15°10	14°26	6°24	22° 6	M19
T 20	16 19 59	5°51'20	6♈21	28°17	8°56	25°36	14°40	28°10	10°47	1°47	11°12	15°11	14°23	6°31	22° 9	T 20
W21	16 23 56	6°48'42	20°51	28°53	10°10	26°19	14°32	28° 8	10°50	1°46	11°13	15°12	14°19	6°38	22°12	W21
T 22	16 27 52	7°46'04	5♉24	29°24	11°23	27° 3	14°25	28° 6	10°52	1°46	11°14	15°13	14°16	6°44	22°15	T 22
F 23	16 31 49	8°43'25	19°54	29°50	12°37	27°46	14°17	28° 4	10°54	1°45	11°15	15°R14	14°13	6°51	22°18	F 23
S 24	16 35 46	9°40'46	4♊18	0♋12	13°51	28°30	14°10	28° 2	10°56	1°44	11°16	15°13	14°10	6°58	22°21	S 24
S 25	16 39 42	10°38'06	18°28	0°30	15° 4	29°13	14° 2	28° 0	10°58	1°43	11°17	15°10	14° 7	7° 4	22°23	S 25
M26	16 43 39	11°35'25	2♋21	0°43	16°18	29°57	13°54	27°57	11° 0	1°42	11°17	15° 7	14° 3	7°11	22°26	M26
T 27	16 47 35	12°32'44	15°54	0°52	17°32	0♈40	13°47	27°55	11° 2	1°41	11°18	15° 3	14° 0	7°18	22°29	T 27
W28	16 51 32	13°30'01	29° 4	0°R56	18°46	1°23	13°39	27°53	11° 4	1°40	11°19	14°59	13°57	7°24	22°32	W28
T 29	16 55 28	14°27'18	11♌53	0°55	19°59	2° 6	13°31	27°50	11° 6	1°40	11°20	14°55	13°54	7°31	22°34	T 29
F 30	16 59 25	15°24'34	24°22	0°50	21°13	2°49	13°24	27°47	11° 8	1°39	11°20	14°52	13°51	7°38	22°37	F 30
S 31	17 3 21	16♊21'49	6♍34	0♋41	22♊27	3♈32	13♐16	27♑45	11♈10	1♒38	11♈21	14♏50	13♏48	7♎44	22♈39	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	17n 9	14n19	5s11	23n21	2n 8	15n55	0s40	8s49	1s43	22s15	0n37	20s46	0s14	3n21	0s39	19s40	0n 9	11s12	16s53	16s28	16s30	4s51	9n 5	0n52	
F 2	17 25	10 58	5 18	23 43	2 12	16 19	0 38	8 33	1 44	22 15	0 37	20 46	0 14	3 23	0 39	19 40	0 9	11 12	16 54	16 28	16 29	4 53	9 6	0 52	
S 3	17 41	7 13	5 9	24 3	2 15	16 42	0 36	8 16	1 45	22 14	0 37	20 46	0 14	3 24	0 39	19 40	0 9	11 12	16 54	16 28	16 28	4 55	9 8	0 52	
S 4	17 57	3 15	4 48	24 20	2 18	17 4	0 33	8 0	1 45	22 14	0 37	20 47	0 14	3 25	0 39	19 40	0 9	11 12	16 54	16 28	16 27	4 57	9 9	0 52	
M 5	18 12	0s49	4 14	24 35	2 19	17 26	0 31	7 43	1 46	22 13	0 37	20 47	0 14	3 26	0 40	19 40	0 9	11 11	16 54	16 29	16 27	4 59	9 10	0 52	
T 6	18 27	4 51	3 29	24 48	2 20	17 48	0 29	7 26	1 46	22 12	0 37	20 47	0 15	3 27	0 40	19 40	0 9	11 11	16 54	16 29	16 26	5 1	9 11	0 52	
W 7	18 41	8 42	2 36	24 58	2 20	18 9	0 27	7 10	1 47	22 12	0 37	20 47	0 15	3 28	0 40	19 40	0 9	11 11	16 55	16 29	16 25	5 4	9 12	0 52	
T 8	18 56	12 15	1 35	25 6	2 19	18 29	0 25	6 53	1 48	22 11	0 36	20 47	0 15	3 29	0 40	19 40	0 9	11 11	16 55	16 29	16 24	5 6	9 14	0 52	
F 9	19 10	15 19	0 30	25 13	2 17	18 49	0 22	6 36	1 48	22 11	0 36	20 48	0 15	3 30	0 40	19 40	0 9	11 11	16 55	16 29	16 23	5 8	9 15	0 52	
S 10	19 23	17 46	0n38	25 17	2 15	19 9	0 20	6 19	1 49	22 10	0 36	20 48	0 15	3 31	0 40	19 40	0 9	11 10	16 55	16 29	16 22	5 10	9 16	0 52	
S 11	19 37	19 25	1 45	25 20	2 11	19 28	0 18	6 3	1 50	22 9	0 36	20 48	0 15	3 32	0 40	19 40	0 9	11 10	16 56	16 29	16 21	5 12	9 17	0 52	
M12	19 50	20 7	2 47	25 20	2 7	19 47	0 15	5 46	1 50	22 9	0 36	20 49	0 15	3 33	0 40	19 40	0 9	11 10	16 56	16 29	16 20	5 14	9 18	0 52	
T 13	20 2	19 48	3 43	25 19	2 2	20 5	0 13	5 29	1 51	22 8	0 36	20 49	0 15	3 34	0 40	19 41	0 9	11 10	16 56	16 28	16 19	5 16	9 19	0 52	
W14	20 15	18 26	4 28	25 17	1 56	20 22	0 11	5 12	1 51	22 7	0 36	20 49	0 15	3 35	0 40	19 41	0 9	11 10	16 56	16 28	16 18	5 18	9 21	0 52	
T 15	20 27	16 3	4 59	25 13	1 49	20 39	0 8	4 55	1 52	22 7	0 36	20 50	0 16	3 36	0 40	19 41	0 9	11 10	16 57	16 27	16 17	5 20	9 22	0 52	
F 16	20 38	12 45	5 15	25 7	1 41	20 56	0 6	4 38	1 52	22 6	0 36	20 50	0 16	3 37	0 40	19 41	0 9	11 9	16 57	16 27	16 16	5 22	9 23	0 52	
S 17	20 50	8 44	5 12	25 1	1 33	21 12	0 3	4 21	1 53	22 5	0 36	20 50	0 16	3 38	0 40	19 41	0 9	11 9	16 57	16 26	16 15	5 24	9 24	0 52	
S 18	21 1	4 10	4 52	24 53	1 24	21 27	0 1	4 4	1 53	22 5	0 36	20 51	0 16	3 39	0 40	19 41	0 9	11 9	16 57	16 26	16 14	5 26	9 25	0 52	
M19	21 11	0n41	4 13	24 43	1 13	21 42	0n 1	3 47	1 54	22 4	0 35	20 51	0 16	3 40	0 40	19 41	0 9	11 9	16 58	16 26	16 13	5 28	9 26	0 52	
T 20	21 21	5 34	3 18	24 33	1 3	21 56	0 4	3 30	1 54	22 3	0 35	20 52	0 16	3 40	0 40	19 42	0 9	11 9	16 58	16 27	16 12	5 30	9 27	0 52	
W21	21 31	10 11	2 10	24 22	0 51	22 9	0 6	3 13	1 55	22 2	0 35	20 52	0 16	3 41	0 40	19 42	0 9	11 9	16 58	16 27	16 12	5 32	9 28	0 52	
T 22	21 41	14 13	0 54	24 10	0 38	22 22	0 8	2 57	1 55	22 2	0 35	20 53	0 16	3 42	0 40	19 42	0 9	11 9	16 59	16 27	16 11	5 34	9 29	0 51	
F 23	21 50	17 22	0s26	23 57	0 25	22 34	0 11	2 40	1 56	22 1	0 35	20 53	0 16	3 43	0 40	19 42	0 9	11 9	16 59	16 28	16 10	5 36	9 30	0 51	
S 24	21 59	19 23	1 43	23 43	0 12	22 46	0 13	2 23	1 56	22 0	0 35	20 54	0 16	3 44	0 40	19 42	0 9	11 9	16 59	16 27	16 9	5 38	9 31	0 51	
S 25	22 7	20 9	2 53	23 29	0s 3	22 56	0 16	2 6	1 57	21 59	0 35	20 54	0 17	3 45	0 40	19 42	0 9	11 9	17 0	16 27	16 8	5 40	9 32	0 51	
M26	22 15	19 40	3 51	23 13	0 18	23 7	0 18	1 49	1 57	21 59	0 35	20 55	0 17	3 45	0 40	19 43	0 9	11 9	17 0	16 26	16 7	5 42	9 33	0 51	
T 27	22 23	18 2	4 34	22 58	0 33	23 16	0 20	1 32	1 58	21 58	0 34	20 55	0 17	3 46	0 40	19 43	0 8	11 9	17 0	16 24	16 6	5 44	9 34	0 51	
W28	22 30	15 30	5 1	22 42	0 49	23 25	0 23	1 15	1 58	21 57	0 34	20 56	0 17	3 47	0 40	19 43	0 8	11 9	17 0	16 23	16 5	5 46	9 35	0 51	
T 29	22 37	12 17	5 13	22 26	1 5	23 33	0 25	0 58	1 59	21 56	0 34	20 57	0 17	3 48	0 40	19 43	0 8	11 9	17 1	16 22	16 4	5 48	9 36	0 51	
F 30	22 43	8 35	5 9	22 9	1 22	23 41	0 27	0 42	1 59	21 55	0 34	20 57	0 17	3 48	0 40	19 44	0 8	11 9	17 1	16 21	16 3	5 50	9 37	0 51	
S 31	22n49	4n37	4s51	21n53	1s39	23n48	0n29	0s25	1s59	21s55	0n34	20s58	0s17	3n49	0s40	19s44	0n 8	11s 9	17s 1	16s21	16s 2	5s52	9n38	0n51	

Julian Day Number = 2211708.5, Delta T = 09m19s
Ecliptic obliquity = 23°31'22, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°34'52, Lahiri = 14°41'52 Julian Calendar 1 May 1343 == Greg. Calendar 9 May 1343

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ASTRODIENST EPHEMERIS for the year 1343
geocentric

JUNE 1343 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	17 7 18	17♊19'03	18♍34	0°R27	23♊40	4♈15	13°R 8	27°R42	11♈12	1°R37	11♈22	14°D50	13♏44	7♎51	22♈42	S 1
M 2	17 11 15	18°16'17	0♎27	0♋ 9	24°54	4°58	13♐ 1	27♑39	11°14	1♒35	11°23	14♏50	13°41	7°58	22°44	M 2
T 3	17 15 11	19°13'29	12°17	29♊48	26° 8	5°40	12°53	27°36	11°15	1°34	11°23	14°52	13°38	8° 4	22°47	T 3
W 4	17 19 8	20°10'42	24° 9	29°23	27°21	6°23	12°46	27°33	11°17	1°33	11°24	14°54	13°35	8°11	22°49	W 4
T 5	17 23 4	21° 7'53	6♏ 8	28°56	28°35	7° 6	12°38	27°30	11°19	1°32	11°24	14°55	13°32	8°18	22°51	T 5
F 6	17 27 1	22° 5'04	18°18	28°25	29°49	7°48	12°31	27°27	11°20	1°31	11°25	14°R55	13°29	8°24	22°54	F 6
S 7	17 30 57	23° 2'15	0♐42	27°53	1♋ 2	8°31	12°23	27°24	11°22	1°30	11°26	14°54	13°25	8°31	22°56	S 7
S 8	17 34 54	23°59'25	13°22	27°19	2°16	9°13	12°16	27°21	11°24	1°29	11°26	14°51	13°22	8°38	22°58	S 8
M 9	17 38 51	24°56'35	26°18	26°44	3°30	9°55	12° 9	27°17	11°25	1°27	11°27	14°46	13°19	8°44	23° 0	M 9
T 10	17 42 47	25°53'45	9♑32	26° 8	4°43	10°37	12° 1	27°14	11°26	1°26	11°27	14°40	13°16	8°51	23° 3	T 10
W11	17 46 44	26°50'54	23° 1	25°33	5°57	11°19	11°54	27°10	11°28	1°25	11°28	14°34	13°13	8°58	23° 5	W11
T 12	17 50 40	27°48'04	6♒43	24°58	7°11	12° 1	11°47	27° 7	11°29	1°24	11°28	14°27	13° 9	9° 4	23° 7	T 12
F 13	17 54 37	28°45'13	20°36	24°25	8°24	12°43	11°40	27° 3	11°31	1°22	11°29	14°21	13° 6	9°11	23° 9	F 13
S 14	17 58 33	29°42'23	4♓36	23°54	9°38	13°25	11°33	27° 0	11°32	1°21	11°29	14°17	13° 3	9°18	23°11	S 14
S 15	18 2 30	0♋39'32	18°42	23°25	10°52	14° 7	11°26	26°56	11°33	1°20	11°30	14°15	13° 0	9°24	23°13	S 15
M16	18 6 26	1°36'42	2♈52	22°59	12° 5	14°48	11°19	26°52	11°34	1°18	11°30	14°D14	12°57	9°31	23°14	M16
T 17	18 10 23	2°33'53	17° 2	22°37	13°19	15°30	11°12	26°48	11°35	1°17	11°30	14°15	12°54	9°38	23°16	T 17
W18	18 14 20	3°31'03	1♉13	22°19	14°33	16°11	11° 6	26°45	11°36	1°16	11°31	14°16	12°50	9°44	23°18	W18
T 19	18 18 16	4°28'15	15°22	22° 4	15°46	16°52	10°59	26°41	11°37	1°14	11°31	14°R16	12°47	9°51	23°20	T 19
F 20	18 22 13	5°25'26	29°27	21°55	17° 0	17°33	10°53	26°37	11°38	1°13	11°31	14°15	12°44	9°58	23°21	F 20
S 21	18 26 9	6°22'38	13♊25	21°D50	18°14	18°14	10°47	26°33	11°39	1°12	11°32	14°12	12°41	10° 4	23°23	S 21
S 22	18 30 6	7°19'50	27°14	21°50	19°27	18°55	10°40	26°29	11°40	1°10	11°32	14° 7	12°38	10°11	23°25	S 22
M23	18 34 2	8°17'02	10♋49	21°55	20°41	19°36	10°34	26°25	11°41	1° 9	11°32	13°59	12°35	10°18	23°26	M23
T 24	18 37 59	9°14'15	24° 9	22° 6	21°55	20°17	10°28	26°20	11°42	1° 7	11°32	13°50	12°31	10°24	23°28	T 24
W25	18 41 55	10°11'28	7♌10	22°21	23° 8	20°57	10°23	26°16	11°43	1° 6	11°33	13°40	12°28	10°31	23°29	W25
T 26	18 45 52	11° 8'40	19°54	22°42	24°22	21°38	10°17	26°12	11°43	1° 4	11°33	13°31	12°25	10°38	23°30	T 26
F 27	18 49 49	12° 5'53	2♍20	23° 9	25°36	22°18	10°11	26° 8	11°44	1° 3	11°33	13°23	12°22	10°44	23°32	F 27
S 28	18 53 45	13° 3'06	14°31	23°41	26°49	22°58	10° 6	26° 4	11°45	1° 1	11°33	13°17	12°19	10°51	23°33	S 28
S 29	18 57 42	14° 0'20	26°30	24°18	28° 3	23°38	10° 1	25°59	11°45	1° 0	11°33	13°14	12°15	10°58	23°34	S 29
M30	19 1 38	14♋57'33	8♎22	25♊ 0	29♋16	24♈18	9♐56	25♑55	11♈46	0♒58	11♈33	13♏12	12♏12	11♎ 4	23♈35	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊		☊		⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl		decl		decl		decl	lat
S 1	22n55	0n32	4s21	21n36	1s55	23n54	0n32	0s 8	2s 0	21s54	0n34	20s59	0s17	3n50	0s40	19s44	0n 8	11s 9	17s 2	16s21	16s 1	5s54	9n39	0n51
M 2	23 0	3s32	3 39	21 19	2 12	23 59	0 34	0n 8	2 0	21 53	0 34	20 59	0 17	3 51	0 40	19 44	0 8	11 9	17 2	16 21	16 0	5 56	9 40	0 51
T 3	23 5	7 28	2 49	21 3	2 28	24 4	0 36	0 25	2 1	21 52	0 34	21 0	0 18	3 51	0 40	19 44	0 8	11 9	17 2	16 21	15 59	5 58	9 41	0 51
W 4	23 9	11 7	1 51	20 47	2 45	24 8	0 38	0 42	2 1	21 51	0 33	21 1	0 18	3 52	0 40	19 45	0 8	11 9	17 3	16 22	15 58	6 0	9 42	0 51
T 5	23 13	14 22	0 48	20 31	3 0	24 11	0 41	0 58	2 1	21 50	0 33	21 1	0 18	3 52	0 40	19 45	0 8	11 9	17 3	16 22	15 57	6 2	9 42	0 51
F 6	23 17	17 3	0n18	20 16	3 15	24 14	0 43	1 15	2 2	21 50	0 33	21 2	0 18	3 53	0 40	19 45	0 8	11 9	17 3	16 22	15 56	6 4	9 43	0 51
S 7	23 20	18 59	1 25	20 1	3 29	24 16	0 45	1 31	2 2	21 49	0 33	21 3	0 18	3 54	0 40	19 46	0 8	11 9	17 4	16 22	15 55	6 6	9 44	0 51
S 8	23 23	20 2	2 28	19 48	3 42	24 17	0 47	1 47	2 2	21 48	0 33	21 4	0 18	3 54	0 40	19 46	0 8	11 9	17 4	16 21	15 54	6 8	9 45	0 51
M 9	23 26	20 3	3 26	19 35	3 54	24 17	0 49	2 4	2 3	21 47	0 33	21 4	0 18	3 55	0 40	19 46	0 8	11 9	17 4	16 20	15 53	6 10	9 46	0 51
T 10	23 28	18 58	4 13	19 23	4 5	24 17	0 51	2 20	2 3	21 46	0 32	21 5	0 18	3 55	0 40	19 46	0 8	11 9	17 5	16 18	15 52	6 12	9 46	0 51
W11	23 29	16 49	4 48	19 13	4 14	24 16	0 53	2 36	2 3	21 46	0 32	21 6	0 18	3 56	0 40	19 47	0 8	11 10	17 5	16 16	15 52	6 14	9 47	0 51
T 12	23 30	13 43	5 6	19 3	4 22	24 14	0 55	2 52	2 3	21 45	0 32	21 7	0 19	3 56	0 40	19 47	0 8	11 10	17 5	16 14	15 51	6 16	9 48	0 51
F 13	23 31	9 49	5 7	18 56	4 29	24 12	0 57	3 9	2 4	21 44	0 32	21 7	0 19	3 57	0 40	19 47	0 8	11 10	17 6	16 12	15 50	6 18	9 49	0 51
S 14	23 31	5 21	4 50	18 49	4 34	24 9	0 59	3 25	2 4	21 43	0 32	21 8	0 19	3 57	0 40	19 48	0 8	11 10	17 6	16 11	15 49	6 20	9 49	0 51
S 15	23 31	0 34	4 15	18 44	4 37	24 5	1 0	3 41	2 4	21 42	0 32	21 9	0 19	3 58	0 40	19 48	0 8	11 10	17 6	16 10	15 48	6 22	9 50	0 51
M16	23 31	4n16	3 25	18 41	4 39	24 0	1 2	3 56	2 4	21 42	0 31	21 10	0 19	3 58	0 41	19 48	0 8	11 10	17 7	16 10	15 47	6 24	9 51	0 51
T 17	23 30	8 54	2 22	18 39	4 40	23 55	1 4	4 12	2 5	21 41	0 31	21 11	0 19	3 59	0 41	19 48	0 8	11 10	17 7	16 10	15 46	6 25	9 51	0 51
W18	23 29	13 2	1 10	18 39	4 39	23 49	1 6	4 28	2 5	21 40	0 31	21 12	0 19	3 59	0 41	19 49	0 8	11 11	17 7	16 10	15 45	6 27	9 52	0 51
T 19	23 27	16 24	0s 6	18 41	4 37	23 42	1 7	4 44	2 5	21 39	0 31	21 12	0 19	3 59	0 41	19 49	0 8	11 11	17 8	16 11	15 44	6 29	9 53	0 51
F 20	23 25	18 47	1 21	18 44	4 33	23 35	1 9	4 59	2 5	21 39	0 31	21 13	0 19	4 0	0 41	19 49	0 8	11 11	17 8	16 10	15 43	6 31	9 53	0 51
S 21	23 22	20 0	2 30	18 49	4 28	23 27	1 11	5 15	2 5	21 38	0 31	21 14	0 19	4 0	0 41	19 50	0 8	11 11	17 9	16 9	15 42	6 33	9 54	0 50
S 22	23 19	20 0	3 30	18 55	4 22	23 18	1 12	5 30	2 5	21 37	0 30	21 15	0 20	4 0	0 41	19 50	0 8	11 12	17 9	16 8	15 41	6 35	9 54	0 50
M23	23 16	18 49	4 16	19 3	4 14	23 8	1 14	5 45	2 6	21 37	0 30	21 16	0 20	4 1	0 41	19 50	0 8	11 12	17 9	16 5	15 40	6 37	9 55	0 50
T 24	23 12	16 38	4 48	19 12	4 6	22 58	1 15	6 1	2 6	21 36	0 30	21 17	0 20	4 1	0 41	19 51	0 8	11 12	17 10	16 3	15 39	6 39	9 55	0 50
W25	23 8	13 39	5 3	19 22	3 56	22 47	1 16	6 16	2 6	21 35	0 30	21 18	0 20	4 1	0 41	19 51	0 8	11 12	17 10	16 0	15 38	6 41	9 56	0 50
T 26	23 3	10 6	5 3	19 33	3 46	22 36	1 18	6 31	2 6	21 35	0 30	21 19	0 20	4 2	0 41	19 51	0 8	11 12	17 10	15 57	15 37	6 43	9 56	0 50
F 27	22 58	6 11	4 49	19 46	3 35	22 23	1 19	6 46	2 6	21 34	0 30	21 19	0 20	4 2	0 41	19 52	0 8	11 13	17 11	15 55	15 36	6 45	9 57	0 50
S 28	22 53	2 6	4 22	19 59	3 24	22 10	1 20	7 0	2 6	21 33	0 29	21 20	0 20	4 2	0 41	19 52	0 8	11 13	17 11	15 53	15 35	6 47	9 57	0 50
S 29	22 47	2s 1	3 43	20 13	3 12	21 57	1 21	7 15	2 6	21 33	0 29	21 21	0 20	4 2	0 41	19 52	0 8	11 13	17 11	15 52	15 34	6 49	9 58	0 50
M30	22n41	6s 1	2s55	20n27	2s59	21n43	1n22	7n30	2s 6	21s32	0n29	21s22	0s20	4n 2	0s41	19s53	0n 8	11s14	17s12	15s51	15s33	6s51	9n58	0n50

Julian Day Number = 2211739.5, Delta T = 09m19s
Ecliptic obliquity = 23°31'21, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°34'56, Lahiri = 14°41'56 Julian Calendar 1 June 1343 == Greg. Calendar 9 June 1343

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ASTRODIENST EPHEMERIS for the year 1343
geocentric

JULY 1343 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	19 5 35	15♋54'47	20♎12	25♊48	0♌30	24♈57	9°R51	25°R51	11♈46	0°R56	11♈33	13°D12	12♏ 9	11♎11	23♈36	T 1
W 2	19 9 31	16°52'00	2♏ 4	26°40	1°44	25°37	9♐46	25♑46	11°47	0♒55	11°34	13♏12	12° 6	11°18	23°37	W 2
T 3	19 13 28	17°49'14	14° 5	27°38	2°57	26°17	9°41	25°42	11°47	0°53	11°34	13°R13	12° 3	11°24	23°38	T 3
F 4	19 17 24	18°46'29	26°19	28°41	4°11	26°56	9°37	25°38	11°47	0°52	11°R34	13°12	12° 0	11°31	23°39	F 4
S 5	19 21 21	19°43'44	8♐50	29°49	5°25	27°35	9°32	25°33	11°48	0°50	11°34	13° 9	11°56	11°38	23°40	S 5
S 6	19 25 18	20°40'59	21°41	1♋ 2	6°38	28°14	9°28	25°29	11°48	0°49	11°34	13° 4	11°53	11°44	23°41	S 6
M 7	19 29 14	21°38'15	4♑55	2°20	7°52	28°53	9°24	25°24	11°48	0°47	11°34	12°56	11°50	11°51	23°42	M 7
T 8	19 33 11	22°35'31	18°30	3°42	9° 5	29°31	9°20	25°20	11°48	0°45	11°33	12°47	11°47	11°58	23°43	T 8
W 9	19 37 7	23°32'48	2♒24	5° 9	10°19	0♉10	9°17	25°16	11°48	0°44	11°33	12°36	11°44	12° 4	23°43	W 9
T 10	19 41 4	24°30'06	16°33	6°40	11°33	0°48	9°13	25°11	11°R48	0°42	11°33	12°25	11°41	12°11	23°44	T 10
F 11	19 45 0	25°27'25	0♓51	8°16	12°46	1°27	9°10	25° 7	11°48	0°41	11°33	12°16	11°37	12°18	23°44	F 11
S 12	19 48 57	26°24'44	15°14	9°55	14° 0	2° 5	9° 7	25° 2	11°48	0°39	11°33	12° 9	11°34	12°24	23°45	S 12
S 13	19 52 53	27°22'05	29°35	11°39	15°13	2°42	9° 4	24°58	11°48	0°37	11°33	12° 4	11°31	12°31	23°45	S 13
M14	19 56 50	28°19'27	13♈52	13°26	16°27	3°20	9° 1	24°53	11°48	0°36	11°33	12° 1	11°28	12°38	23°46	M14
T 15	20 0 47	29°16'50	28° 2	15°16	17°40	3°58	8°58	24°49	11°47	0°34	11°32	12°D 1	11°25	12°44	23°46	T 15
W16	20 4 43	0♌14'14	12♉ 3	17° 9	18°54	4°35	8°56	24°44	11°47	0°32	11°32	12°R 1	11°21	12°51	23°46	W16
T 17	20 8 40	1°11'40	25°56	19° 4	20° 7	5°12	8°53	24°40	11°47	0°31	11°32	12° 0	11°18	12°58	23°47	T 17
F 18	20 12 36	2° 9'06	9♊40	21° 2	21°21	5°49	8°51	24°36	11°47	0°29	11°32	11°58	11°15	13° 4	23°47	F 18
S 19	20 16 33	3° 6'34	23°14	23° 1	22°35	6°26	8°49	24°31	11°46	0°28	11°31	11°53	11°12	13°11	23°47	S 19
S 20	20 20 29	4° 4'04	6♋39	25° 2	23°48	7° 2	8°47	24°27	11°46	0°26	11°31	11°46	11° 9	13°18	23°47	S 20
M21	20 24 26	5° 1'34	19°52	27° 5	25° 2	7°39	8°46	24°23	11°45	0°24	11°31	11°35	11° 6	13°24	23°R47	M21
T 22	20 28 22	5°59'06	2♌52	29° 8	26°15	8°15	8°45	24°18	11°45	0°23	11°30	11°23	11° 2	13°31	23°47	T 22
W23	20 32 19	6°56'39	15°39	1♍11	27°29	8°51	8°43	24°14	11°44	0°21	11°30	11°10	10°59	13°38	23°47	W23
T 24	20 36 16	7°54'13	28°11	3°15	28°42	9°26	8°42	24°10	11°43	0°19	11°29	10°57	10°56	13°44	23°47	T 24
F 25	20 40 12	8°51'47	10♍29	5°19	29°56	10° 2	8°41	24° 5	11°43	0°18	11°29	10°46	10°53	13°51	23°46	F 25
S 26	20 44 9	9°49'23	22°35	7°22	1♍ 9	10°37	8°41	24° 1	11°42	0°16	11°29	10°37	10°50	13°58	23°46	S 26
S 27	20 48 5	10°47'00	4♎31	9°25	2°23	11°12	8°40	23°57	11°41	0°15	11°28	10°31	10°47	14° 4	23°46	S 27
M28	20 52 2	11°44'38	16°21	11°27	3°36	11°47	8°40	23°53	11°40	0°13	11°28	10°27	10°43	14°11	23°45	M28
T 29	20 55 58	12°42'17	28° 9	13°28	4°50	12°22	8°D40	23°49	11°39	0°11	11°27	10°26	10°40	14°18	23°45	T 29
W30	20 59 55	13°39'57	10♏ 0	15°28	6° 3	12°56	8°40	23°45	11°38	0°10	11°27	10°25	10°37	14°24	23°45	W30
T 31	21 3 51	14♌37'39	22♏ 0	17♌27	7♍17	13♉30	8♐40	23♑41	11♈37	0♒ 8	11♈26	10♏25	10♏34	14♎31	23♈44	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n34	9s46	2s 0	20n42	2s46	21n28	1n23	7n44	2s 6	21s32	0n29	21s23	0s20	4n 2	0s41	19s53	0n 8	11s14	17s12	15s51	15s32	6s53	9n58	0n50
W 2	22 27	13 10	0 59	20 57	2 32	21 13	1 24	7 59	2 6	21 31	0 29	21 24	0 20	4 3	0 41	19 53	0 8	11 14	17 12	15 51	15 31	6 55	9 59	0 50
T 3	22 20	16 3	0n 5	21 12	2 18	20 57	1 25	8 13	2 6	21 31	0 28	21 25	0 21	4 3	0 41	19 54	0 8	11 15	17 13	15 52	15 30	6 57	9 59	0 50
F 4	22 12	18 16	1 9	21 27	2 4	20 40	1 26	8 27	2 6	21 30	0 28	21 26	0 21	4 3	0 41	19 54	0 8	11 15	17 13	15 51	15 29	6 58	9 59	0 50
S 5	22 4	19 40	2 12	21 41	1 50	20 23	1 27	8 41	2 6	21 30	0 28	21 27	0 21	4 3	0 41	19 55	0 8	11 15	17 14	15 50	15 28	7 0	10 0	0 50
S 6	21 55	20 6	3 10	21 55	1 36	20 5	1 27	8 55	2 6	21 29	0 28	21 28	0 21	4 3	0 41	19 55	0 8	11 16	17 14	15 49	15 27	7 2	10 0	0 50
M 7	21 47	19 27	3 59	22 8	1 22	19 47	1 28	9 9	2 6	21 29	0 28	21 28	0 21	4 3	0 41	19 55	0 8	11 16	17 14	15 47	15 26	7 4	10 0	0 50
T 8	21 37	17 41	4 36	22 21	1 8	19 28	1 29	9 23	2 6	21 29	0 27	21 29	0 21	4 3	0 41	19 56	0 8	11 16	17 15	15 44	15 25	7 6	10 1	0 50
W 9	21 28	14 52	4 57	22 32	0 54	19 9	1 29	9 36	2 6	21 28	0 27	21 30	0 21	4 3	0 41	19 56	0 8	11 17	17 15	15 40	15 24	7 8	10 1	0 50
T 10	21 18	11 8	5 1	22 41	0 40	18 49	1 30	9 50	2 6	21 28	0 27	21 31	0 21	4 3	0 41	19 56	0 8	11 17	17 15	15 37	15 23	7 10	10 1	0 50
F 11	21 7	6 44	4 47	22 50	0 26	18 28	1 30	10 3	2 6	21 28	0 27	21 32	0 21	4 3	0 41	19 57	0 8	11 17	17 16	15 34	15 22	7 12	10 1	0 50
S 12	20 57	1 57	4 14	22 56	0 13	18 8	1 30	10 16	2 6	21 27	0 27	21 33	0 21	4 3	0 41	19 57	0 8	11 18	17 16	15 32	15 21	7 14	10 1	0 50
S 13	20 46	2n58	3 25	23 0	0 1	17 46	1 31	10 29	2 6	21 27	0 26	21 34	0 21	4 3	0 41	19 57	0 8	11 18	17 16	15 30	15 20	7 16	10 1	0 50
M14	20 34	7 41	2 23	23 2	0n12	17 24	1 31	10 42	2 5	21 27	0 26	21 35	0 22	4 3	0 41	19 58	0 8	11 18	17 17	15 30	15 19	7 18	10 2	0 50
T 15	20 22	11 57	1 13	23 2	0 23	17 2	1 31	10 55	2 5	21 27	0 26	21 36	0 22	4 3	0 41	19 58	0 8	11 19	17 17	15 30	15 18	7 20	10 2	0 50
W16	20 10	15 30	0s 0	22 59	0 34	16 39	1 31	11 8	2 5	21 26	0 26	21 37	0 22	4 2	0 41	19 58	0 8	11 19	17 17	15 30	15 17	7 21	10 2	0 50
T 17	19 58	18 7	1 13	22 54	0 44	16 16	1 31	11 20	2 5	21 26	0 26	21 37	0 22	4 2	0 41	19 59	0 8	11 20	17 18	15 29	15 16	7 23	10 2	0 50
F 18	19 45	19 39	2 21	22 46	0 54	15 52	1 31	11 33	2 5	21 26	0 25	21 38	0 22	4 2	0 41	19 59	0 8	11 20	17 18	15 29	15 15	7 25	10 2	0 50
S 19	19 32	20 2	3 20	22 35	1 3	15 28	1 31	11 45	2 4	21 26	0 25	21 39	0 22	4 2	0 41	20 0	0 8	11 21	17 18	15 27	15 14	7 27	10 2	0 50
S 20	19 18	19 15	4 7	22 21	1 11	15 3	1 30	11 57	2 4	21 26	0 25	21 40	0 22	4 2	0 42	20 0	0 8	11 21	17 19	15 25	15 13	7 29	10 2	0 50
M21	19 5	17 26	4 39	22 5	1 18	14 38	1 30	12 9	2 4	21 26	0 25	21 41	0 22	4 2	0 42	20 0	0 8	11 21	17 19	15 22	15 12	7 31	10 2	0 50
T 22	18 50	14 46	4 57	21 47	1 24	14 13	1 30	12 21	2 4	21 26	0 25	21 42	0 22	4 1	0 42	20 1	0 8	11 22	17 19	15 18	15 12	7 33	10 2	0 50
W23	18 36	11 26	4 59	21 25	1 30	13 47	1 29	12 33	2 3	21 26	0 25	21 43	0 22	4 1	0 42	20 1	0 8	11 22	17 20	15 14	15 11	7 35	10 2	0 50
T 24	18 21	7 39	4 47	21 2	1 34	13 21	1 29	12 45	2 3	21 26	0 24	21 43	0 22	4 1	0 42	20 1	0 8	11 23	17 20	15 10	15 10	7 37	10 2	0 50
F 25	18 6	3 37	4 22	20 36	1 38	12 55	1 28	12 56	2 3	21 26	0 24	21 44	0 22	4 0	0 42	20 2	0 8	11 23	17 20	15 6	15 9	7 38	10 2	0 50
S 26	17 51	0s29	3 44	20 8	1 41	12 28	1 27	13 7	2 2	21 26	0 24	21 45	0 23	4 0	0 42	20 2	0 8	11 24	17 21	15 4	15 8	7 40	10 1	0 50
S 27	17 35	4 31	2 58	19 37	1 44	12 1	1 27	13 18	2 2	21 26	0 24	21 46	0 23	4 0	0 42	20 2	0 8	11 24	17 21	15 2	15 7	7 42	10 1	0 49
M28	17 19	8 21	2 4	19 6	1 45	11 33	1 26	13 29	2 2	21 26	0 24	21 47	0 23	3 59	0 42	20 3	0 8	11 25	17 21	15 0	15 6	7 44	10 1	0 49
T 29	17 3	11 52	1 5	18 32	1 46	11 5	1 25	13 40	2 1	21 26	0 23	21 47	0 23	3 59	0 42	20 3	0 8	11 25	17 22	15 0	15 5	7 46	10 1	0 49
W30	16 47	14 54	0 2	17 57	1 46	10 37	1 24	13 51	2 1	21 27	0 23	21 48	0 23	3 59	0 42	20 3	0 8	11 26	17 22	15 0	15 4	7 48	10 1	0 49
T 31	16n30	17s21	1n 1	17n20	1n46	10n 9	1n23	14n 2	2s 1	21s27	0n23	21s49	0s23	3n58	0s42	20s 4	0n 8	11s26	17s22	15s 0	15s 3	7s50	10n 0	0n49

Julian Day Number = 2211769.5, Delta T = 09m18s
Ecliptic obliquity = 23°31'21, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°35'00, Lahiri = 14°42'01 Julian Calendar 1 July 1343 == Greg. Calendar 9 July 1343

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ASTRODIENST EPHEMERIS for the year 1343
geocentric

AUGUST 1343 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	21 7 48	15♌35'21	4♐14	19♌25	8♍30	14♉ 4	8♐41	23°R37	11°R36	0°R 7	11°R26	10°R24	10♏31	14♎38	23°R43	F 1
S 2	21 11 45	16°33'05	16°46	21°22	9°43	14°37	8°42	23♑33	11♈35	0♒ 5	11♈25	10♏21	10°27	14°44	23♈43	S 2
S 3	21 15 41	17°30'49	29°43	23°17	10°57	15°11	8°42	23°29	11°34	0° 4	11°24	10°16	10°24	14°51	23°42	S 3
M 4	21 19 38	18°28'35	13♑ 5	25°11	12°10	15°44	8°44	23°25	11°33	0° 2	11°24	10° 8	10°21	14°58	23°41	M 4
T 5	21 23 34	19°26'23	26°53	27° 4	13°24	16°16	8°45	23°22	11°32	0° 1	11°23	9°59	10°18	15° 4	23°40	T 5
W 6	21 27 31	20°24'11	11♒ 5	28°56	14°37	16°49	8°46	23°18	11°31	29♑59	11°23	9°47	10°15	15°11	23°40	W 6
T 7	21 31 27	21°22'01	25°37	0♍46	15°50	17°21	8°48	23°14	11°29	29°58	11°22	9°36	10°12	15°18	23°39	T 7
F 8	21 35 24	22°19'53	10♓20	2°34	17° 4	17°53	8°50	23°11	11°28	29°56	11°21	9°26	10° 8	15°24	23°38	F 8
S 9	21 39 20	23°17'46	25° 8	4°22	18°17	18°25	8°52	23° 7	11°27	29°55	11°20	9°18	10° 5	15°31	23°37	S 9
S 10	21 43 17	24°15'40	9♈51	6° 8	19°30	18°56	8°54	23° 4	11°25	29°53	11°20	9°13	10° 2	15°37	23°36	S 10
M11	21 47 14	25°13'37	24°25	7°53	20°43	19°27	8°56	23° 0	11°24	29°52	11°19	9°11	9°59	15°44	23°34	M11
T 12	21 51 10	26°11'36	8♉45	9°36	21°57	19°58	8°58	22°57	11°22	29°50	11°18	9°D10	9°56	15°51	23°33	T 12
W13	21 55 7	27° 9'36	22°49	11°18	23°10	20°28	9° 1	22°53	11°21	29°49	11°17	9°R10	9°53	15°57	23°32	W13
T 14	21 59 3	28° 7'39	6♊36	12°59	24°23	20°58	9° 4	22°50	11°19	29°48	11°17	9°10	9°49	16° 4	23°31	T 14
F 15	22 3 0	29° 5'44	20° 9	14°39	25°36	21°28	9° 7	22°47	11°18	29°46	11°16	9° 8	9°46	16°11	23°29	F 15
S 16	22 6 56	0♍ 3'50	3♋27	16°17	26°50	21°57	9°10	22°44	11°16	29°45	11°15	9° 4	9°43	16°17	23°28	S 16
S 17	22 10 53	1° 1'59	16°31	17°54	28° 3	22°26	9°14	22°41	11°15	29°43	11°14	8°57	9°40	16°24	23°27	S 17
M18	22 14 49	2° 0'09	29°24	19°30	29°16	22°55	9°17	22°38	11°13	29°42	11°13	8°48	9°37	16°31	23°25	M18
T 19	22 18 46	2°58'22	12♌ 4	21° 5	0♎29	23°23	9°21	22°35	11°11	29°41	11°13	8°37	9°33	16°37	23°23	T 19
W20	22 22 43	3°56'36	24°34	22°39	1°42	23°51	9°25	22°32	11° 9	29°40	11°12	8°25	9°30	16°44	23°22	W20
T 21	22 26 39	4°54'52	6♍52	24°11	2°56	24°19	9°29	22°30	11° 8	29°38	11°11	8°14	9°27	16°51	23°20	T 21
F 22	22 30 36	5°53'10	19° 0	25°42	4° 9	24°46	9°33	22°27	11° 6	29°37	11°10	8° 4	9°24	16°57	23°19	F 22
S 23	22 34 32	6°51'29	0♎59	27°12	5°22	25°13	9°38	22°25	11° 4	29°36	11° 9	7°56	9°21	17° 4	23°17	S 23
S 24	22 38 29	7°49'50	12°50	28°41	6°35	25°39	9°42	22°22	11° 2	29°35	11° 8	7°50	9°18	17°11	23°15	S 24
M25	22 42 25	8°48'13	24°37	0♏ 9	7°48	26° 5	9°47	22°20	11° 0	29°33	11° 7	7°47	9°14	17°17	23°13	M25
T 26	22 46 22	9°46'38	6♏24	1°35	9° 1	26°30	9°52	22°17	10°58	29°32	11° 6	7°D46	9°11	17°24	23°11	T 26
W27	22 50 18	10°45'04	18°14	3° 0	10°14	26°55	9°57	22°15	10°56	29°31	11° 5	7°46	9° 8	17°31	23° 9	W27
T 28	22 54 15	11°43'33	0♐12	4°24	11°27	27°20	10° 2	22°13	10°54	29°30	11° 4	7°47	9° 5	17°37	23° 8	T 28
F 29	22 58 11	12°42'02	12°23	5°47	12°40	27°44	10° 8	22°11	10°52	29°29	11° 3	7°R48	9° 2	17°44	23° 6	F 29
S 30	23 2 8	13°40'34	24°54	7° 8	13°53	28° 8	10°13	22° 9	10°50	29°28	11° 2	7°47	8°58	17°51	23° 3	S 30
S 31	23 6 5	14♍39'07	7♑47	8♎28	15♎ 6	28♉31	10♐19	22♑ 7	10♈48	29♑27	11♈ 1	7♏44	8♏55	17♎57	23♈ 1	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	16n13	19s 3	2n 3	16n42	1n45	9n41	1n22	14n12	2s 0	21s27	0n23	21s50	0s23	3n58	0s42	20s 4	0n 8	11s27	17s23	15s 0	15s 2	7s51	10n 0	0n49
S 2	15 56	19 53	3 0	16 3	1 43	9 12	1 21	14 22	2 0	21 27	0 23	21 50	0 23	3 57	0 42	20 5	0 8	11 27	17 23	14 59	15 1	7 53	10 0	0 49
S 3	15 38	19 42	3 50	15 23	1 41	8 43	1 20	14 33	1 59	21 28	0 22	21 51	0 23	3 57	0 42	20 5	0 8	11 28	17 23	14 57	15 0	7 55	10 0	0 49
M 4	15 21	18 25	4 29	14 42	1 38	8 13	1 18	14 43	1 59	21 28	0 22	21 52	0 23	3 56	0 42	20 5	0 8	11 28	17 24	14 55	14 59	7 57	9 59	0 49
T 5	15 3	16 3	4 54	14 1	1 35	7 44	1 17	14 53	1 58	21 28	0 22	21 53	0 23	3 56	0 42	20 6	0 8	11 29	17 24	14 51	14 58	7 59	9 59	0 49
W 6	14 44	12 40	5 1	13 18	1 31	7 14	1 16	15 2	1 58	21 29	0 22	21 53	0 23	3 56	0 42	20 6	0 8	11 29	17 24	14 48	14 57	8 1	9 59	0 49
T 7	14 26	8 29	4 50	12 36	1 27	6 44	1 14	15 12	1 57	21 29	0 22	21 54	0 23	3 55	0 42	20 6	0 8	11 30	17 24	14 44	14 56	8 3	9 58	0 49
F 8	14 7	3 43	4 19	11 52	1 22	6 14	1 12	15 21	1 57	21 30	0 21	21 55	0 23	3 54	0 42	20 7	0 8	11 30	17 25	14 41	14 55	8 4	9 58	0 49
S 9	13 48	1n17	3 31	11 9	1 17	5 44	1 11	15 31	1 56	21 30	0 21	21 55	0 24	3 54	0 42	20 7	0 8	11 31	17 25	14 39	14 54	8 6	9 57	0 49
S 10	13 29	6 12	2 29	10 25	1 12	5 14	1 9	15 40	1 55	21 31	0 21	21 56	0 24	3 53	0 42	20 7	0 8	11 31	17 25	14 37	14 53	8 8	9 57	0 49
M11	13 9	10 42	1 17	9 40	1 7	4 43	1 7	15 49	1 55	21 31	0 21	21 57	0 24	3 53	0 42	20 8	0 8	11 32	17 25	14 36	14 52	8 10	9 57	0 49
T 12	12 50	14 30	0 2	8 56	1 1	4 13	1 6	15 58	1 54	21 32	0 21	21 57	0 24	3 52	0 42	20 8	0 8	11 32	17 26	14 36	14 51	8 12	9 56	0 49
W13	12 30	17 23	1s12	8 12	0 55	3 42	1 4	16 6	1 53	21 32	0 21	21 58	0 24	3 52	0 42	20 8	0 8	11 33	17 26	14 36	14 50	8 14	9 56	0 49
T 14	12 10	19 11	2 20	7 27	0 48	3 11	1 2	16 15	1 53	21 33	0 20	21 58	0 24	3 51	0 42	20 8	0 8	11 33	17 26	14 36	14 49	8 15	9 55	0 49
F 15	11 50	19 50	3 20	6 42	0 42	2 40	1 0	16 23	1 52	21 34	0 20	21 59	0 24	3 50	0 42	20 9	0 8	11 34	17 27	14 35	14 48	8 17	9 55	0 49
S 16	11 29	19 22	4 7	5 58	0 35	2 9	0 58	16 32	1 51	21 34	0 20	22 0	0 24	3 50	0 42	20 9	0 8	11 34	17 27	14 34	14 47	8 19	9 54	0 49
S 17	11 9	17 52	4 40	5 13	0 28	1 38	0 56	16 40	1 51	21 35	0 20	22 0	0 24	3 49	0 42	20 9	0 8	11 35	17 27	14 32	14 45	8 21	9 53	0 49
M18	10 48	15 28	4 59	4 29	0 21	1 7	0 53	16 48	1 50	21 36	0 20	22 1	0 24	3 48	0 42	20 10	0 8	11 35	17 27	14 29	14 44	8 23	9 53	0 49
T 19	10 27	12 23	5 2	3 45	0 13	0 35	0 51	16 55	1 49	21 37	0 19	22 1	0 24	3 48	0 42	20 10	0 8	11 36	17 27	14 26	14 43	8 25	9 52	0 49
W20	10 6	8 48	4 51	3 1	0 6	0 4	0 49	17 3	1 48	21 37	0 19	22 2	0 24	3 47	0 42	20 10	0 8	11 36	17 28	14 22	14 42	8 26	9 52	0 49
T 21	9 45	4 54	4 27	2 17	0s 2	0s27	0 47	17 11	1 47	21 38	0 19	22 2	0 24	3 46	0 42	20 10	0 8	11 37	17 28	14 18	14 41	8 28	9 51	0 49
F 22	9 23	0 51	3 50	1 34	0 9	0 59	0 44	17 18	1 47	21 39	0 19	22 3	0 24	3 45	0 42	20 11	0 8	11 38	17 28	14 15	14 40	8 30	9 50	0 49
S 23	9 1	3s12	3 4	0 51	0 17	1 30	0 42	17 25	1 46	21 40	0 19	22 3	0 24	3 45	0 42	20 11	0 7	11 38	17 28	14 12	14 39	8 32	9 50	0 49
S 24	8 40	7 4	2 9	0 8	0 25	2 1	0 39	17 33	1 45	21 41	0 19	22 4	0 24	3 44	0 42	20 11	0 7	11 39	17 29	14 10	14 38	8 34	9 49	0 48
M25	8 18	10 39	1 10	0s34	0 33	2 33	0 37	17 39	1 44	21 41	0 18	22 4	0 24	3 43	0 42	20 12	0 7	11 39	17 29	14 9	14 37	8 35	9 48	0 48
T 26	7 56	13 49	0 7	1 16	0 41	3 4	0 34	17 46	1 43	21 42	0 18	22 5	0 25	3 42	0 42	20 12	0 7	11 40	17 29	14 9	14 36	8 37	9 47	0 48
W27	7 34	16 25	0n56	1 57	0 49	3 35	0 32	17 53	1 42	21 43	0 18	22 5	0 25	3 42	0 42	20 12	0 7	11 40	17 29	14 9	14 35	8 39	9 47	0 48
T 28	7 11	18 21	1 58	2 38	0 57	4 6	0 29	18 0	1 41	21 44	0 18	22 5	0 25	3 41	0 42	20 12	0 7	11 41	17 29	14 9	14 34	8 41	9 46	0 48
F 29	6 49	19 28	2 55	3 18	1 5	4 37	0 26	18 6	1 40	21 45	0 18	22 6	0 25	3 40	0 42	20 13	0 7	11 41	17 29	14 9	14 33	8 43	9 45	0 48
S 30	6 26	19 40	3 46	3 58	1 13	5 8	0 23	18 12	1 39	21 46	0 18	22 6	0 25	3 39	0 42	20 13	0 7	11 42	17 30	14 9	14 32	8 45	9 44	0 48
S 31	6n 4	18s51	4n27	4s37	1s22	5s39	0n21	18n19	1s38	21s47	0n17	22s 6	0s25	3n38	0s42	20s13	0n 7	11s42	17s30	14s 8	14s31	8s46	9n43	0n48

Julian Day Number = 2211800.5, Delta T = 09m18s
Ecliptic obliquity = 23°31'21, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°35'04, Lahiri = 14°42'05 Julian Calendar 1 Aug. 1343 == Greg. Calendar 9 Aug. 1343

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ASTRODIENST EPHEMERIS for the year 1343
geocentric

SEPTEMBER 1343 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	23 10 1	15♍37'42	21♉ 8	9♎46	16♎19	28♉54	10♐25	22°R 6	10°R46	29°R26	11°R 0	7°R40	8♏52	18♎ 4	22°R59	M 1
T 2	23 13 58	16°36'18	4♒58	11° 3	17°32	29°16	10°31	22♉ 4	10♈44	29♉25	10♈59	7♏33	8°49	18°11	22♈57	T 2
W 3	23 17 54	17°34'57	19°16	12°19	18°45	29°38	10°37	22° 2	10°41	29°24	10°58	7°26	8°46	18°17	22°55	W 3
T 4	23 21 51	18°33'37	3♓58	13°33	19°57	29°59	10°44	22° 1	10°39	29°23	10°57	7°18	8°43	18°24	22°53	T 4
F 5	23 25 47	19°32'19	18°57	14°45	21°10	0♊20	10°50	21°59	10°37	29°22	10°56	7°11	8°39	18°31	22°50	F 5
S 6	23 29 44	20°31'03	4♈ 3	15°56	22°23	0°40	10°57	21°58	10°35	29°21	10°55	7° 6	8°36	18°37	22°48	S 6
S 7	23 33 40	21°29'49	19° 8	17° 4	23°36	1° 0	11° 4	21°57	10°32	29°20	10°54	7° 2	8°33	18°44	22°46	S 7
M 8	23 37 37	22°28'37	4♉ 3	18°11	24°48	1°19	11°11	21°56	10°30	29°20	10°53	7°D 1	8°30	18°50	22°43	M 8
T 9	23 41 34	23°27'27	18°40	19°15	26° 1	1°38	11°18	21°55	10°28	29°19	10°52	7° 2	8°27	18°57	22°41	T 9
W10	23 45 30	24°26'20	2♊56	20°18	27°14	1°55	11°25	21°54	10°26	29°18	10°51	7° 3	8°24	19° 4	22°39	W10
T 11	23 49 27	25°25'16	16°50	21°18	28°27	2°13	11°32	21°53	10°23	29°17	10°50	7° 4	8°20	19°10	22°36	T 11
F 12	23 53 23	26°24'13	0♋22	22°15	29°39	2°30	11°40	21°52	10°21	29°17	10°48	7°R 4	8°17	19°17	22°34	F 12
S 13	23 57 20	27°23'13	13°33	23° 9	0♏52	2°46	11°48	21°52	10°19	29°16	10°47	7° 3	8°14	19°24	22°31	S 13
S 14	0 1 16	28°22'15	26°27	24° 0	2° 4	3° 1	11°55	21°51	10°16	29°15	10°46	7° 0	8°11	19°30	22°29	S 14
M15	0 5 13	29°21'20	9♌ 6	24°48	3°17	3°16	12° 3	21°51	10°14	29°15	10°45	6°55	8° 8	19°37	22°26	M15
T 16	0 9 9	0♎20'27	21°31	25°33	4°30	3°30	12°11	21°50	10°11	29°14	10°44	6°49	8° 4	19°44	22°23	T 16
W17	0 13 6	1°19'36	3♍45	26°13	5°42	3°44	12°20	21°50	10° 9	29°13	10°43	6°43	8° 1	19°50	22°21	W17
T 18	0 17 3	2°18'47	15°50	26°49	6°55	3°57	12°28	21°50	10° 7	29°13	10°42	6°36	7°58	19°57	22°18	T 18
F 19	0 20 59	3°18'00	27°48	27°20	8° 7	4° 9	12°36	21°D50	10° 4	29°12	10°40	6°31	7°55	20° 4	22°15	F 19
S 20	0 24 56	4°17'16	9♎40	27°46	9°19	4°20	12°45	21°50	10° 2	29°12	10°39	6°26	7°52	20°10	22°13	S 20
S 21	0 28 52	5°16'33	21°29	28° 6	10°32	4°31	12°54	21°50	9°59	29°12	10°38	6°24	7°49	20°17	22°10	S 21
M22	0 32 49	6°15'53	3♏15	28°21	11°44	4°41	13° 2	21°51	9°57	29°11	10°37	6°D22	7°45	20°24	22° 7	M22
T 23	0 36 45	7°15'15	15° 2	28°29	12°57	4°50	13°11	21°51	9°54	29°11	10°36	6°23	7°42	20°30	22° 4	T 23
W24	0 40 42	8°14'38	26°54	28°R29	14° 9	4°58	13°21	21°51	9°52	29°10	10°35	6°24	7°39	20°37	22° 2	W24
T 25	0 44 38	9°14'04	8♐54	28°22	15°21	5° 6	13°30	21°52	9°50	29°10	10°34	6°26	7°36	20°44	21°59	T 25
F 26	0 48 35	10°13'31	21° 5	28° 8	16°33	5°13	13°39	21°53	9°47	29°10	10°32	6°27	7°33	20°50	21°56	F 26
S 27	0 52 31	11°13'00	3♑34	27°45	17°46	5°19	13°49	21°53	9°45	29°10	10°31	6°29	7°29	20°57	21°53	S 27
S 28	0 56 28	12°12'31	16°23	27°13	18°58	5°24	13°58	21°54	9°42	29° 9	10°30	6°R29	7°26	21° 4	21°50	S 28
M29	1 0 25	13°12'04	29°37	26°33	20°10	5°29	14° 8	21°55	9°40	29° 9	10°29	6°28	7°23	21°10	21°48	M29
T 30	1 4 21	14♎11'38	13♒19	25♎45	21♏22	5♊32	14♐18	21♉56	9♈37	29♉ 9	10♈28	6♏26	7♏20	21♎17	21♈45	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊		☊		⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl		decl		decl		decl	lat
M 1	5n41	17s 0	4n55	5s15	1s30	6s10	0n18	18n25	1s37	21s48	0n17	22s 7	0s25	3n37	0s42	20s13	0n 7	11s43	17s30	14s 7	14s30	8s48	9n43	0n48			
T 2	5 18	14 7	5 7	5 53	1 38	6 40	0 15	18 30	1 36	21 49	0 17	22 7	0 25	3 37	0 42	20 13	0 7	11 43	17 30	14 5	14 29	8 50	9 42	0 48			
W 3	4 55	10 19	5 1	6 30	1 45	7 11	0 12	18 36	1 34	21 50	0 17	22 7	0 25	3 36	0 42	20 14	0 7	11 44	17 30	14 2	14 28	8 52	9 41	0 48			
T 4	4 32	5 49	4 35	7 6	1 53	7 41	0 9	18 42	1 33	21 51	0 17	22 8	0 25	3 35	0 42	20 14	0 7	11 45	17 30	14 0	14 27	8 53	9 40	0 48			
F 5	4 9	0 52	3 50	7 41	2 1	8 12	0 6	18 47	1 32	21 52	0 17	22 8	0 25	3 34	0 42	20 14	0 7	11 45	17 31	13 58	14 26	8 55	9 39	0 48			
S 6	3 46	4n12	2 49	8 16	2 9	8 42	0 3	18 53	1 31	21 54	0 16	22 8	0 25	3 33	0 42	20 14	0 7	11 46	17 31	13 56	14 25	8 57	9 38	0 48			
S 7	3 23	8 59	1 35	8 49	2 16	9 12	0 0	18 58	1 30	21 55	0 16	22 8	0 25	3 32	0 42	20 14	0 7	11 46	17 31	13 55	14 24	8 59	9 37	0 48			
M 8	3 0	13 10	0 16	9 22	2 23	9 41	0s 3	19 3	1 28	21 56	0 16	22 9	0 25	3 31	0 43	20 15	0 7	11 47	17 31	13 54	14 23	9 1	9 36	0 48			
T 9	2 36	16 26	1s 3	9 53	2 31	10 11	0 6	19 8	1 27	21 57	0 16	22 9	0 25	3 30	0 43	20 15	0 7	11 47	17 31	13 54	14 22	9 2	9 35	0 48			
W10	2 13	18 36	2 16	10 23	2 38	10 40	0 9	19 13	1 26	21 58	0 16	22 9	0 25	3 29	0 43	20 15	0 7	11 48	17 31	13 55	14 21	9 4	9 34	0 48			
T 11	1 50	19 34	3 19	10 52	2 44	11 9	0 12	19 18	1 24	21 59	0 16	22 9	0 25	3 29	0 43	20 15	0 7	11 48	17 31	13 55	14 20	9 6	9 34	0 48			
F 12	1 26	19 22	4 10	11 20	2 51	11 38	0 15	19 23	1 23	22 0	0 16	22 9	0 25	3 28	0 43	20 15	0 7	11 49	17 31	13 55	14 19	9 8	9 33	0 47			
S 13	1 3	18 6	4 45	11 46	2 57	12 6	0 19	19 27	1 21	22 2	0 15	22 10	0 25	3 27	0 43	20 16	0 7	11 49	17 31	13 55	14 18	9 9	9 32	0 47			
S 14	0 39	15 56	5 6	12 10	3 2	12 35	0 22	19 32	1 20	22 3	0 15	22 10	0 25	3 26	0 43	20 16	0 7	11 50	17 32	13 54	14 17	9 11	9 31	0 47			
M15	0 15	13 3	5 11	12 33	3 8	13 3	0 25	19 36	1 18	22 4	0 15	22 10	0 25	3 25	0 43	20 16	0 7	11 50	17 32	13 52	14 16	9 13	9 30	0 47			
T 16	0s 8	9 38	5 1	12 53	3 12	13 30	0 28	19 40	1 17	22 5	0 15	22 10	0 26	3 24	0 43	20 16	0 7	11 51	17 32	13 50	14 15	9 15	9 28	0 47			
W17	0 32	5 51	4 37	13 12	3 17	13 58	0 31	19 45	1 15	22 6	0 15	22 10	0 26	3 23	0 43	20 16	0 7	11 51	17 32	13 48	14 14	9 16	9 27	0 47			
T 18	0 55	1 53	4 2	13 29	3 20	14 25	0 35	19 49	1 13	22 8	0 15	22 10	0 26	3 22	0 43	20 16	0 7	11 52	17 32	13 46	14 13	9 18	9 26	0 47			
F 19	1 19	2s 7	3 16	13 43	3 23	14 52	0 38	19 52	1 12	22 9	0 14	22 10	0 26	3 21	0 43	20 16	0 7	11 52	17 32	13 44	14 12	9 20	9 25	0 47			
S 20	1 43	6 0	2 21	13 55	3 26	15 18	0 41	19 56	1 10	22 10	0 14	22 10	0 26	3 20	0 43	20 16	0 7	11 53	17 32	13 43	14 11	9 22	9 24	0 47			
S 21	2 6	9 39	1 21	14 4	3 27	15 44	0 44	20 0	1 8	22 11	0 14	22 10	0 26	3 19	0 43	20 17	0 7	11 53	17 32	13 42	14 10	9 23	9 23	0 47			
M22	2 30	12 55	0 17	14 9	3 28	16 10	0 48	20 3	1 6	22 13	0 14	22 10	0 26	3 18	0 43	20 17	0 7	11 54	17 32	13 41	14 9	9 25	9 22	0 47			
T 23	2 53	15 39	0n48	14 12	3 27	16 35	0 51	20 7	1 5	22 14	0 14	22 10	0 26	3 17	0 43	20 17	0 7	11 54	17 32	13 42	14 8	9 27	9 21	0 47			
W24	3 17	17 44	1 51	14 10	3 26	17 0	0 54	20 10	1 3	22 15	0 14	22 10	0 26	3 16	0 43	20 17	0 7	11 55	17 32	13 42	14 7	9 29	9 20	0 47			
T 25	3 40	19 4	2 50	14 5	3 23	17 24	0 57	20 14	1 1	22 16	0 14	22 10	0 26	3 15	0 43	20 17	0 7	11 55	17 32	13 43	14 6	9 30	9 19	0 47			
F 26	4 4	19 32	3 42	13 56	3 18	17 49	1 0	20 17	0 59	22 18	0 13	22 10	0 26	3 14	0 43	20 17	0 7	11 55	17 32	13 43	14 5	9 32	9 18	0 47			
S 27	4 27	19 3	4 25	13 42	3 12	18 12	1 4	20 20	0 57	22 19	0 13	22 10	0 26	3 13	0 43	20 17	0 7	11 56	17 32	13 43	14 4	9 34	9 17	0 47			
S 28	4 50	17 36	4 57	13 23	3 5	18 35	1 7	20 23	0 55	22 20	0 13	22 10	0 26	3 12	0 43	20 17	0 7	11 56	17 32	13 44	14 2	9 36	9 15	0 46			
M29	5 14	15 12	5 13	13 0	2 55	18 58	1 10	20 26	0 53	22 22	0 13	22 10	0 26	3 11	0 42	20 17	0 7	11 57	17 32	13 43	14 1	9 37	9 14	0 46			
T 30	5s37	11s52	5n13	12s32	2s44	19s20	1s13	20n28	0s51	22s23	0n13	22s 9	0s26	3n10	0s42	20s17	0n 7	11s57	17s32	13s43	14s 0	9s39	9n13	0n46			

Julian Day Number = 2211831.5, Delta T = 09m18s
Ecliptic obliquity = 23°31'22, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°35'09, Lahiri = 14°42'09 Julian Calendar 1 Sept. 1343 == Greg. Calendar 9 Sept. 1343

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ASTRODIENST EPHEMERIS for the year 1343
geocentric

OCTOBER 1343 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	1 8 18	15♎11'14	27♒28	24°R49	22♏34	5♊35	14♐27	21♑58	9°R35	29°R 9	10°R27	6°R23	7♏17	21♎23	21°R42	W 1
T 2	1 12 14	16°10'52	12♓ 4	23♎46	23°46	5°37	14°37	21°59	9♈33	29♑ 9	10♈25	6♏20	7°14	21°30	21♈39	T 2
F 3	1 16 11	17°10'32	27° 2	22°38	24°58	5°38	14°48	22° 0	9°30	29° 9	10°24	6°18	7°10	21°37	21°36	F 3
S 4	1 20 7	18°10'13	12♈13	21°25	26°10	5°R38	14°58	22° 2	9°28	29°D 9	10°23	6°16	7° 7	21°43	21°33	S 4
S 5	1 24 4	19° 9'57	27°28	20°10	27°22	5°38	15° 8	22° 3	9°25	29° 9	10°22	6°15	7° 4	21°50	21°30	S 5
M 6	1 28 0	20° 9'43	12♉37	18°55	28°34	5°36	15°18	22° 5	9°23	29° 9	10°21	6°D15	7° 1	21°57	21°27	M 6
T 7	1 31 57	21° 9'31	27°31	17°42	29°46	5°34	15°29	22° 7	9°21	29° 9	10°20	6°16	6°58	22° 3	21°24	T 7
W 8	1 35 54	22° 9'21	12♊ 3	16°33	0♗57	5°31	15°40	22° 9	9°18	29° 9	10°19	6°17	6°55	22°10	21°22	W 8
T 9	1 39 50	23° 9'13	26°10	15°31	2° 9	5°27	15°50	22°11	9°16	29° 9	10°18	6°18	6°51	22°17	21°19	T 9
F 10	1 43 47	24° 9'08	9♋51	14°37	3°21	5°22	16° 1	22°13	9°14	29°10	10°16	6°19	6°48	22°23	21°16	F 10
S 11	1 47 43	25° 9'05	23° 7	13°53	4°32	5°16	16°12	22°15	9°11	29°10	10°15	6°R19	6°45	22°30	21°13	S 11
S 12	1 51 40	26° 9'04	5♌59	13°20	5°44	5° 9	16°23	22°17	9° 9	29°10	10°14	6°19	6°42	22°37	21°10	S 12
M13	1 55 36	27° 9'05	18°32	12°58	6°55	5° 1	16°34	22°19	9° 7	29°10	10°13	6°18	6°39	22°43	21° 7	M13
T 14	1 59 33	28° 9'09	0♍49	12°D48	8° 7	4°52	16°45	22°22	9° 4	29°11	10°12	6°17	6°35	22°50	21° 4	T 14
W15	2 3 29	29° 9'14	12°54	12°49	9°18	4°43	16°57	22°24	9° 2	29°11	10°11	6°16	6°32	22°57	21° 1	W15
T 16	2 7 26	0♏ 9'22	24°50	13° 1	10°30	4°32	17° 8	22°27	9° 0	29°11	10°10	6°15	6°29	23° 3	20°59	T 16
F 17	2 11 23	1° 9'32	6♎41	13°23	11°41	4°21	17°19	22°30	8°58	29°12	10° 9	6°14	6°26	23°10	20°56	F 17
S 18	2 15 19	2° 9'43	18°29	13°55	12°52	4° 9	17°31	22°33	8°55	29°12	10° 8	6°14	6°23	23°17	20°53	S 18
S 19	2 19 16	3° 9'57	0♏16	14°36	14° 3	3°56	17°42	22°36	8°53	29°13	10° 7	6°14	6°20	23°23	20°50	S 19
M20	2 23 12	4°10'12	12° 5	15°24	15°15	3°42	17°54	22°39	8°51	29°13	10° 6	6°D14	6°16	23°30	20°47	M20
T 21	2 27 9	5°10'29	23°58	16°20	16°26	3°28	18° 6	22°42	8°49	29°14	10° 5	6°14	6°13	23°36	20°44	T 21
W22	2 31 5	6°10'48	5♐57	17°21	17°37	3°13	18°18	22°45	8°47	29°15	10° 4	6°R14	6°10	23°43	20°42	W22
T 23	2 35 2	7°11'09	18° 5	18°28	18°48	2°56	18°30	22°48	8°45	29°15	10° 2	6°14	6° 7	23°50	20°39	T 23
F 24	2 38 58	8°11'31	0♑23	19°40	19°58	2°40	18°42	22°51	8°43	29°16	10° 1	6°14	6° 4	23°56	20°36	F 24
S 25	2 42 55	9°11'55	12°56	20°55	21° 9	2°22	18°54	22°55	8°41	29°17	10° 0	6°13	6° 1	24° 3	20°33	S 25
S 26	2 46 52	10°12'20	25°45	22°14	22°20	2° 4	19° 6	22°58	8°39	29°17	10° 0	6°13	5°57	24°10	20°31	S 26
M27	2 50 48	11°12'46	8♒54	23°36	23°31	1°45	19°18	23° 2	8°37	29°18	9°59	6°D13	5°54	24°16	20°28	M27
T 28	2 54 45	12°13'14	22°26	25° 0	24°41	1°26	19°30	23° 6	8°35	29°19	9°58	6°13	5°51	24°23	20°25	T 28
W29	2 58 41	13°13'43	6♓21	26°26	25°52	1° 6	19°43	23°10	8°33	29°20	9°57	6°13	5°48	24°30	20°23	W29
T 30	3 2 38	14°14'14	20°41	27°53	27° 2	0°46	19°55	23°13	8°31	29°21	9°56	6°14	5°45	24°36	20°20	T 30
F 31	3 6 34	15♏14'45	5♈21	29♎22	28♐12	0♊25	20♐ 8	23♑17	8♈29	29♑21	9♈55	6♏15	5♏41	24♎43	20♈18	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	6s 0	7s47	4n55	11s59	2s31	19s42	1s16	20n31	0s49	22s24	0n13	22s 9	0s26	3n10	0s42	20s17	0n 7	11s58	17s32	13s42	13s59	9s41	9n12	0n46
T 2	6 23	3 6	4 17	11 22	2 16	20 3	1 19	20 33	0 46	22 25	0 13	22 9	0 26	3 9	0 42	20 17	0 7	11 58	17 32	13 41	13 58	9 42	9 11	0 46
F 3	6 46	1n53	3 20	10 41	2 0	20 24	1 22	20 36	0 44	22 27	0 13	22 9	0 26	3 8	0 42	20 17	0 7	11 58	17 32	13 40	13 57	9 44	9 10	0 46
S 4	7 9	6 49	2 9	9 57	1 41	20 45	1 25	20 38	0 42	22 28	0 12	22 9	0 26	3 7	0 42	20 17	0 7	11 59	17 32	13 39	13 56	9 46	9 8	0 46
S 5	7 32	11 22	0 49	9 10	1 22	21 4	1 28	20 40	0 39	22 29	0 12	22 8	0 26	3 6	0 42	20 17	0 7	11 59	17 32	13 39	13 55	9 48	9 7	0 46
M 6	7 54	15 7	0s35	8 23	1 2	21 24	1 31	20 42	0 37	22 31	0 12	22 8	0 26	3 5	0 42	20 17	0 7	11 59	17 32	13 39	13 54	9 49	9 6	0 46
T 7	8 17	17 48	1 55	7 36	0 41	21 42	1 34	20 44	0 35	22 32	0 12	22 8	0 26	3 4	0 42	20 17	0 7	12 0	17 32	13 39	13 53	9 51	9 5	0 46
W 8	8 39	19 15	3 6	6 51	0 21	22 0	1 37	20 46	0 32	22 33	0 12	22 8	0 26	3 3	0 42	20 17	0 7	12 0	17 31	13 40	13 52	9 53	9 4	0 46
T 9	9 2	19 25	4 3	6 8	0 0	22 18	1 40	20 48	0 30	22 34	0 12	22 7	0 26	3 2	0 42	20 17	0 7	12 1	17 31	13 40	13 51	9 54	9 3	0 46
F 10	9 24	18 26	4 44	5 29	0n19	22 35	1 43	20 49	0 27	22 36	0 12	22 7	0 26	3 1	0 42	20 17	0 7	12 1	17 31	13 40	13 50	9 56	9 2	0 46
S 11	9 46	16 27	5 9	4 55	0 38	22 51	1 46	20 51	0 25	22 37	0 11	22 7	0 26	3 0	0 42	20 17	0 7	12 1	17 31	13 40	13 49	9 58	9 0	0 45
S 12	10 8	13 43	5 18	4 26	0 55	23 7	1 48	20 52	0 22	22 38	0 11	22 6	0 26	2 59	0 42	20 17	0 7	12 2	17 31	13 40	13 48	9 59	8 59	0 45
M13	10 30	10 24	5 10	4 4	1 10	23 22	1 51	20 53	0 19	22 39	0 11	22 6	0 27	2 58	0 42	20 17	0 7	12 2	17 31	13 40	13 47	10 1	8 58	0 45
T 14	10 51	6 43	4 49	3 47	1 24	23 36	1 54	20 55	0 17	22 41	0 11	22 6	0 27	2 58	0 42	20 17	0 7	12 2	17 31	13 40	13 46	10 3	8 57	0 45
W15	11 13	2 49	4 15	3 36	1 36	23 50	1 56	20 56	0 14	22 42	0 11	22 5	0 27	2 57	0 42	20 17	0 7	12 3	17 31	13 39	13 45	10 5	8 56	0 45
T 16	11 34	1s10	3 31	3 32	1 46	24 3	1 59	20 56	0 11	22 43	0 11	22 5	0 27	2 56	0 42	20 17	0 7	12 3	17 31	13 39	13 44	10 6	8 55	0 45
F 17	11 55	5 4	2 37	3 33	1 54	24 16	2 1	20 57	0 8	22 44	0 11	22 5	0 27	2 55	0 42	20 17	0 7	12 3	17 30	13 39	13 43	10 8	8 53	0 45
S 18	12 16	8 46	1 37	3 39	2 1	24 28	2 3	20 58	0 6	22 45	0 11	22 4	0 27	2 54	0 42	20 17	0 7	12 3	17 30	13 39	13 42	10 10	8 52	0 45
S 19	12 37	12 7	0 33	3 50	2 7	24 39	2 6	20 58	0 3	22 47	0 10	22 4	0 27	2 53	0 42	20 17	0 7	12 4	17 30	13 39	13 41	10 11	8 51	0 45
M20	12 57	15 0	0n33	4 5	2 10	24 49	2 8	20 58	0n 0	22 48	0 10	22 3	0 27	2 52	0 42	20 17	0 7	12 4	17 30	13 39	13 39	10 13	8 50	0 45
T 21	13 18	17 16	1 37	4 24	2 13	24 59	2 10	20 58	0 3	22 49	0 10	22 3	0 27	2 52	0 42	20 16	0 7	12 4	17 30	13 39	13 38	10 15	8 49	0 45
W22	13 38	18 47	2 38	4 46	2 14	25 8	2 12	20 58	0 6	22 50	0 10	22 2	0 27	2 51	0 42	20 16	0 7	12 4	17 30	13 39	13 37	10 16	8 48	0 44
T 23	13 58	19 27	3 33	5 11	2 15	25 17	2 14	20 58	0 9	22 51	0 10	22 2	0 27	2 50	0 42	20 16	0 7	12 5	17 30	13 39	13 36	10 18	8 47	0 44
F 24	14 17	19 13	4 18	5 39	2 14	25 25	2 16	20 58	0 12	22 52	0 10	22 1	0 27	2 49	0 42	20 16	0 7	12 5	17 29	13 39	13 35	10 20	8 45	0 44
S 25	14 37	18 3	4 52	6 9	2 13	25 32	2 18	20 57	0 15	22 54	0 10	22 1	0 27	2 49	0 42	20 16	0 7	12 5	17 29	13 39	13 34	10 21	8 44	0 44
S 26	14 56	15 57	5 13	6 40	2 10	25 38	2 20	20 57	0 18	22 55	0 10	22 0	0 27	2 48	0 42	20 16	0 7	12 5	17 29	13 38	13 33	10 23	8 43	0 44
M27	15 15	12 59	5 18	7 13	2 7	25 43	2 22	20 56	0 21	22 56	0 10	22 0	0 27	2 47	0 42	20 16	0 7	12 5	17 29	13 38	13 32	10 25	8 42	0 44
T 28	15 33	9 16	5 5	7 48	2 4	25 48	2 23	20 55	0 24	22 57	0 9	21 59	0 27	2 46	0 42	20 16	0 6	12 6	17 29	13 38	13 31	10 26	8 41	0 44
W29	15 52	4 57	4 35	8 23	1 59	25 52	2 25	20 54	0 27	22 58	0 9	21 58	0 27	2 46	0 42	20 15	0 6	12 6	17 28	13 39	13 30	10 28	8 40	0 44
T 30	16 10	0 13	3 47	8 58	1 55	25 56	2 27	20 52	0 30	22 59	0 9	21 58	0 27	2 45	0 42	20 15	0 6	12 6	17 28	13 39	13 29	10 30	8 39	0 44
F 31	16s28	4n38	2n44	9s35	1n50	25s59	2s28	20n51	0n33	23s 0	0n 9	21s57	0s27	2n44	0s42	20s15	0n 6	12s 6	17s28	13s39	13s28	10s31	8n38	0n44

Julian Day Number = 2211861.5, Delta T = 09m18s
Ecliptic obliquity = 23°31'21, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°35'13, Lahiri = 14°42'13 Julian Calendar 1 Oct. 1343 == Greg. Calendar 9 Oct. 1343

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ASTRODIENST EPHEMERIS for the year 1343
geocentric

NOVEMBER 1343 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	3 10 31	16♏15'18	20♈18	0♏53	29♐23	0°R 4	20♐20	23♑21	8°R28	29♑22	9°R54	6♏16	5♏38	24♎50	20°R15	S 1
S 2	3 14 27	17°15'53	5♉25	2°24	0♑33	29♉42	20°33	23°26	8♈26	29°23	9♈53	6°R16	5°35	24°56	20♈13	S 2
M 3	3 18 24	18°16'29	20°32	3°56	1°43	29°20	20°45	23°30	8°24	29°24	9°52	6°16	5°32	25° 3	20°10	M 3
T 4	3 22 20	19°17'06	5♊31	5°28	2°53	28°58	20°58	23°34	8°22	29°25	9°51	6°15	5°29	25°10	20° 8	T 4
W 5	3 26 17	20°17'46	20°13	7° 1	4° 2	28°36	21°11	23°38	8°21	29°26	9°50	6°13	5°26	25°16	20° 5	W 5
T 6	3 30 14	21°18'26	4♋32	8°34	5°12	28°13	21°24	23°43	8°19	29°27	9°50	6°11	5°22	25°23	20° 3	T 6
F 7	3 34 10	22°19'09	18°24	10° 8	6°22	27°50	21°37	23°47	8°18	29°29	9°49	6° 9	5°19	25°29	20° 0	F 7
S 8	3 38 7	23°19'52	1♌49	11°42	7°31	27°28	21°49	23°52	8°16	29°30	9°48	6° 7	5°16	25°36	19°58	S 8
S 9	3 42 3	24°20'38	14°47	13°16	8°40	27° 5	22° 2	23°57	8°15	29°31	9°47	6° 6	5°13	25°43	19°56	S 9
M10	3 46 0	25°21'25	27°22	14°50	9°50	26°42	22°15	24° 1	8°13	29°32	9°46	6°D 6	5°10	25°49	19°54	M10
T 11	3 49 56	26°22'14	9♍38	16°24	10°59	26°19	22°29	24° 6	8°12	29°33	9°46	6° 6	5° 6	25°56	19°51	T 11
W12	3 53 53	27°23'04	21°40	17°58	12° 8	25°56	22°42	24°11	8°10	29°35	9°45	6° 8	5° 3	26° 3	19°49	W12
T 13	3 57 50	28°23'55	3♎32	19°32	13°17	25°34	22°55	24°16	8° 9	29°36	9°44	6° 9	5° 0	26° 9	19°47	T 13
F 14	4 1 46	29°24'48	15°19	21° 6	14°25	25°12	23° 8	24°21	8° 8	29°37	9°44	6°11	4°57	26°16	19°45	F 14
S 15	4 5 43	0♐25'42	27° 6	22°40	15°34	24°50	23°21	24°26	8° 7	29°39	9°43	6°12	4°54	26°23	19°43	S 15
S 16	4 9 39	1°26'38	8♏55	24°14	16°42	24°28	23°35	24°31	8° 5	29°40	9°42	6°R13	4°51	26°29	19°41	S 16
M17	4 13 36	2°27'35	20°50	25°48	17°51	24° 7	23°48	24°36	8° 4	29°41	9°42	6°12	4°47	26°36	19°39	M17
T 18	4 17 32	3°28'33	2♐52	27°22	18°59	23°46	24° 1	24°42	8° 3	29°43	9°41	6° 9	4°44	26°43	19°37	T 18
W19	4 21 29	4°29'32	15° 4	28°56	20° 7	23°25	24°15	24°47	8° 2	29°44	9°40	6° 6	4°41	26°49	19°35	W19
T 20	4 25 25	5°30'32	27°26	0♐31	21°15	23° 5	24°28	24°52	8° 1	29°46	9°40	6° 1	4°38	26°56	19°34	T 20
F 21	4 29 22	6°31'33	10♑ 0	2° 5	22°22	22°46	24°42	24°58	8° 0	29°47	9°39	5°55	4°35	27° 3	19°32	F 21
S 22	4 33 19	7°32'34	22°47	3°39	23°30	22°27	24°55	25° 3	7°59	29°49	9°39	5°50	4°32	27° 9	19°30	S 22
S 23	4 37 15	8°33'37	5♒47	5°13	24°37	22° 9	25° 9	25° 9	7°58	29°50	9°38	5°45	4°28	27°16	19°28	S 23
M24	4 41 12	9°34'39	19° 1	6°47	25°44	21°51	25°22	25°15	7°58	29°52	9°38	5°42	4°25	27°22	19°27	M24
T 25	4 45 8	10°35'43	2♓30	8°21	26°51	21°34	25°36	25°20	7°57	29°54	9°37	5°40	4°22	27°29	19°25	T 25
W26	4 49 5	11°36'47	16°16	9°55	27°58	21°18	25°50	25°26	7°56	29°55	9°37	5°D40	4°19	27°36	19°24	W26
T 27	4 53 1	12°37'51	0♈19	11°30	29° 4	21° 2	26° 3	25°32	7°55	29°57	9°36	5°41	4°16	27°42	19°22	T 27
F 28	4 56 58	13°38'55	14°38	13° 4	0♒10	20°48	26°17	25°38	7°55	29°59	9°36	5°42	4°12	27°49	19°21	F 28
S 29	5 0 54	14°40'00	29°11	14°39	1°16	20°34	26°31	25°44	7°54	0♒ 0	9°35	5°R43	4° 9	27°56	19°19	S 29
S 30	5 4 51	15♐41'06	13♉54	16♐13	2♒22	20♉20	26♐45	25♑50	7♈54	0♒ 2	9♈35	5♏43	4♏ 6	28♎ 2	19♈18	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	16s45	9n19	1n28	10s11	1n44	26s 0	2s29	20n50	0n36	23s 1	0n 9	21s56	0s27	2n43	0s42	20s15	0n 6	12s 6	17s28	13s39	13s27	10s33	8n37	0n44
S 2	17 3	13 27	0 5	10 48	1 39	26 2	2 30	20 48	0 39	23 2	0 9	21 56	0 27	2 43	0 42	20 15	0 6	12 6	17 27	13 39	13 26	10 34	8 36	0 43
M 3	17 20	16 41	1s18	11 25	1 33	26 2	2 32	20 46	0 42	23 3	0 9	21 55	0 27	2 42	0 42	20 14	0 6	12 6	17 27	13 39	13 25	10 36	8 35	0 43
T 4	17 37	18 45	2 35	12 2	1 27	26 2	2 33	20 44	0 45	23 4	0 9	21 54	0 27	2 42	0 42	20 14	0 6	12 7	17 27	13 39	13 24	10 38	8 34	0 43
W 5	17 53	19 30	3 41	12 38	1 20	26 1	2 33	20 42	0 48	23 5	0 9	21 54	0 27	2 41	0 42	20 14	0 6	12 7	17 27	13 38	13 23	10 39	8 33	0 43
T 6	18 9	18 57	4 30	13 15	1 14	25 59	2 34	20 40	0 51	23 6	0 8	21 53	0 27	2 40	0 42	20 14	0 6	12 7	17 26	13 38	13 22	10 41	8 32	0 43
F 7	18 25	17 16	5 2	13 51	1 7	25 57	2 35	20 38	0 54	23 7	0 8	21 52	0 27	2 40	0 42	20 14	0 6	12 7	17 26	13 37	13 20	10 43	8 31	0 43
S 8	18 40	14 41	5 16	14 26	1 0	25 54	2 36	20 35	0 57	23 8	0 8	21 51	0 27	2 39	0 42	20 13	0 6	12 7	17 26	13 36	13 19	10 44	8 30	0 43
S 9	18 55	11 28	5 13	15 1	0 54	25 50	2 36	20 33	1 0	23 9	0 8	21 51	0 27	2 39	0 42	20 13	0 6	12 7	17 26	13 36	13 18	10 46	8 29	0 43
M10	19 10	7 48	4 55	15 36	0 47	25 45	2 36	20 30	1 3	23 10	0 8	21 50	0 28	2 38	0 42	20 13	0 6	12 7	17 25	13 36	13 17	10 47	8 28	0 43
T 11	19 25	3 54	4 24	16 10	0 40	25 40	2 37	20 27	1 5	23 11	0 8	21 49	0 28	2 37	0 42	20 13	0 6	12 7	17 25	13 36	13 16	10 49	8 27	0 42
W12	19 39	0s 5	3 42	16 43	0 33	25 34	2 37	20 25	1 8	23 11	0 8	21 48	0 28	2 37	0 42	20 12	0 6	12 7	17 25	13 37	13 15	10 51	8 26	0 42
T 13	19 52	4 1	2 51	17 16	0 26	25 28	2 37	20 22	1 11	23 12	0 8	21 47	0 28	2 36	0 42	20 12	0 6	12 7	17 25	13 37	13 14	10 52	8 25	0 42
F 14	20 6	7 47	1 53	17 47	0 19	25 20	2 37	20 19	1 13	23 13	0 8	21 47	0 28	2 36	0 41	20 12	0 6	12 7	17 24	13 38	13 13	10 54	8 24	0 42
S 15	20 19	11 15	0 50	18 19	0 12	25 12	2 37	20 16	1 16	23 14	0 7	21 46	0 28	2 36	0 41	20 12	0 6	12 7	17 24	13 38	13 12	10 56	8 23	0 42
S 16	20 31	14 17	0n15	18 49	0 5	25 3	2 36	20 13	1 18	23 15	0 7	21 45	0 28	2 35	0 41	20 11	0 6	12 7	17 24	13 38	13 11	10 57	8 22	0 42
M17	20 43	16 45	1 20	19 18	0s 2	24 54	2 36	20 10	1 21	23 15	0 7	21 44	0 28	2 35	0 41	20 11	0 6	12 7	17 23	13 38	13 10	10 59	8 22	0 42
T 18	20 55	18 30	2 21	19 47	0 8	24 44	2 35	20 7	1 23	23 16	0 7	21 43	0 28	2 34	0 41	20 11	0 6	12 7	17 23	13 37	13 9	11 0	8 21	0 42
W19	21 7	19 25	3 17	20 14	0 15	24 33	2 34	20 4	1 26	23 17	0 7	21 42	0 28	2 34	0 41	20 11	0 6	12 7	17 23	13 36	13 8	11 2	8 20	0 42
T 20	21 18	19 25	4 5	20 41	0 22	24 22	2 34	20 2	1 28	23 17	0 7	21 41	0 28	2 34	0 41	20 10	0 6	12 7	17 23	13 34	13 7	11 4	8 19	0 42
F 21	21 28	18 28	4 41	21 7	0 28	24 10	2 33	19 59	1 30	23 18	0 7	21 40	0 28	2 33	0 41	20 10	0 6	12 7	17 22	13 32	13 5	11 5	8 18	0 41
S 22	21 39	16 35	5 4	21 31	0 35	23 57	2 31	19 56	1 32	23 19	0 7	21 39	0 28	2 33	0 41	20 10	0 6	12 7	17 22	13 31	13 4	11 7	8 18	0 41
S 23	21 48	13 51	5 12	21 55	0 41	23 44	2 30	19 53	1 34	23 19	0 7	21 38	0 28	2 33	0 41	20 9	0 6	12 7	17 22	13 29	13 3	11 8	8 17	0 41
M24	21 58	10 21	5 4	22 17	0 47	23 30	2 29	19 50	1 36	23 20	0 7	21 37	0 28	2 32	0 41	20 9	0 6	12 7	17 21	13 28	13 2	11 10	8 16	0 41
T 25	22 7	6 17	4 39	22 39	0 53	23 16	2 27	19 48	1 38	23 21	0 6	21 36	0 28	2 32	0 41	20 9	0 6	12 6	17 21	13 27	13 1	11 11	8 15	0 41
W26	22 15	1 47	3 58	22 59	0 59	23 1	2 26	19 45	1 40	23 21	0 6	21 35	0 28	2 32	0 41	20 8	0 6	12 6	17 21	13 27	13 0	11 13	8 15	0 41
T 27	22 23	2n54	3 1	23 18	1 5	22 46	2 24	19 43	1 42	23 22	0 6	21 34	0 28	2 32	0 41	20 8	0 6	12 6	17 20	13 28	12 59	11 15	8 14	0 41
F 28	22 31	7 31	1 53	23 37	1 10	22 30	2 22	19 41	1 44	23 22	0 6	21 33	0 28	2 31	0 41	20 8	0 6	12 6	17 20	13 28	12 58	11 16	8 13	0 41
S 29	22 38	11 47	0 36	23 53	1 16	22 13	2 20	19 39	1 45	23 23	0 6	21 32	0 28	2 31	0 41	20 7	0 6	12 6	17 20	13 29	12 57	11 18	8 13	0 41
S 30	22s45	15n22	0s44	24s 9	1s21	21s56	2s17	19n37	1n47	23s23	0n 6	21s31	0s28	2n31	0s41	20s 7	0n 6	12s 6	17s19	13s28	12s56	11s19	8n12	0n40

Julian Day Number = 2211892.5, Delta T = 09m18s
Ecliptic obliquity = 23°31'21, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°35'17, Lahiri = 14°42'17 Julian Calendar 1 Nov. 1343 == Greg. Calendar 9 Nov. 1343

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ASTRODIENST EPHEMERIS for the year 1343
geocentric

DECEMBER 1343 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	5 8 48	16♐42'12	28♉42	17♐48	3♒28	20°R 8	26♐58	25♑56	7°R53	0♒ 4	9°R35	5°R41	4♏ 3	28♎ 9	19°R17	M 1
T 2	5 12 44	17°43'18	13♊28	19°23	4°33	19♉56	27°12	26° 2	7♈53	0° 6	9♈34	5♏37	4° 0	28°16	19♈16	T 2
W 3	5 16 41	18°44'25	28° 4	20°58	5°38	19°45	27°26	26° 8	7°53	0° 7	9°34	5°31	3°57	28°22	19°15	W 3
T 4	5 20 37	19°45'33	12♋22	22°34	6°42	19°35	27°40	26°14	7°52	0° 9	9°34	5°24	3°53	28°29	19°13	T 4
F 5	5 24 34	20°46'41	26°17	24° 9	7°47	19°26	27°53	26°21	7°52	0°11	9°33	5°16	3°50	28°36	19°12	F 5
S 6	5 28 30	21°47'50	9♌47	25°45	8°51	19°17	28° 7	26°27	7°52	0°13	9°33	5° 9	3°47	28°42	19°11	S 6
S 7	5 32 27	22°48'59	22°51	27°21	9°55	19°10	28°21	26°33	7°52	0°15	9°33	5° 3	3°44	28°49	19°10	S 7
M 8	5 36 23	23°50'09	5♍31	28°57	10°58	19° 3	28°35	26°39	7°51	0°17	9°33	4°59	3°41	28°56	19°10	M 8
T 9	5 40 20	24°51'19	17°50	0♏34	12° 1	18°57	28°49	26°46	7°51	0°19	9°33	4°57	3°38	29° 2	19° 9	T 9
W10	5 44 17	25°52'30	29°53	2°10	13° 4	18°52	29° 3	26°52	7°D51	0°21	9°32	4°D57	3°34	29° 9	19° 8	W10
T 11	5 48 13	26°53'41	11♎45	3°47	14° 7	18°47	29°17	26°59	7°51	0°23	9°32	4°58	3°31	29°15	19° 7	T 11
F 12	5 52 10	27°54'53	23°33	5°24	15° 9	18°44	29°31	27° 5	7°52	0°25	9°32	4°59	3°28	29°22	19° 7	F 12
S 13	5 56 6	28°56'05	5♏20	7° 2	16°11	18°41	29°44	27°12	7°52	0°27	9°32	5°R 0	3°25	29°29	19° 6	S 13
S 14	6 0 3	29°57'17	17°11	8°39	17°12	18°39	29°58	27°19	7°52	0°29	9°32	4°59	3°22	29°35	19° 6	S 14
M15	6 3 59	0♑58'30	29°12	10°17	18°13	18°38	0♑12	27°25	7°52	0°31	9°32	4°55	3°18	29°42	19° 5	M15
T 16	6 7 56	1°59'43	11♐24	11°55	19°14	18°D38	0°26	27°32	7°52	0°33	9°D32	4°50	3°15	29°49	19° 5	T 16
W17	6 11 52	3° 0'56	23°50	13°33	20°14	18°38	0°40	27°39	7°53	0°35	9°32	4°41	3°12	29°55	19° 4	W17
T 18	6 15 49	4° 2'09	6♑31	15°10	21°13	18°39	0°54	27°45	7°53	0°37	9°32	4°31	3° 9	0♏ 2	19° 4	T 18
F 19	6 19 46	5° 3'22	19°26	16°48	22°13	18°41	1° 8	27°52	7°54	0°39	9°32	4°20	3° 6	0° 9	19° 4	F 19
S 20	6 23 42	6° 4'35	2♒35	18°26	23°11	18°44	1°22	27°59	7°54	0°41	9°32	4° 8	3° 3	0°15	19° 4	S 20
S 21	6 27 39	7° 5'47	15°56	20° 3	24°10	18°47	1°36	28° 6	7°55	0°43	9°32	3°58	2°59	0°22	19° 4	S 21
M22	6 31 35	8° 6'59	29°28	21°40	25° 7	18°52	1°50	28°13	7°55	0°45	9°32	3°50	2°56	0°29	19°D 4	M22
T 23	6 35 32	9° 8'11	13♓ 9	23°17	26° 5	18°57	2° 4	28°19	7°56	0°47	9°32	3°45	2°53	0°35	19° 4	T 23
W24	6 39 28	10° 9'22	26°58	24°52	27° 1	19° 2	2°17	28°26	7°57	0°50	9°33	3°42	2°50	0°42	19° 4	W24
T 25	6 43 25	11°10'32	10♈56	26°27	27°57	19° 8	2°31	28°33	7°58	0°52	9°33	3°D41	2°47	0°48	19° 4	T 25
F 26	6 47 21	12°11'41	25° 1	28° 1	28°53	19°16	2°45	28°40	7°58	0°54	9°33	3°41	2°44	0°55	19° 4	F 26
S 27	6 51 18	13°12'50	9♉13	29°33	29°47	19°23	2°59	28°47	7°59	0°56	9°33	3°R41	2°40	1° 2	19° 4	S 27
S 28	6 55 15	14°13'58	23°30	1♒ 3	0♓42	19°32	3°13	28°54	8° 0	0°58	9°33	3°40	2°37	1° 8	19° 4	S 28
M29	6 59 11	15°15'06	7♊51	2°31	1°35	19°41	3°26	29° 1	8° 1	1° 1	9°34	3°36	2°34	1°15	19° 5	M29
T 30	7 3 8	16°16'13	22°10	3°56	2°28	19°50	3°40	29° 8	8° 2	1° 3	9°34	3°29	2°31	1°22	19° 5	T 30
W31	7 7 4	17♑17'19	6♋23	5♒18	3♓20	20♉ 0	3♑54	29♑15	8♈ 3	1♒ 5	9♈34	3♏19	2♏28	1♏28	19♈ 6	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	22s51	17n58	2s 2	24s23	1s26	21s38	2s15	19n35	1n48	23s23	0n 6	21s30	0s28	2n31	0s41	20s 7	0n 6	12s 6	17s19	13s28	12s55	11s21	8n12	0n40
T 2	22 57	19 21	3 10	24 36	1 31	21 20	2 13	19 33	1 50	23 24	0 6	21 29	0 28	2 31	0 41	20 6	0 6	12 5	17 19	13 26	12 54	11 22	8 11	0 40
W 3	23 3	19 25	4 6	24 48	1 35	21 2	2 10	19 31	1 51	23 24	0 6	21 28	0 28	2 31	0 41	20 6	0 6	12 5	17 18	13 24	12 53	11 24	8 11	0 40
T 4	23 8	18 13	4 44	24 58	1 40	20 42	2 7	19 30	1 53	23 25	0 6	21 27	0 29	2 31	0 41	20 5	0 6	12 5	17 18	13 22	12 52	11 26	8 10	0 40
F 5	23 12	15 58	5 5	25 7	1 44	20 23	2 4	19 28	1 54	23 25	0 5	21 25	0 29	2 30	0 41	20 5	0 6	12 5	17 17	13 19	12 50	11 27	8 9	0 40
S 6	23 16	12 55	5 8	25 15	1 48	20 3	2 1	19 27	1 55	23 25	0 5	21 24	0 29	2 30	0 41	20 5	0 6	12 5	17 17	13 17	12 49	11 29	8 9	0 40
S 7	23 20	9 19	4 54	25 21	1 51	19 43	1 57	19 26	1 56	23 26	0 5	21 23	0 29	2 30	0 41	20 4	0 6	12 4	17 17	13 15	12 48	11 30	8 9	0 40
M 8	23 23	5 23	4 26	25 26	1 55	19 22	1 54	19 25	1 57	23 26	0 5	21 22	0 29	2 30	0 41	20 4	0 6	12 4	17 16	13 14	12 47	11 32	8 8	0 39
T 9	23 25	1 21	3 47	25 29	1 58	19 1	1 50	19 25	1 58	23 26	0 5	21 21	0 29	2 30	0 41	20 3	0 6	12 4	17 16	13 13	12 46	11 33	8 8	0 39
W10	23 27	2s40	2 58	25 30	2 0	18 39	1 46	19 24	1 59	23 26	0 5	21 20	0 29	2 30	0 41	20 3	0 6	12 3	17 16	13 13	12 45	11 35	8 7	0 39
T 11	23 29	6 32	2 2	25 31	2 3	18 17	1 42	19 24	2 0	23 26	0 5	21 18	0 29	2 30	0 40	20 3	0 6	12 3	17 15	13 13	12 44	11 36	8 7	0 39
F 12	23 30	10 7	1 1	25 29	2 5	17 55	1 38	19 24	2 1	23 27	0 5	21 17	0 29	2 31	0 40	20 2	0 6	12 3	17 15	13 14	12 43	11 38	8 7	0 39
S 13	23 31	13 19	0n 2	25 26	2 6	17 32	1 34	19 24	2 2	23 27	0 5	21 16	0 29	2 31	0 40	20 2	0 6	12 3	17 15	13 14	12 42	11 39	8 6	0 39
S 14	23 31	15 59	1 5	25 22	2 7	17 9	1 30	19 24	2 3	23 27	0 5	21 15	0 29	2 31	0 40	20 1	0 6	12 2	17 14	13 14	12 41	11 41	8 6	0 39
M15	23 31	18 0	2 6	25 15	2 8	16 46	1 25	19 25	2 4	23 27	0 4	21 13	0 29	2 31	0 40	20 1	0 6	12 2	17 14	13 12	12 40	11 43	8 6	0 39
T 16	23 30	19 13	3 2	25 7	2 9	16 23	1 20	19 25	2 4	23 27	0 4	21 12	0 29	2 31	0 40	20 1	0 6	12 2	17 13	13 11	12 39	11 44	8 5	0 39
W17	23 29	19 32	3 51	24 58	2 9	15 59	1 15	19 26	2 5	23 27	0 4	21 11	0 29	2 31	0 40	20 0	0 6	12 1	17 13	13 8	12 37	11 46	8 5	0 38
T 18	23 28	18 53	4 29	24 47	2 8	15 35	1 10	19 27	2 6	23 27	0 4	21 10	0 29	2 31	0 40	20 0	0 6	12 1	17 13	13 4	12 36	11 47	8 5	0 38
F 19	23 26	17 16	4 54	24 34	2 7	15 10	1 5	19 28	2 6	23 27	0 4	21 8	0 29	2 32	0 40	19 59	0 6	12 1	17 12	13 0	12 35	11 49	8 5	0 38
S 20	23 23	14 43	5 4	24 19	2 6	14 46	0 59	19 29	2 7	23 27	0 4	21 7	0 29	2 32	0 40	19 59	0 6	12 0	17 12	12 57	12 34	11 50	8 5	0 38
S 21	23 20	11 23	4 57	24 3	2 3	14 21	0 53	19 31	2 7	23 27	0 4	21 6	0 29	2 32	0 40	19 58	0 6	12 0	17 12	12 53	12 33	11 52	8 4	0 38
M22	23 16	7 25	4 34	23 45	2 1	13 56	0 47	19 32	2 8	23 27	0 4	21 4	0 29	2 32	0 40	19 58	0 6	11 59	17 11	12 50	12 32	11 53	8 4	0 38
T 23	23 12	3 1	3 55	23 26	1 57	13 31	0 41	19 34	2 8	23 27	0 4	21 3	0 29	2 33	0 40	19 57	0 6	11 59	17 11	12 48	12 31	11 55	8 4	0 38
W24	23 8	1n35	3 2	23 5	1 53	13 6	0 35	19 36	2 9	23 27	0 4	21 2	0 30	2 33	0 40	19 57	0 6	11 59	17 11	12 48	12 30	11 56	8 4	0 38
T 25	23 3	6 9	1 58	22 43	1 48	12 40	0 29	19 38	2 9	23 26	0 3	21 0	0 30	2 33	0 40	19 57	0 6	11 58	17 10	12 47	12 29	11 58	8 4	0 38
F 26	22 58	10 26	0 46	22 19	1 43	12 15	0 22	19 40	2 9	23 26	0 3	20 59	0 30	2 34	0 40	19 56	0 6	11 58	17 10	12 47	12 28	11 59	8 4	0 37
S 27	22 52	14 9	0s29	21 54	1 37	11 49	0 15	19 43	2 10	23 26	0 3	20 58	0 30	2 34	0 40	19 56	0 6	11 57	17 9	12 47	12 27	12 1	8 4	0 37
S 28	22 46	17 3	1 43	21 27	1 30	11 24	0 8	19 45	2 10	23 26	0 3	20 56	0 30	2 35	0 40	19 55	0 6	11 57	17 9	12 47	12 25	12 2	8 4	0 37
M29	22 39	18 53	2 51	20 59	1 22	10 58	0 1	19 48	2 10	23 26	0 3	20 55	0 30	2 35	0 40	19 55	0 6	11 57	17 9	12 46	12 24	12 4	8 4	0 37
T 30	22 32	19 30	3 47	20 31	1 13	10 32	0n 6	19 51	2 10	23 25	0 3	20 53	0 30	2 35	0 40	19 54	0 6	11 56	17 8	12 43	12 23	12 5	8 4	0 37
W31	22s24	18n53	4s29	20s 2	1s 3	10s 6	0n14	19n54	2n10	23s25	0n 3	20s52	0s30	2n36	0s40	19s54	0n 6	11s56	17s 8	12s40	12s22	12s 7	8n 4	0n37

Julian Day Number = 2211922.5, Delta T = 09m18s
Ecliptic obliquity = 23°31'20, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°35'21, Lahiri = 14°42'22 Julian Calendar 1 Dec. 1343 == Greg. Calendar 9 Dec. 1343

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ASTRODIENST EPHEMERIS for the year 1344
geocentric

JANUARY 1344 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	7 11 1	18♉18'24	20♋25	6♒36	4♓11	20♌11	4♉ 8	29♉22	8♈ 5	1♒ 7	9♈35	3°R 8	2♏24	1♏35	19♈ 6	T 1
F 2	7 14 57	19°19'29	4♌10	7°50	5° 1	20°23	4°21	29°29	8° 6	1° 9	9°35	2♏55	2°21	1°42	19° 7	F 2
S 3	7 18 54	20°20'34	17°34	8°58	5°51	20°35	4°35	29°37	8° 7	1°12	9°35	2°43	2°18	1°48	19° 8	S 3
S 4	7 22 50	21°21'37	0♍36	10° 1	6°40	20°47	4°49	29°44	8° 8	1°14	9°36	2°32	2°15	1°55	19° 8	S 4
M 5	7 26 47	22°22'40	13°16	10°56	7°28	21° 0	5° 2	29°51	8°10	1°16	9°36	2°24	2°12	2° 2	19° 9	M 5
T 6	7 30 44	23°23'43	25°37	11°44	8°14	21°14	5°16	29°58	8°11	1°18	9°37	2°18	2° 9	2° 8	19°10	T 6
W 7	7 34 40	24°24'44	7♎42	12°24	9° 0	21°28	5°30	0♒ 5	8°12	1°21	9°37	2°15	2° 5	2°15	19°11	W 7
T 8	7 38 37	25°25'46	19°36	12°54	9°45	21°43	5°43	0°12	8°14	1°23	9°38	2°14	2° 2	2°22	19°12	T 8
F 9	7 42 33	26°26'46	1♏24	13°13	10°29	21°58	5°57	0°19	8°15	1°25	9°38	2°14	1°59	2°28	19°13	F 9
S 10	7 46 30	27°27'47	13°12	13°R23	11°12	22°14	6°10	0°26	8°17	1°28	9°39	2°14	1°56	2°35	19°14	S 10
S 11	7 50 26	28°28'46	25° 5	13°21	11°54	22°30	6°24	0°34	8°19	1°30	9°39	2°12	1°53	2°41	19°15	S 11
M12	7 54 23	29°29'45	7♐ 9	13° 7	12°34	22°46	6°37	0°41	8°20	1°32	9°40	2° 9	1°50	2°48	19°16	M12
T 13	7 58 19	0♒30'43	19°28	12°43	13°14	23° 3	6°50	0°48	8°22	1°34	9°41	2° 2	1°46	2°55	19°17	T 13
W14	8 2 16	1°31'40	2♑ 4	12° 7	13°52	23°21	7° 4	0°55	8°24	1°37	9°41	1°52	1°43	3° 1	19°19	W14
T 15	8 6 13	2°32'36	15° 0	11°22	14°28	23°39	7°17	1° 2	8°25	1°39	9°42	1°40	1°40	3° 8	19°20	T 15
F 16	8 10 9	3°33'31	28°16	10°27	15° 4	23°57	7°30	1° 9	8°27	1°41	9°42	1°27	1°37	3°15	19°21	F 16
S 17	8 14 6	4°34'25	11♒49	9°26	15°38	24°16	7°43	1°17	8°29	1°44	9°43	1°14	1°34	3°21	19°23	S 17
S 18	8 18 2	5°35'18	25°36	8°18	16°10	24°35	7°57	1°24	8°31	1°46	9°44	1° 1	1°30	3°28	19°24	S 18
M19	8 21 59	6°36'09	9♓34	7° 7	16°41	24°55	8°10	1°31	8°33	1°48	9°45	0°51	1°27	3°35	19°26	M19
T 20	8 25 55	7°36'59	23°38	5°55	17°11	25°15	8°23	1°38	8°35	1°50	9°45	0°44	1°24	3°41	19°28	T 20
W21	8 29 52	8°37'47	7♈45	4°43	17°38	25°35	8°36	1°45	8°37	1°53	9°46	0°41	1°21	3°48	19°29	W21
T 22	8 33 48	9°38'34	21°53	3°33	18° 4	25°56	8°49	1°52	8°39	1°55	9°47	0°39	1°18	3°55	19°31	T 22
F 23	8 37 45	10°39'19	5♉59	2°28	18°28	26°17	9° 2	1°59	8°41	1°57	9°48	0°39	1°15	4° 1	19°33	F 23
S 24	8 41 42	11°40'03	20° 3	1°27	18°51	26°38	9°14	2° 7	8°44	1°59	9°49	0°39	1°11	4° 8	19°35	S 24
S 25	8 45 38	12°40'45	4♊ 4	0°34	19°11	27° 0	9°27	2°14	8°46	2° 2	9°49	0°37	1° 8	4°14	19°37	S 25
M26	8 49 35	13°41'25	18° 2	29♉47	19°29	27°22	9°40	2°21	8°48	2° 4	9°50	0°33	1° 5	4°21	19°38	M26
T 27	8 53 31	14°42'03	1♋55	29° 8	19°46	27°45	9°53	2°28	8°50	2° 6	9°51	0°27	1° 2	4°28	19°40	T 27
W28	8 57 28	15°42'40	15°40	28°37	20° 0	28° 8	10° 5	2°35	8°53	2° 8	9°52	0°17	0°59	4°34	19°42	W28
T 29	9 1 24	16°43'15	29°15	28°14	20°12	28°31	10°18	2°42	8°55	2°11	9°53	0° 6	0°56	4°41	19°45	T 29
F 30	9 5 21	17°43'49	12♌38	27°59	20°22	28°54	10°30	2°49	8°57	2°13	9°54	29♎53	0°52	4°48	19°47	F 30
S 31	9 9 17	18♒44'21	25♌45	27♉51	20♓29	29♌18	10♉43	2♒56	9♈ 0	2♒15	9♈55	29♎41	0♏49	4♏54	19♈49	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22s16	17n 7	4s54	19s32	0s52	9s41	0n22	19n57	2n11	23s25	0n 3	20s51	0s30	2n36	0s40	19s53	0n 6	11s55	17s 8	12s36	12s21	12s 8	8n 4	0n37
F 2	22 7	14 24	5 1	19 2	0 41	9 15	0 29	20 0	2 11	23 24	0 3	20 49	0 30	2 37	0 40	19 53	0 6	11 55	17 7	12 32	12 20	12 10	8 4	0 37
S 3	21 59	11 0	4 51	18 32	0 28	8 49	0 38	20 4	2 11	23 24	0 3	20 48	0 30	2 37	0 40	19 52	0 6	11 54	17 7	12 27	12 19	12 11	8 5	0 37
S 4	21 49	7 9	4 26	18 2	0 14	8 23	0 46	20 7	2 11	23 24	0 2	20 46	0 30	2 38	0 40	19 52	0 6	11 54	17 7	12 24	12 18	12 13	8 5	0 36
M 5	21 39	3 4	3 49	17 33	0n 0	7 58	0 54	20 11	2 11	23 23	0 2	20 45	0 30	2 39	0 40	19 51	0 6	11 53	17 6	12 21	12 17	12 14	8 5	0 36
T 6	21 29	1s 1	3 1	17 5	0 16	7 32	1 3	20 14	2 11	23 23	0 2	20 43	0 30	2 39	0 39	19 51	0 6	11 53	17 6	12 19	12 16	12 15	8 5	0 36
W 7	21 19	5 0	2 6	16 38	0 32	7 6	1 12	20 18	2 11	23 22	0 2	20 42	0 30	2 40	0 39	19 50	0 6	11 52	17 5	12 18	12 14	12 17	8 5	0 36
T 8	21 8	8 43	1 7	16 13	0 49	6 41	1 21	20 22	2 11	23 22	0 2	20 40	0 30	2 40	0 39	19 50	0 6	11 52	17 5	12 18	12 13	12 18	8 6	0 36
F 9	20 56	12 4	0 4	15 51	1 6	6 16	1 30	20 26	2 11	23 21	0 2	20 39	0 31	2 41	0 39	19 49	0 6	11 51	17 5	12 18	12 12	12 20	8 6	0 36
S 10	20 44	14 56	0n58	15 31	1 24	5 51	1 40	20 30	2 11	23 21	0 2	20 37	0 31	2 42	0 39	19 49	0 6	11 51	17 4	12 17	12 11	12 21	8 6	0 36
S 11	20 32	17 12	1 58	15 15	1 42	5 26	1 50	20 34	2 11	23 20	0 2	20 36	0 31	2 42	0 39	19 48	0 6	11 50	17 4	12 17	12 10	12 23	8 7	0 36
M12	20 20	18 43	2 54	15 1	2 0	5 2	1 59	20 38	2 11	23 20	0 2	20 35	0 31	2 43	0 39	19 48	0 5	11 50	17 4	12 16	12 9	12 24	8 7	0 36
T 13	20 7	19 25	3 42	14 52	2 17	4 37	2 9	20 43	2 11	23 19	0 2	20 33	0 31	2 44	0 39	19 47	0 5	11 49	17 3	12 13	12 8	12 26	8 7	0 35
W14	19 53	19 9	4 21	14 46	2 34	4 13	2 20	20 47	2 11	23 18	0 2	20 32	0 31	2 44	0 39	19 47	0 6	11 49	17 3	12 10	12 7	12 27	8 8	0 35
T 15	19 40	17 54	4 48	14 43	2 49	3 49	2 30	20 52	2 11	23 18	0 1	20 30	0 31	2 45	0 39	19 46	0 5	11 48	17 3	12 6	12 6	12 29	8 8	0 35
F 16	19 26	15 41	5 0	14 44	3 3	3 26	2 41	20 56	2 11	23 17	0 1	20 29	0 31	2 46	0 39	19 46	0 5	11 47	17 2	12 1	12 5	12 30	8 9	0 35
S 17	19 11	12 35	4 55	14 49	3 15	3 3	2 52	21 1	2 11	23 17	0 1	20 27	0 31	2 47	0 39	19 45	0 5	11 47	17 2	11 56	12 3	12 31	8 9	0 35
S 18	18 56	8 44	4 34	14 57	3 25	2 40	3 2	21 5	2 10	23 16	0 1	20 25	0 31	2 47	0 39	19 45	0 5	11 46	17 2	11 52	12 2	12 33	8 10	0 35
M19	18 41	4 23	3 55	15 7	3 33	2 18	3 14	21 10	2 10	23 15	0 1	20 24	0 31	2 48	0 39	19 44	0 5	11 46	17 1	11 49	12 1	12 34	8 10	0 35
T 20	18 26	0n15	3 2	15 20	3 39	1 56	3 25	21 15	2 10	23 14	0 1	20 22	0 31	2 49	0 39	19 44	0 5	11 45	17 1	11 46	12 0	12 36	8 11	0 35
W21	18 10	4 54	1 58	15 34	3 41	1 35	3 36	21 19	2 10	23 14	0 1	20 21	0 31	2 50	0 39	19 43	0 5	11 45	17 1	11 45	11 59	12 37	8 11	0 35
T 22	17 54	9 16	0 46	15 50	3 42	1 14	3 48	21 24	2 10	23 13	0 1	20 19	0 31	2 51	0 39	19 43	0 5	11 44	17 0	11 44	11 58	12 39	8 12	0 34
F 23	17 37	13 7	0s28	16 6	3 40	0 54	4 0	21 29	2 10	23 12	0 1	20 18	0 32	2 52	0 39	19 42	0 5	11 43	17 0	11 44	11 57	12 40	8 12	0 34
S 24	17 21	16 12	1 41	16 23	3 36	0 34	4 11	21 34	2 9	23 11	0 1	20 16	0 32	2 53	0 39	19 42	0 5	11 43	17 0	11 44	11 56	12 41	8 13	0 34
S 25	17 4	18 18	2 47	16 40	3 31	0 15	4 23	21 39	2 9	23 11	0 0	20 15	0 32	2 53	0 39	19 41	0 5	11 42	16 59	11 44	11 55	12 43	8 13	0 34
M26	16 46	19 17	3 43	16 57	3 23	0n 3	4 36	21 44	2 9	23 10	0 0	20 13	0 32	2 54	0 39	19 41	0 5	11 42	16 59	11 42	11 53	12 44	8 14	0 34
T 27	16 29	19 5	4 25	17 14	3 15	0 21	4 48	21 49	2 9	23 9	0 0	20 12	0 32	2 55	0 39	19 40	0 5	11 41	16 59	11 40	11 52	12 46	8 15	0 34
W28	16 11	17 46	4 52	17 29	3 5	0 37	5 0	21 54	2 8	23 8	0 0	20 10	0 32	2 56	0 39	19 40	0 5	11 40	16 59	11 37	11 51	12 47	8 15	0 34
T 29	15 53	15 28	5 1	17 44	2 54	0 53	5 12	21 59	2 8	23 7	0 0	20 9	0 32	2 57	0 39	19 39	0 5	11 40	16 58	11 33	11 50	12 49	8 16	0 34
F 30	15 34	12 22	4 54	17 59	2 43	1 8	5 25	22 4	2 8	23 6	0s 0	20 7	0 32	2 58	0 39	19 39	0 5	11 39	16 58	11 28	11 49	12 50	8 17	0 34
S 31	15s16	8n43	4s31	18s12	2n31	1n23	5n37	22n 9	2n 8	23s 5	0s 0	20s 6	0s32	2n59	0s39	19s38	0n 5	11s38	16s58	11s24	11s48	12s51	8n18	0n34

Julian Day Number = 2211953.5, Delta T = 09m18s
Ecliptic obliquity = 23°31'20, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°35'25, Lahiri = 14°42'26 Julian Calendar 1 Jan. 1344 == Greg. Calendar 9 Jan. 1344

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ASTRODIENST EPHEMERIS for the year 1344
geocentric

FEBRUARY 1344 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	9 13 14	19♒44'51	8♍35	27°D50	20♓34	29♉42	10♋55	3♒ 3	9♈ 2	2♒17	9♈56	29°R30	0♏46	5♏ 1	19♈51	S 1
M 2	9 17 11	20°45'20	21° 8	27♋56	20°37	0♊ 6	11° 7	3°10	9° 5	2°19	9°57	29♎22	0°43	5° 8	19°53	M 2
T 3	9 21 7	21°45'47	3♎25	28° 9	20°R37	0°30	11°20	3°17	9° 7	2°22	9°58	29°16	0°40	5°14	19°56	T 3
W 4	9 25 4	22°46'13	15°28	28°28	20°35	0°55	11°32	3°24	9°10	2°24	9°59	29°13	0°36	5°21	19°58	W 4
T 5	9 29 0	23°46'37	27°22	28°52	20°30	1°20	11°44	3°30	9°13	2°26	10° 0	29°D12	0°33	5°28	20° 0	T 5
F 6	9 32 57	24°47'00	9♏10	29°21	20°23	1°45	11°56	3°37	9°15	2°28	10° 1	29°12	0°30	5°34	20° 3	F 6
S 7	9 36 53	25°47'21	20°59	29°55	20°13	2°11	12° 8	3°44	9°18	2°30	10° 2	29°R12	0°27	5°41	20° 5	S 7
S 8	9 40 50	26°47'42	2♐52	0♒34	20° 1	2°36	12°20	3°51	9°21	2°32	10° 3	29°12	0°24	5°47	20° 8	S 8
M 9	9 44 46	27°48'00	14°56	1°16	19°47	3° 2	12°32	3°58	9°23	2°34	10° 4	29°11	0°21	5°54	20°10	M 9
T 10	9 48 43	28°48'17	27°16	2° 3	19°29	3°29	12°43	4° 4	9°26	2°37	10° 5	29° 7	0°17	6° 1	20°13	T 10
W11	9 52 40	29°48'33	9♋56	2°53	19°10	3°55	12°55	4°11	9°29	2°39	10° 6	29° 1	0°14	6° 7	20°16	W11
T 12	9 56 36	0♓48'47	22°59	3°46	18°48	4°22	13° 6	4°18	9°32	2°41	10° 7	28°52	0°11	6°14	20°18	T 12
F 13	10 0 33	1°48'59	6♒26	4°42	18°24	4°49	13°18	4°25	9°35	2°43	10° 9	28°43	0° 8	6°21	20°21	F 13
S 14	10 4 29	2°49'09	20°16	5°42	17°58	5°16	13°29	4°31	9°38	2°45	10°10	28°33	0° 5	6°27	20°24	S 14
S 15	10 8 26	3°49'18	4♓25	6°43	17°29	5°43	13°41	4°38	9°40	2°47	10°11	28°24	0° 1	6°34	20°27	S 15
M16	10 12 22	4°49'25	18°49	7°47	16°59	6°10	13°52	4°44	9°43	2°49	10°12	28°17	29♎58	6°41	20°30	M16
T 17	10 16 19	5°49'30	3♈20	8°54	16°28	6°38	14° 3	4°51	9°46	2°51	10°13	28°12	29°55	6°47	20°33	T 17
W18	10 20 15	6°49'32	17°53	10° 3	15°54	7° 6	14°14	4°57	9°49	2°53	10°14	28° 9	29°52	6°54	20°35	W18
T 19	10 24 12	7°49'33	2♉23	11°14	15°20	7°34	14°25	5° 4	9°52	2°55	10°16	28°D 9	29°49	7° 1	20°38	T 19
F 20	10 28 9	8°49'31	16°44	12°26	14°44	8° 2	14°36	5°10	9°55	2°57	10°17	28°10	29°46	7° 7	20°41	F 20
S 21	10 32 5	9°49'27	0♊55	13°41	14° 7	8°31	14°46	5°16	9°58	2°59	10°18	28°11	29°42	7°14	20°44	S 21
S 22	10 36 2	10°49'21	14°55	14°57	13°30	8°59	14°57	5°23	10° 2	3° 1	10°19	28°R11	29°39	7°21	20°48	S 22
M23	10 39 58	11°49'13	28°43	16°15	12°52	9°28	15° 8	5°29	10° 5	3° 2	10°21	28°10	29°36	7°27	20°51	M23
T 24	10 43 55	12°49'03	12♋18	17°35	12°14	9°57	15°18	5°35	10° 8	3° 4	10°22	28° 6	29°33	7°34	20°54	T 24
W25	10 47 51	13°48'50	25°41	18°56	11°37	10°26	15°28	5°41	10°11	3° 6	10°23	28° 1	29°30	7°40	20°57	W25
T 26	10 51 48	14°48'34	8♌52	20°19	10°59	10°55	15°39	5°47	10°14	3° 8	10°25	27°54	29°27	7°47	21° 0	T 26
F 27	10 55 44	15°48'17	21°50	21°44	10°22	11°25	15°49	5°53	10°17	3°10	10°26	27°46	29°23	7°54	21° 3	F 27
S 28	10 59 41	16°47'58	4♍35	23° 9	9°47	11°54	15°59	6° 0	10°21	3°12	10°27	27°39	29°20	8° 0	21° 7	S 28
S 29	11 3 38	17♓47'36	17♍ 7	24♒37	9♓12	12♊24	16♋ 9	6♒ 5	10♈24	3♒13	10♈28	27♎32	29♎17	8♏ 7	21♈10	S 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14s57	4n45	3s55	18s24	2n19	1n36	5n49	22n14	2n 7	23s 5	0s 0	20s 4	0s32	3n 0	0s39	19s38	0n 5	11s38	16s57	11s20	11s47	12s53	8n18	0n33
M 2	14 37	0 39	3 8	18 35	2 6	1 48	6 1	22 19	2 7	23 4	0 0	20 3	0 32	3 1	0 39	19 37	0 5	11 37	16 57	11 17	11 46	12 54	8 19	0 33
T 3	14 18	3s24	2 13	18 45	1 54	2 0	6 13	22 24	2 7	23 3	0 1	20 1	0 32	3 2	0 39	19 37	0 5	11 37	16 57	11 15	11 45	12 56	8 20	0 33
W 4	13 58	7 14	1 13	18 53	1 41	2 10	6 26	22 29	2 7	23 2	0 1	20 0	0 33	3 3	0 39	19 37	0 5	11 36	16 57	11 14	11 43	12 57	8 21	0 33
T 5	13 38	10 43	0 10	19 0	1 29	2 19	6 37	22 34	2 6	23 1	0 1	19 58	0 33	3 4	0 39	19 36	0 5	11 35	16 56	11 13	11 42	12 58	8 21	0 33
F 6	13 18	13 46	0n53	19 7	1 17	2 27	6 49	22 38	2 6	23 0	0 1	19 56	0 33	3 5	0 38	19 36	0 5	11 35	16 56	11 14	11 41	13 0	8 22	0 33
S 7	12 58	16 14	1 54	19 11	1 4	2 33	7 0	22 43	2 6	22 59	0 1	19 55	0 33	3 7	0 38	19 35	0 5	11 34	16 56	11 14	11 40	13 1	8 23	0 33
S 8	12 37	18 1	2 50	19 15	0 52	2 39	7 11	22 48	2 5	22 58	0 1	19 53	0 33	3 8	0 38	19 35	0 5	11 33	16 56	11 14	11 39	13 2	8 24	0 33
M 9	12 17	19 2	3 40	19 17	0 41	2 43	7 22	22 53	2 5	22 57	0 1	19 52	0 33	3 9	0 38	19 34	0 5	11 33	16 55	11 13	11 38	13 4	8 25	0 33
T 10	11 56	19 10	4 20	19 18	0 29	2 46	7 32	22 58	2 5	22 56	0 1	19 50	0 33	3 10	0 38	19 34	0 5	11 32	16 55	11 12	11 37	13 5	8 26	0 33
W11	11 35	18 21	4 49	19 17	0 18	2 47	7 42	23 3	2 5	22 55	0 1	19 49	0 33	3 11	0 38	19 33	0 5	11 31	16 55	11 10	11 36	13 7	8 27	0 32
T 12	11 13	16 34	5 4	19 15	0 8	2 47	7 52	23 7	2 4	22 54	0 1	19 47	0 33	3 12	0 38	19 33	0 5	11 31	16 55	11 7	11 35	13 8	8 28	0 32
F 13	10 52	13 50	5 3	19 12	0s 3	2 46	8 0	23 12	2 4	22 53	0 2	19 46	0 33	3 13	0 38	19 32	0 5	11 30	16 54	11 3	11 33	13 9	8 29	0 32
S 14	10 30	10 17	4 44	19 7	0 13	2 43	8 9	23 17	2 4	22 52	0 2	19 44	0 33	3 14	0 38	19 32	0 5	11 29	16 54	11 0	11 32	13 11	8 30	0 32
S 15	10 8	6 5	4 8	19 1	0 23	2 39	8 16	23 21	2 3	22 51	0 2	19 43	0 34	3 16	0 38	19 31	0 5	11 29	16 54	10 56	11 31	13 12	8 31	0 32
M16	9 47	1 27	3 15	18 54	0 32	2 34	8 23	23 26	2 3	22 50	0 2	19 41	0 34	3 17	0 38	19 31	0 5	11 28	16 54	10 54	11 30	13 13	8 32	0 32
T 17	9 24	3n19	2 9	18 45	0 41	2 27	8 29	23 30	2 3	22 49	0 2	19 40	0 34	3 18	0 38	19 30	0 5	11 27	16 53	10 52	11 29	13 15	8 33	0 32
W18	9 2	7 53	0 55	18 35	0 50	2 19	8 34	23 35	2 2	22 48	0 2	19 38	0 34	3 19	0 38	19 30	0 5	11 27	16 53	10 51	11 28	13 16	8 34	0 32
T 19	8 40	11 59	0s23	18 24	0 58	2 9	8 38	23 39	2 2	22 47	0 2	19 37	0 34	3 20	0 38	19 30	0 5	11 26	16 53	10 51	11 27	13 17	8 35	0 32
F 20	8 17	15 19	1 39	18 11	1 6	1 59	8 41	23 43	2 2	22 46	0 2	19 36	0 34	3 22	0 38	19 29	0 5	11 26	16 53	10 51	11 26	13 19	8 36	0 32
S 21	7 55	17 41	2 48	17 57	1 13	1 47	8 44	23 48	2 1	22 44	0 2	19 34	0 34	3 23	0 38	19 29	0 5	11 25	16 53	10 52	11 24	13 20	8 37	0 31
S 22	7 32	18 56	3 45	17 41	1 21	1 34	8 45	23 52	2 1	22 43	0 3	19 33	0 34	3 24	0 38	19 28	0 5	11 24	16 53	10 52	11 23	13 21	8 38	0 31
M23	7 9	19 2	4 29	17 24	1 27	1 20	8 45	23 56	2 1	22 42	0 3	19 31	0 34	3 25	0 38	19 28	0 5	11 24	16 52	10 51	11 22	13 23	8 39	0 31
T 24	6 46	18 1	4 57	17 6	1 34	1 6	8 45	24 0	2 0	22 41	0 3	19 30	0 34	3 27	0 38	19 27	0 5	11 23	16 52	10 50	11 21	13 24	8 40	0 31
W25	6 23	16 1	5 9	16 46	1 40	0 50	8 43	24 4	2 0	22 40	0 3	19 28	0 35	3 28	0 38	19 27	0 5	11 22	16 52	10 48	11 20	13 25	8 41	0 31
T 26	6 0	13 13	5 3	16 25	1 45	0 34	8 41	24 8	2 0	22 39	0 3	19 27	0 35	3 29	0 38	19 27	0 5	11 22	16 52	10 46	11 19	13 27	8 42	0 31
F 27	5 37	9 49	4 42	16 3	1 50	0 17	8 37	24 12	1 59	22 38	0 3	19 26	0 35	3 30	0 38	19 26	0 5	11 21	16 52	10 43	11 18	13 28	8 43	0 31
S 28	5 14	6 1	4 8	15 39	1 55	0s 0	8 33	24 15	1 59	22 37	0 3	19 24	0 35	3 32	0 38	19 26	0 5	11 20	16 52	10 40	11 17	13 29	8 44	0 31
S 29	4s50	2n 1	3s21	15s14	1s59	0s18	8n28	24n19	1n58	22s36	0s 3	19s23	0s35	3n33	0s38	19s25	0n 5	11s20	16s51	10s38	11s15	13s31	8n46	0n31

Julian Day Number = 2211984.5, Delta T = 09m18s
Ecliptic obliquity = 23°31'20, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°35'30, Lahiri = 14°42'30 Julian Calendar 1 Feb. 1344 == Greg. Calendar 9 Feb. 1344

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ASTRODIENST EPHEMERIS for the year 1344
geocentric

MARCH 1344 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	11 7 34	18♓47'12	29♍27	26♒ 5	8°R39	12♊54	16♑18	6♒11	10♈27	3♒15	10♈30	27°R27	29♎14	8♏14	21♈13	M 1
T 2	11 11 31	19°46'46	11♎35	27°35	8♓ 7	13°24	16°28	6°17	10°30	3°17	10°31	27♎24	29°11	8°20	21°17	T 2
W 3	11 15 27	20°46'19	23°33	29° 6	7°37	13°54	16°38	6°23	10°34	3°18	10°32	27°D23	29° 7	8°27	21°20	W 3
T 4	11 19 24	21°45'49	5♏25	0♓39	7° 8	14°24	16°47	6°29	10°37	3°20	10°34	27°23	29° 4	8°34	21°23	T 4
F 5	11 23 20	22°45'18	17°13	2°13	6°42	14°54	16°57	6°35	10°40	3°22	10°35	27°24	29° 1	8°40	21°27	F 5
S 6	11 27 17	23°44'45	29° 1	3°49	6°18	15°25	17° 6	6°40	10°43	3°23	10°37	27°26	28°58	8°47	21°30	S 6
S 7	11 31 13	24°44'10	10♐54	5°25	5°56	15°55	17°15	6°46	10°47	3°25	10°38	27°28	28°55	8°54	21°34	S 7
M 8	11 35 10	25°43'33	22°58	7° 3	5°37	16°26	17°24	6°51	10°50	3°27	10°39	27°R29	28°52	9° 0	21°37	M 8
T 9	11 39 6	26°42'54	5♑16	8°43	5°20	16°57	17°33	6°57	10°53	3°28	10°41	27°28	28°48	9° 7	21°41	T 9
W10	11 43 3	27°42'14	17°54	10°24	5° 5	17°28	17°41	7° 2	10°57	3°30	10°42	27°27	28°45	9°14	21°44	W10
T 11	11 47 0	28°41'31	0♒56	12° 6	4°53	17°59	17°50	7° 7	11° 0	3°31	10°43	27°24	28°42	9°20	21°48	T 11
F 12	11 50 56	29°40'47	14°23	13°49	4°43	18°30	17°59	7°13	11° 4	3°33	10°45	27°20	28°39	9°27	21°51	F 12
S 13	11 54 53	0♈40'01	28°17	15°34	4°36	19° 1	18° 7	7°18	11° 7	3°34	10°46	27°16	28°36	9°33	21°55	S 13
S 14	11 58 49	1°39'13	12♓35	17°20	4°31	19°33	18°15	7°23	11°10	3°36	10°48	27°12	28°33	9°40	21°58	S 14
M15	12 2 46	2°38'23	27°14	19° 8	4°D29	20° 4	18°23	7°28	11°14	3°37	10°49	27° 9	28°29	9°47	22° 2	M15
T 16	12 6 42	3°37'31	12♈ 5	20°57	4°29	20°36	18°31	7°33	11°17	3°38	10°51	27° 7	28°26	9°53	22° 6	T 16
W17	12 10 39	4°36'37	27° 2	22°47	4°31	21° 7	18°39	7°38	11°21	3°40	10°52	27°D 7	28°23	10° 0	22° 9	W17
T 18	12 14 35	5°35'41	11♉56	24°39	4°36	21°39	18°47	7°43	11°24	3°41	10°53	27° 7	28°20	10° 7	22°13	T 18
F 19	12 18 32	6°34'43	26°40	26°33	4°43	22°11	18°54	7°48	11°27	3°42	10°55	27° 8	28°17	10°13	22°17	F 19
S 20	12 22 29	7°33'42	11♊ 9	28°27	4°52	22°43	19° 2	7°53	11°31	3°44	10°56	27°10	28°13	10°20	22°20	S 20
S 21	12 26 25	8°32'39	25°19	0♈23	5° 3	23°15	19° 9	7°57	11°34	3°45	10°58	27°11	28°10	10°27	22°24	S 21
M22	12 30 22	9°31'34	9♋10	2°21	5°16	23°47	19°16	8° 2	11°38	3°46	10°59	27°R11	28° 7	10°33	22°28	M22
T 23	12 34 18	10°30'26	22°40	4°20	5°32	24°20	19°23	8° 7	11°41	3°47	11° 0	27°11	28° 4	10°40	22°32	T 23
W24	12 38 15	11°29'16	5♌52	6°20	5°49	24°52	19°30	8°11	11°45	3°48	11° 2	27°10	28° 1	10°47	22°35	W24
T 25	12 42 11	12°28'03	18°46	8°22	6° 8	25°24	19°36	8°15	11°48	3°49	11° 3	27° 8	27°58	10°53	22°39	T 25
F 26	12 46 8	13°26'49	1♍26	10°24	6°29	25°57	19°43	8°20	11°51	3°50	11° 5	27° 6	27°54	11° 0	22°43	F 26
S 27	12 50 4	14°25'32	13°52	12°28	6°52	26°30	19°49	8°24	11°55	3°51	11° 6	27° 4	27°51	11° 7	22°47	S 27
S 28	12 54 1	15°24'13	26° 7	14°33	7°17	27° 2	19°55	8°28	11°58	3°53	11° 8	27° 2	27°48	11°13	22°50	S 28
M29	12 57 58	16°22'51	8♎13	16°39	7°43	27°35	20° 1	8°32	12° 2	3°54	11° 9	27° 1	27°45	11°20	22°54	M29
T 30	13 1 54	17°21'28	20°11	18°45	8°11	28° 8	20° 7	8°36	12° 5	3°54	11°10	27° 1	27°42	11°26	22°58	T 30
W31	13 5 51	18♈20'03	2♏ 3	20♈52	8♓41	28♊41	20♑13	8♒40	12♈ 9	3♒55	11♈12	27°D 1	27♎38	11♏33	23♈ 2	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	4s27	2s 1	2s26	14s48	2s 3	0s36	8n22	24n23	1n58	22s35	0s 3	19s21	0s35	3n34	0s38	19s25	0n 5	11s19	16s51	10s36	11s14	13s32	8n47	0n31
T 2	4 4	5 54	1 25	14 20	2 6	0 54	8 15	24 26	1 58	22 34	0 4	19 20	0 35	3 35	0 38	19 25	0 5	11 18	16 51	10 35	11 13	13 33	8 48	0 31
W 3	3 40	9 30	0 21	13 51	2 9	1 12	8 7	24 29	1 57	22 33	0 4	19 19	0 35	3 37	0 38	19 24	0 5	11 18	16 51	10 35	11 12	13 35	8 49	0 30
T 4	3 17	12 41	0n44	13 20	2 12	1 30	7 59	24 33	1 57	22 32	0 4	19 17	0 35	3 38	0 38	19 24	0 5	11 17	16 51	10 35	11 11	13 36	8 50	0 30
F 5	2 53	15 20	1 46	12 48	2 14	1 48	7 50	24 36	1 57	22 31	0 4	19 16	0 36	3 39	0 38	19 23	0 5	11 17	16 51	10 35	11 10	13 37	8 52	0 30
S 6	2 30	17 20	2 45	12 15	2 16	2 6	7 40	24 39	1 56	22 30	0 4	19 15	0 36	3 41	0 38	19 23	0 5	11 16	16 51	10 36	11 9	13 39	8 53	0 30
S 7	2 6	18 35	3 36	11 41	2 17	2 23	7 30	24 42	1 56	22 28	0 4	19 13	0 36	3 42	0 38	19 23	0 5	11 15	16 51	10 36	11 8	13 40	8 54	0 30
M 8	1 42	19 2	4 19	11 5	2 18	2 40	7 20	24 45	1 56	22 27	0 4	19 12	0 36	3 43	0 38	19 22	0 5	11 15	16 50	10 37	11 6	13 41	8 55	0 30
T 9	1 19	18 34	4 51	10 28	2 18	2 56	7 9	24 47	1 55	22 26	0 4	19 11	0 36	3 45	0 38	19 22	0 5	11 14	16 50	10 37	11 5	13 43	8 56	0 30
W10	0 55	17 12	5 10	9 49	2 18	3 12	6 57	24 50	1 55	22 25	0 5	19 10	0 36	3 46	0 38	19 22	0 5	11 13	16 50	10 36	11 4	13 44	8 58	0 30
T 11	0 31	14 55	5 13	9 10	2 17	3 27	6 46	24 53	1 54	22 24	0 5	19 8	0 36	3 47	0 38	19 21	0 5	11 13	16 50	10 35	11 3	13 45	8 59	0 30
F 12	0 8	11 47	5 0	8 29	2 16	3 42	6 34	24 55	1 54	22 23	0 5	19 7	0 36	3 49	0 38	19 21	0 5	11 12	16 50	10 34	11 2	13 46	9 0	0 30
S 13	0n16	7 54	4 29	7 47	2 15	3 56	6 22	24 57	1 54	22 22	0 5	19 6	0 37	3 50	0 38	19 21	0 5	11 12	16 50	10 32	11 1	13 48	9 1	0 30
S 14	0 40	3 27	3 41	7 3	2 13	4 9	6 10	24 59	1 53	22 21	0 5	19 5	0 37	3 51	0 38	19 20	0 5	11 11	16 50	10 31	11 0	13 49	9 3	0 30
M15	1 3	1n18	2 37	6 18	2 10	4 21	5 57	25 1	1 53	22 20	0 5	19 4	0 37	3 53	0 38	19 20	0 5	11 10	16 50	10 30	10 58	13 50	9 4	0 29
T 16	1 27	6 3	1 22	5 33	2 7	4 33	5 45	25 3	1 52	22 20	0 5	19 2	0 37	3 54	0 38	19 20	0 5	11 10	16 50	10 29	10 57	13 51	9 5	0 29
W17	1 50	10 28	0 0	4 45	2 3	4 43	5 33	25 5	1 52	22 19	0 5	19 1	0 37	3 55	0 38	19 19	0 5	11 9	16 50	10 29	10 56	13 53	9 7	0 29
T 18	2 14	14 11	1s21	3 57	1 59	4 53	5 20	25 7	1 52	22 18	0 6	19 0	0 37	3 57	0 38	19 19	0 5	11 9	16 50	10 29	10 55	13 54	9 8	0 29
F 19	2 37	16 57	2 36	3 8	1 55	5 2	5 8	25 9	1 51	22 17	0 6	18 59	0 37	3 58	0 38	19 19	0 5	11 8	16 50	10 29	10 54	13 55	9 9	0 29
S 20	3 1	18 34	3 40	2 17	1 49	5 11	4 55	25 10	1 51	22 16	0 6	18 58	0 37	3 59	0 38	19 19	0 5	11 8	16 50	10 30	10 53	13 57	9 10	0 29
S 21	3 24	18 58	4 29	1 26	1 44	5 18	4 43	25 11	1 51	22 15	0 6	18 57	0 38	4 1	0 38	19 18	0 5	11 7	16 50	10 30	10 52	13 58	9 12	0 29
M22	3 47	18 12	5 1	0 33	1 38	5 25	4 31	25 13	1 50	22 14	0 6	18 56	0 38	4 2	0 38	19 18	0 5	11 6	16 50	10 30	10 50	13 59	9 13	0 29
T 23	4 10	16 25	5 15	0n20	1 31	5 30	4 19	25 14	1 50	22 13	0 6	18 55	0 38	4 3	0 38	19 18	0 5	11 6	16 50	10 30	10 49	14 0	9 14	0 29
W24	4 34	13 49	5 13	1 15	1 24	5 35	4 7	25 15	1 49	22 12	0 6	18 54	0 38	4 5	0 38	19 17	0 5	11 5	16 50	10 30	10 48	14 2	9 16	0 29
T 25	4 57	10 35	4 54	2 10	1 16	5 39	3 55	25 15	1 49	22 12	0 7	18 53	0 38	4 6	0 38	19 17	0 5	11 5	16 50	10 29	10 47	14 3	9 17	0 29
F 26	5 20	6 56	4 22	3 6	1 8	5 42	3 43	25 16	1 49	22 11	0 7	18 52	0 38	4 8	0 38	19 17	0 5	11 4	16 50	10 29	10 46	14 4	9 18	0 29
S 27	5 42	3 2	3 37	4 2	0 59	5 45	3 32	25 17	1 48	22 10	0 7	18 51	0 38	4 9	0 38	19 17	0 5	11 4	16 50	10 28	10 45	14 5	9 20	0 28
S 28	6 5	0s57	2 43	4 59	0 50	5 46	3 20	25 17	1 48	22 9	0 7	18 50	0 38	4 10	0 38	19 16	0 5	11 3	16 50	10 27	10 44	14 7	9 21	0 28
M29	6 28	4 50	1 42	5 56	0 41	5 47	3 9	25 17	1 47	22 8	0 7	18 49	0 39	4 12	0 38	19 16	0 5	11 3	16 50	10 27	10 43	14 8	9 22	0 28
T 30	6 50	8 30	0 38	6 54	0 31	5 47	2 58	25 18	1 47	22 8	0 7	18 48	0 39	4 13	0 38	19 16	0 5	11 2	16 50	10 27	10 41	14 9	9 24	0 28
W31	7n13	11s48	0n28	7n51	0s21	5s46	2n47	25n18	1n47	22s 7	0s 7	18s47	0s39	4n14	0s38	19s16	0n 5	11s 2	16s50	10s27	10s40	14s10	9n25	0n28

Julian Day Number = 2212013.5, Delta T = 09m17s
Ecliptic obliquity = 23°31'21, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°35'34, Lahiri = 14°42'34 Julian Calendar 1 March 1344 == Greg. Calendar 9 March 1344

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ASTRODIENST EPHEMERIS for the year 1344
geocentric

APRIL 1344 JC — 00:00 UT

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

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	7n35	14s35	1n32	8n49	0s10	5s44	2n36	25n17	1n46	22s 6	0s 8	18s46	0s39	4n16	0s38	19s16	0n 5	11s 1	16s50	10s27	10s39	14s11	9n26	0n28
F 2	7 57	16 46	2 33	9 46	0n 0	5 42	2 26	25 17	1 46	22 6	0 8	18 45	0 39	4 17	0 38	19 15	0 5	11 1	16 50	10 27	10 38	14 13	9 28	0 28
S 3	8 19	18 14	3 27	10 42	0 11	5 39	2 15	25 17	1 45	22 5	0 8	18 44	0 39	4 18	0 38	19 15	0 5	11 0	16 50	10 27	10 37	14 14	9 29	0 28
S 4	8 41	18 55	4 12	11 38	0 22	5 35	2 5	25 16	1 45	22 4	0 8	18 43	0 39	4 20	0 38	19 15	0 5	11 0	16 50	10 27	10 36	14 15	9 30	0 28
M 5	9 3	18 44	4 47	12 32	0 33	5 30	1 55	25 16	1 45	22 4	0 8	18 43	0 39	4 21	0 38	19 15	0 5	10 59	16 50	10 28	10 34	14 16	9 32	0 28
T 6	9 25	17 40	5 10	13 26	0 44	5 25	1 46	25 15	1 44	22 3	0 8	18 42	0 40	4 22	0 38	19 15	0 5	10 59	16 50	10 28	10 33	14 18	9 33	0 28
W 7	9 46	15 45	5 18	14 17	0 55	5 19	1 36	25 14	1 44	22 3	0 8	18 41	0 40	4 24	0 38	19 15	0 5	10 58	16 50	10 28	10 32	14 19	9 35	0 28
T 8	10 7	12 59	5 11	15 8	1 5	5 12	1 27	25 13	1 43	22 2	0 9	18 40	0 40	4 25	0 38	19 14	0 5	10 58	16 50	10 28	10 31	14 20	9 36	0 28
F 9	10 29	9 29	4 47	15 56	1 15	5 5	1 18	25 11	1 43	22 2	0 9	18 40	0 40	4 26	0 38	19 14	0 5	10 57	16 50	10 28	10 30	14 21	9 37	0 28
S 10	10 49	5 21	4 6	16 43	1 25	4 57	1 9	25 10	1 43	22 1	0 9	18 39	0 40	4 28	0 38	19 14	0 5	10 57	16 50	10 28	10 29	14 22	9 39	0 27
S 11	11 10	0 48	3 9	17 27	1 35	4 48	1 0	25 8	1 42	22 1	0 9	18 38	0 40	4 29	0 38	19 14	0 5	10 56	16 50	10 28	10 28	14 24	9 40	0 27
M12	11 31	3n56	1 58	18 9	1 43	4 39	0 52	25 7	1 42	22 0	0 9	18 38	0 40	4 30	0 38	19 14	0 5	10 56	16 51	10 28	10 26	14 25	9 41	0 27
T 13	11 51	8 32	0 38	18 48	1 52	4 29	0 43	25 5	1 41	22 0	0 9	18 37	0 41	4 31	0 38	19 14	0 5	10 56	16 51	10 28	10 25	14 26	9 43	0 27
W14	12 12	12 39	0s46	19 26	1 59	4 19	0 35	25 3	1 41	21 59	0 9	18 36	0 41	4 33	0 38	19 14	0 5	10 55	16 51	10 28	10 24	14 27	9 44	0 27
T 15	12 32	15 55	2 7	20 0	2 6	4 8	0 27	25 1	1 41	21 59	0 10	18 36	0 41	4 34	0 38	19 14	0 5	10 55	16 51	10 28	10 23	14 28	9 45	0 27
F 16	12 52	18 4	3 19	20 33	2 13	3 56	0 20	24 58	1 40	21 59	0 10	18 35	0 41	4 35	0 38	19 13	0 5	10 54	16 51	10 28	10 22	14 30	9 47	0 27
S 17	13 11	18 56	4 15	21 2	2 18	3 44	0 12	24 56	1 40	21 59	0 10	18 35	0 41	4 36	0 38	19 13	0 5	10 54	16 51	10 27	10 21	14 31	9 48	0 27
S 18	13 31	18 32	4 54	21 29	2 23	3 32	0 5	24 53	1 39	21 58	0 10	18 34	0 41	4 38	0 38	19 13	0 5	10 54	16 51	10 27	10 20	14 32	9 49	0 27
M19	13 50	17 0	5 14	21 54	2 27	3 19	0s 2	24 50	1 39	21 58	0 10	18 34	0 41	4 39	0 38	19 13	0 5	10 53	16 51	10 27	10 18	14 33	9 51	0 27
T 20	14 9	14 32	5 16	22 16	2 30	3 5	0 9	24 47	1 39	21 58	0 10	18 33	0 42	4 40	0 38	19 13	0 5	10 53	16 52	10 26	10 17	14 34	9 52	0 27
W21	14 28	11 24	5 1	22 36	2 32	2 51	0 16	24 44	1 38	21 58	0 11	18 33	0 42	4 41	0 38	19 13	0 5	10 53	16 52	10 27	10 16	14 35	9 53	0 27
T 22	14 46	7 49	4 31	22 54	2 33	2 37	0 22	24 41	1 38	21 58	0 11	18 33	0 42	4 43	0 38	19 13	0 5	10 52	16 52	10 27	10 15	14 37	9 54	0 27
F 23	15 4	3 57	3 49	23 9	2 33	2 22	0 29	24 38	1 37	21 57	0 11	18 32	0 42	4 44	0 38	19 13	0 5	10 52	16 52	10 27	10 14	14 38	9 56	0 27
S 24	15 22	0s 0	2 57	23 21	2 33	2 6	0 35	24 34	1 37	21 57	0 11	18 32	0 42	4 45	0 38	19 13	0 5	10 52	16 52	10 28	10 13	14 39	9 57	0 27
S 25	15 40	3 54	1 58	23 32	2 31	1 51	0 41	24 31	1 37	21 57	0 11	18 32	0 42	4 46	0 38	19 13	0 5	10 51	16 52	10 28	10 11	14 40	9 58	0 26
M26	15 58	7 37	0 55	23 40	2 29	1 35	0 47	24 27	1 36	21 57	0 11	18 31	0 43	4 48	0 38	19 13	0 4	10 51	16 53	10 28	10 10	14 41	10 0	0 26
T 27	16 15	11 0	0n11	23 47	2 25	1 18	0 52	24 23	1 36	21 57	0 12	18 31	0 43	4 49	0 38	19 13	0 4	10 51	16 53	10 28	10 9	14 42	10 1	0 26
W28	16 32	13 56	1 15	23 51	2 21	1 1	0 58	24 19	1 35	21 57	0 12	18 31	0 43	4 50	0 38	19 13	0 4	10 50	16 53	10 28	10 8	14 44	10 2	0 26
T 29	16 49	16 18	2 17	23 53	2 15	0 44	1 3	24 15	1 35	21 57	0 12	18 31	0 43	4 51	0 38	19 13	0 4	10 50	16 53	10 28	10 7	14 45	10 3	0 26
F 30	17n 5	17s58	3n12	23n53	2n 8	0s26	1s 8	24n10	1n35	21s58	0s12	18s30	0s43	4n52	0s38	19s13	0n 4	10s50	16s53	10s27	10s 6	14s46	10n 5	0n26

Julian Day Number = 2212044.5, Delta T = 09m17s
Ecliptic obliquity = 23°31'20, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°35'38, Lahiri = 14°42'38 Julian Calendar 1 Apr. 1344 == Greg. Calendar 9 Apr. 1344

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ASTRODIENST EPHEMERIS for the year 1344
geocentric

MAY 1344 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	15 8 4	18♉21'52	16♐24	8♊56	2♈27	16♋12	21°R44	9♒58	13♈49	4°R 8	11♈53	26°R58	26♎ 0	14♏59	24♈58	S 1
S 2	15 12 0	19°19'33	28°25	9°27	3°24	16°47	21♑44	9°59	13°52	4♒ 8	11°54	26♎54	25°57	15° 6	25° 1	S 2
M 3	15 15 57	20°17'13	10♑36	9°53	4°21	17°22	21°44	10° 0	13°55	4° 8	11°55	26°51	25°54	15°13	25° 5	M 3
T 4	15 19 53	21°14'52	22°58	10°15	5°19	17°56	21°44	10° 1	13°58	4° 8	11°56	26°48	25°50	15°19	25° 8	T 4
W 5	15 23 50	22°12'30	5♒34	10°32	6°17	18°31	21°43	10° 2	14° 1	4° 8	11°57	26°46	25°47	15°26	25°12	W 5
T 6	15 27 47	23°10'06	18°29	10°44	7°16	19° 6	21°42	10° 3	14° 4	4° 7	11°59	26°D45	25°44	15°33	25°15	T 6
F 7	15 31 43	24° 7'42	1♓44	10°51	8°15	19°41	21°41	10° 3	14° 7	4° 7	12° 0	26°45	25°41	15°39	25°19	F 7
S 8	15 35 40	25° 5'17	15°23	10°R53	9°14	20°16	21°40	10° 4	14° 9	4° 7	12° 1	26°46	25°38	15°46	25°22	S 8
S 9	15 39 36	26° 2'50	29°26	10°51	10°14	20°51	21°39	10° 4	14°12	4° 7	12° 2	26°47	25°35	15°52	25°25	S 9
M10	15 43 33	27° 0'23	13♈53	10°45	11°13	21°26	21°37	10° 4	14°15	4° 6	12° 3	26°48	25°31	15°59	25°29	M10
T 11	15 47 29	27°57'55	28°40	10°34	12°14	22° 2	21°36	10° 4	14°18	4° 6	12° 4	26°R49	25°28	16° 6	25°32	T 11
W12	15 51 26	28°55'26	13♉44	10°19	13°14	22°37	21°34	10°R 5	14°20	4° 5	12° 5	26°48	25°25	16°12	25°36	W12
T 13	15 55 22	29°52'57	28°55	10° 1	14°15	23°12	21°32	10° 4	14°23	4° 5	12° 6	26°46	25°22	16°19	25°39	T 13
F 14	15 59 19	0♊50'26	14♊ 4	9°38	15°16	23°47	21°29	10° 4	14°26	4° 4	12° 7	26°42	25°19	16°26	25°42	F 14
S 15	16 3 16	1°47'54	29° 1	9°13	16°18	24°23	21°27	10° 4	14°28	4° 4	12° 8	26°37	25°15	16°32	25°45	S 15
S 16	16 7 12	2°45'21	13♋37	8°45	17°20	24°58	21°24	10° 4	14°31	4° 3	12° 9	26°32	25°12	16°39	25°49	S 16
M17	16 11 9	3°42'47	27°48	8°15	18°21	25°33	21°21	10° 3	14°33	4° 3	12°10	26°27	25° 9	16°46	25°52	M17
T 18	16 15 5	4°40'12	11♌31	7°43	19°24	26° 9	21°18	10° 3	14°36	4° 2	12°11	26°23	25° 6	16°52	25°55	T 18
W19	16 19 2	5°37'35	24°46	7°10	20°26	26°44	21°15	10° 2	14°38	4° 2	12°12	26°21	25° 3	16°59	25°58	W19
T 20	16 22 58	6°34'57	7♍35	6°37	21°29	27°20	21°12	10° 2	14°41	4° 1	12°13	26°D21	25° 0	17° 6	26° 1	T 20
F 21	16 26 55	7°32'18	20° 2	6° 3	22°32	27°55	21° 8	10° 1	14°43	4° 0	12°14	26°21	24°56	17°12	26° 4	F 21
S 22	16 30 51	8°29'38	2♎13	5°30	23°35	28°31	21° 5	10° 0	14°45	4° 0	12°15	26°23	24°53	17°19	26° 7	S 22
S 23	16 34 48	9°26'57	14°11	4°59	24°39	29° 7	21° 1	9°59	14°48	3°59	12°16	26°24	24°50	17°26	26°10	S 23
M24	16 38 45	10°24'15	26° 2	4°29	25°42	29°42	20°57	9°58	14°50	3°58	12°16	26°R25	24°47	17°32	26°13	M24
T 25	16 42 41	11°21'32	7♏50	4° 1	26°46	0♌18	20°52	9°56	14°52	3°57	12°17	26°24	24°44	17°39	26°16	T 25
W26	16 46 38	12°18'49	19°37	3°35	27°50	0°54	20°48	9°55	14°54	3°56	12°18	26°21	24°41	17°46	26°19	W26
T 27	16 50 34	13°16'04	1♐28	3°13	28°54	1°30	20°44	9°54	14°56	3°55	12°19	26°17	24°37	17°52	26°22	T 27
F 28	16 54 31	14°13'19	13°25	2°55	29°59	2° 5	20°39	9°52	14°59	3°55	12°20	26°10	24°34	17°59	26°25	F 28
S 29	16 58 27	15°10'34	25°28	2°40	1♑ 4	2°41	20°34	9°51	15° 1	3°54	12°20	26° 2	24°31	18° 6	26°28	S 29
S 30	17 2 24	16° 7'48	7♑40	2°29	2° 8	3°17	20°29	9°49	15° 3	3°53	12°21	25°53	24°28	18°12	26°30	S 30
M31	17 6 20	17♊ 5'01	20♑ 2	2♊22	3♑13	3♌53	20♑24	9♒47	15♈ 5	3♒52	12♈22	25♎44	24♎25	18♏19	26♈33	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17n21	18s51	4n 0	23n51	2n 1	0s 8	1s13	24n 6	1n34	21s58	0s12	18s30	0s43	4n53	0s38	19s13	0n 4	10s49	16s54	10s26	10s 5	14s47	10n 6	0n26
S 2	17 37	18 54	4 37	23 48	1 52	0n10	1 18	24 1	1 34	21 58	0 12	18 30	0 43	4 54	0 38	19 13	0 4	10 49	16 54	10 24	10 3	14 48	10 7	0 26
M 3	17 53	18 5	5 2	23 42	1 43	0 29	1 22	23 56	1 33	21 58	0 13	18 30	0 44	4 56	0 38	19 13	0 4	10 49	16 54	10 23	10 2	14 49	10 8	0 26
T 4	18 8	16 24	5 14	23 35	1 32	0 48	1 27	23 51	1 33	21 58	0 13	18 30	0 44	4 57	0 38	19 13	0 4	10 49	16 54	10 22	10 1	14 50	10 10	0 26
W 5	18 23	13 55	5 11	23 26	1 21	1 7	1 31	23 46	1 32	21 59	0 13	18 30	0 44	4 58	0 38	19 13	0 4	10 48	16 54	10 21	10 0	14 52	10 11	0 26
T 6	18 38	10 42	4 52	23 16	1 9	1 26	1 35	23 40	1 32	21 59	0 13	18 30	0 44	4 59	0 38	19 13	0 4	10 48	16 55	10 21	9 59	14 53	10 12	0 26
F 7	18 52	6 53	4 18	23 4	0 55	1 46	1 39	23 35	1 32	21 59	0 13	18 30	0 44	5 0	0 38	19 13	0 4	10 48	16 55	10 21	9 58	14 54	10 13	0 26
S 8	19 6	2 35	3 28	22 50	0 41	2 6	1 43	23 29	1 31	21 59	0 13	18 30	0 44	5 1	0 38	19 13	0 4	10 48	16 55	10 21	9 56	14 55	10 15	0 26
S 9	19 20	1n59	2 25	22 35	0 27	2 26	1 46	23 24	1 31	22 0	0 14	18 30	0 45	5 2	0 38	19 13	0 4	10 48	16 55	10 22	9 55	14 56	10 16	0 26
M10	19 33	6 34	1 10	22 19	0 11	2 46	1 50	23 18	1 30	22 0	0 14	18 30	0 45	5 3	0 38	19 14	0 4	10 47	16 56	10 22	9 54	14 57	10 17	0 25
T 11	19 47	10 53	0s10	22 1	0s 5	3 7	1 53	23 12	1 30	22 1	0 14	18 30	0 45	5 4	0 38	19 14	0 4	10 47	16 56	10 22	9 53	14 58	10 18	0 25
W12	19 59	14 34	1 31	21 43	0 22	3 28	1 56	23 5	1 30	22 1	0 14	18 30	0 45	5 5	0 38	19 14	0 4	10 47	16 56	10 22	9 52	14 59	10 19	0 25
T 13	20 12	17 16	2 47	21 23	0 39	3 49	1 59	22 59	1 29	22 2	0 14	18 30	0 45	5 6	0 38	19 14	0 4	10 47	16 56	10 21	9 51	15 1	10 20	0 25
F 14	20 24	18 46	3 50	21 3	0 56	4 10	2 2	22 53	1 29	22 2	0 14	18 31	0 45	5 7	0 38	19 14	0 4	10 47	16 57	10 20	9 49	15 2	10 22	0 25
S 15	20 36	18 55	4 37	20 42	1 13	4 31	2 5	22 46	1 28	22 3	0 15	18 31	0 45	5 8	0 38	19 14	0 4	10 47	16 57	10 18	9 48	15 3	10 23	0 25
S 16	20 47	17 47	5 4	20 21	1 31	4 52	2 7	22 39	1 28	22 3	0 15	18 31	0 46	5 9	0 38	19 14	0 4	10 47	16 57	10 16	9 47	15 4	10 24	0 25
M17	20 58	15 35	5 12	19 59	1 48	5 13	2 10	22 32	1 27	22 4	0 15	18 31	0 46	5 10	0 38	19 14	0 4	10 46	16 57	10 14	9 46	15 5	10 25	0 25
T 18	21 9	12 34	5 1	19 37	2 5	5 35	2 12	22 25	1 27	22 5	0 15	18 32	0 46	5 11	0 38	19 15	0 4	10 46	16 58	10 13	9 45	15 6	10 26	0 25
W19	21 19	9 0	4 34	19 16	2 21	5 57	2 14	22 18	1 27	22 5	0 15	18 32	0 46	5 12	0 38	19 15	0 4	10 46	16 58	10 12	9 44	15 7	10 27	0 25
T 20	21 29	5 7	3 55	18 55	2 37	6 18	2 16	22 10	1 26	22 6	0 15	18 32	0 46	5 13	0 38	19 15	0 4	10 46	16 58	10 12	9 42	15 8	10 28	0 25
F 21	21 39	1 7	3 5	18 35	2 51	6 40	2 18	22 3	1 26	22 7	0 16	18 33	0 46	5 14	0 38	19 15	0 4	10 46	16 58	10 12	9 41	15 9	10 29	0 25
S 22	21 48	2s50	2 8	18 15	3 5	7 2	2 19	21 55	1 25	22 7	0 16	18 33	0 47	5 15	0 38	19 15	0 4	10 46	16 59	10 13	9 40	15 10	10 30	0 25
S 23	21 57	6 38	1 6	17 57	3 18	7 24	2 21	21 47	1 25	22 8	0 16	18 33	0 47	5 16	0 38	19 15	0 4	10 46	16 59	10 13	9 39	15 11	10 31	0 25
M24	22 5	10 7	0 2	17 40	3 30	7 45	2 22	21 40	1 24	22 9	0 16	18 34	0 47	5 17	0 38	19 16	0 4	10 46	16 59	10 14	9 38	15 13	10 32	0 25
T 25	22 13	13 12	1n 2	17 25	3 41	8 7	2 24	21 31	1 24	22 10	0 16	18 34	0 47	5 17	0 38	19 16	0 4	10 46	17 0	10 13	9 37	15 14	10 33	0 25
W26	22 21	15 44	2 2	17 11	3 50	8 29	2 25	21 23	1 24	22 11	0 17	18 35	0 47	5 18	0 38	19 16	0 4	10 46	17 0	10 12	9 35	15 15	10 34	0 25
T 27	22 28	17 37	2 58	16 59	3 58	8 51	2 26	21 15	1 23	22 12	0 17	18 35	0 47	5 19	0 38	19 16	0 4	10 46	17 0	10 11	9 34	15 16	10 35	0 24
F 28	22 35	18 45	3 46	16 49	4 5	9 13	2 27	21 6	1 23	22 12	0 17	18 36	0 47	5 20	0 38	19 16	0 4	10 46	17 1	10 8	9 33	15 17	10 36	0 24
S 29	22 42	19 2	4 25	16 41	4 10	9 35	2 28	20 58	1 22	22 13	0 17	18 36	0 48	5 21	0 38	19 17	0 4	10 46	17 1	10 5	9 32	15 18	10 37	0 24
S 30	22 48	18 27	4 51	16 35	4 14	9 56	2 28	20 49	1 22	22 14	0 17	18 37	0 48	5 21	0 38	19 17	0 4	10 46	17 1	10 2	9 31	15 19	10 38	0 24
M31	22n54	16s59	5n 5	16n31	4s16	10n18	2s29	20n40	1n21	22s15	0s17	18s38	0s48	5n22	0s38	19s17	0n 4	10s46	17s 1	9s59	9s30	15s20	10n39	0n24

Julian Day Number = 2212074.5, Delta T = 09m17s
Ecliptic obliquity = 23°31'19, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°35'42, Lahiri = 14°42'42 Julian Calendar 1 May 1344 == Greg. Calendar 9 May 1344

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ASTRODIENST EPHEMERIS for the year 1344
geocentric

JUNE 1344 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	17 10 17	18♊ 2'14	2♒35	2°D20	4♉19	4♌29	20°R19	9°R46	15♈ 7	3°R51	12♈23	25°R36	24♎21	18♏26	26♈36	T 1
W 2	17 14 14	18°59'27	15°20	2♊22	5°24	5° 5	20♑13	9♒44	15° 9	3♒50	12°23	25♎29	24°18	18°32	26°38	W 2
T 3	17 18 10	19°56'40	28°20	2°29	6°30	5°41	20° 8	9°42	15°11	3°49	12°24	25°25	24°15	18°39	26°41	T 3
F 4	17 22 7	20°53'52	11♓35	2°41	7°35	6°17	20° 2	9°40	15°12	3°48	12°25	25°23	24°12	18°46	26°44	F 4
S 5	17 26 3	21°51'04	25° 9	2°57	8°41	6°53	19°56	9°37	15°14	3°47	12°25	25°D22	24° 9	18°52	26°46	S 5
S 6	17 30 0	22°48'17	9♈ 2	3°18	9°47	7°29	19°50	9°35	15°16	3°46	12°26	25°23	24° 6	18°59	26°49	S 6
M 7	17 33 56	23°45'29	23°14	3°44	10°54	8° 5	19°44	9°33	15°18	3°44	12°26	25°R24	24° 2	19° 6	26°51	M 7
T 8	17 37 53	24°42'41	7♉46	4°14	12° 0	8°42	19°38	9°30	15°19	3°43	12°27	25°23	23°59	19°12	26°54	T 8
W 9	17 41 49	25°39'54	22°33	4°49	13° 6	9°18	19°31	9°28	15°21	3°42	12°27	25°20	23°56	19°19	26°56	W 9
T 10	17 45 46	26°37'06	7♊30	5°29	14°13	9°54	19°25	9°25	15°23	3°41	12°28	25°15	23°53	19°26	26°58	T 10
F 11	17 49 43	27°34'18	22°29	6°13	15°20	10°30	19°18	9°23	15°24	3°40	12°28	25° 8	23°50	19°32	27° 1	F 11
S 12	17 53 39	28°31'31	7♋21	7° 1	16°27	11° 7	19°12	9°20	15°26	3°38	12°29	24°59	23°47	19°39	27° 3	S 12
S 13	17 57 36	29°28'43	21°56	7°54	17°34	11°43	19° 5	9°17	15°27	3°37	12°29	24°49	23°43	19°46	27° 5	S 13
M14	18 1 32	0♌25'55	6♌ 9	8°51	18°41	12°20	18°58	9°14	15°29	3°36	12°30	24°40	23°40	19°52	27° 7	M14
T 15	18 5 29	1°23'06	19°55	9°53	19°48	12°56	18°51	9°11	15°30	3°35	12°30	24°32	23°37	19°59	27° 9	T 15
W16	18 9 25	2°20'18	3♍13	10°58	20°56	13°33	18°44	9° 8	15°31	3°33	12°31	24°27	23°34	20° 5	27°11	W16
T 17	18 13 22	3°17'29	16° 5	12° 8	22° 3	14° 9	18°37	9° 5	15°33	3°32	12°31	24°24	23°31	20°12	27°13	T 17
F 18	18 17 18	4°14'40	28°34	13°22	23°11	14°46	18°30	9° 2	15°34	3°31	12°31	24°22	23°27	20°19	27°15	F 18
S 19	18 21 15	5°11'50	10♎45	14°40	24°19	15°22	18°22	8°58	15°35	3°29	12°32	24°D22	23°24	20°25	27°17	S 19
S 20	18 25 12	6° 9'01	22°43	16° 2	25°27	15°59	18°15	8°55	15°36	3°28	12°32	24°R22	23°21	20°32	27°19	S 20
M21	18 29 8	7° 6'11	4♏33	17°28	26°35	16°36	18° 7	8°52	15°37	3°26	12°32	24°22	23°18	20°39	27°21	M21
T 22	18 33 5	8° 3'22	16°20	18°57	27°43	17°12	18° 0	8°48	15°38	3°25	12°33	24°20	23°15	20°45	27°23	T 22
W23	18 37 1	9° 0'32	28°10	20°31	28°51	17°49	17°52	8°45	15°39	3°24	12°33	24°16	23°12	20°52	27°24	W23
T 24	18 40 58	9°57'43	10♐ 6	22° 8	29°59	18°26	17°45	8°41	15°40	3°22	12°33	24° 9	23° 8	20°59	27°26	T 24
F 25	18 44 54	10°54'53	22°10	23°49	1♊ 8	19° 3	17°37	8°37	15°41	3°21	12°33	23°59	23° 5	21° 5	27°28	F 25
S 26	18 48 51	11°52'04	4♑24	25°33	2°16	19°40	17°30	8°34	15°42	3°19	12°34	23°47	23° 2	21°12	27°29	S 26
S 27	18 52 47	12°49'16	16°50	27°20	3°25	20°17	17°22	8°30	15°43	3°18	12°34	23°35	22°59	21°19	27°31	S 27
M28	18 56 44	13°46'27	29°29	29°11	4°34	20°53	17°14	8°26	15°44	3°16	12°34	23°22	22°56	21°25	27°32	M28
T 29	19 0 41	14°43'40	12♒19	1♋ 4	5°43	21°30	17° 7	8°22	15°44	3°15	12°34	23°11	22°53	21°32	27°34	T 29
W30	19 4 37	15♋40'52	25♒21	3♋ 0	6♊51	22♌ 7	16♑59	8♒18	15♈45	3♒13	12♈34	23♎ 1	22♎49	21♏39	27♈35	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n59	14s43	5n 4	16n29	4s18	10n40	2s29	20n31	1n21	22s16	0s18	18s38	0s48	5n23	0s38	19s17	0n 4	10s46	17s 2	9s56	9s28	15s21	10n40	0n24
W 2	23 4	11 42	4 49	16 29	4 18	11 1	2 30	20 22	1 21	22 17	0 18	18 39	0 48	5 24	0 38	19 18	0 4	10 46	17 2	9 53	9 27	15 22	10 41	0 24
T 3	23 8	8 4	4 18	16 32	4 17	11 22	2 30	20 13	1 20	22 18	0 18	18 40	0 48	5 24	0 38	19 18	0 4	10 46	17 2	9 52	9 26	15 23	10 42	0 24
F 4	23 13	3 58	3 33	16 36	4 15	11 44	2 30	20 3	1 20	22 19	0 18	18 40	0 48	5 25	0 39	19 18	0 4	10 46	17 3	9 51	9 25	15 24	10 43	0 24
S 5	23 16	0n26	2 35	16 42	4 11	12 5	2 30	19 54	1 19	22 20	0 18	18 41	0 49	5 26	0 39	19 18	0 4	10 46	17 3	9 51	9 24	15 25	10 44	0 24
S 6	23 20	4 55	1 27	16 51	4 7	12 26	2 30	19 44	1 19	22 21	0 18	18 42	0 49	5 26	0 39	19 19	0 4	10 46	17 3	9 51	9 23	15 26	10 45	0 24
M 7	23 22	9 14	0 12	17 1	4 2	12 47	2 29	19 34	1 18	22 22	0 19	18 43	0 49	5 27	0 39	19 19	0 4	10 46	17 4	9 51	9 21	15 27	10 45	0 24
T 8	23 25	13 7	1s 6	17 12	3 56	13 7	2 29	19 24	1 18	22 23	0 19	18 43	0 49	5 28	0 39	19 19	0 4	10 46	17 4	9 51	9 20	15 28	10 46	0 24
W 9	23 27	16 13	2 20	17 25	3 49	13 28	2 28	19 14	1 18	22 25	0 19	18 44	0 49	5 28	0 39	19 20	0 4	10 46	17 4	9 50	9 19	15 29	10 47	0 24
T 10	23 29	18 16	3 25	17 40	3 41	13 48	2 28	19 4	1 17	22 26	0 19	18 45	0 49	5 29	0 39	19 20	0 4	10 46	17 5	9 48	9 18	15 30	10 48	0 24
F 11	23 30	19 2	4 16	17 56	3 33	14 8	2 27	18 54	1 17	22 27	0 19	18 46	0 49	5 29	0 39	19 20	0 4	10 47	17 5	9 46	9 17	15 31	10 49	0 24
S 12	23 31	18 30	4 50	18 13	3 23	14 28	2 26	18 43	1 16	22 28	0 19	18 47	0 50	5 30	0 39	19 20	0 4	10 47	17 5	9 42	9 16	15 32	10 49	0 24
S 13	23 31	16 44	5 3	18 31	3 14	14 48	2 26	18 33	1 16	22 29	0 20	18 48	0 50	5 31	0 39	19 21	0 4	10 47	17 6	9 39	9 14	15 33	10 50	0 24
M14	23 31	13 59	4 58	18 50	3 3	15 7	2 25	18 22	1 15	22 30	0 20	18 49	0 50	5 31	0 39	19 21	0 4	10 47	17 6	9 35	9 13	15 34	10 51	0 23
T 15	23 31	10 32	4 35	19 10	2 53	15 27	2 24	18 11	1 15	22 31	0 20	18 49	0 50	5 32	0 39	19 21	0 4	10 47	17 6	9 33	9 12	15 35	10 51	0 23
W16	23 30	6 40	3 58	19 30	2 41	15 46	2 22	18 0	1 15	22 32	0 20	18 50	0 50	5 32	0 39	19 22	0 4	10 47	17 7	9 30	9 11	15 36	10 52	0 23
T 17	23 29	2 36	3 9	19 51	2 30	16 4	2 21	17 49	1 14	22 34	0 20	18 51	0 50	5 33	0 39	19 22	0 4	10 47	17 7	9 29	9 10	15 37	10 53	0 23
F 18	23 27	1s28	2 13	20 12	2 18	16 23	2 20	17 38	1 14	22 35	0 20	18 52	0 50	5 33	0 39	19 22	0 4	10 48	17 8	9 29	9 8	15 38	10 54	0 23
S 19	23 25	5 22	1 12	20 34	2 5	16 41	2 18	17 27	1 13	22 36	0 21	18 53	0 51	5 33	0 39	19 23	0 4	10 48	17 8	9 29	9 7	15 39	10 54	0 23
S 20	23 23	9 0	0 9	20 55	1 53	16 58	2 17	17 15	1 13	22 37	0 21	18 54	0 51	5 34	0 39	19 23	0 4	10 48	17 8	9 29	9 6	15 40	10 55	0 23
M21	23 20	12 14	0n54	21 16	1 40	17 16	2 15	17 4	1 12	22 38	0 21	18 55	0 51	5 34	0 39	19 23	0 4	10 48	17 9	9 29	9 5	15 41	10 55	0 23
T 22	23 17	14 58	1 54	21 37	1 27	17 33	2 14	16 52	1 12	22 39	0 21	18 56	0 51	5 35	0 39	19 24	0 4	10 48	17 9	9 28	9 4	15 42	10 56	0 23
W23	23 13	17 4	2 49	21 57	1 14	17 49	2 12	16 41	1 11	22 41	0 21	18 57	0 51	5 35	0 39	19 24	0 4	10 49	17 9	9 26	9 3	15 43	10 57	0 23
T 24	23 9	18 27	3 37	22 16	1 1	18 6	2 10	16 29	1 11	22 42	0 21	18 59	0 51	5 35	0 39	19 24	0 4	10 49	17 10	9 24	9 1	15 44	10 57	0 23
F 25	23 4	19 1	4 16	22 34	0 49	18 22	2 8	16 17	1 11	22 43	0 22	19 0	0 51	5 36	0 39	19 25	0 4	10 49	17 10	9 20	9 0	15 45	10 58	0 23
S 26	22 59	18 43	4 44	22 51	0 36	18 37	2 6	16 5	1 10	22 44	0 22	19 1	0 52	5 36	0 39	19 25	0 4	10 49	17 10	9 16	8 59	15 46	10 58	0 23
S 27	22 54	17 31	4 59	23 6	0 23	18 52	2 4	15 53	1 10	22 45	0 22	19 2	0 52	5 36	0 39	19 25	0 4	10 50	17 11	9 11	8 58	15 47	10 59	0 23
M28	22 48	15 27	4 59	23 20	0 11	19 7	2 2	15 40	1 9	22 46	0 22	19 3	0 52	5 37	0 39	19 26	0 4	10 50	17 11	9 7	8 57	15 48	10 59	0 23
T 29	22 42	12 37	4 44	23 32	0n 1	19 22	2 0	15 28	1 9	22 47	0 22	19 4	0 52	5 37	0 39	19 26	0 4	10 50	17 11	9 2	8 55	15 49	11 0	0 23
W30	22n36	9s 7	4n15	23n42	0n12	19n35	1s58	15n16	1n 8	22s49	0s22	19s 5	0s52	5n37	0s39	19s27	0n 4	10s51	17s12	8s59	8s54	15s50	11n 0	0n23

Julian Day Number = 2212105.5, Delta T = 09m17s
Ecliptic obliquity = 23°31'19, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°35'46, Lahiri = 14°42'47 Julian Calendar 1 June 1344 == Greg. Calendar 9 June 1344

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ASTRODIENST EPHEMERIS for the year 1344
geocentric

JULY 1344 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	19 8 34	16♋38'06	8♓34	4♋59	8♊ 1	22♌44	16°R51	8°R15	15♈46	3°R12	12♈34	22°R54	22♎46	21♏45	27♈36	T 1
F 2	19 12 30	17°35'20	21°59	7° 0	9°10	23°21	16♑43	8♒11	15°46	3♒10	12°34	22♎50	22°43	21°52	27°38	F 2
S 3	19 16 27	18°32'34	5♈36	9° 2	10°19	23°59	16°36	8° 6	15°47	3° 8	12°34	22°49	22°40	21°59	27°39	S 3
S 4	19 20 23	19°29'50	19°27	11° 6	11°28	24°36	16°28	8° 2	15°47	3° 7	12°34	22°48	22°37	22° 5	27°40	S 4
M 5	19 24 20	20°27'07	3♉30	13°11	12°38	25°13	16°20	7°58	15°48	3° 5	12°R34	22°48	22°33	22°12	27°41	M 5
T 6	19 28 16	21°24'24	17°47	15°18	13°47	25°50	16°12	7°54	15°48	3° 4	12°34	22°47	22°30	22°19	27°42	T 6
W 7	19 32 13	22°21'43	2♊14	17°24	14°57	26°27	16° 5	7°50	15°49	3° 2	12°34	22°44	22°27	22°25	27°43	W 7
T 8	19 36 10	23°19'03	16°50	19°31	16° 7	27° 5	15°57	7°46	15°49	3° 1	12°34	22°38	22°24	22°32	27°44	T 8
F 9	19 40 6	24°16'23	1♋27	21°38	17°17	27°42	15°49	7°41	15°49	2°59	12°34	22°29	22°21	22°39	27°45	F 9
S 10	19 44 3	25°13'45	16° 0	23°45	18°26	28°19	15°42	7°37	15°49	2°57	12°34	22°18	22°18	22°45	27°46	S 10
S 11	19 47 59	26°11'07	0♌20	25°51	19°36	28°57	15°34	7°33	15°49	2°56	12°34	22° 7	22°14	22°52	27°46	S 11
M12	19 51 56	27° 8'30	14°23	27°57	20°47	29°34	15°27	7°28	15°49	2°54	12°34	21°55	22°11	22°59	27°47	M12
T 13	19 55 52	28° 5'53	28° 3	0♌ 1	21°57	0♍12	15°19	7°24	15°R50	2°53	12°34	21°46	22° 8	23° 5	27°48	T 13
W14	19 59 49	29° 3'18	11♍18	2° 5	23° 7	0°49	15°12	7°20	15°50	2°51	12°33	21°38	22° 5	23°12	27°48	W14
T 15	20 3 46	0♌ 0'43	24° 9	4° 7	24°17	1°27	15° 5	7°15	15°49	2°49	12°33	21°33	22° 2	23°19	27°49	T 15
F 16	20 7 42	0°58'09	6♎39	6° 8	25°28	2° 4	14°58	7°11	15°49	2°48	12°33	21°31	21°59	23°25	27°49	F 16
S 17	20 11 39	1°55'35	18°50	8° 8	26°38	2°42	14°50	7° 6	15°49	2°46	12°33	21°D30	21°55	23°32	27°50	S 17
S 18	20 15 35	2°53'02	0♏49	10° 6	27°49	3°19	14°43	7° 2	15°49	2°44	12°32	21°R30	21°52	23°39	27°50	S 18
M19	20 19 32	3°50'30	12°40	12° 3	28°59	3°57	14°36	6°57	15°49	2°43	12°32	21°30	21°49	23°45	27°51	M19
T 20	20 23 28	4°47'59	24°30	13°58	0♋10	4°35	14°30	6°53	15°48	2°41	12°32	21°29	21°46	23°52	27°51	T 20
W21	20 27 25	5°45'29	6♐22	15°52	1°21	5°13	14°23	6°48	15°48	2°39	12°32	21°25	21°43	23°59	27°51	W21
T 22	20 31 21	6°43'00	18°21	17°45	2°32	5°50	14°16	6°44	15°48	2°38	12°31	21°19	21°39	24° 5	27°51	T 22
F 23	20 35 18	7°40'31	0♑33	19°35	3°43	6°28	14°10	6°39	15°47	2°36	12°31	21°10	21°36	24°12	27°51	F 23
S 24	20 39 15	8°38'04	12°57	21°25	4°54	7° 6	14° 3	6°35	15°47	2°35	12°30	21° 0	21°33	24°19	27°R51	S 24
S 25	20 43 11	9°35'37	25°38	23°12	6° 5	7°44	13°57	6°31	15°46	2°33	12°30	20°48	21°30	24°25	27°51	S 25
M26	20 47 8	10°33'12	8♒34	24°59	7°16	8°22	13°51	6°26	15°46	2°31	12°30	20°36	21°27	24°32	27°51	M26
T 27	20 51 4	11°30'48	21°45	26°44	8°27	9° 0	13°45	6°22	15°45	2°30	12°29	20°25	21°24	24°39	27°51	T 27
W28	20 55 1	12°28'25	5♓ 8	28°27	9°38	9°38	13°39	6°17	15°44	2°28	12°29	20°16	21°20	24°45	27°51	W28
T 29	20 58 57	13°26'04	18°44	0♍ 9	10°50	10°16	13°33	6°13	15°44	2°27	12°28	20°10	21°17	24°52	27°51	T 29
F 30	21 2 54	14°23'44	2♈28	1°49	12° 1	10°54	13°27	6° 8	15°43	2°25	12°28	20° 7	21°14	24°59	27°50	F 30
S 31	21 6 50	15♌21'26	16♈20	3♍28	13♋13	11♍32	13♑22	6♒ 4	15♈42	2♒23	12♈27	20°D 6	21♎11	25♏ 5	27♈50	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n29	5s 7	3n31	23n49	0n23	19n49	1s56	15n 3	1n 8	22s50	0s23	19s 6	0s52	5n37	0s39	19s27	0n 4	10s51	17s12	8s56	8s53	15s51	11n 0	0n23
F 2	22 22	0 49	2 35	23 54	0 34	20 2	1 53	14 50	1 7	22 51	0 23	19 8	0 52	5 37	0 39	19 27	0 4	10 51	17 12	8 55	8 52	15 52	11 1	0 22
S 3	22 14	3n36	1 30	23 57	0 44	20 14	1 51	14 38	1 7	22 52	0 23	19 9	0 52	5 38	0 39	19 28	0 4	10 51	17 13	8 54	8 51	15 53	11 1	0 22
S 4	22 6	7 55	0 18	23 57	0 53	20 27	1 49	14 25	1 6	22 53	0 23	19 10	0 53	5 38	0 39	19 28	0 4	10 52	17 13	8 54	8 50	15 54	11 2	0 22
M 5	21 58	11 51	0s56	23 54	1 2	20 38	1 46	14 12	1 6	22 54	0 23	19 11	0 53	5 38	0 39	19 28	0 4	10 52	17 14	8 54	8 48	15 55	11 2	0 22
T 6	21 49	15 9	2 8	23 48	1 10	20 49	1 44	13 59	1 6	22 55	0 23	19 12	0 53	5 38	0 39	19 29	0 4	10 52	17 14	8 53	8 47	15 56	11 2	0 22
W 7	21 40	17 32	3 12	23 40	1 17	21 0	1 41	13 46	1 5	22 56	0 23	19 13	0 53	5 38	0 39	19 29	0 4	10 53	17 14	8 52	8 46	15 57	11 3	0 22
T 8	21 30	18 49	4 5	23 28	1 23	21 10	1 38	13 32	1 5	22 57	0 23	19 15	0 53	5 38	0 39	19 30	0 4	10 53	17 15	8 50	8 45	15 58	11 3	0 22
F 9	21 20	18 50	4 41	23 15	1 29	21 19	1 36	13 19	1 4	22 58	0 24	19 16	0 53	5 38	0 39	19 30	0 4	10 53	17 15	8 47	8 44	15 59	11 3	0 22
S 10	21 10	17 37	4 59	22 58	1 34	21 28	1 33	13 6	1 4	22 59	0 24	19 17	0 53	5 38	0 39	19 30	0 4	10 54	17 15	8 43	8 42	16 0	11 3	0 22
S 11	20 59	15 18	4 58	22 39	1 38	21 37	1 30	12 52	1 3	23 0	0 24	19 18	0 53	5 38	0 40	19 31	0 4	10 54	17 16	8 38	8 41	16 1	11 4	0 22
M12	20 48	12 8	4 38	22 18	1 41	21 45	1 27	12 39	1 3	23 1	0 24	19 20	0 53	5 38	0 40	19 31	0 4	10 55	17 16	8 34	8 40	16 2	11 4	0 22
T 13	20 37	8 23	4 3	21 54	1 44	21 52	1 25	12 25	1 2	23 2	0 24	19 21	0 53	5 38	0 40	19 31	0 4	10 55	17 16	8 31	8 39	16 3	11 4	0 22
W14	20 25	4 20	3 16	21 29	1 46	21 59	1 22	12 11	1 2	23 3	0 24	19 22	0 54	5 38	0 40	19 32	0 4	10 55	17 17	8 28	8 38	16 3	11 4	0 22
T 15	20 13	0 12	2 20	21 1	1 47	22 5	1 19	11 57	1 1	23 4	0 24	19 23	0 54	5 38	0 40	19 32	0 4	10 56	17 17	8 26	8 37	16 4	11 4	0 22
F 16	20 1	3s50	1 18	20 32	1 47	22 11	1 16	11 43	1 1	23 5	0 24	19 24	0 54	5 38	0 40	19 33	0 4	10 56	17 17	8 25	8 35	16 5	11 4	0 22
S 17	19 48	7 37	0 14	20 1	1 47	22 16	1 13	11 29	1 0	23 6	0 25	19 26	0 54	5 38	0 40	19 33	0 4	10 57	17 18	8 25	8 34	16 6	11 5	0 22
S 18	19 35	11 2	0n49	19 28	1 46	22 20	1 10	11 15	1 0	23 7	0 25	19 27	0 54	5 38	0 40	19 33	0 4	10 57	17 18	8 25	8 33	16 7	11 5	0 22
M19	19 22	13 57	1 50	18 55	1 44	22 24	1 7	11 1	0 59	23 8	0 25	19 28	0 54	5 38	0 40	19 34	0 4	10 57	17 18	8 25	8 32	16 8	11 5	0 22
T 20	19 8	16 17	2 46	18 19	1 42	22 27	1 4	10 47	0 59	23 9	0 25	19 29	0 54	5 38	0 40	19 34	0 4	10 58	17 19	8 24	8 31	16 9	11 5	0 21
W21	18 54	17 56	3 34	17 43	1 40	22 30	1 1	10 32	0 59	23 9	0 25	19 31	0 54	5 38	0 40	19 35	0 4	10 58	17 19	8 23	8 29	16 10	11 5	0 21
T 22	18 39	18 47	4 14	17 6	1 37	22 32	0 58	10 18	0 58	23 10	0 25	19 32	0 54	5 37	0 40	19 35	0 4	10 59	17 19	8 20	8 28	16 11	11 5	0 21
F 23	18 25	18 48	4 43	16 28	1 33	22 33	0 55	10 4	0 58	23 11	0 25	19 33	0 54	5 37	0 40	19 35	0 4	10 59	17 20	8 17	8 27	16 12	11 5	0 21
S 24	18 10	17 56	4 59	15 49	1 29	22 34	0 52	9 49	0 57	23 12	0 25	19 34	0 54	5 37	0 40	19 36	0 4	11 0	17 20	8 13	8 26	16 13	11 5	0 21
S 25	17 55	16 10	5 1	15 10	1 25	22 34	0 49	9 34	0 57	23 13	0 25	19 35	0 55	5 37	0 40	19 36	0 4	11 0	17 20	8 9	8 25	16 13	11 5	0 21
M26	17 39	13 33	4 47	14 29	1 20	22 34	0 46	9 20	0 56	23 13	0 26	19 37	0 55	5 37	0 40	19 36	0 4	11 1	17 21	8 4	8 23	16 14	11 5	0 21
T 27	17 23	10 13	4 19	13 49	1 14	22 33	0 42	9 5	0 56	23 14	0 26	19 38	0 55	5 36	0 40	19 37	0 4	11 1	17 21	8 0	8 22	16 15	11 4	0 21
W28	17 7	6 19	3 35	13 8	1 9	22 31	0 39	8 50	0 55	23 15	0 26	19 39	0 55	5 36	0 40	19 37	0 4	11 1	17 21	7 57	8 21	16 16	11 4	0 21
T 29	16 51	2 2	2 39	12 26	1 3	22 29	0 36	8 35	0 55	23 16	0 26	19 40	0 55	5 36	0 40	19 38	0 4	11 2	17 22	7 55	8 20	16 17	11 4	0 21
F 30	16 34	2n24	1 33	11 45	0 56	22 26	0 33	8 20	0 54	23 16	0 26	19 41	0 55	5 35	0 40	19 38	0 3	11 2	17 22	7 53	8 19	16 18	11 4	0 21
S 31	16n17	6n45	0n20	11n 3	0n50	22n22	0s30	8n 5	0n54	23s17	0s26	19s43	0s55	5n35	0s40	19s38	0n 3	11s 3	17s22	7s53	8s17	16s19	11n 4	0n21

Julian Day Number = 2212135.5, Delta T = 09m17s
Ecliptic obliquity = 23°31'19, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°35'50, Lahiri = 14°42'51 Julian Calendar 1 July 1344 == Greg. Calendar 9 July 1344

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ASTRODIENST EPHEMERIS for the year 1344
geocentric

AUGUST 1344 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	21 10 47	16♌19'09	0♉18	5♍ 5	14♋25	12♍10	13°R16	6°R 0	15°R41	2°R22	12°R27	20♎ 6	21♎ 8	25♏12	27°R50	S 1
M 2	21 14 43	17°16'54	14°23	6°41	15°36	12°49	13♊11	5♒55	15♈40	2♒20	12♈26	20°R 6	21° 4	25°19	27♈49	M 2
T 3	21 18 40	18°14'41	28°32	8°16	16°48	13°27	13° 6	5°51	15°39	2°19	12°25	20° 6	21° 1	25°25	27°49	T 3
W 4	21 22 37	19°12'30	12♊45	9°49	18° 0	14° 5	13° 1	5°47	15°38	2°17	12°25	20° 4	20°58	25°32	27°48	W 4
T 5	21 26 33	20°10'20	26°59	11°21	19°12	14°43	12°56	5°42	15°37	2°16	12°24	19°59	20°55	25°39	27°48	T 5
F 6	21 30 30	21° 8'13	11♋11	12°51	20°24	15°22	12°52	5°38	15°36	2°14	12°24	19°52	20°52	25°45	27°47	F 6
S 7	21 34 26	22° 6'07	25°18	14°20	21°36	16° 0	12°47	5°34	15°35	2°13	12°23	19°44	20°49	25°52	27°46	S 7
S 8	21 38 23	23° 4'02	9♌14	15°48	22°48	16°39	12°43	5°30	15°34	2°11	12°22	19°35	20°45	25°59	27°45	S 8
M 9	21 42 19	24° 1'59	22°55	17°14	24° 0	17°17	12°39	5°26	15°33	2°10	12°21	19°26	20°42	26° 5	27°44	M 9
T 10	21 46 16	24°59'58	6♍19	18°39	25°12	17°56	12°35	5°21	15°31	2° 8	12°21	19°18	20°39	26°12	27°44	T 10
W11	21 50 12	25°57'58	19°23	20° 2	26°25	18°34	12°31	5°17	15°30	2° 7	12°20	19°12	20°36	26°19	27°43	W11
T 12	21 54 9	26°56'00	2♎ 8	21°23	27°37	19°13	12°27	5°13	15°29	2° 5	12°19	19° 8	20°33	26°25	27°42	T 12
F 13	21 58 6	27°54'03	14°33	22°43	28°50	19°52	12°24	5° 9	15°27	2° 4	12°19	19°D 7	20°30	26°32	27°41	F 13
S 14	22 2 2	28°52'08	26°44	24° 1	0♌ 2	20°30	12°21	5° 5	15°26	2° 2	12°18	19° 7	20°26	26°39	27°39	S 14
S 15	22 5 59	29°50'14	8♏42	25°18	1°15	21° 9	12°18	5° 2	15°24	2° 1	12°17	19° 8	20°23	26°45	27°38	S 15
M16	22 9 55	0♍48'22	20°34	26°33	2°27	21°48	12°15	4°58	15°23	2° 0	12°16	19° 9	20°20	26°52	27°37	M16
T 17	22 13 52	1°46'31	2♐24	27°46	3°40	22°27	12°12	4°54	15°21	1°58	12°15	19°R10	20°17	26°59	27°36	T 17
W18	22 17 48	2°44'42	14°17	28°58	4°53	23° 6	12°10	4°50	15°20	1°57	12°14	19° 9	20°14	27° 5	27°34	W18
T 19	22 21 45	3°42'54	26°19	0♎ 7	6° 6	23°45	12° 7	4°47	15°18	1°56	12°14	19° 6	20°10	27°12	27°33	T 19
F 20	22 25 41	4°41'08	8♑33	1°14	7°18	24°23	12° 5	4°43	15°16	1°54	12°13	19° 2	20° 7	27°19	27°32	F 20
S 21	22 29 38	5°39'23	21° 4	2°19	8°31	25° 2	12° 3	4°40	15°15	1°53	12°12	18°56	20° 4	27°26	27°30	S 21
S 22	22 33 35	6°37'40	3♒54	3°22	9°44	25°42	12° 1	4°36	15°13	1°52	12°11	18°49	20° 1	27°32	27°29	S 22
M23	22 37 31	7°35'58	17° 3	4°23	10°57	26°21	12° 0	4°33	15°11	1°50	12°10	18°42	19°58	27°39	27°27	M23
T 24	22 41 28	8°34'19	0♓32	5°21	12°11	27° 0	11°58	4°29	15°10	1°49	12° 9	18°35	19°55	27°46	27°25	T 24
W25	22 45 24	9°32'41	14°18	6°16	13°24	27°39	11°57	4°26	15° 8	1°48	12° 8	18°30	19°51	27°52	27°24	W25
T 26	22 49 21	10°31'05	28°19	7° 8	14°37	28°18	11°56	4°23	15° 6	1°47	12° 7	18°27	19°48	27°59	27°22	T 26
F 27	22 53 17	11°29'31	12♈29	7°57	15°50	28°57	11°55	4°20	15° 4	1°46	12° 6	18°D25	19°45	28° 6	27°20	F 27
S 28	22 57 14	12°27'59	26°45	8°43	17° 4	29°37	11°55	4°17	15° 2	1°44	12° 5	18°25	19°42	28°12	27°18	S 28
S 29	23 1 10	13°26'29	11♉ 3	9°25	18°17	0♎16	11°54	4°14	15° 0	1°43	12° 4	18°26	19°39	28°19	27°16	S 29
M30	23 5 7	14°25'01	25°20	10° 3	19°30	0°55	11°54	4°11	14°58	1°42	12° 3	18°28	19°36	28°26	27°15	M30
T 31	23 9 4	15♍23'36	9♊34	10♎37	20♌44	1♎35	11°D54	4♒ 8	14♈56	1♒41	12♈ 2	18°R29	19♎32	28♏32	27♈13	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	16n 0	10n46	0s54	10n21	0n43	22n18	0s27	7n50	0n53	23s17	0s26	19s44	0s55	5n35	0s40	19s39	0n 3	11s 3	17s23	7s53	8s16	16s20	11n 4	0n21
M 2	15 43	14 12	2 6	9 39	0 36	22 13	0 24	7 35	0 53	23 18	0 26	19 45	0 55	5 34	0 40	19 39	0 3	11 4	17 23	7 53	8 15	16 20	11 3	0 21
T 3	15 25	16 49	3 10	8 56	0 29	22 7	0 21	7 20	0 52	23 19	0 26	19 46	0 55	5 34	0 40	19 39	0 3	11 4	17 23	7 53	8 14	16 21	11 3	0 21
W 4	15 7	18 23	4 3	8 14	0 21	22 1	0 18	7 5	0 52	23 19	0 26	19 47	0 55	5 34	0 40	19 40	0 3	11 5	17 24	7 52	8 13	16 22	11 3	0 21
T 5	14 49	18 48	4 41	7 32	0 13	21 54	0 15	6 49	0 51	23 20	0 26	19 48	0 55	5 33	0 40	19 40	0 3	11 5	17 24	7 50	8 11	16 23	11 3	0 21
F 6	14 30	18 2	5 1	6 50	0 5	21 47	0 12	6 34	0 51	23 20	0 27	19 49	0 55	5 33	0 40	19 40	0 3	11 6	17 24	7 48	8 10	16 24	11 2	0 20
S 7	14 11	16 11	5 4	6 8	0s 3	21 38	0 9	6 19	0 50	23 21	0 27	19 50	0 55	5 32	0 40	19 41	0 3	11 6	17 24	7 45	8 9	16 25	11 2	0 20
S 8	13 53	13 23	4 47	5 27	0 11	21 30	0 6	6 3	0 50	23 21	0 27	19 52	0 56	5 32	0 40	19 41	0 3	11 7	17 25	7 41	8 8	16 26	11 2	0 20
M 9	13 33	9 54	4 15	4 46	0 19	21 20	0 3	5 48	0 49	23 22	0 27	19 53	0 56	5 31	0 40	19 42	0 3	11 7	17 25	7 38	8 7	16 26	11 1	0 20
T 10	13 14	5 59	3 29	4 5	0 28	21 10	0n 0	5 32	0 49	23 22	0 27	19 54	0 56	5 31	0 40	19 42	0 3	11 8	17 25	7 35	8 5	16 27	11 1	0 20
W11	12 54	1 52	2 33	3 24	0 37	21 0	0 3	5 17	0 48	23 23	0 27	19 55	0 56	5 30	0 40	19 42	0 3	11 8	17 25	7 32	8 4	16 28	11 0	0 20
T 12	12 35	2s14	1 30	2 44	0 45	20 49	0 6	5 1	0 48	23 23	0 27	19 56	0 56	5 30	0 40	19 43	0 3	11 9	17 26	7 31	8 3	16 29	11 0	0 20
F 13	12 15	6 8	0 25	2 4	0 54	20 37	0 9	4 45	0 47	23 23	0 27	19 57	0 56	5 29	0 40	19 43	0 3	11 10	17 26	7 30	8 2	16 30	11 0	0 20
S 14	11 54	9 42	0n41	1 25	1 3	20 25	0 12	4 30	0 47	23 24	0 27	19 58	0 56	5 29	0 40	19 43	0 3	11 10	17 26	7 30	8 1	16 31	10 59	0 20
S 15	11 34	12 49	1 44	0 46	1 12	20 12	0 15	4 14	0 46	23 24	0 27	19 59	0 56	5 28	0 40	19 44	0 3	11 11	17 26	7 31	7 59	16 31	10 59	0 20
M16	11 14	15 21	2 42	0 8	1 21	19 58	0 18	3 58	0 46	23 24	0 27	20 0	0 56	5 27	0 40	19 44	0 3	11 11	17 27	7 31	7 58	16 32	10 58	0 20
T 17	10 53	17 14	3 32	0s29	1 30	19 44	0 21	3 42	0 45	23 25	0 27	20 1	0 56	5 27	0 40	19 44	0 3	11 12	17 27	7 32	7 57	16 33	10 58	0 20
W18	10 32	18 23	4 14	1 6	1 39	19 29	0 23	3 26	0 45	23 25	0 27	20 2	0 56	5 26	0 40	19 45	0 3	11 12	17 27	7 31	7 56	16 34	10 57	0 20
T 19	10 11	18 43	4 45	1 42	1 48	19 14	0 26	3 10	0 44	23 25	0 27	20 2	0 56	5 25	0 40	19 45	0 3	11 13	17 27	7 30	7 55	16 35	10 57	0 20
F 20	9 50	18 11	5 4	2 17	1 57	18 58	0 29	2 54	0 44	23 26	0 27	20 3	0 56	5 25	0 40	19 45	0 3	11 13	17 28	7 29	7 53	16 36	10 56	0 20
S 21	9 28	16 46	5 9	2 51	2 5	18 42	0 31	2 38	0 43	23 26	0 28	20 4	0 56	5 24	0 41	19 45	0 3	11 14	17 28	7 26	7 52	16 36	10 55	0 19
S 22	9 7	14 30	4 59	3 24	2 14	18 25	0 34	2 22	0 43	23 26	0 28	20 5	0 56	5 23	0 41	19 46	0 3	11 14	17 28	7 24	7 51	16 37	10 55	0 19
M23	8 45	11 27	4 33	3 56	2 23	18 7	0 36	2 6	0 42	23 26	0 28	20 6	0 56	5 23	0 41	19 46	0 3	11 15	17 28	7 21	7 50	16 38	10 54	0 19
T 24	8 23	7 43	3 51	4 27	2 31	17 50	0 39	1 50	0 42	23 26	0 28	20 7	0 56	5 22	0 41	19 46	0 3	11 15	17 29	7 18	7 49	16 39	10 53	0 19
W25	8 1	3 30	2 55	4 56	2 40	17 31	0 41	1 34	0 41	23 27	0 28	20 8	0 56	5 21	0 41	19 47	0 3	11 16	17 29	7 16	7 47	16 40	10 53	0 19
T 26	7 39	0n58	1 47	5 24	2 48	17 12	0 44	1 18	0 41	23 27	0 28	20 8	0 56	5 21	0 41	19 47	0 3	11 16	17 29	7 15	7 46	16 40	10 52	0 19
F 27	7 17	5 27	0 32	5 51	2 56	16 53	0 46	1 2	0 40	23 27	0 28	20 9	0 56	5 20	0 41	19 47	0 3	11 17	17 29	7 15	7 45	16 41	10 51	0 19
S 28	6 54	9 39	0s45	6 16	3 3	16 33	0 48	0 46	0 40	23 27	0 28	20 10	0 56	5 19	0 41	19 47	0 3	11 18	17 29	7 15	7 44	16 42	10 51	0 19
S 29	6 32	13 17	2 1	6 40	3 10	16 12	0 51	0 30	0 39	23 27	0 28	20 11	0 56	5 18	0 41	19 48	0 3	11 18	17 29	7 15	7 43	16 43	10 50	0 19
M30	6 9	16 7	3 8	7 1	3 17	15 51	0 53	0 13	0 39	23 27	0 28	20 11	0 56	5 18	0 41	19 48	0 3	11 19	17 30	7 16	7 41	16 44	10 49	0 19
T 31	5n47	17n57	4s 4	7s20	3s24	15n30	0n55	0s 3	0n38	23s27	0s28	20s12	0s56	5n17	0s41	19s48	0n 3	11s19	17s30	7s16	7s40	16s44	10n48	0n19

Julian Day Number = 2212166.5, Delta T = 09m17s
Ecliptic obliquity = 23°31'19, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°35'55, Lahiri = 14°42'55 Julian Calendar 1 Aug. 1344 == Greg. Calendar 9 Aug. 1344

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ASTRODIENST EPHEMERIS for the year 1344
geocentric

SEPTEMBER 1344 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	23 13 0	16♍22'13	23♊41	11♎ 7	21♌58	2♎14	11♑54	4°R 5	14°R54	1°R40	12°R 1	18°R29	19♎29	28♏39	27°R11	W 1
T 2	23 16 57	17°20'52	7♋42	11°32	23°11	2°54	11°55	4♒ 3	14♈52	1♒39	12♈ 0	18♎27	19°26	28°46	27♈ 9	T 2
F 3	23 20 53	18°19'34	21°34	11°51	24°25	3°33	11°55	4° 0	14°50	1°38	11°59	18°24	19°23	28°52	27° 6	F 3
S 4	23 24 50	19°18'18	5♌15	12° 5	25°39	4°13	11°56	3°58	14°48	1°37	11°58	18°20	19°20	28°59	27° 4	S 4
S 5	23 28 46	20°17'04	18°44	12°13	26°52	4°52	11°57	3°55	14°46	1°36	11°57	18°16	19°16	29° 6	27° 2	S 5
M 6	23 32 43	21°15'52	2♍ 1	12°R14	28° 6	5°32	11°58	3°53	14°43	1°35	11°56	18°12	19°13	29°12	27° 0	M 6
T 7	23 36 39	22°14'42	15° 2	12° 9	29°20	6°12	11°59	3°51	14°41	1°34	11°55	18° 8	19°10	29°19	26°58	T 7
W 8	23 40 36	23°13'34	27°49	11°57	0♍34	6°52	12° 1	3°49	14°39	1°33	11°54	18° 5	19° 7	29°26	26°55	W 8
T 9	23 44 32	24°12'28	10♎20	11°37	1°48	7°31	12° 3	3°47	14°37	1°33	11°53	18° 4	19° 4	29°32	26°53	T 9
F 10	23 48 29	25°11'24	22°38	11°10	3° 2	8°11	12° 4	3°45	14°35	1°32	11°52	18°D 4	19° 1	29°39	26°51	F 10
S 11	23 52 26	26°10'23	4♏43	10°36	4°16	8°51	12° 7	3°43	14°32	1°31	11°51	18° 5	18°57	29°46	26°48	S 11
S 12	23 56 22	27° 9'23	16°40	9°54	5°30	9°31	12° 9	3°41	14°30	1°30	11°50	18° 6	18°54	29°52	26°46	S 12
M13	0 0 19	28° 8'25	28°31	9° 5	6°45	10°11	12°11	3°39	14°28	1°30	11°48	18° 8	18°51	29°59	26°43	M13
T 14	0 4 15	29° 7'28	10♐20	8°10	7°59	10°51	12°14	3°38	14°25	1°29	11°47	18° 9	18°48	0♐ 6	26°41	T 14
W15	0 8 12	0♎ 6'34	22°12	7° 9	9°13	11°31	12°17	3°36	14°23	1°28	11°46	18°10	18°45	0°12	26°38	W15
T 16	0 12 8	1° 5'41	4♑13	6° 3	10°27	12°11	12°20	3°35	14°21	1°28	11°45	18°R10	18°41	0°19	26°36	T 16
F 17	0 16 5	2° 4'51	16°26	4°54	11°42	12°52	12°23	3°34	14°18	1°27	11°44	18°10	18°38	0°26	26°33	F 17
S 18	0 20 1	3° 4'02	28°56	3°44	12°56	13°32	12°27	3°32	14°16	1°26	11°43	18° 8	18°35	0°32	26°31	S 18
S 19	0 23 58	4° 3'14	11♒47	2°35	14°10	14°12	12°30	3°31	14°14	1°26	11°42	18° 7	18°32	0°39	26°28	S 19
M20	0 27 55	5° 2'29	25° 1	1°27	15°25	14°52	12°34	3°30	14°11	1°25	11°41	18° 5	18°29	0°46	26°25	M20
T 21	0 31 51	6° 1'46	8♓40	0°24	16°39	15°33	12°38	3°29	14° 9	1°25	11°39	18° 3	18°26	0°52	26°23	T 21
W22	0 35 48	7° 1'04	22°41	29♍27	17°54	16°13	12°42	3°28	14° 6	1°24	11°38	18° 2	18°22	0°59	26°20	W22
T 23	0 39 44	8° 0'24	7♈ 1	28°38	19° 8	16°54	12°46	3°28	14° 4	1°24	11°37	18° 1	18°19	1° 6	26°17	T 23
F 24	0 43 41	8°59'47	21°37	27°57	20°23	17°34	12°51	3°27	14° 1	1°24	11°36	18°D 1	18°16	1°13	26°15	F 24
S 25	0 47 37	9°59'11	6♉20	27°27	21°38	18°15	12°56	3°27	13°59	1°23	11°35	18° 2	18°13	1°19	26°12	S 25
S 26	0 51 34	10°58'38	21° 5	27° 7	22°52	18°55	13° 0	3°26	13°57	1°23	11°34	18° 2	18°10	1°26	26° 9	S 26
M27	0 55 30	11°58'07	5♊45	26°D59	24° 7	19°36	13° 5	3°26	13°54	1°23	11°33	18° 3	18° 7	1°33	26° 6	M27
T 28	0 59 27	12°57'39	20°14	27° 1	25°22	20°17	13°11	3°26	13°52	1°22	11°31	18° 3	18° 3	1°39	26° 3	T 28
W29	1 3 24	13°57'13	4♋29	27°14	26°36	20°57	13°16	3°26	13°49	1°22	11°30	18° 3	18° 0	1°46	26° 1	W29
T 30	1 7 20	14♎56'49	18♋28	27♍38	27♍51	21♎38	13♑22	3°D26	13♈47	1♒22	11♈29	18°R 3	17♎57	1♐53	25♈58	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	5n24	18n38	4s44	7s37	3s30	15n 8	0n57	0s19	0n38	23s27	0s28	20s13	0s56	5n16	0s41	19s48	0n 3	11s20	17s30	7s16	7s39	16s45	10n48	0n19
T 2	5 1	18 11	5 7	7 52	3 35	14 46	0 59	0 35	0 37	23 27	0 28	20 13	0 56	5 15	0 41	19 49	0 3	11 20	17 30	7 15	7 38	16 46	10 47	0 19
F 3	4 38	16 39	5 12	8 4	3 40	14 23	1 1	0 51	0 37	23 27	0 28	20 14	0 56	5 14	0 41	19 49	0 3	11 21	17 30	7 14	7 37	16 47	10 46	0 19
S 4	4 15	14 11	5 0	8 13	3 44	14 0	1 3	1 8	0 36	23 27	0 28	20 15	0 56	5 13	0 41	19 49	0 3	11 21	17 30	7 13	7 35	16 47	10 45	0 19
S 5	3 52	10 59	4 30	8 19	3 47	13 37	1 5	1 24	0 36	23 27	0 28	20 15	0 56	5 13	0 41	19 49	0 3	11 22	17 31	7 11	7 34	16 48	10 44	0 18
M 6	3 28	7 16	3 46	8 22	3 49	13 13	1 7	1 40	0 35	23 27	0 28	20 16	0 56	5 12	0 41	19 50	0 3	11 22	17 31	7 10	7 33	16 49	10 43	0 18
T 7	3 5	3 17	2 52	8 21	3 50	12 49	1 8	1 56	0 34	23 27	0 28	20 16	0 56	5 11	0 41	19 50	0 3	11 23	17 31	7 8	7 32	16 50	10 43	0 18
W 8	2 42	0s48	1 49	8 16	3 50	12 24	1 10	2 13	0 34	23 27	0 28	20 17	0 56	5 10	0 41	19 50	0 3	11 23	17 31	7 7	7 31	16 50	10 42	0 18
T 9	2 19	4 45	0 42	8 7	3 48	11 59	1 12	2 29	0 33	23 27	0 28	20 17	0 56	5 9	0 41	19 50	0 3	11 24	17 31	7 7	7 29	16 51	10 41	0 18
F 10	1 55	8 27	0n25	7 53	3 45	11 34	1 13	2 45	0 33	23 27	0 28	20 18	0 56	5 8	0 41	19 50	0 3	11 24	17 31	7 7	7 28	16 52	10 40	0 18
S 11	1 32	11 43	1 31	7 35	3 41	11 8	1 15	3 2	0 32	23 26	0 28	20 18	0 56	5 7	0 41	19 51	0 3	11 25	17 31	7 7	7 27	16 53	10 39	0 18
S 12	1 8	14 27	2 31	7 13	3 34	10 42	1 16	3 18	0 32	23 26	0 28	20 19	0 56	5 7	0 41	19 51	0 3	11 25	17 31	7 7	7 26	16 53	10 38	0 18
M13	0 45	16 34	3 25	6 46	3 26	10 16	1 18	3 34	0 31	23 26	0 28	20 19	0 56	5 6	0 41	19 51	0 3	11 26	17 31	7 8	7 25	16 54	10 37	0 18
T 14	0 21	17 57	4 10	6 15	3 16	9 49	1 19	3 50	0 31	23 26	0 28	20 19	0 56	5 5	0 41	19 51	0 3	11 26	17 32	7 9	7 23	16 55	10 36	0 18
W15	0s 3	18 33	4 45	5 39	3 4	9 23	1 20	4 7	0 30	23 26	0 29	20 20	0 56	5 4	0 41	19 51	0 3	11 27	17 32	7 9	7 22	16 56	10 35	0 18
T 16	0 26	18 20	5 7	5 0	2 50	8 55	1 21	4 23	0 30	23 25	0 29	20 20	0 56	5 3	0 41	19 51	0 3	11 27	17 32	7 9	7 21	16 56	10 34	0 18
F 17	0 50	17 16	5 16	4 19	2 34	8 28	1 22	4 39	0 29	23 25	0 29	20 20	0 56	5 2	0 41	19 52	0 3	11 28	17 32	7 9	7 20	16 57	10 33	0 18
S 18	1 13	15 22	5 11	3 35	2 17	8 1	1 23	4 55	0 29	23 25	0 29	20 21	0 56	5 1	0 41	19 52	0 3	11 28	17 32	7 8	7 18	16 58	10 32	0 18
S 19	1 37	12 40	4 50	2 50	1 58	7 33	1 24	5 11	0 28	23 24	0 29	20 21	0 56	5 0	0 41	19 52	0 3	11 29	17 32	7 8	7 17	16 59	10 31	0 17
M20	2 1	9 15	4 13	2 5	1 38	7 5	1 25	5 27	0 27	23 24	0 29	20 21	0 56	4 59	0 41	19 52	0 3	11 29	17 32	7 7	7 16	16 59	10 30	0 17
T 21	2 24	5 14	3 21	1 21	1 18	6 36	1 26	5 44	0 27	23 24	0 29	20 21	0 56	4 58	0 41	19 52	0 3	11 30	17 32	7 6	7 15	17 0	10 29	0 17
W22	2 48	0 50	2 16	0 40	0 58	6 8	1 27	6 0	0 26	23 23	0 29	20 21	0 56	4 57	0 41	19 52	0 3	11 30	17 32	7 6	7 14	17 1	10 28	0 17
T 23	3 11	3n43	1 1	0 1	0 37	5 39	1 27	6 16	0 26	23 23	0 29	20 22	0 56	4 56	0 41	19 52	0 3	11 31	17 32	7 6	7 12	17 1	10 27	0 17
F 24	3 35	8 9	0s20	0n33	0 17	5 10	1 28	6 32	0 25	23 23	0 29	20 22	0 56	4 55	0 41	19 52	0 3	11 31	17 32	7 6	7 11	17 2	10 26	0 17
S 25	3 58	12 6	1 40	1 3	0n 2	4 41	1 29	6 48	0 25	23 22	0 29	20 22	0 56	4 54	0 41	19 52	0 3	11 32	17 32	7 6	7 10	17 3	10 25	0 17
S 26	4 22	15 18	2 54	1 27	0 20	4 12	1 29	7 4	0 24	23 22	0 29	20 22	0 56	4 54	0 41	19 53	0 3	11 32	17 32	7 6	7 9	17 4	10 24	0 17
M27	4 45	17 29	3 55	1 46	0 37	3 43	1 29	7 20	0 24	23 21	0 29	20 22	0 56	4 53	0 41	19 53	0 3	11 32	17 32	7 6	7 8	17 4	10 22	0 17
T 28	5 8	18 29	4 41	1 59	0 52	3 13	1 30	7 36	0 23	23 21	0 29	20 22	0 56	4 52	0 41	19 53	0 3	11 33	17 32	7 6	7 6	17 5	10 21	0 17
W29	5 31	18 18	5 9	2 7	1 6	2 44	1 30	7 52	0 22	23 20	0 29	20 22	0 56	4 51	0 41	19 53	0 3	11 33	17 32	7 6	7 5	17 6	10 20	0 17
T 30	5s55	17n 0	5s18	2n 9	1n19	2n14	1n30	8s 7	0n22	23s20	0s29	20s22	0s56	4n50	0s41	19s53	0n 3	11s34	17s32	7s 6	7s 4	17s 6	10n19	0n17

Julian Day Number = 2212197.5, Delta T = 09m17s
Ecliptic obliquity = 23°31'19, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°35'59, Lahiri = 14°42'59 Julian Calendar 1 Sept. 1344 == Greg. Calendar 9 Sept. 1344

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ASTRODIENST EPHEMERIS for the year 1344
geocentric

OCTOBER 1344 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	1 11 17	15♎56'28	2♌ 9	28♍11	29♍ 6	22♎19	13♑27	3♒26	13°R44	1°R22	11°R28	18°R 3	17♎54	1♐59	25°R55	F 1
S 2	1 15 13	16°56'08	15°33	28°54	0♎21	23° 0	13°33	3°26	13♈42	1♒22	11♈27	18♎ 3	17°51	2° 6	25♈52	S 2
S 3	1 19 10	17°55'51	28°41	29°44	1°36	23°41	13°39	3°26	13°39	1°22	11°26	18°D 3	17°47	2°13	25°49	S 3
M 4	1 23 6	18°55'37	11♍34	0♎42	2°51	24°22	13°45	3°26	13°37	1°22	11°24	18° 3	17°44	2°19	25°46	M 4
T 5	1 27 3	19°55'24	24°14	1°47	4° 6	25° 3	13°52	3°27	13°35	1°D22	11°23	18° 3	17°41	2°26	25°43	T 5
W 6	1 30 59	20°55'14	6♎41	2°57	5°21	25°44	13°58	3°28	13°32	1°22	11°22	18° 4	17°38	2°33	25°40	W 6
T 7	1 34 56	21°55'05	18°57	4°12	6°36	26°25	14° 5	3°28	13°30	1°22	11°21	18°R 4	17°35	2°39	25°37	T 7
F 8	1 38 52	22°54'59	1♏ 4	5°32	7°51	27° 6	14°12	3°29	13°27	1°22	11°20	18° 3	17°32	2°46	25°34	F 8
S 9	1 42 49	23°54'55	13° 3	6°55	9° 6	27°47	14°19	3°30	13°25	1°22	11°19	18° 3	17°28	2°53	25°31	S 9
S 10	1 46 46	24°54'52	24°56	8°21	10°21	28°29	14°26	3°31	13°23	1°22	11°18	18° 2	17°25	2°59	25°29	S 10
M11	1 50 42	25°54'52	6♐46	9°50	11°36	29°10	14°33	3°32	13°20	1°22	11°17	18° 1	17°22	3° 6	25°26	M11
T 12	1 54 39	26°54'53	18°35	11°21	12°51	29°51	14°41	3°33	13°18	1°22	11°15	18° 0	17°19	3°13	25°23	T 12
W13	1 58 35	27°54'56	0♑27	12°53	14° 6	0♏33	14°48	3°35	13°15	1°23	11°14	17°59	17°16	3°19	25°20	W13
T 14	2 2 32	28°55'00	12°26	14°27	15°21	1°14	14°56	3°36	13°13	1°23	11°13	17°58	17°12	3°26	25°17	T 14
F 15	2 6 28	29°55'06	24°35	16° 3	16°37	1°56	15° 4	3°38	13°11	1°23	11°12	17°D57	17° 9	3°33	25°14	F 15
S 16	2 10 25	0♏55'14	7♒ 1	17°39	17°52	2°37	15°12	3°39	13° 8	1°24	11°11	17°57	17° 6	3°40	25°11	S 16
S 17	2 14 21	1°55'23	19°46	19°15	19° 7	3°19	15°20	3°41	13° 6	1°24	11°10	17°58	17° 3	3°46	25° 8	S 17
M18	2 18 18	2°55'34	2♓55	20°52	20°22	4° 1	15°28	3°43	13° 4	1°24	11° 9	17°59	17° 0	3°53	25° 5	M18
T 19	2 22 15	3°55'46	16°30	22°30	21°37	4°42	15°37	3°45	13° 2	1°25	11° 8	18° 0	16°57	4° 0	25° 2	T 19
W20	2 26 11	4°56'00	0♈32	24° 7	22°53	5°24	15°45	3°47	12°59	1°25	11° 7	18° 1	16°53	4° 6	24°59	W20
T 21	2 30 8	5°56'16	15° 0	25°45	24° 8	6° 6	15°54	3°49	12°57	1°26	11° 6	18°R 2	16°50	4°13	24°56	T 21
F 22	2 34 4	6°56'33	29°49	27°23	25°23	6°48	16° 3	3°51	12°55	1°26	11° 5	18° 2	16°47	4°20	24°54	F 22
S 23	2 38 1	7°56'52	14♉53	29° 0	26°39	7°29	16°12	3°53	12°53	1°27	11° 4	18° 0	16°44	4°26	24°51	S 23
S 24	2 41 57	8°57'13	0♊ 2	0♏38	27°54	8°11	16°21	3°56	12°51	1°28	11° 3	17°58	16°41	4°33	24°48	S 24
M25	2 45 54	9°57'35	15° 7	2°15	29° 9	8°53	16°30	3°58	12°49	1°28	11° 2	17°55	16°38	4°40	24°45	M25
T 26	2 49 50	10°58'00	29°59	3°52	0♏25	9°35	16°40	4° 1	12°47	1°29	11° 1	17°52	16°34	4°46	24°42	T 26
W27	2 53 47	11°58'26	14♋31	5°29	1°40	10°17	16°49	4° 3	12°45	1°30	11° 0	17°49	16°31	4°53	24°39	W27
T 28	2 57 44	12°58'54	28°39	7° 6	2°55	11° 0	16°59	4° 6	12°43	1°30	10°59	17°47	16°28	5° 0	24°37	T 28
F 29	3 1 40	13°59'25	12♌22	8°43	4°11	11°42	17° 9	4° 9	12°41	1°31	10°58	17°D47	16°25	5° 7	24°34	F 29
S 30	3 5 37	14°59'57	25°41	10°19	5°26	12°24	17°18	4°12	12°39	1°32	10°57	17°47	16°22	5°13	24°31	S 30
S 31	3 9 33	16♏ 0'31	8♍38	11♏55	6♏42	13♏ 6	17♑28	4♒15	12♈37	1♒33	10♈56	17♎48	16♎18	5♐20	24♈29	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	6s18	14n45	5s 8	2n 5	1n29	1n44	1n30	8s23	0n21	23s19	0s29	20s22	0s56	4n49	0s41	19s53	0n 3	11s34	17s32	7s 6	7s 3	17s 7	10n18	0n17
S 2	6 41	11 44	4 42	1 57	1 39	1 14	1 30	8 39	0 21	23 19	0 29	20 22	0 56	4 48	0 41	19 53	0 3	11 35	17 32	7 6	7 1	17 8	10 17	0 16
S 3	7 3	8 12	4 1	1 44	1 46	0 45	1 30	8 55	0 20	23 18	0 29	20 22	0 56	4 47	0 41	19 53	0 3	11 35	17 32	7 6	7 0	17 8	10 16	0 16
M 4	7 26	4 20	3 9	1 26	1 53	0 15	1 30	9 10	0 20	23 17	0 29	20 22	0 56	4 46	0 41	19 53	0 3	11 35	17 32	7 6	6 59	17 9	10 15	0 16
T 5	7 49	0 20	2 9	1 5	1 57	0s15	1 30	9 26	0 19	23 17	0 29	20 22	0 56	4 45	0 41	19 53	0 3	11 36	17 32	7 6	6 58	17 10	10 13	0 16
W 6	8 12	3s37	1 3	0 41	2 1	0 45	1 30	9 41	0 19	23 16	0 29	20 21	0 56	4 44	0 41	19 53	0 3	11 36	17 32	7 6	6 57	17 10	10 12	0 16
T 7	8 34	7 22	0n 5	0 13	2 4	1 15	1 30	9 57	0 18	23 15	0 29	20 21	0 56	4 43	0 41	19 53	0 3	11 36	17 32	7 6	6 55	17 11	10 11	0 16
F 8	8 56	10 46	1 12	0s17	2 5	1 45	1 29	10 12	0 17	23 15	0 29	20 21	0 56	4 42	0 41	19 53	0 3	11 37	17 31	7 6	6 54	17 12	10 10	0 16
S 9	9 19	13 40	2 14	0 50	2 6	2 15	1 29	10 28	0 17	23 14	0 29	20 21	0 56	4 41	0 41	19 53	0 3	11 37	17 31	7 6	6 53	17 12	10 9	0 16
S 10	9 41	15 59	3 11	1 24	2 5	2 45	1 28	10 43	0 16	23 13	0 29	20 21	0 56	4 40	0 41	19 53	0 3	11 38	17 31	7 6	6 52	17 13	10 8	0 16
M11	10 3	17 36	3 59	2 0	2 4	3 15	1 28	10 58	0 16	23 12	0 29	20 20	0 56	4 39	0 41	19 53	0 3	11 38	17 31	7 6	6 51	17 14	10 7	0 16
T 12	10 24	18 26	4 36	2 38	2 2	3 45	1 27	11 13	0 15	23 12	0 29	20 20	0 56	4 39	0 41	19 53	0 3	11 38	17 31	7 5	6 49	17 14	10 5	0 16
W13	10 46	18 29	5 2	3 16	2 0	4 15	1 26	11 29	0 14	23 11	0 29	20 20	0 56	4 38	0 41	19 53	0 3	11 39	17 31	7 5	6 48	17 15	10 4	0 16
T 14	11 8	17 42	5 15	3 56	1 56	4 45	1 26	11 44	0 14	23 10	0 29	20 19	0 56	4 37	0 41	19 53	0 3	11 39	17 31	7 4	6 47	17 16	10 3	0 15
F 15	11 29	16 7	5 15	4 36	1 53	5 15	1 25	11 59	0 13	23 9	0 29	20 19	0 56	4 36	0 41	19 53	0 2	11 39	17 31	7 4	6 46	17 16	10 2	0 15
S 16	11 50	13 45	5 0	5 17	1 49	5 44	1 24	12 13	0 13	23 8	0 29	20 19	0 56	4 35	0 41	19 53	0 2	11 39	17 31	7 4	6 44	17 17	10 1	0 15
S 17	12 11	10 40	4 30	5 58	1 44	6 14	1 23	12 28	0 12	23 7	0 29	20 18	0 56	4 34	0 41	19 53	0 2	11 40	17 30	7 4	6 43	17 18	10 0	0 15
M18	12 32	6 59	3 45	6 39	1 39	6 43	1 22	12 43	0 12	23 6	0 29	20 18	0 56	4 33	0 41	19 53	0 2	11 40	17 30	7 5	6 42	17 18	9 59	0 15
T 19	12 52	2 48	2 46	7 20	1 34	7 12	1 21	12 58	0 11	23 5	0 29	20 17	0 56	4 32	0 41	19 52	0 2	11 40	17 30	7 5	6 41	17 19	9 57	0 15
W20	13 13	1n40	1 35	8 1	1 28	7 41	1 20	13 12	0 10	23 4	0 29	20 17	0 56	4 32	0 41	19 52	0 2	11 41	17 30	7 6	6 40	17 19	9 56	0 15
T 21	13 33	6 11	0 17	8 42	1 23	8 10	1 19	13 27	0 10	23 3	0 29	20 16	0 56	4 31	0 40	19 52	0 2	11 41	17 30	7 6	6 38	17 20	9 55	0 15
F 22	13 53	10 26	1s 5	9 23	1 17	8 39	1 17	13 41	0 9	23 2	0 29	20 16	0 56	4 30	0 40	19 52	0 2	11 41	17 30	7 6	6 37	17 21	9 54	0 15
S 23	14 12	14 5	2 23	10 4	1 10	9 8	1 16	13 55	0 9	23 1	0 29	20 15	0 56	4 29	0 40	19 52	0 2	11 41	17 30	7 5	6 36	17 21	9 53	0 15
S 24	14 32	16 47	3 31	10 44	1 4	9 36	1 15	14 10	0 8	23 0	0 30	20 15	0 56	4 28	0 40	19 52	0 2	11 41	17 29	7 4	6 35	17 22	9 52	0 15
M25	14 51	18 18	4 25	11 24	0 58	10 4	1 13	14 24	0 7	22 59	0 30	20 14	0 56	4 27	0 40	19 52	0 2	11 42	17 29	7 3	6 33	17 23	9 51	0 15
T 26	15 10	18 32	5 0	12 3	0 51	10 32	1 12	14 38	0 7	22 58	0 30	20 13	0 56	4 27	0 40	19 52	0 2	11 42	17 29	7 2	6 32	17 23	9 50	0 14
W27	15 29	17 31	5 14	12 42	0 45	11 0	1 10	14 51	0 6	22 57	0 30	20 13	0 56	4 26	0 40	19 51	0 2	11 42	17 29	7 1	6 31	17 24	9 48	0 14
T 28	15 47	15 27	5 9	13 20	0 38	11 27	1 9	15 5	0 6	22 56	0 30	20 12	0 56	4 25	0 40	19 51	0 2	11 42	17 29	7 0	6 30	17 24	9 47	0 14
F 29	16 6	12 34	4 46	13 58	0 31	11 54	1 7	15 19	0 5	22 54	0 30	20 11	0 56	4 24	0 40	19 51	0 2	11 42	17 28	7 0	6 29	17 25	9 46	0 14
S 30	16 24	9 6	4 9	14 35	0 24	12 21	1 6	15 32	0 4	22 53	0 30	20 11	0 56	4 24	0 40	19 51	0 2	11 43	17 28	7 0	6 27	17 26	9 45	0 14
S 31	16s41	5n17	3s19	15s11	0n18	12s47	1n 4	15s46	0n 4	22s52	0s30	20s10	0s56	4n23	0s40	19s51	0n 2	11s43	17s28	7s 1	6s26	17s26	9n44	0n14

Julian Day Number = 2212227.5, Delta T = 09m17s
Ecliptic obliquity = 23°31'19, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°36'03, Lahiri = 14°43'03 Julian Calendar 1 Oct. 1344 == Greg. Calendar 9 Oct. 1344

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ASTRODIENST EPHEMERIS for the year 1344
geocentric

NOVEMBER 1344 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	3 13 30	17♏ 1'06	21♍16	13♏31	7♏57	13♏49	17♑39	4♒18	12°R35	1♒34	10°R55	17♎50	16♎15	5♐27	24°R26	M 1
T 2	3 17 26	18° 1'44	3♎40	15° 7	9°12	14°31	17°49	4°21	12♈33	1°35	10♈54	17°52	16°12	5°33	24♈23	T 2
W 3	3 21 23	19° 2'23	15°51	16°42	10°28	15°13	17°59	4°25	12°31	1°36	10°53	17°R53	16° 9	5°40	24°21	W 3
T 4	3 25 19	20° 3'03	27°54	18°18	11°43	15°56	18° 9	4°28	12°29	1°37	10°53	17°52	16° 6	5°47	24°18	T 4
F 5	3 29 16	21° 3'46	9♏51	19°53	12°59	16°38	18°20	4°32	12°27	1°38	10°52	17°50	16° 3	5°53	24°15	F 5
S 6	3 33 13	22° 4'29	21°44	21°27	14°14	17°21	18°31	4°35	12°26	1°39	10°51	17°46	15°59	6° 0	24°13	S 6
S 7	3 37 9	23° 5'14	3♐34	23° 2	15°30	18° 4	18°41	4°39	12°24	1°40	10°50	17°40	15°56	6° 7	24°10	S 7
M 8	3 41 6	24° 6'01	15°24	24°37	16°45	18°46	18°52	4°43	12°22	1°41	10°49	17°33	15°53	6°13	24° 8	M 8
T 9	3 45 2	25° 6'49	27°15	26°11	18° 1	19°29	19° 3	4°47	12°21	1°42	10°48	17°26	15°50	6°20	24° 6	T 9
W10	3 48 59	26° 7'38	9♑10	27°45	19°16	20°12	19°14	4°50	12°19	1°43	10°48	17°19	15°47	6°27	24° 3	W10
T 11	3 52 55	27° 8'27	21°11	29°20	20°32	20°55	19°26	4°55	12°18	1°44	10°47	17°12	15°44	6°33	24° 1	T 11
F 12	3 56 52	28° 9'18	3♒20	0♐54	21°47	21°38	19°37	4°59	12°16	1°46	10°46	17° 7	15°40	6°40	23°58	F 12
S 13	4 0 48	29°10'10	15°43	2°28	23° 3	22°20	19°48	5° 3	12°15	1°47	10°45	17° 5	15°37	6°47	23°56	S 13
S 14	4 4 45	0♐11'03	28°22	4° 2	24°18	23° 3	20° 0	5° 7	12°13	1°48	10°45	17°D 3	15°34	6°54	23°54	S 14
M15	4 8 42	1°11'57	11♓21	5°36	25°34	23°46	20°11	5°11	12°12	1°49	10°44	17° 4	15°31	7° 0	23°52	M15
T 16	4 12 38	2°12'51	24°46	7°10	26°49	24°29	20°23	5°16	12°11	1°51	10°43	17° 5	15°28	7° 7	23°50	T 16
W17	4 16 35	3°13'46	8♈37	8°43	28° 5	25°13	20°34	5°20	12° 9	1°52	10°43	17° 6	15°24	7°14	23°47	W17
T 18	4 20 31	4°14'42	22°56	10°17	29°20	25°56	20°46	5°25	12° 8	1°53	10°42	17°R 6	15°21	7°20	23°45	T 18
F 19	4 24 28	5°15'39	7♉42	11°51	0♐36	26°39	20°58	5°30	12° 7	1°55	10°42	17° 5	15°18	7°27	23°43	F 19
S 20	4 28 24	6°16'36	22°48	13°25	1°51	27°22	21°10	5°34	12° 6	1°56	10°41	17° 1	15°15	7°34	23°41	S 20
S 21	4 32 21	7°17'35	8♊ 6	14°59	3° 7	28° 5	21°22	5°39	12° 5	1°58	10°40	16°55	15°12	7°40	23°39	S 21
M22	4 36 17	8°18'34	23°26	16°33	4°22	28°49	21°34	5°44	12° 4	1°59	10°40	16°47	15° 9	7°47	23°38	M22
T 23	4 40 14	9°19'35	8♋36	18° 7	5°38	29°32	21°47	5°49	12° 3	2° 1	10°39	16°38	15° 5	7°54	23°36	T 23
W24	4 44 11	10°20'36	23°26	19°41	6°53	0♐16	21°59	5°54	12° 2	2° 2	10°39	16°30	15° 2	8° 1	23°34	W24
T 25	4 48 7	11°21'38	7♌49	21°15	8° 9	0°59	22°11	5°59	12° 1	2° 4	10°38	16°24	14°59	8° 7	23°32	T 25
F 26	4 52 4	12°22'42	21°42	22°48	9°25	1°43	22°24	6° 4	12° 0	2° 6	10°38	16°20	14°56	8°14	23°30	F 26
S 27	4 56 0	13°23'46	5♍ 7	24°22	10°40	2°26	22°36	6° 9	11°59	2° 7	10°37	16°17	14°53	8°21	23°29	S 27
S 28	4 59 57	14°24'51	18° 4	25°56	11°56	3°10	22°49	6°15	11°58	2° 9	10°37	16°D17	14°50	8°27	23°27	S 28
M29	5 3 53	15°25'57	0♎38	27°30	13°11	3°53	23° 1	6°20	11°57	2°11	10°37	16°18	14°46	8°34	23°26	M29
T 30	5 7 50	16♐27'04	12♎55	29♐ 4	14♐27	4♐37	23♑14	6♒25	11♈57	2♒12	10♈36	16°R19	14♎43	8♐41	23♈24	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	16s59	1n19	2s21	15s47	0n11	13s14	1n 2	15s59	0n 3	22s51	0s30	20s 9	0s56	4n22	0s40	19s51	0n 2	11s43	17s28	7s 1	6s25	17s27	9n43	0n14
T 2	17 16	2s38	1 17	16 21	0 4	13 40	1 0	16 12	0 3	22 49	0 30	20 8	0 56	4 21	0 40	19 50	0 2	11 43	17 28	7 2	6 24	17 27	9 42	0 14
W 3	17 32	6 26	0 11	16 56	0s 2	14 5	0 59	16 26	0 2	22 48	0 30	20 7	0 56	4 21	0 40	19 50	0 2	11 43	17 27	7 2	6 22	17 28	9 41	0 14
T 4	17 49	9 55	0n55	17 29	0 9	14 30	0 57	16 38	0 1	22 47	0 30	20 7	0 56	4 20	0 40	19 50	0 2	11 43	17 27	7 2	6 21	17 29	9 40	0 14
F 5	18 5	12 58	1 57	18 1	0 16	14 55	0 55	16 51	0 1	22 45	0 30	20 6	0 56	4 19	0 40	19 50	0 2	11 43	17 27	7 1	6 20	17 29	9 39	0 14
S 6	18 21	15 27	2 54	18 33	0 22	15 20	0 53	17 4	0 0	22 44	0 30	20 5	0 56	4 19	0 40	19 50	0 2	11 43	17 27	7 0	6 19	17 30	9 38	0 13
S 7	18 37	17 17	3 44	19 4	0 29	15 44	0 51	17 17	0s 0	22 42	0 30	20 4	0 56	4 18	0 40	19 49	0 2	11 43	17 26	6 57	6 17	17 30	9 37	0 13
M 8	18 52	18 22	4 23	19 33	0 35	16 7	0 49	17 29	0 1	22 41	0 30	20 3	0 56	4 18	0 40	19 49	0 2	11 44	17 26	6 55	6 16	17 31	9 36	0 13
T 9	19 7	18 39	4 51	20 2	0 42	16 31	0 47	17 41	0 2	22 39	0 30	20 2	0 56	4 17	0 40	19 49	0 2	11 44	17 26	6 52	6 15	17 31	9 35	0 13
W10	19 21	18 6	5 7	20 30	0 48	16 53	0 45	17 53	0 2	22 38	0 30	20 1	0 55	4 16	0 40	19 49	0 2	11 44	17 25	6 49	6 14	17 32	9 34	0 13
T 11	19 35	16 45	5 9	20 57	0 54	17 16	0 43	18 5	0 3	22 36	0 30	20 0	0 55	4 16	0 40	19 48	0 2	11 44	17 25	6 47	6 13	17 33	9 33	0 13
F 12	19 49	14 39	4 58	21 23	1 0	17 38	0 40	18 17	0 3	22 35	0 30	19 59	0 55	4 15	0 40	19 48	0 2	11 44	17 25	6 45	6 11	17 33	9 32	0 13
S 13	20 2	11 51	4 32	21 48	1 6	17 59	0 38	18 29	0 4	22 33	0 30	19 58	0 55	4 15	0 40	19 48	0 2	11 44	17 25	6 44	6 10	17 34	9 31	0 13
S 14	20 16	8 26	3 53	22 12	1 11	18 20	0 36	18 41	0 5	22 31	0 30	19 57	0 55	4 14	0 40	19 48	0 2	11 44	17 24	6 43	6 9	17 34	9 30	0 13
M15	20 28	4 32	3 1	22 34	1 17	18 40	0 34	18 52	0 5	22 30	0 30	19 56	0 55	4 14	0 40	19 47	0 2	11 44	17 24	6 44	6 8	17 35	9 29	0 13
T 16	20 41	0 17	1 58	22 56	1 22	19 0	0 32	19 3	0 6	22 28	0 30	19 55	0 55	4 13	0 40	19 47	0 2	11 44	17 24	6 44	6 6	17 35	9 28	0 13
W17	20 52	4n 8	0 46	23 16	1 27	19 20	0 29	19 14	0 7	22 26	0 30	19 54	0 55	4 13	0 40	19 47	0 2	11 44	17 23	6 44	6 5	17 36	9 27	0 12
T 18	21 4	8 28	0s31	23 35	1 32	19 38	0 27	19 25	0 7	22 25	0 30	19 53	0 55	4 12	0 40	19 46	0 2	11 44	17 23	6 45	6 4	17 36	9 27	0 12
F 19	21 15	12 25	1 49	23 53	1 37	19 57	0 25	19 36	0 8	22 23	0 30	19 51	0 55	4 12	0 40	19 46	0 2	11 44	17 23	6 44	6 3	17 37	9 26	0 12
S 20	21 26	15 38	3 0	24 10	1 42	20 14	0 22	19 47	0 8	22 21	0 30	19 50	0 55	4 11	0 40	19 46	0 2	11 44	17 23	6 42	6 2	17 37	9 25	0 12
S 21	21 36	17 48	3 59	24 26	1 46	20 32	0 20	19 57	0 9	22 19	0 30	19 49	0 55	4 11	0 40	19 45	0 2	11 43	17 22	6 40	6 0	17 38	9 24	0 12
M22	21 46	18 40	4 42	24 40	1 50	20 48	0 18	20 7	0 10	22 17	0 30	19 48	0 55	4 11	0 40	19 45	0 2	11 43	17 22	6 37	5 59	17 39	9 23	0 12
T 23	21 56	18 12	5 3	24 53	1 54	21 4	0 15	20 17	0 10	22 15	0 30	19 47	0 55	4 10	0 40	19 45	0 2	11 43	17 22	6 34	5 58	17 39	9 23	0 12
W24	22 5	16 29	5 4	25 4	1 57	21 19	0 13	20 27	0 11	22 13	0 31	19 45	0 55	4 10	0 40	19 44	0 2	11 43	17 21	6 31	5 57	17 40	9 22	0 12
T 25	22 13	13 47	4 45	25 14	2 1	21 34	0 11	20 37	0 12	22 11	0 31	19 44	0 55	4 10	0 39	19 44	0 2	11 43	17 21	6 28	5 55	17 40	9 21	0 12
F 26	22 21	10 22	4 10	25 23	2 3	21 48	0 8	20 46	0 12	22 9	0 31	19 43	0 55	4 9	0 39	19 44	0 2	11 43	17 21	6 27	5 54	17 41	9 20	0 12
S 27	22 29	6 32	3 22	25 30	2 6	22 2	0 6	20 56	0 13	22 7	0 31	19 42	0 55	4 9	0 39	19 43	0 2	11 43	17 20	6 26	5 53	17 41	9 20	0 12
S 28	22 36	2 30	2 25	25 36	2 8	22 14	0 3	21 5	0 13	22 5	0 31	19 40	0 55	4 9	0 39	19 43	0 2	11 43	17 20	6 26	5 52	17 42	9 19	0 11
M29	22 43	1s31	1 23	25 40	2 10	22 27	0 1	21 14	0 14	22 3	0 31	19 39	0 55	4 8	0 39	19 43	0 2	11 43	17 20	6 26	5 50	17 42	9 18	0 11
T 30	22s50	5s24	0s18	25s43	2s12	22s38	0s 1	21s23	0s15	22s 1	0s31	19s37	0s55	4n 8	0s39	19s42	0n 2	11s42	17s19	6s26	5s49	17s43	9n18	0n11

Julian Day Number = 2212258.5, Delta T = 09m16s
Ecliptic obliquity = 23°31'19, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°36'07, Lahiri = 14°43'08 Julian Calendar 1 Nov. 1344 == Greg. Calendar 9 Nov. 1344

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ASTRODIENST EPHEMERIS for the year 1344
geocentric

DECEMBER 1344 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	5 11 46	17♐28'12	24♎59	0♑37	15♐42	5♐21	23♑27	6♒31	11°R56	2♒14	10°R36	16°R18	14♎40	8♐47	23°R23	W 1
T 2	5 15 43	18°29'21	6♏54	2°10	16°58	6° 5	23°40	6°37	11♈56	2°16	10♈35	16♎16	14°37	8°54	23♈21	T 2
F 3	5 19 40	19°30'30	18°45	3°43	18°13	6°49	23°53	6°42	11°55	2°18	10°35	16°11	14°34	9° 1	23°20	F 3
S 4	5 23 36	20°31'40	0♐34	5°16	19°29	7°32	24° 6	6°48	11°55	2°19	10°35	16° 3	14°30	9° 7	23°19	S 4
S 5	5 27 33	21°32'51	12°24	6°48	20°44	8°16	24°19	6°54	11°54	2°21	10°35	15°52	14°27	9°14	23°17	S 5
M 6	5 31 29	22°34'02	24°16	8°19	22° 0	9° 0	24°32	6°59	11°54	2°23	10°34	15°40	14°24	9°21	23°16	M 6
T 7	5 35 26	23°35'13	6♑13	9°49	23°15	9°44	24°45	7° 5	11°53	2°25	10°34	15°26	14°21	9°28	23°15	T 7
W 8	5 39 22	24°36'25	18°15	11°19	24°31	10°29	24°58	7°11	11°53	2°27	10°34	15°13	14°18	9°34	23°14	W 8
T 9	5 43 19	25°37'37	0♒23	12°47	25°47	11°13	25°12	7°17	11°53	2°29	10°34	15° 0	14°15	9°41	23°13	T 9
F 10	5 47 15	26°38'49	12°40	14°14	27° 2	11°57	25°25	7°23	11°53	2°31	10°34	14°50	14°11	9°48	23°12	F 10
S 11	5 51 12	27°40'00	25° 6	15°39	28°18	12°41	25°38	7°29	11°53	2°33	10°33	14°43	14° 8	9°54	23°11	S 11
S 12	5 55 9	28°41'12	7♓46	17° 2	29°33	13°25	25°52	7°35	11°53	2°35	10°33	14°39	14° 5	10° 1	23°10	S 12
M13	5 59 5	29°42'24	20°42	18°22	0♑49	14°10	26° 5	7°41	11°D53	2°36	10°33	14°37	14° 2	10° 8	23°10	M13
T 14	6 3 2	0♑43'35	3♈58	19°39	2° 4	14°54	26°19	7°48	11°53	2°38	10°33	14°D37	13°59	10°14	23° 9	T 14
W15	6 6 58	1°44'46	17°37	20°53	3°20	15°38	26°32	7°54	11°53	2°40	10°33	14°R37	13°56	10°21	23° 8	W15
T 16	6 10 55	2°45'57	1♉40	22° 2	4°35	16°23	26°46	8° 0	11°53	2°43	10°33	14°36	13°52	10°28	23° 8	T 16
F 17	6 14 51	3°47'07	16° 9	23° 7	5°51	17° 7	27° 0	8° 7	11°53	2°45	10°D33	14°33	13°49	10°35	23° 7	F 17
S 18	6 18 48	4°48'17	1♊ 0	24° 6	7° 6	17°52	27°13	8°13	11°53	2°47	10°33	14°27	13°46	10°41	23° 7	S 18
S 19	6 22 44	5°49'27	16° 7	24°59	8°21	18°36	27°27	8°19	11°54	2°49	10°33	14°18	13°43	10°48	23° 6	S 19
M20	6 26 41	6°50'37	1♋21	25°44	9°37	19°21	27°41	8°26	11°54	2°51	10°33	14° 8	13°40	10°55	23° 6	M20
T 21	6 30 38	7°51'46	16°32	26°21	10°52	20° 6	27°55	8°32	11°54	2°53	10°33	13°56	13°36	11° 1	23° 6	T 21
W22	6 34 34	8°52'56	1♌27	26°49	12° 8	20°50	28° 9	8°39	11°55	2°55	10°33	13°44	13°33	11° 8	23° 5	W22
T 23	6 38 31	9°54'05	16° 0	27° 8	13°23	21°35	28°23	8°46	11°55	2°57	10°33	13°34	13°30	11°15	23° 5	T 23
F 24	6 42 27	10°55'14	0♍ 3	27°R15	14°39	22°20	28°37	8°52	11°56	2°59	10°34	13°27	13°27	11°21	23° 5	F 24
S 25	6 46 24	11°56'22	13°37	27°11	15°54	23° 4	28°50	8°59	11°57	3° 1	10°34	13°22	13°24	11°28	23°D 5	S 25
S 26	6 50 20	12°57'31	26°41	26°56	17°10	23°49	29° 4	9° 6	11°57	3° 4	10°34	13°20	13°21	11°35	23° 5	S 26
M27	6 54 17	13°58'39	9♎20	26°28	18°25	24°34	29°18	9°12	11°58	3° 6	10°34	13°20	13°17	11°42	23° 5	M27
T 28	6 58 14	14°59'48	21°38	25°50	19°40	25°19	29°33	9°19	11°59	3° 8	10°34	13°20	13°14	11°48	23° 5	T 28
W29	7 2 10	16° 0'56	3♏41	25° 0	20°56	26° 4	29°47	9°26	12° 0	3°10	10°35	13°19	13°11	11°55	23° 5	W29
T 30	7 6 7	17° 2'04	15°35	24° 1	22°11	26°49	0♒ 1	9°33	12° 0	3°12	10°35	13°16	13° 8	12° 2	23° 6	T 30
F 31	7 10 3	18♑ 3'11	27♏24	22♑54	23♑27	27♐34	0♒15	9♒40	12♈ 1	3♒15	10♈35	13♎11	13♎ 5	12♐ 8	23♈ 6	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	22s56	8s59	0n46	25s44	2s13	22s49	0s 4	21s31	0s15	21s59	0s31	19s36	0s55	4n 8	0s39	19s42	0n 2	11s42	17s19	6s26	5s48	17s43	9n17	0n11
T 2	23 1	12 10	1 48	25 44	2 13	22 59	0 6	21 39	0 16	21 57	0 31	19 35	0 55	4 8	0 39	19 42	0 2	11 42	17 19	6 25	5 47	17 44	9 17	0 11
F 3	23 6	14 50	2 44	25 42	2 14	23 8	0 9	21 48	0 17	21 55	0 31	19 33	0 55	4 8	0 39	19 41	0 2	11 42	17 18	6 23	5 46	17 44	9 16	0 11
S 4	23 11	16 52	3 33	25 38	2 13	23 17	0 11	21 56	0 17	21 52	0 31	19 32	0 55	4 7	0 39	19 41	0 2	11 42	17 18	6 20	5 44	17 45	9 15	0 11
S 5	23 15	18 11	4 12	25 33	2 13	23 25	0 13	22 3	0 18	21 50	0 31	19 30	0 55	4 7	0 39	19 40	0 2	11 41	17 18	6 16	5 43	17 45	9 15	0 11
M 6	23 19	18 43	4 41	25 26	2 11	23 32	0 16	22 11	0 18	21 48	0 31	19 29	0 55	4 7	0 39	19 40	0 2	11 41	17 17	6 11	5 42	17 46	9 14	0 11
T 7	23 22	18 25	4 58	25 18	2 9	23 39	0 18	22 18	0 19	21 46	0 31	19 27	0 55	4 7	0 39	19 40	0 2	11 41	17 17	6 6	5 41	17 46	9 14	0 11
W 8	23 25	17 18	5 1	25 8	2 6	23 45	0 20	22 25	0 20	21 43	0 31	19 26	0 55	4 7	0 39	19 39	0 2	11 41	17 16	6 1	5 39	17 47	9 13	0 11
T 9	23 27	15 24	4 51	24 57	2 3	23 50	0 23	22 32	0 20	21 41	0 31	19 24	0 55	4 7	0 39	19 39	0 2	11 40	17 16	5 56	5 38	17 47	9 13	0 10
F 10	23 29	12 48	4 27	24 44	1 59	23 54	0 25	22 39	0 21	21 38	0 31	19 23	0 55	4 7	0 39	19 38	0 2	11 40	17 16	5 52	5 37	17 48	9 12	0 10
S 11	23 30	9 35	3 51	24 29	1 54	23 58	0 27	22 45	0 22	21 36	0 31	19 21	0 55	4 7	0 39	19 38	0 2	11 40	17 15	5 49	5 36	17 48	9 12	0 10
S 12	23 31	5 52	3 2	24 14	1 49	24 1	0 30	22 51	0 22	21 34	0 31	19 20	0 55	4 7	0 39	19 37	0 2	11 40	17 15	5 47	5 34	17 48	9 12	0 10
M13	23 31	1 49	2 3	23 57	1 42	24 3	0 32	22 57	0 23	21 31	0 31	19 18	0 56	4 7	0 39	19 37	0 2	11 39	17 15	5 47	5 33	17 49	9 11	0 10
T 14	23 31	2n26	0 56	23 38	1 35	24 4	0 34	23 3	0 23	21 29	0 31	19 17	0 56	4 7	0 39	19 37	0 2	11 39	17 14	5 47	5 32	17 49	9 11	0 10
W15	23 31	6 41	0s16	23 19	1 26	24 5	0 36	23 9	0 24	21 26	0 32	19 15	0 56	4 7	0 39	19 36	0 2	11 39	17 14	5 47	5 31	17 50	9 11	0 10
T 16	23 30	10 42	1 29	22 59	1 17	24 5	0 38	23 14	0 25	21 23	0 32	19 13	0 56	4 7	0 39	19 36	0 2	11 38	17 14	5 46	5 29	17 50	9 10	0 10
F 17	23 28	14 12	2 38	22 38	1 6	24 4	0 40	23 19	0 25	21 21	0 32	19 12	0 56	4 7	0 39	19 35	0 2	11 38	17 13	5 45	5 28	17 51	9 10	0 10
S 18	23 26	16 51	3 39	22 16	0 55	24 2	0 43	23 24	0 26	21 18	0 32	19 10	0 56	4 7	0 39	19 35	0 2	11 38	17 13	5 43	5 27	17 51	9 10	0 10
S 19	23 24	18 24	4 25	21 54	0 42	24 0	0 45	23 28	0 27	21 16	0 32	19 8	0 56	4 8	0 39	19 34	0 2	11 37	17 12	5 40	5 26	17 52	9 10	0 10
M20	23 21	18 38	4 53	21 32	0 29	23 57	0 47	23 33	0 27	21 13	0 32	19 7	0 56	4 8	0 39	19 34	0 2	11 37	17 12	5 35	5 25	17 52	9 9	0 9
T 21	23 17	17 32	5 0	21 11	0 14	23 53	0 49	23 37	0 28	21 10	0 32	19 5	0 56	4 8	0 39	19 33	0 2	11 37	17 12	5 31	5 23	17 53	9 9	0 9
W22	23 13	15 15	4 46	20 50	0n 2	23 48	0 51	23 41	0 29	21 8	0 32	19 3	0 56	4 8	0 38	19 33	0 2	11 36	17 11	5 26	5 22	17 53	9 9	0 9
T 23	23 9	12 3	4 14	20 30	0 19	23 43	0 53	23 44	0 29	21 5	0 32	19 2	0 56	4 8	0 38	19 32	0 2	11 36	17 11	5 22	5 21	17 53	9 9	0 9
F 24	23 4	8 15	3 27	20 11	0 37	23 37	0 55	23 48	0 30	21 2	0 32	19 0	0 56	4 9	0 38	19 32	0 2	11 35	17 11	5 20	5 20	17 54	9 9	0 9
S 25	22 59	4 9	2 30	19 53	0 55	23 30	0 56	23 51	0 30	20 59	0 32	18 58	0 56	4 9	0 38	19 31	0 2	11 35	17 10	5 18	5 18	17 54	9 9	0 9
S 26	22 53	0s 0	1 27	19 38	1 14	23 23	0 58	23 54	0 31	20 56	0 32	18 56	0 56	4 9	0 38	19 31	0 2	11 35	17 10	5 17	5 17	17 55	9 8	0 9
M27	22 47	4 2	0 21	19 25	1 33	23 14	1 0	23 56	0 32	20 54	0 32	18 55	0 56	4 10	0 38	19 30	0 2	11 34	17 10	5 17	5 16	17 55	9 8	0 9
T 28	22 41	7 47	0n44	19 13	1 52	23 5	1 2	23 59	0 32	20 51	0 32	18 53	0 56	4 10	0 38	19 30	0 2	11 34	17 9	5 17	5 15	17 56	9 8	0 9
W29	22 33	11 8	1 45	19 4	2 10	22 56	1 3	24 1	0 33	20 48	0 32	18 51	0 56	4 10	0 38	19 29	0 2	11 33	17 9	5 16	5 13	17 56	9 8	0 9
T 30	22 26	13 59	2 42	18 58	2 27	22 45	1 5	24 3	0 34	20 45	0 32	18 49	0 56	4 11	0 38	19 29	0 2	11 33	17 8	5 15	5 12	17 56	9 8	0 9
F 31	22s18	16s14	3n30	18s53	2n43	22s34	1s 7	24s 4	0s34	20s42	0s33	18s48	0s56	4n11	0s38	19s28	0n 2	11s32	17s 8	5s13	5s11	17s57	9n 8	0n 9

Julian Day Number = 2212288.5, Delta T = 09m16s
Ecliptic obliquity = 23°31'18, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°36'11, Lahiri = 14°43'12 Julian Calendar 1 Dec. 1344 == Greg. Calendar 9 Dec. 1344

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ASTRODIENST EPHEMERIS for the year 1345
geocentric

JANUARY 1345 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	7 14 0	19♉ 4'18	9♐13	21°R41	24♉42	28♐19	0♒29	9♒46	12♈ 2	3♒17	10♈36	13°R 2	13♎ 2	12♐15	23♈ 6	S 1
S 2	7 17 56	20° 5'25	21° 4	20♉25	25°57	29° 4	0°43	9°53	12° 3	3°19	10°36	12♎51	12°58	12°22	23° 7	S 2
M 3	7 21 53	21° 6'31	3♉ 1	19° 7	27°13	29°50	0°57	10° 0	12° 4	3°21	10°36	12°38	12°55	12°29	23° 7	M 3
T 4	7 25 49	22° 7'37	15° 6	17°51	28°28	0♉35	1°12	10° 7	12° 6	3°23	10°37	12°23	12°52	12°35	23° 8	T 4
W 5	7 29 46	23° 8'42	27°18	16°37	29°43	1°20	1°26	10°14	12° 7	3°26	10°37	12° 8	12°49	12°42	23° 8	W 5
T 6	7 33 43	24° 9'46	9♒40	15°29	0♒59	2° 5	1°40	10°21	12° 8	3°28	10°38	11°55	12°46	12°49	23° 9	T 6
F 7	7 37 39	25°10'49	22°11	14°28	2°14	2°51	1°54	10°28	12° 9	3°30	10°38	11°44	12°42	12°55	23°10	F 7
S 8	7 41 36	26°11'50	4♓52	13°35	3°29	3°36	2° 9	10°35	12°10	3°32	10°39	11°36	12°39	13° 2	23°11	S 8
S 9	7 45 32	27°12'51	17°43	12°50	4°45	4°21	2°23	10°43	12°12	3°35	10°39	11°31	12°36	13° 9	23°11	S 9
M10	7 49 29	28°13'51	0♈47	12°13	6° 0	5° 7	2°37	10°50	12°13	3°37	10°40	11°29	12°33	13°15	23°12	M10
T 11	7 53 25	29°14'50	14° 6	11°46	7°15	5°52	2°51	10°57	12°15	3°39	10°40	11°D28	12°30	13°22	23°13	T 11
W12	7 57 22	0♒15'47	27°41	11°27	8°31	6°38	3° 6	11° 4	12°16	3°42	10°41	11°R29	12°27	13°29	23°14	W12
T 13	8 1 18	1°16'43	11♉34	11°17	9°46	7°23	3°20	11°11	12°18	3°44	10°41	11°28	12°23	13°36	23°15	T 13
F 14	8 5 15	2°17'37	25°46	11°D15	11° 1	8° 9	3°34	11°18	12°19	3°46	10°42	11°26	12°20	13°42	23°17	F 14
S 15	8 9 12	3°18'30	10♊15	11°21	12°16	8°54	3°49	11°25	12°21	3°48	10°43	11°22	12°17	13°49	23°18	S 15
S 16	8 13 8	4°19'22	24°59	11°33	13°31	9°40	4° 3	11°33	12°23	3°51	10°43	11°14	12°14	13°56	23°19	S 16
M17	8 17 5	5°20'13	9♋50	11°52	14°47	10°25	4°17	11°40	12°25	3°53	10°44	11° 5	12°11	14° 2	23°20	M17
T 18	8 21 1	6°21'02	24°42	12°18	16° 2	11°11	4°31	11°47	12°26	3°55	10°45	10°55	12° 7	14° 9	23°22	T 18
W19	8 24 58	7°21'50	9♌24	12°48	17°17	11°57	4°46	11°54	12°28	3°58	10°45	10°44	12° 4	14°16	23°23	W19
T 20	8 28 54	8°22'36	23°49	13°24	18°32	12°42	5° 0	12° 1	12°30	4° 0	10°46	10°35	12° 1	14°23	23°25	T 20
F 21	8 32 51	9°23'21	7♍51	14° 4	19°47	13°28	5°14	12° 9	12°32	4° 2	10°47	10°29	11°58	14°29	23°26	F 21
S 22	8 36 47	10°24'05	21°26	14°49	21° 2	14°14	5°29	12°16	12°34	4° 4	10°48	10°25	11°55	14°36	23°28	S 22
S 23	8 40 44	11°24'48	4♎35	15°37	22°17	15° 0	5°43	12°23	12°36	4° 7	10°48	10°D23	11°52	14°43	23°29	S 23
M24	8 44 41	12°25'30	17°20	16°29	23°32	15°46	5°57	12°30	12°38	4° 9	10°49	10°23	11°48	14°49	23°31	M24
T 25	8 48 37	13°26'11	29°43	17°24	24°47	16°32	6°11	12°37	12°40	4°11	10°50	10°24	11°45	14°56	23°33	T 25
W26	8 52 34	14°26'50	11♏50	18°23	26° 2	17°17	6°26	12°45	12°42	4°13	10°51	10°R24	11°42	15° 3	23°35	W26
T 27	8 56 30	15°27'28	23°47	19°23	27°17	18° 3	6°40	12°52	12°44	4°16	10°52	10°24	11°39	15° 9	23°36	T 27
F 28	9 0 27	16°28'05	5♐38	20°27	28°32	18°49	6°54	12°59	12°47	4°18	10°53	10°22	11°36	15°16	23°38	F 28
S 29	9 4 23	17°28'41	17°28	21°33	29°47	19°35	7° 8	13° 6	12°49	4°20	10°54	10°17	11°33	15°23	23°40	S 29
S 30	9 8 20	18°29'16	29°22	22°41	1♓ 2	20°21	7°23	13°14	12°51	4°22	10°55	10°11	11°29	15°30	23°42	S 30
M31	9 12 16	19♒29'49	11♉23	23♉51	2♓17	21♉ 7	7♒37	13♒21	12♈53	4♒25	10♈56	10♎ 2	11♎26	15♐36	23♈44	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22s10	17s47	4n10	18s51	2n57	22s23	1s 8	24s 5	0s35	20s39	0s33	18s46	0s56	4n11	0s38	19s28	0n 2	11s32	17s 8	5s10	5s10	17s57	9n 8	0n 8
S 2	22 1	18 35	4 39	18 51	3 9	22 10	1 10	24 7	0 35	20 36	0 33	18 44	0 56	4 12	0 38	19 27	0 2	11 31	17 7	5 6	5 8	17 58	9 9	0 8
M 3	21 52	18 34	4 56	18 52	3 19	21 57	1 11	24 7	0 36	20 33	0 33	18 42	0 56	4 12	0 38	19 27	0 2	11 31	17 7	5 0	5 7	17 58	9 9	0 8
T 4	21 42	17 42	4 59	18 56	3 26	21 43	1 13	24 8	0 37	20 30	0 33	18 40	0 56	4 13	0 38	19 26	0 2	11 30	17 7	4 55	5 6	17 58	9 9	0 8
W 5	21 32	16 2	4 50	19 0	3 30	21 29	1 14	24 8	0 37	20 27	0 33	18 38	0 56	4 13	0 38	19 26	0 2	11 30	17 6	4 49	5 5	17 59	9 9	0 8
T 6	21 21	13 37	4 26	19 6	3 32	21 14	1 15	24 8	0 38	20 24	0 33	18 36	0 56	4 14	0 38	19 25	0 1	11 29	17 6	4 44	5 3	17 59	9 9	0 8
F 7	21 10	10 33	3 49	19 13	3 32	20 58	1 16	24 8	0 39	20 20	0 33	18 35	0 56	4 14	0 38	19 25	0 1	11 29	17 6	4 39	5 2	18 0	9 9	0 8
S 8	20 59	6 57	3 1	19 21	3 30	20 42	1 18	24 7	0 39	20 17	0 33	18 33	0 56	4 15	0 38	19 24	0 1	11 28	17 5	4 36	5 1	18 0	9 9	0 8
S 9	20 47	3 0	2 2	19 29	3 26	20 25	1 19	24 7	0 40	20 14	0 33	18 31	0 56	4 15	0 38	19 24	0 1	11 28	17 5	4 34	5 0	18 0	9 10	0 8
M10	20 35	1n11	0 56	19 38	3 20	20 8	1 20	24 6	0 40	20 11	0 33	18 29	0 56	4 16	0 38	19 23	0 1	11 27	17 4	4 33	4 58	18 1	9 10	0 8
T 11	20 23	5 22	0s14	19 48	3 13	19 49	1 21	24 4	0 41	20 8	0 33	18 27	0 56	4 17	0 38	19 23	0 1	11 27	17 4	4 33	4 57	18 1	9 10	0 8
W12	20 10	9 22	1 25	19 57	3 5	19 31	1 22	24 3	0 42	20 5	0 33	18 25	0 56	4 17	0 38	19 22	0 1	11 26	17 4	4 33	4 56	18 1	9 11	0 7
T 13	19 57	12 56	2 33	20 7	2 56	19 12	1 23	24 1	0 42	20 1	0 34	18 23	0 57	4 18	0 38	19 22	0 1	11 26	17 3	4 33	4 55	18 2	9 11	0 7
F 14	19 43	15 50	3 32	20 17	2 46	18 52	1 24	23 59	0 43	19 58	0 34	18 21	0 57	4 19	0 38	19 21	0 1	11 25	17 3	4 32	4 53	18 2	9 11	0 7
S 15	19 29	17 47	4 20	20 27	2 36	18 32	1 24	23 57	0 43	19 55	0 34	18 19	0 57	4 19	0 38	19 21	0 1	11 25	17 3	4 30	4 52	18 3	9 12	0 7
S 16	19 15	18 35	4 51	20 37	2 25	18 11	1 25	23 54	0 44	19 51	0 34	18 17	0 57	4 20	0 38	19 20	0 1	11 24	17 2	4 28	4 51	18 3	9 12	0 7
M17	19 0	18 7	5 3	20 46	2 14	17 49	1 26	23 51	0 45	19 48	0 34	18 15	0 57	4 21	0 38	19 20	0 1	11 24	17 2	4 24	4 50	18 3	9 12	0 7
T 18	18 45	16 26	4 54	20 55	2 3	17 27	1 26	23 48	0 45	19 45	0 34	18 13	0 57	4 21	0 37	19 19	0 1	11 23	17 2	4 20	4 49	18 4	9 13	0 7
W19	18 30	13 41	4 26	21 3	1 52	17 5	1 27	23 45	0 46	19 41	0 34	18 11	0 57	4 22	0 37	19 19	0 1	11 22	17 1	4 16	4 47	18 4	9 13	0 7
T 20	18 14	10 8	3 42	21 11	1 40	16 42	1 27	23 41	0 46	19 38	0 34	18 9	0 57	4 23	0 37	19 18	0 1	11 22	17 1	4 12	4 46	18 4	9 14	0 7
F 21	17 58	6 7	2 44	21 18	1 29	16 19	1 28	23 37	0 47	19 35	0 34	18 7	0 57	4 24	0 37	19 18	0 1	11 21	17 1	4 10	4 45	18 5	9 14	0 7
S 22	17 42	1 53	1 39	21 24	1 18	15 55	1 28	23 33	0 48	19 31	0 34	18 5	0 57	4 24	0 37	19 17	0 1	11 21	17 0	4 8	4 44	18 5	9 15	0 7
S 23	17 25	2s18	0 31	21 30	1 7	15 31	1 28	23 28	0 48	19 28	0 34	18 4	0 57	4 25	0 37	19 16	0 1	11 20	17 0	4 7	4 42	18 5	9 15	0 7
M24	17 8	6 15	0n37	21 34	0 56	15 7	1 28	23 24	0 49	19 24	0 35	18 2	0 57	4 26	0 37	19 16	0 1	11 19	17 0	4 7	4 41	18 6	9 16	0 6
T 25	16 51	9 49	1 42	21 38	0 46	14 42	1 29	23 19	0 49	19 21	0 35	18 0	0 57	4 27	0 37	19 15	0 1	11 19	17 0	4 8	4 40	18 6	9 16	0 6
W26	16 33	12 54	2 40	21 40	0 35	14 16	1 29	23 13	0 50	19 17	0 35	17 58	0 57	4 28	0 37	19 15	0 1	11 18	16 59	4 8	4 39	18 6	9 17	0 6
T 27	16 15	15 22	3 31	21 42	0 25	13 51	1 29	23 8	0 50	19 14	0 35	17 56	0 57	4 29	0 37	19 14	0 1	11 18	16 59	4 8	4 37	18 7	9 18	0 6
F 28	15 57	17 11	4 12	21 42	0 15	13 24	1 29	23 2	0 51	19 10	0 35	17 54	0 57	4 30	0 37	19 14	0 1	11 17	16 59	4 7	4 36	18 7	9 18	0 6
S 29	15 39	18 14	4 43	21 42	0 6	12 58	1 28	22 56	0 52	19 7	0 35	17 52	0 58	4 30	0 37	19 13	0 1	11 16	16 58	4 5	4 35	18 7	9 19	0 6
S 30	15 20	18 30	5 1	21 40	0s 4	12 31	1 28	22 50	0 52	19 3	0 35	17 50	0 58	4 31	0 37	19 13	0 1	11 16	16 58	4 3	4 34	18 8	9 20	0 6
M31	15s 1	17s57	5n 6	21s37	0s13	12s 4	1s28	22s43	0s53	19s 0	0s35	17s48	0s58	4n32	0s37	19s12	0n 1	11s15	16s58	3s59	4s32	18s 8	9n20	0n 6

Julian Day Number = 2212319.5, Delta T = 09m16s
Ecliptic obliquity = 23°31'18, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°36'16, Lahiri = 14°43'16 Julian Calendar 1 Jan. 1345 == Greg. Calendar 9 Jan. 1345

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ASTRODIENST EPHEMERIS for the year 1345
geocentric

FEBRUARY 1345 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 16 13	20♒30'21	23♉35	25♉ 3	3♓32	21♉54	7♒51	13♒28	12♈56	4♒27	10♈56	9°R53	11♎23	15♐43	23♈47	T 1
W 2	9 20 10	21°30'51	5♒58	26°17	4°47	22°40	8° 5	13°35	12°58	4°29	10°57	9♎43	11°20	15°50	23°49	W 2
T 3	9 24 6	22°31'20	18°35	27°32	6° 2	23°26	8°19	13°42	13° 1	4°31	10°58	9°34	11°17	15°56	23°51	T 3
F 4	9 28 3	23°31'47	1♓24	28°49	7°17	24°12	8°33	13°50	13° 3	4°33	10°59	9°27	11°13	16° 3	23°53	F 4
S 5	9 31 59	24°32'12	14°25	0♒ 8	8°32	24°58	8°47	13°57	13° 6	4°36	11° 0	9°22	11°10	16°10	23°55	S 5
S 6	9 35 56	25°32'35	27°38	1°28	9°47	25°44	9° 1	14° 4	13° 8	4°38	11° 2	9°19	11° 7	16°17	23°58	S 6
M 7	9 39 52	26°32'57	11♈ 2	2°49	11° 1	26°30	9°15	14°11	13°11	4°40	11° 3	9°D19	11° 4	16°23	24° 0	M 7
T 8	9 43 49	27°33'17	24°37	4°12	12°16	27°17	9°29	14°18	13°13	4°42	11° 4	9°20	11° 1	16°30	24° 3	T 8
W 9	9 47 45	28°33'34	8♉23	5°36	13°31	28° 3	9°43	14°25	13°16	4°44	11° 5	9°21	10°58	16°37	24° 5	W 9
T 10	9 51 42	29°33'50	22°19	7° 1	14°46	28°49	9°57	14°32	13°19	4°46	11° 6	9°22	10°54	16°43	24° 8	T 10
F 11	9 55 38	0♓34'03	6♊25	8°28	16° 0	29°35	10°11	14°39	13°21	4°48	11° 7	9°R22	10°51	16°50	24°10	F 11
S 12	9 59 35	1°34'15	20°40	9°56	17°15	0♒22	10°25	14°46	13°24	4°50	11° 8	9°21	10°48	16°57	24°13	S 12
S 13	10 3 32	2°34'24	5♋ 1	11°25	18°30	1° 8	10°39	14°53	13°27	4°53	11° 9	9°17	10°45	17° 4	24°16	S 13
M14	10 7 28	3°34'31	19°25	12°55	19°44	1°54	10°53	15° 0	13°30	4°55	11°10	9°13	10°42	17°10	24°18	M14
T 15	10 11 25	4°34'36	3♌47	14°26	20°59	2°41	11° 6	15° 7	13°32	4°57	11°12	9° 7	10°39	17°17	24°21	T 15
W16	10 15 21	5°34'39	18° 2	15°58	22°13	3°27	11°20	15°14	13°35	4°59	11°13	9° 2	10°35	17°24	24°24	W16
T 17	10 19 18	6°34'40	2♍ 4	17°32	23°28	4°13	11°34	15°21	13°38	5° 1	11°14	8°57	10°32	17°30	24°27	T 17
F 18	10 23 14	7°34'38	15°49	19° 6	24°42	5° 0	11°47	15°28	13°41	5° 3	11°15	8°54	10°29	17°37	24°29	F 18
S 19	10 27 11	8°34'35	29°14	20°42	25°57	5°46	12° 1	15°35	13°44	5° 5	11°16	8°52	10°26	17°44	24°32	S 19
S 20	10 31 7	9°34'31	12♎19	22°19	27°11	6°33	12°14	15°42	13°47	5° 7	11°18	8°D52	10°23	17°51	24°35	S 20
M21	10 35 4	10°34'24	25° 2	23°57	28°25	7°19	12°28	15°49	13°50	5° 9	11°19	8°53	10°19	17°57	24°38	M21
T 22	10 39 1	11°34'15	7♏28	25°36	29°40	8° 6	12°41	15°55	13°53	5°11	11°20	8°54	10°16	18° 4	24°41	T 22
W23	10 42 57	12°34'05	19°38	27°17	0♈54	8°52	12°55	16° 2	13°56	5°12	11°21	8°56	10°13	18°11	24°44	W23
T 24	10 46 54	13°33'53	1♐37	28°58	2° 8	9°38	13° 8	16° 9	13°59	5°14	11°23	8°58	10°10	18°17	24°47	T 24
F 25	10 50 50	14°33'40	13°31	0♓41	3°23	10°25	13°21	16°15	14° 2	5°16	11°24	8°R58	10° 7	18°24	24°50	F 25
S 26	10 54 47	15°33'25	25°23	2°25	4°37	11°11	13°35	16°22	14° 5	5°18	11°25	8°58	10° 4	18°31	24°54	S 26
S 27	10 58 43	16°33'07	7♉19	4°10	5°51	11°58	13°48	16°29	14° 8	5°20	11°26	8°56	10° 0	18°37	24°57	S 27
M28	11 2 40	17♓32'49	19♉22	5♓56	7♈ 5	12♒45	14♒ 1	16♒35	14♈12	5♒22	11♈28	8♎54	9♎57	18♐44	25♈ 0	M28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	14s42	16s34	4n58	21s33	0s22	11s36	1s28	22s37	0s53	18s56	0s35	17s46	0s58	4n33	0s37	19s12	0n 1	11s15	16s57	3s56	4s31	18s 8	9n21	0n 6	T 1
W 2	14 23	14 24	4 35	21 28	0 30	11 9	1 27	22 30	0 54	18 53	0 35	17 44	0 58	4 34	0 37	19 11	0 1	11 14	16 57	3 52	4 30	18 9	9 22	0 6	W 2
T 3	14 3	11 31	3 59	21 21	0 38	10 40	1 27	22 22	0 54	18 49	0 36	17 42	0 58	4 35	0 37	19 11	0 1	11 13	16 57	3 48	4 29	18 9	9 22	0 6	T 3
F 4	13 43	8 3	3 10	21 13	0 46	10 12	1 26	22 15	0 55	18 46	0 36	17 40	0 58	4 36	0 37	19 10	0 1	11 13	16 57	3 45	4 27	18 9	9 23	0 6	F 4
S 5	13 23	4 9	2 10	21 4	0 54	9 43	1 26	22 7	0 56	18 42	0 36	17 38	0 58	4 37	0 37	19 10	0 1	11 12	16 56	3 44	4 26	18 10	9 24	0 5	S 5
S 6	13 3	0n 1	1 3	20 54	1 1	9 15	1 25	21 59	0 56	18 38	0 36	17 36	0 58	4 38	0 37	19 9	0 1	11 11	16 56	3 42	4 25	18 10	9 25	0 5	S 6
M 7	12 43	4 14	0s 9	20 42	1 8	8 45	1 24	21 51	0 57	18 35	0 36	17 34	0 58	4 39	0 37	19 9	0 1	11 11	16 56	3 42	4 24	18 10	9 26	0 5	M 7
T 8	12 22	8 18	1 22	20 29	1 15	8 16	1 24	21 43	0 57	18 31	0 36	17 32	0 58	4 40	0 37	19 8	0 1	11 10	16 56	3 42	4 22	18 10	9 26	0 5	T 8
W 9	12 1	11 58	2 31	20 15	1 21	7 47	1 23	21 34	0 58	18 28	0 36	17 30	0 58	4 41	0 37	19 8	0 1	11 10	16 55	3 43	4 21	18 11	9 27	0 5	W 9
T 10	11 40	15 0	3 32	19 59	1 27	7 17	1 22	21 25	0 58	18 24	0 36	17 28	0 59	4 42	0 37	19 7	0 1	11 9	16 55	3 44	4 20	18 11	9 28	0 5	T 10
F 11	11 19	17 10	4 21	19 42	1 33	6 47	1 21	21 16	0 59	18 20	0 37	17 26	0 59	4 44	0 37	19 7	0 1	11 8	16 55	3 44	4 19	18 11	9 29	0 5	F 11
S 12	10 57	18 18	4 55	19 24	1 38	6 17	1 20	21 6	0 59	18 17	0 37	17 24	0 59	4 45	0 37	19 6	0 1	11 8	16 55	3 43	4 17	18 12	9 30	0 5	S 12
S 13	10 36	18 16	5 10	19 4	1 43	5 46	1 19	20 57	1 0	18 13	0 37	17 22	0 59	4 46	0 37	19 6	0 1	11 7	16 54	3 42	4 16	18 12	9 31	0 5	S 13
M14	10 14	17 4	5 6	18 43	1 48	5 16	1 18	20 47	1 0	18 9	0 37	17 20	0 59	4 47	0 37	19 5	0 1	11 6	16 54	3 40	4 15	18 12	9 32	0 5	M14
T 15	9 52	14 47	4 43	18 20	1 52	4 45	1 16	20 37	1 1	18 6	0 37	17 18	0 59	4 48	0 37	19 5	0 1	11 6	16 54	3 38	4 14	18 12	9 33	0 5	T 15
W16	9 30	11 38	4 2	17 56	1 56	4 15	1 15	20 27	1 1	18 2	0 37	17 16	0 59	4 49	0 37	19 4	0 1	11 5	16 54	3 36	4 12	18 13	9 34	0 5	W16
T 17	9 8	7 51	3 7	17 31	1 59	3 44	1 14	20 16	1 2	17 58	0 37	17 14	0 59	4 50	0 37	19 4	0 1	11 4	16 54	3 34	4 11	18 13	9 34	0 4	T 17
F 18	8 45	3 44	2 3	17 5	2 2	3 13	1 12	20 5	1 2	17 55	0 37	17 12	0 59	4 51	0 37	19 3	0 1	11 4	16 53	3 32	4 10	18 13	9 35	0 4	F 18
S 19	8 23	0s30	0 52	16 37	2 5	2 42	1 11	19 54	1 3	17 51	0 38	17 10	0 59	4 53	0 37	19 3	0 1	11 3	16 53	3 32	4 9	18 13	9 36	0 4	S 19
S 20	8 0	4 35	0n19	16 7	2 7	2 11	1 9	19 43	1 3	17 47	0 38	17 8	0 59	4 54	0 37	19 2	0 1	11 2	16 53	3 32	4 7	18 14	9 37	0 4	S 20
M21	7 38	8 22	1 28	15 36	2 9	1 40	1 8	19 32	1 4	17 44	0 38	17 6	1 0	4 55	0 37	19 2	0 1	11 2	16 53	3 32	4 6	18 14	9 38	0 4	M21
T 22	7 15	11 41	2 31	15 4	2 10	1 9	1 6	19 20	1 4	17 40	0 38	17 4	1 0	4 56	0 36	19 1	0 1	11 1	16 53	3 33	4 5	18 14	9 40	0 4	T 22
W23	6 52	14 24	3 25	14 31	2 11	0 37	1 4	19 9	1 5	17 36	0 38	17 2	1 0	4 57	0 36	19 1	0 1	11 0	16 52	3 33	4 4	18 14	9 41	0 4	W23
T 24	6 29	16 28	4 10	13 56	2 12	0 6	1 3	18 57	1 5	17 33	0 38	17 0	1 0	4 59	0 36	19 1	0 1	11 0	16 52	3 34	4 2	18 15	9 42	0 4	T 24
F 25	6 6	17 48	4 44	13 19	2 12	0n25	1 1	18 45	1 6	17 29	0 38	16 58	1 0	5 0	0 36	19 0	0 1	10 59	16 52	3 34	4 1	18 15	9 43	0 4	F 25
S 26	5 43	18 21	5 6	12 42	2 12	0 56	0 59	18 32	1 6	17 25	0 38	16 56	1 0	5 1	0 36	19 0	0 1	10 59	16 52	3 34	4 0	18 15	9 44	0 4	S 26
S 27	5 20	18 5	5 14	12 3	2 11	1 28	0 57	18 20	1 7	17 21	0 39	16 55	1 0	5 2	0 36	18 59	0 1	10 58	16 52	3 33	3 59	18 15	9 45	0 4	S 27
M28	4s56	17s 1	5n 9	11s22	2s10	1n59	0s55	18s 7	1s 7	17s18	0s39	16s53	1s 0	5n 3	0s36	18s59	0n 1	10s57	16s52	3s32	3s57	18s16	9n46	0n 4	M28

Julian Day Number = 2212350.5, Delta T = 09m16s
Ecliptic obliquity = 23°31'19, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°36'20, Lahiri = 14°43'20 Julian Calendar 1 Feb. 1345 == Greg. Calendar 9 Feb. 1345

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ASTRODIENST EPHEMERIS for the year 1345
geocentric

MARCH 1345 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	11 6 36	18♓32'28	1♒38	7♓44	8♈19	13♒31	14♒14	16♒42	14♈15	5♒24	11♈29	8°R51	9♎54	18♐51	25♈ 3	T 1
W 2	11 10 33	19°32'05	14° 8	9°33	9°34	14°18	14°27	16°48	14°18	5°25	11°30	8♎48	9°51	18°58	25° 7	W 2
T 3	11 14 30	20°31'41	26°55	11°23	10°48	15° 4	14°40	16°55	14°21	5°27	11°32	8°45	9°48	19° 4	25°10	T 3
F 4	11 18 26	21°31'14	10♓ 0	13°14	12° 2	15°51	14°53	17° 1	14°24	5°29	11°33	8°43	9°44	19°11	25°13	F 4
S 5	11 22 23	22°30'46	23°22	15° 7	13°16	16°37	15° 6	17° 7	14°28	5°30	11°34	8°41	9°41	19°18	25°17	S 5
S 6	11 26 19	23°30'15	7♈ 0	17° 1	14°30	17°24	15°19	17°14	14°31	5°32	11°36	8°D41	9°38	19°24	25°20	S 6
M 7	11 30 16	24°29'43	20°51	18°56	15°44	18°10	15°31	17°20	14°34	5°34	11°37	8°41	9°35	19°31	25°23	M 7
T 8	11 34 12	25°29'08	4♉52	20°52	16°57	18°57	15°44	17°26	14°37	5°35	11°38	8°42	9°32	19°38	25°27	T 8
W 9	11 38 9	26°28'31	19° 1	22°50	18°11	19°43	15°56	17°32	14°41	5°37	11°40	8°43	9°29	19°45	25°30	W 9
T 10	11 42 5	27°27'51	3♊13	24°48	19°25	20°30	16° 9	17°39	14°44	5°39	11°41	8°44	9°25	19°51	25°34	T 10
F 11	11 46 2	28°27'10	17°28	26°48	20°39	21°17	16°21	17°45	14°47	5°40	11°43	8°44	9°22	19°58	25°37	F 11
S 12	11 49 58	29°26'26	1♋41	28°49	21°53	22° 3	16°34	17°51	14°51	5°42	11°44	8°R44	9°19	20° 5	25°41	S 12
S 13	11 53 55	0♈25'39	15°50	0♈51	23° 6	22°50	16°46	17°57	14°54	5°43	11°45	8°44	9°16	20°11	25°44	S 13
M14	11 57 52	1°24'50	29°54	2°53	24°20	23°36	16°58	18° 3	14°57	5°45	11°47	8°44	9°13	20°18	25°48	M14
T 15	12 1 48	2°23'59	13♌49	4°57	25°34	24°23	17°10	18° 8	15° 1	5°46	11°48	8°43	9°10	20°25	25°52	T 15
W16	12 5 45	3°23'05	27°35	7° 0	26°47	25° 9	17°22	18°14	15° 4	5°48	11°50	8°42	9° 6	20°32	25°55	W16
T 17	12 9 41	4°22'10	11♍ 9	9° 5	28° 1	25°56	17°34	18°20	15° 8	5°49	11°51	8°42	9° 3	20°38	25°59	T 17
F 18	12 13 38	5°21'11	24°29	11° 9	29°14	26°42	17°46	18°26	15°11	5°50	11°52	8°41	9° 0	20°45	26° 3	F 18
S 19	12 17 34	6°20'11	7♎34	13°13	0♉28	27°29	17°58	18°31	15°14	5°52	11°54	8°D41	8°57	20°52	26° 6	S 19
S 20	12 21 31	7°19'09	20°24	15°16	1°41	28°15	18°10	18°37	15°18	5°53	11°55	8°41	8°54	20°58	26°10	S 20
M21	12 25 27	8°18'05	2♏58	17°19	2°54	29° 2	18°21	18°43	15°21	5°54	11°57	8°R41	8°50	21° 5	26°14	M21
T 22	12 29 24	9°16'58	15°19	19°21	4° 8	29°48	18°33	18°48	15°25	5°56	11°58	8°41	8°47	21°12	26°17	T 22
W23	12 33 21	10°15'50	27°28	21°22	5°21	0♓35	18°44	18°53	15°28	5°57	12° 0	8°41	8°44	21°19	26°21	W23
T 24	12 37 17	11°14'41	9♐28	23°20	6°34	1°21	18°56	18°59	15°31	5°58	12° 1	8°41	8°41	21°25	26°25	T 24
F 25	12 41 14	12°13'29	21°22	25°17	7°47	2° 8	19° 7	19° 4	15°35	5°59	12° 2	8°41	8°38	21°32	26°29	F 25
S 26	12 45 10	13°12'16	3♑15	27°11	9° 1	2°54	19°18	19° 9	15°38	6° 1	12° 4	8°40	8°35	21°39	26°32	S 26
S 27	12 49 7	14°11'01	15°11	29° 2	10°14	3°41	19°29	19°14	15°42	6° 2	12° 5	8°D40	8°31	21°46	26°36	S 27
M28	12 53 3	15° 9'44	27°14	0♉51	11°27	4°27	19°40	19°20	15°45	6° 3	12° 7	8°40	8°28	21°52	26°40	M28
T 29	12 57 0	16° 8'25	9♒30	2°35	12°40	5°14	19°51	19°25	15°49	6° 4	12° 8	8°41	8°25	21°59	26°44	T 29
W30	13 0 56	17° 7'05	22° 1	4°16	13°53	6° 0	20° 2	19°29	15°52	6° 5	12° 9	8°42	8°22	22° 6	26°48	W30
T 31	13 4 53	18♈ 5'43	4♓52	5♉53	15♉ 6	6♓46	20♒13	19♒34	15♈55	6♒ 6	12♈11	8♎42	8♎19	22♐12	26♈51	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	4s33	15s 9	4n50	10s40	2s 8	2n30	0s53	17s54	1s 7	17s14	0s39	16s51	1s 0	5n 5	0s36	18s58	0n 1	10s57	16s51	3s31	3s56	18s16	9n47	0n 4
W 2	4 9	12 32	4 17	9 57	2 6	3 1	0 51	17 41	1 8	17 10	0 39	16 49	1 1	5 6	0 36	18 58	0 1	10 56	16 51	3 30	3 55	18 16	9 48	0 3
T 3	3 46	9 17	3 30	9 13	2 3	3 32	0 49	17 28	1 8	17 7	0 39	16 47	1 1	5 7	0 36	18 57	0 1	10 55	16 51	3 29	3 54	18 16	9 49	0 3
F 4	3 22	5 30	2 32	8 27	2 0	4 3	0 47	17 14	1 9	17 3	0 39	16 45	1 1	5 8	0 36	18 57	0 1	10 55	16 51	3 28	3 52	18 17	9 51	0 3
S 5	2 59	1 22	1 24	7 40	1 56	4 34	0 45	17 0	1 9	17 0	0 39	16 43	1 1	5 10	0 36	18 57	0 1	10 54	16 51	3 27	3 51	18 17	9 52	0 3
S 6	2 35	2n56	0 9	6 51	1 52	5 5	0 42	16 47	1 10	16 56	0 40	16 42	1 1	5 11	0 36	18 56	0 1	10 53	16 51	3 27	3 50	18 17	9 53	0 3
M 7	2 12	7 8	1s 7	6 2	1 47	5 36	0 40	16 33	1 10	16 52	0 40	16 40	1 1	5 12	0 36	18 56	0 1	10 53	16 51	3 27	3 49	18 17	9 54	0 3
T 8	1 48	10 59	2 20	5 11	1 41	6 6	0 38	16 19	1 10	16 49	0 40	16 38	1 1	5 14	0 36	18 55	0 1	10 52	16 51	3 28	3 47	18 17	9 55	0 3
W 9	1 24	14 15	3 25	4 19	1 36	6 37	0 35	16 4	1 11	16 45	0 40	16 36	1 1	5 15	0 36	18 55	0 1	10 52	16 50	3 28	3 46	18 18	9 56	0 3
T 10	1 1	16 39	4 18	3 26	1 29	7 7	0 33	15 50	1 11	16 41	0 40	16 35	1 2	5 16	0 36	18 55	0 1	10 51	16 50	3 28	3 45	18 18	9 58	0 3
F 11	0 37	18 2	4 55	2 32	1 22	7 37	0 30	15 35	1 12	16 38	0 40	16 33	1 2	5 17	0 36	18 54	0 1	10 50	16 50	3 29	3 44	18 18	9 59	0 3
S 12	0 13	18 16	5 14	1 37	1 15	8 7	0 28	15 20	1 12	16 34	0 41	16 31	1 2	5 19	0 36	18 54	0 1	10 50	16 50	3 29	3 42	18 18	10 0	0 3
S 13	0n10	17 23	5 14	0 41	1 7	8 37	0 25	15 6	1 12	16 31	0 41	16 29	1 2	5 20	0 36	18 54	0 1	10 49	16 50	3 29	3 41	18 18	10 1	0 3
M14	0 34	15 26	4 56	0n16	0 58	9 7	0 23	14 50	1 13	16 27	0 41	16 28	1 2	5 21	0 36	18 53	0 1	10 49	16 50	3 28	3 40	18 19	10 3	0 3
T 15	0 57	12 36	4 19	1 13	0 49	9 36	0 20	14 35	1 13	16 24	0 41	16 26	1 2	5 23	0 36	18 53	0 1	10 48	16 50	3 28	3 39	18 19	10 4	0 2
W16	1 21	9 5	3 29	2 11	0 40	10 5	0 18	14 20	1 13	16 20	0 41	16 24	1 2	5 24	0 36	18 53	0 1	10 47	16 50	3 28	3 37	18 19	10 5	0 2
T 17	1 45	5 9	2 27	3 9	0 30	10 34	0 15	14 4	1 14	16 17	0 41	16 23	1 3	5 25	0 36	18 52	0 1	10 47	16 50	3 27	3 36	18 19	10 6	0 2
F 18	2 8	1 0	1 18	4 7	0 20	11 3	0 12	13 49	1 14	16 13	0 42	16 21	1 3	5 27	0 36	18 52	0 1	10 46	16 50	3 27	3 35	18 19	10 8	0 2
S 19	2 31	3s 6	0 6	5 6	0 9	11 31	0 10	13 33	1 14	16 10	0 42	16 19	1 3	5 28	0 36	18 52	0 1	10 46	16 50	3 27	3 34	18 19	10 9	0 2
S 20	2 55	7 0	1n 5	6 4	0n 2	11 59	0 7	13 17	1 15	16 6	0 42	16 18	1 3	5 29	0 36	18 51	0 1	10 45	16 50	3 27	3 32	18 20	10 10	0 2
M21	3 18	10 30	2 11	7 1	0 13	12 27	0 4	13 1	1 15	16 3	0 42	16 16	1 3	5 31	0 36	18 51	0 1	10 44	16 50	3 27	3 31	18 20	10 11	0 2
T 22	3 41	13 28	3 10	7 58	0 24	12 55	0 2	12 45	1 15	15 59	0 42	16 15	1 3	5 32	0 36	18 51	0 1	10 44	16 50	3 27	3 30	18 20	10 13	0 2
W23	4 5	15 47	3 59	8 55	0 36	13 22	0n 1	12 29	1 16	15 56	0 42	16 13	1 3	5 33	0 36	18 50	0 1	10 43	16 50	3 27	3 28	18 20	10 14	0 2
T 24	4 28	17 23	4 37	9 50	0 47	13 49	0 4	12 13	1 16	15 53	0 43	16 11	1 4	5 35	0 36	18 50	0 1	10 43	16 50	3 27	3 27	18 20	10 15	0 2
F 25	4 51	18 12	5 3	10 43	0 58	14 16	0 7	11 56	1 16	15 49	0 43	16 10	1 4	5 36	0 36	18 50	0 1	10 42	16 50	3 27	3 26	18 20	10 17	0 2
S 26	5 14	18 13	5 16	11 35	1 10	14 42	0 10	11 40	1 16	15 46	0 43	16 8	1 4	5 37	0 36	18 49	0 1	10 42	16 50	3 27	3 25	18 21	10 18	0 2
S 27	5 37	17 26	5 15	12 25	1 20	15 8	0 12	11 23	1 17	15 43	0 43	16 7	1 4	5 39	0 36	18 49	0 1	10 41	16 50	3 27	3 23	18 21	10 19	0 2
M28	6 0	15 52	5 1	13 14	1 31	15 34	0 15	11 6	1 17	15 39	0 43	16 6	1 4	5 40	0 36	18 49	0 1	10 41	16 50	3 27	3 22	18 21	10 20	0 1
T 29	6 22	13 33	4 33	14 0	1 41	15 59	0 18	10 49	1 17	15 36	0 44	16 4	1 4	5 41	0 36	18 49	0 1	10 40	16 50	3 27	3 21	18 21	10 22	0 1
W30	6 45	10 34	3 51	14 44	1 51	16 24	0 21	10 33	1 18	15 33	0 44	16 3	1 4	5 43	0 36	18 48	0 1	10 40	16 50	3 28	3 20	18 21	10 23	0 1
T 31	7n 7	7s 1	2n57	15n25	2n 0	16n48	0n24	10s15	1s18	15s30	0s44	16s 1	1s 5	5n44	0s36	18s48	0n 1	10s39	16s50	3s28	3s18	18s21	10n24	0n 1

Julian Day Number = 2212378.5, Delta T = 09m16s
Ecliptic obliquity = 23°31'19, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°36'24, Lahiri = 14°43'24 Julian Calendar 1 March 1345 == Greg. Calendar 9 March 1345

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ASTRODIENST EPHEMERIS for the year 1345
geocentric

APRIL 1345 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	13 8 50	19♈ 4'19	18♓ 5	7♉26	16♉18	7♓33	20♒23	19♒39	15♈59	6♒ 7	12♈12	8♎43	8♎16	22♐19	26♈55	F 1
S 2	13 12 46	20° 2'53	1♈41	8°55	17°31	8°19	20°34	19°44	16° 2	6° 8	12°14	8°R44	8°12	22°26	26°59	S 2
S 3	13 16 43	21° 1'25	15°38	10°19	18°44	9° 6	20°44	19°49	16° 6	6° 9	12°15	8°44	8° 9	22°33	27° 3	S 3
M 4	13 20 39	21°59'56	29°54	11°38	19°57	9°52	20°54	19°53	16° 9	6°10	12°16	8°43	8° 6	22°39	27° 7	M 4
T 5	13 24 36	22°58'24	14♉23	12°53	21° 9	10°38	21° 5	19°58	16°13	6°10	12°18	8°42	8° 3	22°46	27°11	T 5
W 6	13 28 32	23°56'51	29° 0	14° 2	22°22	11°25	21°15	20° 2	16°16	6°11	12°19	8°40	8° 0	22°53	27°15	W 6
T 7	13 32 29	24°55'16	13♊38	15° 7	23°35	12°11	21°25	20° 7	16°19	6°12	12°21	8°38	7°56	22°59	27°18	T 7
F 8	13 36 25	25°53'38	28°11	16° 6	24°47	12°57	21°35	20°11	16°23	6°13	12°22	8°36	7°53	23° 6	27°22	F 8
S 9	13 40 22	26°51'59	12♋35	17° 1	26° 0	13°43	21°44	20°15	16°26	6°14	12°23	8°35	7°50	23°13	27°26	S 9
S 10	13 44 19	27°50'17	26°45	17°50	27°12	14°29	21°54	20°19	16°30	6°14	12°25	8°D34	7°47	23°20	27°30	S 10
M11	13 48 15	28°48'33	10♌40	18°33	28°24	15°16	22° 3	20°23	16°33	6°15	12°26	8°35	7°44	23°26	27°34	M11
T 12	13 52 12	29°46'47	24°19	19°12	29°37	16° 2	22°13	20°27	16°36	6°15	12°28	8°36	7°41	23°33	27°38	T 12
W13	13 56 8	0♉44'59	7♍43	19°44	0♊49	16°48	22°22	20°31	16°40	6°16	12°29	8°37	7°37	23°40	27°42	W13
T 14	14 0 5	1°43'08	20°53	20°12	2° 1	17°34	22°31	20°35	16°43	6°17	12°30	8°39	7°34	23°46	27°46	T 14
F 15	14 4 1	2°41'16	3♎49	20°34	3°13	18°20	22°40	20°39	16°47	6°17	12°32	8°R40	7°31	23°53	27°49	F 15
S 16	14 7 58	3°39'22	16°32	20°50	4°25	19° 6	22°49	20°43	16°50	6°18	12°33	8°39	7°28	24° 0	27°53	S 16
S 17	14 11 54	4°37'26	29° 4	21° 1	5°37	19°52	22°58	20°46	16°53	6°18	12°34	8°38	7°25	24° 7	27°57	S 17
M18	14 15 51	5°35'29	11♏25	21° 7	6°49	20°38	23° 6	20°50	16°56	6°19	12°36	8°35	7°21	24°13	28° 1	M18
T 19	14 19 47	6°33'30	23°37	21°R 7	8° 1	21°24	23°15	20°53	17° 0	6°19	12°37	8°31	7°18	24°20	28° 5	T 19
W20	14 23 44	7°31'29	5♐41	21° 3	9°13	22°10	23°23	20°56	17° 3	6°19	12°38	8°27	7°15	24°27	28° 9	W20
T 21	14 27 41	8°29'27	17°38	20°54	10°25	22°56	23°31	21° 0	17° 6	6°20	12°40	8°21	7°12	24°33	28°13	T 21
F 22	14 31 37	9°27'23	29°32	20°40	11°36	23°42	23°39	21° 3	17°10	6°20	12°41	8°16	7° 9	24°40	28°16	F 22
S 23	14 35 34	10°25'18	11♑24	20°21	12°48	24°28	23°47	21° 6	17°13	6°20	12°42	8°12	7° 6	24°47	28°20	S 23
S 24	14 39 30	11°23'12	23°19	19°59	14° 0	25°13	23°55	21° 9	17°16	6°21	12°43	8° 9	7° 2	24°54	28°24	S 24
M25	14 43 27	12°21'04	5♒21	19°34	15°11	25°59	24° 3	21°12	17°19	6°21	12°45	8° 8	6°59	25° 0	28°28	M25
T 26	14 47 23	13°18'56	17°34	19° 5	16°23	26°45	24°10	21°15	17°22	6°21	12°46	8°D 7	6°56	25° 7	28°32	T 26
W27	14 51 20	14°16'45	0♓ 2	18°34	17°34	27°31	24°18	21°17	17°26	6°21	12°47	8° 8	6°53	25°14	28°35	W27
T 28	14 55 16	15°14'34	12°51	18° 2	18°45	28°16	24°25	21°20	17°29	6°21	12°48	8°10	6°50	25°21	28°39	T 28
F 29	14 59 13	16°12'21	26° 4	17°27	19°57	29° 2	24°32	21°22	17°32	6°21	12°50	8°11	6°47	25°27	28°43	F 29
S 30	15 3 10	17♉10'07	9♈44	16♉52	21♊ 8	29♓47	24♒39	21♒25	17♈35	6♒21	12♈51	8°R12	6♎43	25♐34	28♈47	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	7n30	3s 1	1n52	16n 4	2n 9	17n12	0n27	9s58	1s18	15s26	0s44	16s 0	1s 5	5n45	0s36	18s48	0n 1	10s39	16s50	3s28	3s17	18s21	10n26	0n 1
S 2	7 52	1n16	0 39	16 41	2 17	17 35	0 29	9 41	1 18	15 23	0 44	15 59	1 5	5 47	0 36	18 48	0 1	10 38	16 50	3 28	3 16	18 22	10 27	0 1
S 3	8 14	5 35	0s38	17 14	2 24	17 58	0 32	9 24	1 18	15 20	0 45	15 57	1 5	5 48	0 36	18 48	0 1	10 38	16 50	3 28	3 15	18 22	10 28	0 1
M 4	8 36	9 41	1 54	17 46	2 30	18 21	0 35	9 7	1 19	15 17	0 45	15 56	1 5	5 49	0 36	18 47	0 1	10 37	16 50	3 28	3 13	18 22	10 30	0 1
T 5	8 58	13 16	3 5	18 14	2 36	18 43	0 38	8 49	1 19	15 14	0 45	15 55	1 5	5 51	0 36	18 47	0 1	10 37	16 50	3 28	3 12	18 22	10 31	0 1
W 6	9 19	16 3	4 3	18 40	2 41	19 5	0 41	8 32	1 19	15 11	0 45	15 53	1 6	5 52	0 36	18 47	0 1	10 36	16 50	3 27	3 11	18 22	10 32	0 1
T 7	9 41	17 47	4 46	19 3	2 44	19 26	0 44	8 14	1 19	15 8	0 45	15 52	1 6	5 53	0 36	18 47	0 0	10 36	16 50	3 26	3 10	18 22	10 34	0 1
F 8	10 2	18 20	5 10	19 23	2 47	19 47	0 46	7 56	1 19	15 5	0 46	15 51	1 6	5 55	0 36	18 47	0 0	10 35	16 50	3 25	3 8	18 22	10 35	0 1
S 9	10 23	17 42	5 15	19 40	2 49	20 7	0 49	7 39	1 20	15 2	0 46	15 50	1 6	5 56	0 36	18 46	0 0	10 35	16 50	3 25	3 7	18 22	10 36	0 1
S 10	10 44	15 58	5 0	19 55	2 49	20 27	0 52	7 21	1 20	14 59	0 46	15 49	1 6	5 57	0 36	18 46	0 0	10 34	16 50	3 25	3 6	18 23	10 38	0 1
M11	11 5	13 20	4 28	20 7	2 49	20 46	0 55	7 3	1 20	14 56	0 46	15 47	1 6	5 58	0 36	18 46	0 0	10 34	16 50	3 25	3 5	18 23	10 39	0 0
T 12	11 26	10 0	3 41	20 16	2 47	21 4	0 57	6 45	1 20	14 53	0 46	15 46	1 7	6 0	0 36	18 46	0 0	10 33	16 50	3 25	3 3	18 23	10 40	0 0
W13	11 46	6 12	2 42	20 22	2 45	21 22	1 0	6 28	1 20	14 50	0 47	15 45	1 7	6 1	0 36	18 46	0 0	10 33	16 50	3 26	3 2	18 23	10 42	0 0
T 14	12 7	2 9	1 36	20 26	2 41	21 40	1 3	6 10	1 20	14 48	0 47	15 44	1 7	6 2	0 36	18 46	0 0	10 33	16 51	3 26	3 1	18 23	10 43	0 0
F 15	12 27	1s56	0 27	20 27	2 36	21 57	1 6	5 52	1 20	14 45	0 47	15 43	1 7	6 4	0 36	18 46	0 0	10 32	16 51	3 27	3 0	18 23	10 44	0 0
S 16	12 47	5 51	0n43	20 26	2 30	22 13	1 8	5 34	1 21	14 42	0 47	15 42	1 7	6 5	0 36	18 45	0 0	10 32	16 51	3 27	2 58	18 23	10 46	0 0
S 17	13 6	9 28	1 50	20 21	2 22	22 29	1 11	5 16	1 21	14 40	0 48	15 41	1 7	6 6	0 36	18 45	0 0	10 31	16 51	3 26	2 57	18 23	10 47	0s 0
M18	13 26	12 37	2 50	20 15	2 14	22 44	1 13	4 58	1 21	14 37	0 48	15 40	1 8	6 7	0 36	18 45	0 0	10 31	16 51	3 25	2 56	18 23	10 48	0 0
T 19	13 45	15 10	3 42	20 5	2 4	22 58	1 16	4 39	1 21	14 34	0 48	15 39	1 8	6 9	0 36	18 45	0 0	10 31	16 51	3 23	2 55	18 23	10 50	0 0
W20	14 4	17 1	4 23	19 54	1 53	23 12	1 18	4 21	1 21	14 32	0 48	15 38	1 8	6 10	0 36	18 45	0 0	10 30	16 51	3 22	2 53	18 23	10 51	0 0
T 21	14 23	18 6	4 52	19 39	1 41	23 25	1 21	4 3	1 21	14 29	0 48	15 37	1 8	6 11	0 36	18 45	0 0	10 30	16 51	3 20	2 52	18 24	10 52	0 0
F 22	14 42	18 23	5 8	19 23	1 28	23 38	1 23	3 45	1 21	14 27	0 49	15 37	1 8	6 12	0 36	18 45	0 0	10 30	16 52	3 18	2 51	18 24	10 53	0 0
S 23	15 0	17 51	5 11	19 5	1 14	23 50	1 26	3 27	1 21	14 24	0 49	15 36	1 9	6 14	0 36	18 45	0 0	10 29	16 52	3 16	2 49	18 24	10 55	0 0
S 24	15 18	16 33	5 1	18 44	0 59	24 1	1 28	3 9	1 21	14 22	0 49	15 35	1 9	6 15	0 36	18 45	0 0	10 29	16 52	3 15	2 48	18 24	10 56	0 1
M25	15 36	14 30	4 38	18 22	0 43	24 11	1 30	2 50	1 21	14 20	0 49	15 34	1 9	6 16	0 36	18 45	0 0	10 28	16 52	3 14	2 47	18 24	10 57	0 1
T 26	15 53	11 47	4 1	17 59	0 27	24 21	1 32	2 32	1 21	14 17	0 50	15 34	1 9	6 17	0 36	18 45	0 0	10 28	16 52	3 14	2 46	18 24	10 59	0 1
W27	16 11	8 29	3 13	17 34	0 10	24 31	1 35	2 14	1 21	14 15	0 50	15 33	1 9	6 19	0 36	18 45	0 0	10 28	16 52	3 14	2 44	18 24	11 0	0 1
T 28	16 28	4 42	2 14	17 8	0s 8	24 39	1 37	1 56	1 21	14 13	0 50	15 32	1 9	6 20	0 36	18 45	0 0	10 28	16 53	3 15	2 43	18 24	11 1	0 1
F 29	16 45	0 34	1 6	16 42	0 25	24 47	1 39	1 38	1 21	14 11	0 50	15 32	1 10	6 21	0 36	18 45	0 0	10 27	16 53	3 15	2 42	18 24	11 2	0 1
S 30	17n 1	3n44	0s 8	16n15	0s42	24n54	1n41	1s19	1s21	14s 9	0s51	15s31	1s10	6n22	0s36	18s45	0n 0	10s27	16s53	3s16	2s41	18s24	11n 4	0s 1

Julian Day Number = 2212409.5, Delta T = 09m16s
Ecliptic obliquity = 23°31'19, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°36'28, Lahiri = 14°43'28 Julian Calendar 1 Apr. 1345 == Greg. Calendar 9 Apr. 1345

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ASTRODIENST EPHEMERIS for the year 1345
geocentric

MAY 1345 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	15 7 6	18♉ 7'52	23♈49	16°R17	22♊19	0♈33	24♒46	21♒27	17♈38	6°R21	12♈52	8°R11	6♎40	25♐41	28♈50	S 1
M 2	15 11 3	19° 5'36	8♉20	15♉43	23°30	1°19	24°52	21°29	17°41	6♒21	12°53	8♎ 8	6°37	25°47	28°54	M 2
T 3	15 14 59	20° 3'19	23° 9	15° 9	24°41	2° 4	24°59	21°32	17°44	6°21	12°54	8° 3	6°34	25°54	28°58	T 3
W 4	15 18 56	21° 1'00	8♊10	14°38	25°52	2°49	25° 5	21°34	17°47	6°21	12°56	7°57	6°31	26° 1	29° 1	W 4
T 5	15 22 52	21°58'40	23°13	14° 8	27° 3	3°35	25°11	21°36	17°50	6°21	12°57	7°51	6°27	26° 8	29° 5	T 5
F 6	15 26 49	22°56'18	8♋ 9	13°41	28°14	4°20	25°17	21°38	17°53	6°21	12°58	7°45	6°24	26°14	29° 9	F 6
S 7	15 30 45	23°53'55	22°49	13°17	29°24	5° 5	25°23	21°39	17°56	6°21	12°59	7°40	6°21	26°21	29°12	S 7
S 8	15 34 42	24°51'31	7♌ 9	12°57	0♋35	5°51	25°29	21°41	17°59	6°20	13° 0	7°37	6°18	26°28	29°16	S 8
M 9	15 38 39	25°49'05	21° 7	12°40	1°46	6°36	25°34	21°43	18° 2	6°20	13° 1	7°D35	6°15	26°34	29°19	M 9
T 10	15 42 35	26°46'37	4♍41	12°27	2°56	7°21	25°40	21°44	18° 5	6°20	13° 2	7°35	6°12	26°41	29°23	T 10
W11	15 46 32	27°44'08	17°54	12°19	4° 6	8° 6	25°45	21°46	18° 8	6°20	13° 3	7°36	6° 8	26°48	29°27	W11
T 12	15 50 28	28°41'37	0♎49	12°D14	5°17	8°51	25°50	21°47	18°10	6°19	13° 4	7°37	6° 5	26°55	29°30	T 12
F 13	15 54 25	29°39'06	13°28	12°15	6°27	9°36	25°55	21°48	18°13	6°19	13° 6	7°R37	6° 2	27° 1	29°34	F 13
S 14	15 58 21	0♊36'33	25°55	12°19	7°37	10°21	26° 0	21°49	18°16	6°18	13° 7	7°36	5°59	27° 8	29°37	S 14
S 15	16 2 18	1°33'58	8♏11	12°28	8°47	11° 6	26° 4	21°50	18°19	6°18	13° 8	7°32	5°56	27°15	29°40	S 15
M16	16 6 14	2°31'23	20°20	12°42	9°57	11°51	26° 8	21°51	18°21	6°18	13° 9	7°25	5°53	27°22	29°44	M16
T 17	16 10 11	3°28'47	2♐22	13° 0	11° 7	12°35	26°13	21°52	18°24	6°17	13°10	7°17	5°49	27°28	29°47	T 17
W18	16 14 8	4°26'10	14°20	13°22	12°17	13°20	26°16	21°53	18°27	6°17	13°11	7° 7	5°46	27°35	29°51	W18
T 19	16 18 4	5°23'32	26°14	13°49	13°26	14° 5	26°20	21°53	18°29	6°16	13°11	6°56	5°43	27°42	29°54	T 19
F 20	16 22 1	6°20'53	8♑ 6	14°20	14°36	14°49	26°24	21°54	18°32	6°15	13°12	6°45	5°40	27°48	29°57	F 20
S 21	16 25 57	7°18'13	19°59	14°56	15°45	15°34	26°27	21°54	18°34	6°15	13°13	6°35	5°37	27°55	0♉ 1	S 21
S 22	16 29 54	8°15'33	1♒55	15°35	16°55	16°18	26°31	21°55	18°37	6°14	13°14	6°28	5°33	28° 2	0° 4	S 22
M23	16 33 50	9°12'52	13°56	16°18	18° 4	17° 3	26°34	21°55	18°39	6°13	13°15	6°22	5°30	28° 9	0° 7	M23
T 24	16 37 47	10°10'11	26° 8	17° 6	19°13	17°47	26°37	21°55	18°42	6°13	13°16	6°19	5°27	28°15	0°10	T 24
W25	16 41 43	11° 7'29	8♓34	17°57	20°22	18°32	26°39	21°R55	18°44	6°12	13°17	6°D18	5°24	28°22	0°13	W25
T 26	16 45 40	12° 4'47	21°18	18°52	21°31	19°16	26°42	21°55	18°47	6°11	13°18	6°19	5°21	28°29	0°16	T 26
F 27	16 49 37	13° 2'04	4♈26	19°50	22°40	20° 0	26°44	21°55	18°49	6°10	13°18	6°R19	5°18	28°35	0°20	F 27
S 28	16 53 33	13°59'21	18° 1	20°52	23°49	20°44	26°46	21°54	18°51	6°10	13°19	6°19	5°14	28°42	0°23	S 28
S 29	16 57 30	14°56'38	2♉ 5	21°58	24°57	21°28	26°48	21°54	18°53	6° 9	13°20	6°16	5°11	28°49	0°26	S 29
M30	17 1 26	15°53'54	16°37	23° 7	26° 6	22°12	26°50	21°54	18°56	6° 8	13°21	6°11	5° 8	28°56	0°29	M30
T 31	17 5 23	16♊51'10	1♊32	24♉20	27♋14	22♈56	26♒52	21♒53	18♈58	6♒ 7	13♈22	6♎ 4	5♎ 5	29♐ 2	0♉32	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17n17	7n59	1s24	15n49	1s 0	25n 1	1n43	1s 1	1s21	14s 7	0s51	15s30	1s10	6n23	0s36	18s45	0n 0	10s27	16s53	3s15	2s39	18s24	11n 5	0s 1
M 2	17 33	11 52	2 36	15 22	1 17	25 6	1 45	0 43	1 21	14 5	0 51	15 30	1 10	6 24	0 36	18 45	0 0	10 26	16 53	3 14	2 38	18 24	11 6	0 1
T 3	17 49	15 5	3 39	14 57	1 34	25 11	1 47	0 25	1 21	14 3	0 51	15 29	1 10	6 26	0 36	18 45	0 0	10 26	16 54	3 12	2 37	18 24	11 7	0 1
W 4	18 4	17 20	4 28	14 32	1 50	25 16	1 48	0 7	1 21	14 1	0 52	15 29	1 11	6 27	0 36	18 45	0 0	10 26	16 54	3 10	2 36	18 24	11 9	0 1
T 5	18 19	18 23	4 59	14 9	2 5	25 19	1 50	0n11	1 21	13 59	0 52	15 28	1 11	6 28	0 36	18 45	0 0	10 26	16 54	3 7	2 34	18 24	11 10	0 1
F 6	18 34	18 8	5 8	13 47	2 19	25 22	1 52	0 30	1 21	13 57	0 52	15 28	1 11	6 29	0 36	18 45	0 0	10 25	16 54	3 5	2 33	18 24	11 11	0 1
S 7	18 49	16 41	4 58	13 27	2 33	25 25	1 53	0 48	1 21	13 55	0 52	15 27	1 11	6 30	0 36	18 45	0 0	10 25	16 54	3 3	2 32	18 24	11 12	0 2
S 8	19 3	14 13	4 29	13 9	2 46	25 26	1 55	1 6	1 21	13 54	0 53	15 27	1 11	6 31	0 36	18 45	0 0	10 25	16 55	3 2	2 31	18 24	11 14	0 2
M 9	19 17	10 58	3 44	12 53	2 57	25 27	1 56	1 24	1 21	13 52	0 53	15 27	1 12	6 32	0 36	18 45	0 0	10 25	16 55	3 1	2 29	18 24	11 15	0 2
T 10	19 30	7 13	2 48	12 39	3 8	25 27	1 58	1 42	1 20	13 51	0 53	15 26	1 12	6 33	0 36	18 45	0 0	10 25	16 55	3 1	2 28	18 24	11 16	0 2
W11	19 43	3 12	1 44	12 27	3 17	25 26	1 59	2 0	1 20	13 49	0 53	15 26	1 12	6 34	0 36	18 45	0 0	10 24	16 55	3 2	2 27	18 24	11 17	0 2
T 12	19 56	0s53	0 37	12 18	3 25	25 25	2 0	2 18	1 20	13 48	0 54	15 26	1 12	6 36	0 36	18 45	0 0	10 24	16 56	3 2	2 26	18 24	11 18	0 2
F 13	20 9	4 51	0n31	12 12	3 32	25 23	2 1	2 35	1 20	13 46	0 54	15 26	1 12	6 37	0 36	18 45	0 0	10 24	16 56	3 2	2 24	18 24	11 19	0 2
S 14	20 21	8 33	1 37	12 7	3 38	25 20	2 3	2 53	1 20	13 45	0 54	15 26	1 13	6 38	0 36	18 46	0 0	10 24	16 56	3 1	2 23	18 24	11 21	0 2
S 15	20 33	11 49	2 36	12 6	3 43	25 17	2 4	3 11	1 20	13 44	0 55	15 25	1 13	6 39	0 36	18 46	0 0	10 24	16 56	3 0	2 22	18 24	11 22	0 2
M16	20 44	14 33	3 28	12 6	3 47	25 13	2 4	3 29	1 20	13 42	0 55	15 25	1 13	6 40	0 36	18 46	0 0	10 24	16 57	2 57	2 20	18 24	11 23	0 2
T 17	20 55	16 37	4 10	12 9	3 49	25 8	2 5	3 46	1 19	13 41	0 55	15 25	1 13	6 41	0 36	18 46	0 0	10 23	16 57	2 54	2 19	18 24	11 24	0 2
W18	21 6	17 57	4 41	12 14	3 51	25 3	2 6	4 4	1 19	13 40	0 55	15 25	1 13	6 42	0 36	18 46	0 0	10 23	16 57	2 50	2 18	18 24	11 25	0 2
T 19	21 17	18 30	4 59	12 21	3 51	24 56	2 7	4 21	1 19	13 39	0 56	15 25	1 14	6 43	0 36	18 46	0 0	10 23	16 57	2 46	2 17	18 24	11 26	0 2
F 20	21 27	18 13	5 4	12 31	3 51	24 50	2 7	4 39	1 19	13 38	0 56	15 25	1 14	6 44	0 36	18 46	0s 0	10 23	16 58	2 41	2 15	18 24	11 27	0 3
S 21	21 36	17 9	4 56	12 42	3 50	24 42	2 8	4 56	1 19	13 37	0 56	15 25	1 14	6 45	0 36	18 47	0 0	10 23	16 58	2 38	2 14	18 24	11 28	0 3
S 22	21 46	15 20	4 35	12 56	3 48	24 34	2 8	5 14	1 18	13 36	0 56	15 25	1 14	6 45	0 36	18 47	0 0	10 23	16 58	2 34	2 13	18 24	11 29	0 3
M23	21 55	12 51	4 2	13 11	3 45	24 25	2 8	5 31	1 18	13 36	0 57	15 25	1 14	6 46	0 36	18 47	0 0	10 23	16 59	2 32	2 12	18 24	11 31	0 3
T 24	22 3	9 46	3 17	13 28	3 41	24 15	2 8	5 48	1 18	13 35	0 57	15 26	1 15	6 47	0 36	18 47	0 0	10 23	16 59	2 31	2 10	18 24	11 32	0 3
W25	22 11	6 11	2 22	13 46	3 36	24 5	2 9	6 5	1 18	13 34	0 57	15 26	1 15	6 48	0 36	18 47	0 0	10 23	16 59	2 31	2 9	18 24	11 33	0 3
T 26	22 19	2 15	1 19	14 7	3 31	23 55	2 9	6 22	1 17	13 34	0 58	15 26	1 15	6 49	0 36	18 47	0 0	10 23	16 59	2 31	2 8	18 24	11 34	0 3
F 27	22 26	1n55	0 10	14 28	3 25	23 43	2 8	6 39	1 17	13 33	0 58	15 26	1 15	6 50	0 36	18 48	0 0	10 23	17 0	2 31	2 7	18 24	11 35	0 3
S 28	22 33	6 8	1s 2	14 51	3 18	23 31	2 8	6 56	1 17	13 33	0 58	15 26	1 15	6 51	0 36	18 48	0 0	10 23	17 0	2 31	2 5	18 24	11 36	0 3
S 29	22 40	10 10	2 12	15 15	3 11	23 18	2 8	7 13	1 17	13 32	0 58	15 27	1 16	6 52	0 37	18 48	0 0	10 23	17 0	2 30	2 4	18 24	11 37	0 3
M30	22 46	13 43	3 17	15 40	3 3	23 5	2 7	7 30	1 16	13 32	0 59	15 27	1 16	6 53	0 37	18 48	0 0	10 23	17 1	2 28	2 3	18 24	11 38	0 3
T 31	22n52	16n28	4s 9	16n 6	2s55	22n51	2n 7	7n46	1s16	13s31	0s59	15s27	1s16	6n53	0s37	18s49	0s 0	10s23	17s 1	2s25	2s 2	18s24	11n39	0s 3

Julian Day Number = 2212439.5, Delta T = 09m16s
Ecliptic obliquity = 23°31'18, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°36'32, Lahiri = 14°43'33 Julian Calendar 1 May 1345 == Greg. Calendar 9 May 1345

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ASTRODIENST EPHEMERIS for the year 1345
geocentric

JUNE 1345 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	17 9 19	17♊48'26	16♊44	25♉36	28♋23	23♈40	26♒53	21°R52	19♈ 0	6°R 6	13♈22	5°R55	5♎ 2	29♐ 9	0♉35	W 1
T 2	17 13 16	18°45'41	2♋ 2	26°56	29°31	24°24	26°54	21♒52	19° 2	6♒ 5	13°23	5♎45	4°58	29°16	0°37	T 2
F 3	17 17 12	19°42'56	17°14	28°18	0♌39	25° 8	26°55	21°51	19° 4	6° 4	13°24	5°35	4°55	29°23	0°40	F 3
S 4	17 21 9	20°40'10	2♌10	29°44	1°47	25°52	26°56	21°50	19° 6	6° 3	13°24	5°27	4°52	29°29	0°43	S 4
S 5	17 25 6	21°37'24	16°44	1♊14	2°55	26°35	26°57	21°49	19° 8	6° 2	13°25	5°21	4°49	29°36	0°46	S 5
M 6	17 29 2	22°34'36	0♍50	2°46	4° 2	27°19	26°57	21°48	19°10	6° 1	13°26	5°17	4°46	29°43	0°49	M 6
T 7	17 32 59	23°31'49	14°28	4°22	5°10	28° 2	26°58	21°46	19°12	6° 0	13°26	5°16	4°43	29°49	0°51	T 7
W 8	17 36 55	24°29'00	27°40	6° 1	6°17	28°46	26°R58	21°45	19°14	5°59	13°27	5°15	4°39	29°56	0°54	W 8
T 9	17 40 52	25°26'11	10♎30	7°42	7°25	29°29	26°57	21°44	19°16	5°58	13°27	5°15	4°36	0♑ 3	0°57	T 9
F 10	17 44 48	26°23'22	23° 1	9°27	8°32	0♉12	26°57	21°42	19°18	5°57	13°28	5°14	4°33	0°10	0°59	F 10
S 11	17 48 45	27°20'32	5♏18	11°15	9°39	0°55	26°57	21°41	19°19	5°56	13°28	5°12	4°30	0°16	1° 2	S 11
S 12	17 52 41	28°17'42	17°25	13° 6	10°45	1°38	26°56	21°39	19°21	5°54	13°29	5° 6	4°27	0°23	1° 4	S 12
M13	17 56 38	29°14'52	29°25	14°59	11°52	2°21	26°55	21°37	19°23	5°53	13°29	4°58	4°24	0°30	1° 7	M13
T 14	18 0 35	0♋12'01	11♐21	16°55	12°59	3° 4	26°54	21°35	19°24	5°52	13°30	4°47	4°20	0°36	1° 9	T 14
W15	18 4 31	1° 9'10	23°14	18°54	14° 5	3°47	26°53	21°33	19°26	5°51	13°30	4°34	4°17	0°43	1°11	W15
T 16	18 8 28	2° 6'19	5♑ 7	20°55	15°11	4°30	26°51	21°31	19°27	5°49	13°31	4°20	4°14	0°50	1°14	T 16
F 17	18 12 24	3° 3'29	17° 0	22°57	16°17	5°13	26°49	21°29	19°29	5°48	13°31	4° 7	4°11	0°57	1°16	F 17
S 18	18 16 21	4° 0'38	28°56	25° 2	17°23	5°55	26°48	21°27	19°30	5°47	13°32	3°54	4° 8	1° 3	1°18	S 18
S 19	18 20 17	4°57'48	10♒55	27° 8	18°28	6°38	26°45	21°25	19°32	5°45	13°32	3°44	4° 4	1°10	1°20	S 19
M20	18 24 14	5°54'57	23° 1	29°16	19°34	7°21	26°43	21°22	19°33	5°44	13°32	3°37	4° 1	1°17	1°22	M20
T 21	18 28 10	6°52'07	5♓16	1♋24	20°39	8° 3	26°41	21°20	19°34	5°43	13°33	3°32	3°58	1°24	1°25	T 21
W22	18 32 7	7°49'18	17°43	3°33	21°44	8°45	26°38	21°17	19°36	5°41	13°33	3°30	3°55	1°30	1°27	W22
T 23	18 36 4	8°46'29	0♈27	5°42	22°49	9°28	26°35	21°14	19°37	5°40	13°33	3°29	3°52	1°37	1°29	T 23
F 24	18 40 0	9°43'40	13°31	7°52	23°53	10°10	26°32	21°12	19°38	5°39	13°34	3°29	3°49	1°44	1°30	F 24
S 25	18 43 57	10°40'52	27° 0	10° 1	24°58	10°52	26°29	21° 9	19°39	5°37	13°34	3°28	3°45	1°50	1°32	S 25
S 26	18 47 53	11°38'05	10♉55	12°10	26° 2	11°34	26°26	21° 6	19°40	5°36	13°34	3°26	3°42	1°57	1°34	S 26
M27	18 51 50	12°35'18	25°19	14°18	27° 6	12°16	26°22	21° 3	19°41	5°34	13°34	3°21	3°39	2° 4	1°36	M27
T 28	18 55 46	13°32'32	10♊ 7	16°26	28°10	12°57	26°19	21° 0	19°42	5°33	13°34	3°14	3°36	2°11	1°38	T 28
W29	18 59 43	14°29'47	25°13	18°32	29°13	13°39	26°15	20°57	19°43	5°31	13°35	3° 5	3°33	2°17	1°39	W29
T 30	19 3 40	15♋27'02	10♋30	20♋37	0♍16	14♉21	26♒11	20♒54	19♈44	5♒30	13♈35	2♎54	3♎30	2♑24	1♉41	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	22n58	18n 8	4s45	16n33	2s46	22n37	2n 6	8n 3	1s16	13s31	0s59	15s28	1s16	6n54	0s37	18s49	0s 0	10s23	17s 1	2s22	2s 0	18s24	11n40	0s 3
T 2	23 3	18 29	5 1	17 0	2 36	22 22	2 6	8 19	1 15	13 31	1 0	15 28	1 16	6 55	0 37	18 49	0 0	10 23	17 2	2 17	1 59	18 24	11 40	0 4
F 3	23 7	17 31	4 56	17 28	2 27	22 7	2 5	8 36	1 15	13 31	1 0	15 29	1 17	6 56	0 37	18 49	0 0	10 23	17 2	2 14	1 58	18 24	11 41	0 4
S 4	23 12	15 22	4 30	17 57	2 16	21 50	2 4	8 52	1 15	13 31	1 0	15 29	1 17	6 56	0 37	18 50	0 0	10 23	17 2	2 10	1 56	18 24	11 42	0 4
S 5	23 15	12 16	3 47	18 26	2 6	21 34	2 3	9 8	1 14	13 31	1 0	15 30	1 17	6 57	0 37	18 50	0 0	10 23	17 3	2 8	1 55	18 24	11 43	0 4
M 6	23 19	8 33	2 52	18 55	1 55	21 17	2 2	9 24	1 14	13 31	1 1	15 30	1 17	6 58	0 37	18 50	0 0	10 23	17 3	2 6	1 54	18 24	11 44	0 4
T 7	23 22	4 29	1 48	19 24	1 43	20 59	2 0	9 40	1 14	13 31	1 1	15 31	1 17	6 59	0 37	18 50	0 0	10 23	17 3	2 6	1 53	18 24	11 45	0 4
W 8	23 24	0 19	0 40	19 53	1 32	20 41	1 59	9 56	1 13	13 32	1 1	15 32	1 17	6 59	0 37	18 51	0 0	10 23	17 3	2 6	1 51	18 24	11 46	0 4
T 9	23 27	3s45	0n28	20 21	1 20	20 22	1 57	10 11	1 13	13 32	1 2	15 32	1 18	7 0	0 37	18 51	0 0	10 23	17 4	2 6	1 50	18 24	11 47	0 4
F 10	23 28	7 33	1 33	20 49	1 8	20 3	1 56	10 27	1 12	13 32	1 2	15 33	1 18	7 1	0 37	18 51	0 0	10 23	17 4	2 5	1 49	18 23	11 47	0 4
S 11	23 30	10 57	2 32	21 16	0 56	19 44	1 54	10 43	1 12	13 33	1 2	15 34	1 18	7 1	0 37	18 52	0 0	10 23	17 5	2 4	1 48	18 23	11 48	0 4
S 12	23 31	13 50	3 23	21 43	0 44	19 24	1 52	10 58	1 12	13 33	1 2	15 34	1 18	7 2	0 37	18 52	0 0	10 23	17 5	2 2	1 46	18 23	11 49	0 4
M13	23 31	16 7	4 5	22 8	0 33	19 3	1 50	11 13	1 11	13 34	1 3	15 35	1 18	7 3	0 37	18 52	0 0	10 24	17 5	1 59	1 45	18 23	11 50	0 4
T 14	23 31	17 40	4 35	22 32	0 21	18 42	1 48	11 28	1 11	13 35	1 3	15 36	1 19	7 3	0 37	18 52	0 0	10 24	17 6	1 54	1 44	18 23	11 51	0 5
W15	23 31	18 27	4 54	22 54	0 9	18 21	1 46	11 43	1 10	13 35	1 3	15 37	1 19	7 4	0 37	18 53	0 0	10 24	17 6	1 49	1 43	18 23	11 51	0 5
T 16	23 30	18 26	5 0	23 15	0n 2	17 59	1 44	11 58	1 10	13 36	1 4	15 37	1 19	7 4	0 37	18 53	0 0	10 24	17 6	1 44	1 41	18 23	11 52	0 5
F 17	23 29	17 36	4 52	23 33	0 13	17 37	1 41	12 13	1 9	13 37	1 4	15 38	1 19	7 5	0 37	18 53	0 0	10 24	17 7	1 38	1 40	18 23	11 53	0 5
S 18	23 28	16 0	4 32	23 50	0 24	17 15	1 39	12 27	1 9	13 38	1 4	15 39	1 19	7 5	0 37	18 54	0 0	10 24	17 7	1 33	1 39	18 23	11 53	0 5
S 19	23 26	13 42	4 0	24 4	0 34	16 52	1 36	12 42	1 8	13 39	1 4	15 40	1 20	7 6	0 37	18 54	0 0	10 25	17 7	1 29	1 38	18 23	11 54	0 5
M20	23 23	10 48	3 16	24 15	0 44	16 29	1 33	12 56	1 8	13 40	1 5	15 41	1 20	7 6	0 37	18 54	0 0	10 25	17 8	1 26	1 36	18 23	11 55	0 5
T 21	23 21	7 24	2 23	24 24	0 53	16 5	1 30	13 10	1 8	13 41	1 5	15 42	1 20	7 7	0 37	18 55	0 0	10 25	17 8	1 25	1 35	18 22	11 55	0 5
W22	23 17	3 36	1 22	24 30	1 2	15 41	1 27	13 25	1 7	13 42	1 5	15 43	1 20	7 7	0 37	18 55	0 0	10 25	17 8	1 24	1 34	18 22	11 56	0 5
T 23	23 14	0n25	0 16	24 34	1 10	15 17	1 24	13 39	1 6	13 43	1 6	15 44	1 20	7 8	0 37	18 56	0 0	10 25	17 9	1 23	1 32	18 22	11 57	0 5
F 24	23 10	4 32	0s53	24 34	1 17	14 52	1 21	13 52	1 6	13 45	1 6	15 45	1 20	7 8	0 37	18 56	0 0	10 26	17 9	1 23	1 31	18 22	11 57	0 5
S 25	23 5	8 33	2 1	24 32	1 24	14 28	1 17	14 6	1 5	13 46	1 6	15 46	1 21	7 8	0 37	18 56	0 0	10 26	17 9	1 23	1 30	18 22	11 58	0 5
S 26	23 1	12 14	3 4	24 27	1 29	14 3	1 14	14 20	1 5	13 47	1 6	15 47	1 21	7 9	0 37	18 57	0 0	10 26	17 10	1 22	1 29	18 22	11 58	0 6
M27	22 55	15 18	3 58	24 19	1 34	13 37	1 10	14 33	1 4	13 49	1 7	15 48	1 21	7 9	0 37	18 57	0 0	10 26	17 10	1 20	1 27	18 22	11 59	0 6
T 28	22 50	17 28	4 37	24 8	1 39	13 12	1 6	14 46	1 4	13 50	1 7	15 50	1 21	7 10	0 37	18 57	0 0	10 27	17 10	1 17	1 26	18 22	12 0	0 6
W29	22 44	18 28	4 58	23 55	1 42	12 46	1 2	14 59	1 3	13 52	1 7	15 51	1 21	7 10	0 37	18 58	0 0	10 27	17 11	1 14	1 25	18 21	12 0	0 6
T 30	22n37	18n 9	4s58	23n40	1n45	12n20	0n58	15n12	1s 3	13s54	1s 8	15s52	1s21	7n10	0s37	18s58	0s 0	10s27	17s11	1s10	1s24	18s21	12n 1	0s 6

Julian Day Number = 2212470.5, Delta T = 09m16s
Ecliptic obliquity = 23°31'18, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°36'36, Lahiri = 14°43'37 Julian Calendar 1 June 1345 == Greg. Calendar 9 June 1345

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ASTRODIENST EPHEMERIS for the year 1345
geocentric

JULY 1345 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	19 7 36	16♋24'18	25♋45	22♋41	1♍19	15♉ 2	26°R 6	20°R50	19♈45	5°R28	13♈35	2°R44	3♎26	2♑31	1♉43	F 1
S 2	19 11 33	17°21'34	10♌47	24°43	2°22	15°44	26♒ 2	20♒47	19°46	5♒27	13°35	2♎35	3°23	2°38	1°44	S 2
S 3	19 15 29	18°18'50	25°28	26°44	3°25	16°25	25°57	20°44	19°47	5°25	13°35	2°29	3°20	2°44	1°46	S 3
M 4	19 19 26	19°16'07	9♍42	28°43	4°27	17° 6	25°53	20°40	19°47	5°24	13°35	2°25	3°17	2°51	1°47	M 4
T 5	19 23 22	20°13'24	23°27	0♌41	5°29	17°47	25°48	20°37	19°48	5°22	13°35	2°23	3°14	2°58	1°49	T 5
W 6	19 27 19	21°10'41	6♎44	2°37	6°31	18°29	25°43	20°33	19°49	5°21	13°R35	2°D23	3°10	3° 4	1°50	W 6
T 7	19 31 15	22° 7'59	19°36	4°31	7°32	19° 9	25°37	20°30	19°49	5°19	13°35	2°R23	3° 7	3°11	1°51	T 7
F 8	19 35 12	23° 5'17	2♏ 7	6°23	8°33	19°50	25°32	20°26	19°50	5°17	13°35	2°23	3° 4	3°18	1°52	F 8
S 9	19 39 9	24° 2'36	14°22	8°14	9°34	20°31	25°26	20°22	19°50	5°16	13°35	2°21	3° 1	3°25	1°54	S 9
S 10	19 43 5	24°59'55	26°25	10° 3	10°34	21°12	25°21	20°18	19°50	5°14	13°35	2°17	2°58	3°31	1°55	S 10
M11	19 47 2	25°57'15	8♐21	11°51	11°34	21°52	25°15	20°14	19°51	5°13	13°35	2°10	2°55	3°38	1°56	M11
T 12	19 50 58	26°54'35	20°14	13°36	12°34	22°33	25° 9	20°11	19°51	5°11	13°35	2° 1	2°51	3°45	1°57	T 12
W13	19 54 55	27°51'56	2♑ 6	15°20	13°34	23°13	25° 3	20° 7	19°51	5° 9	13°35	1°50	2°48	3°52	1°58	W13
T 14	19 58 51	28°49'18	14° 0	17° 3	14°33	23°53	24°57	20° 3	19°52	5° 8	13°34	1°39	2°45	3°58	1°59	T 14
F 15	20 2 48	29°46'41	25°57	18°43	15°31	24°33	24°50	19°59	19°52	5° 6	13°34	1°27	2°42	4° 5	1°59	F 15
S 16	20 6 44	0♌44'05	7♒59	20°22	16°29	25°13	24°44	19°54	19°52	5° 5	13°34	1°17	2°39	4°12	2° 0	S 16
S 17	20 10 41	1°41'29	20° 7	22° 0	17°27	25°53	24°37	19°50	19°52	5° 3	13°34	1° 8	2°36	4°18	2° 1	S 17
M18	20 14 38	2°38'55	2♓23	23°35	18°25	26°33	24°31	19°46	19°R52	5° 1	13°33	1° 2	2°32	4°25	2° 2	M18
T 19	20 18 34	3°36'21	14°47	25° 9	19°22	27°13	24°24	19°42	19°52	5° 0	13°33	0°59	2°29	4°32	2° 2	T 19
W20	20 22 31	4°33'49	27°24	26°42	20°18	27°52	24°17	19°38	19°52	4°58	13°33	0°D57	2°26	4°39	2° 3	W20
T 21	20 26 27	5°31'19	10♈14	28°12	21°14	28°32	24°10	19°33	19°52	4°56	13°33	0°58	2°23	4°45	2° 3	T 21
F 22	20 30 24	6°28'49	23°21	29°41	22°10	29°11	24° 3	19°29	19°52	4°55	13°32	0°58	2°20	4°52	2° 4	F 22
S 23	20 34 20	7°26'21	6♉48	1♍ 9	23° 5	29°50	23°56	19°25	19°51	4°53	13°32	0°R59	2°16	4°59	2° 4	S 23
S 24	20 38 17	8°23'55	20°37	2°34	23°59	0♊29	23°48	19°20	19°51	4°52	13°32	0°58	2°13	5° 5	2° 4	S 24
M25	20 42 13	9°21'30	4♊48	3°58	24°53	1° 8	23°41	19°16	19°51	4°50	13°31	0°56	2°10	5°12	2° 5	M25
T 26	20 46 10	10°19'07	19°21	5°20	25°47	1°47	23°34	19°11	19°50	4°48	13°31	0°51	2° 7	5°19	2° 5	T 26
W27	20 50 7	11°16'45	4♋11	6°41	26°40	2°26	23°26	19° 7	19°50	4°47	13°30	0°45	2° 4	5°26	2° 5	W27
T 28	20 54 3	12°14'24	19°12	7°59	27°32	3° 5	23°19	19° 3	19°49	4°45	13°30	0°38	2° 1	5°32	2° 5	T 28
F 29	20 58 0	13°12'05	4♌13	9°16	28°24	3°43	23°11	18°58	19°49	4°43	13°29	0°31	1°57	5°39	2°R 5	F 29
S 30	21 1 56	14° 9'48	19° 7	10°30	29°15	4°21	23° 3	18°54	19°48	4°42	13°29	0°25	1°54	5°46	2° 5	S 30
S 31	21 5 53	15♌ 7'31	3♍44	11♍43	0♎ 6	5♊ 0	22♒55	18♒49	19♈48	4♒40	13♈28	0♎20	1♎51	5♑53	2♉ 5	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	22n31	16n31	4s37	23n22	1n47	11n53	0n54	15n25	1s 2	13s55	1s 8	15s53	1s22	7n11	0s37	18s59	0s 0	10s27	17s12	1s 5	1s22	18s21	12n 1	0s 6	F 1
S 2	22 23	13 47	3 57	23 2	1 49	11 27	0 50	15 38	1 1	13 57	1 8	15 54	1 22	7 11	0 37	18 59	0 1	10 28	17 12	1 2	1 21	18 21	12 1	0 6	S 2
S 3	22 16	10 13	3 2	22 40	1 49	11 0	0 46	15 50	1 1	13 59	1 8	15 56	1 22	7 11	0 37	18 59	0 1	10 28	17 12	0 59	1 20	18 21	12 2	0 6	S 3
M 4	22 8	6 9	1 57	22 16	1 49	10 33	0 41	16 2	1 0	14 1	1 9	15 57	1 22	7 11	0 37	19 0	0 1	10 28	17 13	0 58	1 19	18 21	12 2	0 6	M 4
T 5	22 0	1 53	0 47	21 50	1 48	10 6	0 37	16 14	1 0	14 3	1 9	15 58	1 22	7 12	0 37	19 0	0 1	10 29	17 13	0 57	1 17	18 21	12 3	0 6	T 5
W 6	21 51	2s20	0n23	21 23	1 47	9 39	0 32	16 26	0 59	14 5	1 9	15 59	1 22	7 12	0 37	19 0	0 1	10 29	17 13	0 57	1 16	18 21	12 3	0 6	W 6
T 7	21 42	6 18	1 30	20 54	1 45	9 11	0 27	16 38	0 58	14 7	1 9	16 1	1 23	7 12	0 37	19 1	0 1	10 29	17 14	0 57	1 15	18 20	12 3	0 6	T 7
F 8	21 32	9 53	2 31	20 24	1 43	8 44	0 22	16 50	0 58	14 9	1 10	16 2	1 23	7 12	0 37	19 1	0 1	10 30	17 14	0 57	1 13	18 20	12 4	0 7	F 8
S 9	21 23	12 58	3 24	19 53	1 40	8 16	0 17	17 2	0 57	14 11	1 10	16 3	1 23	7 12	0 38	19 2	0 1	10 30	17 14	0 56	1 12	18 20	12 4	0 7	S 9
S 10	21 12	15 26	4 6	19 20	1 36	7 48	0 11	17 13	0 56	14 13	1 10	16 5	1 23	7 12	0 38	19 2	0 1	10 30	17 15	0 54	1 11	18 20	12 4	0 7	S 10
M11	21 2	17 12	4 37	18 46	1 32	7 20	0 6	17 24	0 56	14 15	1 10	16 6	1 23	7 12	0 38	19 2	0 1	10 31	17 15	0 52	1 10	18 20	12 5	0 7	M11
T 12	20 51	18 14	4 56	18 12	1 28	6 53	0 1	17 35	0 55	14 17	1 11	16 7	1 23	7 13	0 38	19 3	0 1	10 31	17 15	0 48	1 8	18 20	12 5	0 7	T 12
W13	20 40	18 28	5 3	17 37	1 23	6 25	0s 5	17 46	0 54	14 20	1 11	16 9	1 23	7 13	0 38	19 3	0 1	10 31	17 16	0 44	1 7	18 19	12 5	0 7	W13
T 14	20 28	17 53	4 56	17 1	1 17	5 56	0 11	17 57	0 53	14 22	1 11	16 10	1 24	7 13	0 38	19 4	0 1	10 32	17 16	0 39	1 6	18 19	12 5	0 7	T 14
F 15	20 16	16 30	4 36	16 24	1 12	5 28	0 17	18 7	0 53	14 24	1 11	16 12	1 24	7 13	0 38	19 4	0 1	10 32	17 16	0 35	1 5	18 19	12 6	0 7	F 15
S 16	20 4	14 24	4 4	15 47	1 6	5 0	0 23	18 18	0 52	14 27	1 11	16 13	1 24	7 13	0 38	19 4	0 1	10 33	17 17	0 31	1 3	18 19	12 6	0 7	S 16
S 17	19 51	11 40	3 20	15 9	0 59	4 32	0 29	18 28	0 51	14 29	1 12	16 15	1 24	7 13	0 38	19 5	0 1	10 33	17 17	0 27	1 2	18 19	12 6	0 7	S 17
M18	19 38	8 23	2 27	14 31	0 52	4 4	0 35	18 38	0 51	14 31	1 12	16 16	1 24	7 13	0 38	19 5	0 1	10 33	17 17	0 25	1 1	18 18	12 6	0 7	M18
T 19	19 25	4 42	1 25	13 53	0 45	3 36	0 41	18 48	0 50	14 34	1 12	16 17	1 24	7 13	0 38	19 6	0 1	10 34	17 18	0 23	1 0	18 18	12 6	0 7	T 19
W20	19 11	0 45	0 19	13 15	0 37	3 7	0 48	18 57	0 49	14 36	1 12	16 19	1 24	7 13	0 38	19 6	0 1	10 34	17 18	0 23	0 58	18 18	12 6	0 8	W20
T 21	18 57	3n18	0s50	12 36	0 30	2 39	0 54	19 7	0 48	14 39	1 12	16 20	1 24	7 13	0 38	19 6	0 1	10 35	17 18	0 23	0 57	18 18	12 6	0 8	T 21
F 22	18 43	7 17	1 57	11 57	0 22	2 11	1 1	19 16	0 47	14 42	1 13	16 22	1 25	7 12	0 38	19 7	0 1	10 35	17 19	0 23	0 56	18 18	12 7	0 8	F 22
S 23	18 28	11 0	3 0	11 19	0 13	1 43	1 8	19 26	0 47	14 44	1 13	16 23	1 25	7 12	0 38	19 7	0 1	10 35	17 19	0 24	0 54	18 17	12 7	0 8	S 23
S 24	18 14	14 12	3 55	10 40	0 5	1 15	1 15	19 35	0 46	14 47	1 13	16 25	1 25	7 12	0 38	19 8	0 1	10 36	17 19	0 23	0 53	18 17	12 7	0 8	S 24
M25	17 58	16 39	4 36	10 1	0s 4	0 47	1 22	19 43	0 45	14 49	1 13	16 26	1 25	7 12	0 38	19 8	0 1	10 36	17 20	0 22	0 52	18 17	12 7	0 8	M25
T 26	17 43	18 6	5 1	9 23	0 13	0 19	1 29	19 52	0 44	14 52	1 13	16 28	1 25	7 12	0 38	19 9	0 1	10 37	17 20	0 20	0 51	18 17	12 7	0 8	T 26
W27	17 27	18 21	5 7	8 45	0 22	0s 9	1 36	20 1	0 43	14 55	1 14	16 29	1 25	7 12	0 38	19 9	0 1	10 37	17 20	0 18	0 49	18 17	12 7	0 8	W27
T 28	17 11	17 20	4 51	8 7	0 32	0 36	1 44	20 9	0 42	14 57	1 14	16 31	1 25	7 12	0 38	19 9	0 1	10 38	17 21	0 15	0 48	18 16	12 7	0 8	T 28
F 29	16 55	15 7	4 16	7 29	0 41	1 4	1 51	20 17	0 42	15 0	1 14	16 32	1 25	7 11	0 38	19 10	0 1	10 38	17 21	0 12	0 47	18 16	12 6	0 8	F 29
S 30	16 38	11 55	3 24	6 52	0 51	1 31	1 59	20 25	0 41	15 3	1 14	16 34	1 25	7 11	0 38	19 10	0 1	10 39	17 21	0 10	0 46	18 16	12 6	0 8	S 30
S 31	16n21	8n 1	2s19	6n16	1s 1	1s59	2s 7	20n33	0s40	15s 5	1s14	16s35	1s25	7n11	0s38	19s11	0s 1	10s39	17s22	0s 8	0s44	18s16	12n 6	0s 9	S 31

Julian Day Number = 2212500.5, Delta T = 09m15s
Ecliptic obliquity = 23°31'18, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°36'41, Lahiri = 14°43'41 Julian Calendar 1 July 1345 == Greg. Calendar 9 July 1345

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ASTRODIENST EPHEMERIS for the year 1345
geocentric

AUGUST 1345 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	21 9 49	16♌ 5'16	17♍58	12♍54	0♎56	5♊38	22°R48	18°R45	19°R47	4°R39	13°R28	0°R18	1♎48	5♑59	2°R 5	M 1
T 2	21 13 46	17° 3'02	1♎46	14° 2	1°45	6°16	22♒40	18♒40	19♈46	4♒37	13♈27	0°D17	1°45	6° 6	2♉ 5	T 2
W 3	21 17 42	18° 0'49	15° 7	15° 8	2°33	6°53	22°32	18°35	19°46	4°35	13°27	0♎18	1°42	6°13	2° 4	W 3
T 4	21 21 39	18°58'38	28° 3	16°12	3°21	7°31	22°24	18°31	19°45	4°34	13°26	0°19	1°38	6°19	2° 4	T 4
F 5	21 25 35	19°56'27	10♏37	17°14	4° 8	8° 9	22°16	18°26	19°44	4°32	13°26	0°20	1°35	6°26	2° 4	F 5
S 6	21 29 32	20°54'18	22°54	18°12	4°54	8°46	22° 8	18°22	19°43	4°31	13°25	0°R21	1°32	6°33	2° 3	S 6
S 7	21 33 29	21°52'11	4♐58	19° 8	5°39	9°23	22° 0	18°17	19°42	4°29	13°24	0°20	1°29	6°40	2° 3	S 7
M 8	21 37 25	22°50'04	16°54	20° 2	6°23	10° 0	21°53	18°13	19°41	4°28	13°24	0°17	1°26	6°46	2° 2	M 8
T 9	21 41 22	23°47'59	28°47	20°52	7° 7	10°37	21°45	18° 8	19°40	4°26	13°23	0°13	1°22	6°53	2° 2	T 9
W10	21 45 18	24°45'55	10♑40	21°38	7°49	11°14	21°37	18° 4	19°39	4°25	13°22	0° 8	1°19	7° 0	2° 1	W10
T 11	21 49 15	25°43'53	22°36	22°22	8°31	11°51	21°29	17°59	19°38	4°23	13°22	0° 1	1°16	7° 6	2° 0	T 11
F 12	21 53 11	26°41'52	4♒39	23° 2	9°11	12°27	21°21	17°55	19°37	4°22	13°21	29♍55	1°13	7°13	2° 0	F 12
S 13	21 57 8	27°39'52	16°49	23°37	9°50	13° 4	21°13	17°51	19°35	4°20	13°20	29°50	1°10	7°20	1°59	S 13
S 14	22 1 4	28°37'54	29° 9	24° 9	10°28	13°40	21° 6	17°46	19°34	4°19	13°19	29°46	1° 7	7°27	1°58	S 14
M15	22 5 1	29°35'58	11♓40	24°36	11° 5	14°16	20°58	17°42	19°33	4°17	13°19	29°43	1° 3	7°33	1°57	M15
T 16	22 8 58	0♍34'04	24°21	24°59	11°41	14°52	20°50	17°37	19°32	4°16	13°18	29°D42	1° 0	7°40	1°56	T 16
W17	22 12 54	1°32'11	7♈15	25°16	12°16	15°27	20°42	17°33	19°30	4°14	13°17	29°42	0°57	7°47	1°55	W17
T 18	22 16 51	2°30'21	20°21	25°28	12°49	16° 3	20°35	17°29	19°29	4°13	13°16	29°43	0°54	7°54	1°54	T 18
F 19	22 20 47	3°28'32	3♉41	25°35	13°21	16°38	20°27	17°24	19°27	4°12	13°15	29°44	0°51	8° 0	1°53	F 19
S 20	22 24 44	4°26'45	17°16	25°R36	13°51	17°14	20°20	17°20	19°26	4°10	13°15	29°46	0°47	8° 7	1°51	S 20
S 21	22 28 40	5°25'01	1♊ 6	25°30	14°20	17°49	20°13	17°16	19°24	4° 9	13°14	29°R46	0°44	8°14	1°50	S 21
M22	22 32 37	6°23'18	15°11	25°18	14°48	18°23	20° 5	17°12	19°23	4° 8	13°13	29°46	0°41	8°20	1°49	M22
T 23	22 36 33	7°21'38	29°29	25° 0	15°14	18°58	19°58	17° 8	19°21	4° 6	13°12	29°45	0°38	8°27	1°47	T 23
W24	22 40 30	8°20'00	13♋58	24°35	15°38	19°33	19°51	17° 4	19°20	4° 5	13°11	29°43	0°35	8°34	1°46	W24
T 25	22 44 27	9°18'24	28°34	24° 4	16° 1	20° 7	19°44	17° 0	19°18	4° 4	13°10	29°40	0°32	8°41	1°45	T 25
F 26	22 48 23	10°16'51	13♌11	23°26	16°22	20°41	19°37	16°56	19°16	4° 3	13° 9	29°38	0°28	8°47	1°43	F 26
S 27	22 52 20	11°15'19	27°42	22°42	16°41	21°15	19°30	16°52	19°14	4° 1	13° 8	29°36	0°25	8°54	1°41	S 27
S 28	22 56 16	12°13'49	12♍ 2	21°52	16°58	21°49	19°23	16°48	19°13	4° 0	13° 7	29°34	0°22	9° 1	1°40	S 28
M29	23 0 13	13°12'21	26° 4	20°57	17°13	22°22	19°17	16°44	19°11	3°59	13° 6	29°D33	0°19	9° 7	1°38	M29
T 30	23 4 9	14°10'54	9♎45	19°58	17°27	22°55	19°10	16°40	19° 9	3°58	13° 5	29°34	0°16	9°14	1°36	T 30
W31	23 8 6	15♍ 9'30	23♎ 4	18♍56	17♎38	23♊29	19♒ 4	16♒37	19♈ 7	3♒57	13♈ 4	29♍34	0♎13	9♑21	1♉35	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	16n 4	3n45	1s 6	5n39	1s10	2s26	2s15	20n41	0s39	15s 8	1s14	16s37	1s26	7n11	0s38	19s11	0s 1	10s40	17s22	0s 7	0s43	18s16	12n 6	0s 9
T 2	15 47	0s35	0n 8	5 4	1 20	2 53	2 23	20 48	0 38	15 11	1 14	16 38	1 26	7 10	0 38	19 11	0 1	10 40	17 22	0 7	0 42	18 15	12 6	0 9
W 3	15 29	4 45	1 20	4 29	1 30	3 19	2 31	20 55	0 37	15 13	1 15	16 40	1 26	7 10	0 38	19 12	0 1	10 41	17 23	0 7	0 41	18 15	12 6	0 9
T 4	15 11	8 34	2 25	3 55	1 40	3 46	2 39	21 3	0 36	15 16	1 15	16 41	1 26	7 10	0 38	19 12	0 1	10 41	17 23	0 8	0 39	18 15	12 6	0 9
F 5	14 53	11 52	3 21	3 22	1 51	4 12	2 47	21 10	0 35	15 19	1 15	16 43	1 26	7 9	0 38	19 12	0 1	10 42	17 23	0 8	0 38	18 15	12 5	0 9
S 6	14 35	14 34	4 7	2 50	2 1	4 38	2 55	21 16	0 34	15 21	1 15	16 44	1 26	7 9	0 38	19 13	0 1	10 42	17 24	0 8	0 37	18 14	12 5	0 9
S 7	14 16	16 35	4 41	2 19	2 11	5 4	3 4	21 23	0 33	15 24	1 15	16 46	1 26	7 9	0 38	19 13	0 1	10 43	17 24	0 8	0 35	18 14	12 5	0 9
M 8	13 57	17 52	5 2	1 48	2 21	5 29	3 12	21 29	0 33	15 27	1 15	16 47	1 26	7 8	0 38	19 14	0 1	10 43	17 24	0 7	0 34	18 14	12 5	0 9
T 9	13 38	18 20	5 11	1 20	2 31	5 54	3 21	21 36	0 32	15 29	1 15	16 49	1 26	7 8	0 38	19 14	0 1	10 44	17 24	0 5	0 33	18 14	12 4	0 9
W10	13 19	18 1	5 6	0 52	2 40	6 19	3 30	21 42	0 31	15 32	1 15	16 50	1 26	7 7	0 38	19 14	0 1	10 44	17 25	0 3	0 32	18 13	12 4	0 9
T 11	12 59	16 54	4 47	0 26	2 50	6 44	3 38	21 48	0 30	15 35	1 15	16 52	1 26	7 7	0 38	19 15	0 1	10 45	17 25	0 1	0 30	18 13	12 4	0 10
F 12	12 39	15 1	4 16	0 2	3 0	7 8	3 47	21 54	0 29	15 37	1 15	16 53	1 26	7 6	0 38	19 15	0 1	10 45	17 25	0n 2	0 29	18 13	12 3	0 10
S 13	12 20	12 28	3 33	0s21	3 9	7 32	3 56	21 59	0 28	15 40	1 15	16 54	1 26	7 6	0 38	19 15	0 1	10 46	17 25	0 4	0 28	18 13	12 3	0 10
S 14	11 59	9 19	2 39	0 42	3 18	7 55	4 5	22 5	0 27	15 43	1 16	16 56	1 26	7 5	0 38	19 16	0 1	10 46	17 26	0 6	0 27	18 12	12 3	0 10
M15	11 39	5 43	1 37	1 0	3 26	8 18	4 14	22 10	0 26	15 45	1 16	16 57	1 26	7 5	0 38	19 16	0 1	10 47	17 26	0 7	0 25	18 12	12 2	0 10
T 16	11 19	1 48	0 29	1 17	3 35	8 40	4 23	22 15	0 24	15 48	1 16	16 59	1 27	7 4	0 38	19 17	0 1	10 47	17 26	0 7	0 24	18 12	12 2	0 10
W17	10 58	2n15	0s41	1 31	3 42	9 2	4 33	22 20	0 23	15 50	1 16	17 0	1 27	7 4	0 38	19 17	0 1	10 48	17 26	0 7	0 23	18 12	12 1	0 10
T 18	10 37	6 16	1 51	1 42	3 49	9 24	4 42	22 25	0 22	15 53	1 16	17 1	1 27	7 3	0 38	19 17	0 1	10 48	17 27	0 7	0 21	18 11	12 1	0 10
F 19	10 16	10 2	2 56	1 50	3 56	9 45	4 51	22 30	0 21	15 55	1 16	17 3	1 27	7 3	0 38	19 18	0 1	10 49	17 27	0 6	0 20	18 11	12 0	0 10
S 20	9 55	13 20	3 52	1 56	4 1	10 5	5 0	22 34	0 20	15 57	1 16	17 4	1 27	7 2	0 39	19 18	0 1	10 49	17 27	0 6	0 19	18 11	12 0	0 10
S 21	9 33	15 57	4 36	1 58	4 6	10 25	5 10	22 39	0 19	16 0	1 16	17 5	1 27	7 2	0 39	19 18	0 1	10 50	17 27	0 5	0 18	18 10	11 59	0 10
M22	9 12	17 39	5 5	1 57	4 9	10 45	5 19	22 43	0 18	16 2	1 16	17 7	1 27	7 1	0 39	19 19	0 1	10 50	17 28	0 5	0 16	18 10	11 59	0 11
T 23	8 50	18 17	5 15	1 52	4 12	11 3	5 28	22 47	0 17	16 4	1 16	17 8	1 27	7 0	0 39	19 19	0 1	10 51	17 28	0 6	0 15	18 10	11 58	0 11
W24	8 28	17 44	5 5	1 43	4 13	11 21	5 38	22 51	0 16	16 7	1 16	17 9	1 27	7 0	0 39	19 19	0 1	10 52	17 28	0 7	0 14	18 10	11 58	0 11
T 25	8 6	16 1	4 36	1 30	4 13	11 39	5 47	22 55	0 15	16 9	1 16	17 10	1 27	6 59	0 39	19 19	0 1	10 52	17 28	0 8	0 13	18 9	11 57	0 11
F 26	7 44	13 16	3 49	1 13	4 11	11 55	5 56	22 58	0 13	16 11	1 16	17 12	1 27	6 58	0 39	19 20	0 1	10 53	17 28	0 9	0 11	18 9	11 56	0 11
S 27	7 22	9 42	2 47	0 52	4 7	12 11	6 5	23 2	0 12	16 13	1 16	17 13	1 27	6 58	0 39	19 20	0 1	10 53	17 29	0 10	0 10	18 9	11 56	0 11
S 28	7 0	5 36	1 35	0 27	4 1	12 26	6 14	23 5	0 11	16 15	1 16	17 14	1 27	6 57	0 39	19 20	0 1	10 54	17 29	0 10	0 9	18 8	11 55	0 11
M29	6 37	1 17	0 19	0n 1	3 54	12 40	6 23	23 8	0 10	16 17	1 16	17 15	1 27	6 56	0 39	19 21	0 1	10 54	17 29	0 11	0 8	18 8	11 54	0 11
T 30	6 15	3s 1	0n56	0 33	3 44	12 54	6 32	23 11	0 9	16 19	1 16	17 16	1 27	6 56	0 39	19 21	0 1	10 55	17 29	0 11	0 6	18 8	11 54	0 11
W31	5n52	7s 3	2n 6	1n 8	3s33	13s 6	6s41	23n14	0s 7	16s21	1s16	17s17	1s27	6n55	0s39	19s21	0s 1	10s55	17s29	0n10	0s 5	18s 7	11n53	0s11

Julian Day Number = 2212531.5, Delta T = 09m15s
Ecliptic obliquity = 23°31'18, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°36'45, Lahiri = 14°43'45 Julian Calendar 1 Aug. 1345 == Greg. Calendar 9 Aug. 1345

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ASTRODIENST EPHEMERIS for the year 1345
geocentric

SEPTEMBER 1345 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	23 12 2	16♍ 8'07	6♏ 1	17°R53	17♎47	24♊ 1	18°R58	16°R33	19°R 5	3°R56	13°R 3	29♍35	0♎ 9	9♑28	1°R33	T 1
F 2	23 15 59	17° 6'47	18°38	16♍49	17°54	24°34	18♒52	16♒29	19♈ 3	3♒54	13♈ 2	29°37	0° 6	9°34	1♉31	F 2
S 3	23 19 56	18° 5'28	0♐58	15°46	17°59	25° 7	18°46	16°26	19° 1	3°53	13° 1	29°38	0° 3	9°41	1°29	S 3
S 4	23 23 52	19° 4'10	13° 4	14°46	18° 1	25°39	18°40	16°23	18°59	3°52	13° 0	29°38	29♍59	9°48	1°27	S 4
M 5	23 27 49	20° 2'55	25° 1	13°51	18°R 1	26°11	18°34	16°19	18°57	3°51	12°59	29°R38	29°57	9°55	1°25	M 5
T 6	23 31 45	21° 1'41	6♑55	13° 1	17°59	26°43	18°29	16°16	18°55	3°50	12°58	29°38	29°53	10° 1	1°23	T 6
W 7	23 35 42	22° 0'29	18°48	12°19	17°55	27°14	18°23	16°13	18°53	3°49	12°57	29°37	29°50	10° 8	1°21	W 7
T 8	23 39 38	22°59'19	0♒47	11°45	17°48	27°46	18°18	16° 9	18°51	3°49	12°56	29°36	29°47	10°15	1°19	T 8
F 9	23 43 35	23°58'10	12°53	11°20	17°38	28°17	18°13	16° 6	18°49	3°48	12°55	29°35	29°44	10°21	1°17	F 9
S 10	23 47 31	24°57'04	25°11	11° 5	17°27	28°47	18° 8	16° 3	18°47	3°47	12°54	29°35	29°41	10°28	1°14	S 10
S 11	23 51 28	25°55'59	7♓43	11°D 0	17°12	29°18	18° 3	16° 0	18°44	3°46	12°53	29°34	29°38	10°35	1°12	S 11
M12	23 55 24	26°54'56	20°30	11° 5	16°56	29°48	17°59	15°58	18°42	3°45	12°52	29°34	29°34	10°42	1°10	M12
T 13	23 59 21	27°53'55	3♈32	11°20	16°37	0♋18	17°55	15°55	18°40	3°44	12°51	29°D34	29°31	10°48	1° 8	T 13
W14	0 3 18	28°52'56	16°49	11°46	16°16	0°48	17°50	15°52	18°38	3°43	12°50	29°34	29°28	10°55	1° 5	W14
T 15	0 7 14	29°52'00	0♉20	12°21	15°53	1°18	17°46	15°49	18°35	3°43	12°48	29°R34	29°25	11° 2	1° 3	T 15
F 16	0 11 11	0♎51'05	14° 3	13° 4	15°27	1°47	17°42	15°47	18°33	3°42	12°47	29°34	29°22	11° 8	1° 0	F 16
S 17	0 15 7	1°50'13	27°57	13°57	15° 0	2°16	17°39	15°44	18°31	3°41	12°46	29°34	29°18	11°15	0°58	S 17
S 18	0 19 4	2°49'24	11♊59	14°56	14°31	2°45	17°35	15°42	18°29	3°41	12°45	29°34	29°15	11°22	0°55	S 18
M19	0 23 0	3°48'37	26° 8	16° 3	14° 0	3°13	17°32	15°40	18°26	3°40	12°44	29°33	29°12	11°29	0°53	M19
T 20	0 26 57	4°47'52	10♋20	17°16	13°28	3°42	17°29	15°38	18°24	3°39	12°43	29°D33	29° 9	11°35	0°50	T 20
W21	0 30 53	5°47'09	24°34	18°34	12°54	4° 9	17°26	15°36	18°21	3°39	12°42	29°34	29° 6	11°42	0°48	W21
T 22	0 34 50	6°46'29	8♌47	19°57	12°20	4°37	17°23	15°34	18°19	3°38	12°41	29°34	29° 3	11°49	0°45	T 22
F 23	0 38 47	7°45'51	22°56	21°24	11°44	5° 4	17°21	15°32	18°17	3°38	12°39	29°35	28°59	11°56	0°42	F 23
S 24	0 42 43	8°45'16	6♍58	22°55	11° 8	5°31	17°18	15°30	18°14	3°37	12°38	29°36	28°56	12° 2	0°40	S 24
S 25	0 46 40	9°44'42	20°51	24°28	10°32	5°58	17°16	15°28	18°12	3°37	12°37	29°36	28°53	12° 9	0°37	S 25
M26	0 50 36	10°44'11	4♎31	26° 3	9°55	6°24	17°14	15°26	18° 9	3°37	12°36	29°R36	28°50	12°16	0°34	M26
T 27	0 54 33	11°43'42	17°56	27°41	9°19	6°50	17°13	15°25	18° 7	3°36	12°35	29°36	28°47	12°22	0°31	T 27
W28	0 58 29	12°43'15	1♏ 5	29°20	8°42	7°15	17°11	15°24	18° 5	3°36	12°34	29°34	28°44	12°29	0°29	W28
T 29	1 2 26	13°42'50	13°56	1♎ 0	8° 7	7°40	17°10	15°22	18° 2	3°36	12°32	29°33	28°40	12°36	0°26	T 29
F 30	1 6 22	14♎42'27	26♏30	2♎41	7♎32	8♋ 5	17♒ 8	15♒21	18♈ 0	3♒35	12♈31	29♍30	28♍37	12♑43	0♉23	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	5n29	10s37	3n 8	1n45	3s20	13s17	6s49	23n17	0s 6	16s23	1s16	17s19	1s27	6n54	0s39	19s22	0s 1	10s56	17s30	0n10	0s 4	18s 7	11n52	0s11
F 2	5 6	13 36	3 59	2 23	3 5	13 28	6 57	23 20	0 5	16 25	1 16	17 20	1 27	6 53	0 39	19 22	0 1	10 56	17 30	0 9	0 2	18 7	11 52	0 12
S 3	4 43	15 53	4 38	3 3	2 48	13 37	7 6	23 22	0 4	16 27	1 16	17 21	1 27	6 53	0 39	19 22	0 1	10 57	17 30	0 9	0 1	18 6	11 51	0 12
S 4	4 20	17 25	5 4	3 43	2 30	13 45	7 13	23 25	0 2	16 29	1 16	17 22	1 27	6 52	0 39	19 22	0 1	10 57	17 30	0 9	0n 0	18 6	11 50	0 12
M 5	3 57	18 10	5 16	4 21	2 11	13 52	7 21	23 27	0 1	16 31	1 16	17 23	1 27	6 51	0 39	19 23	0 1	10 58	17 30	0 9	0 1	18 6	11 49	0 12
T 6	3 34	18 7	5 14	4 58	1 52	13 58	7 28	23 29	0n 0	16 32	1 15	17 24	1 27	6 50	0 39	19 23	0 1	10 58	17 30	0 9	0 3	18 5	11 49	0 12
W 7	3 11	17 15	4 59	5 33	1 32	14 3	7 35	23 31	0 2	16 34	1 15	17 25	1 27	6 49	0 39	19 23	0 1	10 59	17 30	0 9	0 4	18 5	11 48	0 12
T 8	2 48	15 38	4 31	6 5	1 11	14 6	7 42	23 33	0 3	16 35	1 15	17 26	1 27	6 49	0 39	19 23	0 1	10 59	17 31	0 10	0 5	18 5	11 47	0 12
F 9	2 24	13 19	3 51	6 33	0 52	14 8	7 48	23 35	0 4	16 37	1 15	17 27	1 27	6 48	0 39	19 23	0 1	11 0	17 31	0 10	0 6	18 4	11 46	0 12
S 10	2 1	10 21	2 59	6 56	0 32	14 8	7 53	23 37	0 6	16 38	1 15	17 27	1 27	6 47	0 39	19 24	0 1	11 0	17 31	0 10	0 8	18 4	11 45	0 12
S 11	1 37	6 52	1 58	7 15	0 14	14 8	7 58	23 38	0 7	16 40	1 15	17 28	1 27	6 46	0 39	19 24	0 1	11 1	17 31	0 10	0 9	18 4	11 44	0 12
M12	1 14	3 1	0 50	7 30	0n 4	14 5	8 3	23 40	0 8	16 41	1 15	17 29	1 27	6 45	0 39	19 24	0 1	11 2	17 31	0 10	0 10	18 3	11 43	0 13
T 13	0 50	1n 4	0s22	7 39	0 21	14 1	8 6	23 41	0 10	16 42	1 15	17 30	1 27	6 44	0 39	19 24	0 1	11 2	17 31	0 10	0 11	18 3	11 43	0 13
W14	0 27	5 11	1 34	7 44	0 36	13 56	8 10	23 42	0 11	16 44	1 15	17 31	1 27	6 44	0 39	19 25	0 1	11 3	17 31	0 10	0 13	18 3	11 42	0 13
T 15	0 3	9 5	2 43	7 43	0 50	13 49	8 12	23 44	0 13	16 45	1 15	17 31	1 27	6 43	0 39	19 25	0 1	11 3	17 31	0 10	0 14	18 2	11 41	0 13
F 16	0s20	12 34	3 43	7 38	1 2	13 41	8 14	23 45	0 14	16 46	1 15	17 32	1 26	6 42	0 39	19 25	0 1	11 3	17 31	0 10	0 15	18 2	11 40	0 13
S 17	0 44	15 23	4 30	7 28	1 14	13 31	8 15	23 46	0 16	16 47	1 15	17 33	1 26	6 41	0 39	19 25	0 1	11 4	17 31	0 10	0 17	18 2	11 39	0 13
S 18	1 8	17 19	5 2	7 14	1 24	13 20	8 15	23 47	0 17	16 48	1 14	17 34	1 26	6 40	0 39	19 25	0 1	11 4	17 31	0 11	0 18	18 1	11 38	0 13
M19	1 31	18 12	5 16	6 56	1 32	13 7	8 14	23 48	0 19	16 49	1 14	17 34	1 26	6 39	0 39	19 25	0 1	11 5	17 31	0 11	0 19	18 1	11 37	0 13
T 20	1 55	17 56	5 11	6 34	1 39	12 53	8 12	23 48	0 20	16 50	1 14	17 35	1 26	6 38	0 39	19 26	0 1	11 5	17 32	0 11	0 20	18 0	11 36	0 13
W21	2 18	16 34	4 47	6 9	1 45	12 37	8 10	23 49	0 22	16 50	1 14	17 35	1 26	6 37	0 39	19 26	0 1	11 6	17 32	0 11	0 22	18 0	11 35	0 13
T 22	2 42	14 10	4 6	5 41	1 50	12 20	8 6	23 50	0 23	16 51	1 14	17 36	1 26	6 36	0 39	19 26	0 1	11 6	17 32	0 10	0 23	18 0	11 34	0 13
F 23	3 5	10 56	3 10	5 10	1 54	12 2	8 2	23 50	0 25	16 52	1 14	17 36	1 26	6 36	0 39	19 26	0 1	11 7	17 32	0 10	0 24	17 59	11 33	0 14
S 24	3 29	7 5	2 2	4 36	1 56	11 43	7 57	23 51	0 26	16 52	1 14	17 37	1 26	6 35	0 39	19 26	0 1	11 7	17 32	0 10	0 25	17 59	11 32	0 14
S 25	3 52	2 54	0 48	4 1	1 58	11 23	7 51	23 51	0 28	16 53	1 14	17 37	1 26	6 34	0 39	19 26	0 1	11 8	17 32	0 10	0 27	17 59	11 31	0 14
M26	4 16	1s23	0n27	3 23	1 59	11 2	7 44	23 52	0 30	16 53	1 14	17 38	1 26	6 33	0 39	19 26	0 2	11 8	17 32	0 10	0 28	17 58	11 30	0 14
T 27	4 39	5 31	1 40	2 44	1 58	10 40	7 36	23 52	0 31	16 54	1 13	17 38	1 26	6 32	0 39	19 26	0 2	11 9	17 32	0 10	0 29	17 58	11 29	0 14
W28	5 2	9 18	2 45	2 4	1 58	10 18	7 27	23 52	0 33	16 54	1 13	17 39	1 26	6 31	0 39	19 26	0 2	11 9	17 32	0 10	0 31	17 57	11 28	0 14
T 29	5 26	12 33	3 41	1 22	1 56	9 55	7 18	23 53	0 35	16 54	1 13	17 39	1 26	6 30	0 39	19 27	0 2	11 9	17 32	0 11	0 32	17 57	11 27	0 14
F 30	5s49	15s 9	4n25	0n40	1n54	9s32	7s 7	23n53	0n37	16s55	1s13	17s39	1s26	6n29	0s39	19s27	0s 2	11s10	17s32	0n12	0n33	17s57	11n25	0s14

Julian Day Number = 2212562.5, Delta T = 09m15s
Ecliptic obliquity = 23°31'19, Nutation = 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°36'49, Lahiri = 14°43'49 Julian Calendar 1 Sept. 1345 == Greg. Calendar 9 Sept. 1345

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ASTRODIENST EPHEMERIS for the year 1345
geocentric

OCTOBER 1345 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	1 10 19	15♎42'05	8♐49	4♎23	6°R58	8♋30	17°R 8	15°R20	17°R57	3°R35	12°R30	29°R28	28♍34	12♉49	0°R20	S 1
S 2	1 14 16	16°41'46	20°56	6° 5	6♎25	8°54	17♒ 7	15♒19	17♈55	3♒35	12♈29	29♍26	28°31	12°56	0♉17	S 2
M 3	1 18 12	17°41'28	2♉53	7°47	5°54	9°17	17° 6	15°18	17°52	3°35	12°28	29°24	28°28	13° 3	0°14	M 3
T 4	1 22 9	18°41'12	14°46	9°29	5°24	9°41	17° 6	15°17	17°50	3°35	12°27	29°D24	28°24	13° 9	0°12	T 4
W 5	1 26 5	19°40'58	26°39	11°12	4°57	10° 4	17°D 6	15°16	17°47	3°34	12°26	29°24	28°21	13°16	0° 9	W 5
T 6	1 30 2	20°40'46	8♒37	12°54	4°31	10°26	17° 6	15°16	17°45	3°34	12°24	29°25	28°18	13°23	0° 6	T 6
F 7	1 33 58	21°40'35	20°44	14°36	4° 7	10°48	17° 6	15°15	17°43	3°34	12°23	29°26	28°15	13°30	0° 3	F 7
S 8	1 37 55	22°40'26	3♓ 5	16°17	3°45	11°10	17° 7	15°15	17°40	3°D34	12°22	29°28	28°12	13°36	29♈59	S 8
S 9	1 41 51	23°40'19	15°43	17°58	3°26	11°31	17° 7	15°14	17°38	3°34	12°21	29°29	28° 9	13°43	29°57	S 9
M10	1 45 48	24°40'13	28°41	19°39	3° 8	11°52	17° 8	15°14	17°35	3°34	12°20	29°R30	28° 5	13°50	29°54	M10
T 11	1 49 44	25°40'09	12♈ 1	21°20	2°54	12°12	17° 9	15°14	17°33	3°35	12°19	29°29	28° 2	13°56	29°51	T 11
W12	1 53 41	26°40'08	25°41	23° 0	2°41	12°32	17°11	15°D14	17°30	3°35	12°18	29°27	27°59	14° 3	29°48	W12
T 13	1 57 38	27°40'08	9♉39	24°39	2°32	12°51	17°12	15°14	17°28	3°35	12°17	29°24	27°56	14°10	29°45	T 13
F 14	2 1 34	28°40'10	23°52	26°19	2°24	13°10	17°14	15°14	17°26	3°35	12°15	29°20	27°53	14°17	29°42	F 14
S 15	2 5 31	29°40'14	8♊14	27°57	2°19	13°29	17°16	15°15	17°23	3°35	12°14	29°15	27°50	14°23	29°39	S 15
S 16	2 9 27	0♏40'21	22°40	29°36	2°D17	13°47	17°18	15°15	17°21	3°36	12°13	29°11	27°46	14°30	29°36	S 16
M17	2 13 24	1°40'29	7♋ 5	1♏13	2°17	14° 4	17°20	15°16	17°18	3°36	12°12	29° 8	27°43	14°37	29°33	M17
T 18	2 17 20	2°40'40	21°23	2°51	2°20	14°21	17°23	15°16	17°16	3°36	12°11	29° 6	27°40	14°43	29°30	T 18
W19	2 21 17	3°40'52	5♌33	4°28	2°24	14°37	17°25	15°17	17°14	3°37	12°10	29°D 5	27°37	14°50	29°27	W19
T 20	2 25 13	4°41'07	19°33	6° 4	2°32	14°53	17°28	15°18	17°11	3°37	12° 9	29° 6	27°34	14°57	29°24	T 20
F 21	2 29 10	5°41'24	3♍21	7°41	2°41	15° 8	17°31	15°19	17° 9	3°37	12° 8	29° 7	27°30	15° 4	29°21	F 21
S 22	2 33 7	6°41'43	16°58	9°16	2°53	15°23	17°34	15°20	17° 7	3°38	12° 7	29° 9	27°27	15°10	29°18	S 22
S 23	2 37 3	7°42'04	0♎24	10°52	3° 7	15°37	17°38	15°21	17° 5	3°38	12° 6	29°R 9	27°24	15°17	29°15	S 23
M24	2 41 0	8°42'26	13°38	12°27	3°23	15°50	17°42	15°22	17° 2	3°39	12° 5	29° 8	27°21	15°24	29°12	M24
T 25	2 44 56	9°42'51	26°41	14° 2	3°41	16° 3	17°45	15°23	17° 0	3°39	12° 4	29° 5	27°18	15°30	29° 9	T 25
W26	2 48 53	10°43'17	9♏32	15°36	4° 1	16°16	17°49	15°25	16°58	3°40	12° 3	29° 0	27°15	15°37	29° 6	W26
T 27	2 52 49	11°43'45	22°10	17°10	4°22	16°27	17°54	15°26	16°56	3°41	12° 2	28°53	27°11	15°44	29° 3	T 27
F 28	2 56 46	12°44'15	4♐36	18°44	4°46	16°38	17°58	15°28	16°54	3°41	12° 1	28°45	27° 8	15°51	29° 1	F 28
S 29	3 0 42	13°44'46	16°50	20°18	5°12	16°48	18° 3	15°30	16°52	3°42	12° 0	28°36	27° 5	15°57	28°58	S 29
S 30	3 4 39	14°45'19	28°54	21°51	5°39	16°58	18° 7	15°31	16°49	3°43	11°59	28°28	27° 2	16° 4	28°55	S 30
M31	3 8 36	15♏45'53	10♑50	23♏24	6♎ 8	17♋ 7	18♒12	15♒33	16♈47	3♒44	11♈58	28♍21	26♍59	16♉11	28♈52	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	6s12	16s59	4n55	0s 3	1n51	9s 8	6s56	23n53	0n38	16s55	1s13	17s40	1s26	6n28	0s39	19s27	0s 2	11s10	17s32	0n13	0n34	17s56	11n24	0s14
S 2	6 35	18 1	5 12	0 47	1 48	8 45	6 45	23 53	0 40	16 55	1 13	17 40	1 26	6 27	0 39	19 27	0 2	11 11	17 32	0 14	0 36	17 56	11 23	0 14
M 3	6 58	18 15	5 15	1 30	1 44	8 21	6 33	23 53	0 42	16 55	1 13	17 40	1 26	6 26	0 39	19 27	0 2	11 11	17 32	0 14	0 37	17 55	11 22	0 14
T 4	7 21	17 40	5 4	2 15	1 40	7 58	6 20	23 54	0 44	16 55	1 12	17 40	1 26	6 25	0 39	19 27	0 2	11 12	17 32	0 15	0 38	17 55	11 21	0 15
W 5	7 43	16 18	4 41	2 59	1 35	7 35	6 7	23 54	0 45	16 55	1 12	17 40	1 25	6 24	0 39	19 27	0 2	11 12	17 31	0 14	0 39	17 55	11 20	0 15
T 6	8 6	14 14	4 5	3 43	1 30	7 12	5 54	23 54	0 47	16 55	1 12	17 40	1 25	6 23	0 39	19 27	0 2	11 12	17 31	0 14	0 41	17 54	11 19	0 15
F 7	8 29	11 31	3 17	4 28	1 25	6 50	5 40	23 54	0 49	16 54	1 12	17 41	1 25	6 23	0 39	19 27	0 2	11 13	17 31	0 14	0 42	17 54	11 18	0 15
S 8	8 51	8 14	2 20	5 12	1 20	6 28	5 26	23 54	0 51	16 54	1 12	17 41	1 25	6 22	0 39	19 27	0 2	11 13	17 31	0 13	0 43	17 53	11 17	0 15
S 9	9 13	4 30	1 15	5 56	1 14	6 8	5 12	23 54	0 53	16 54	1 12	17 41	1 25	6 21	0 39	19 27	0 2	11 13	17 31	0 12	0 44	17 53	11 16	0 15
M10	9 35	0 27	0 4	6 40	1 8	5 48	4 57	23 54	0 55	16 53	1 12	17 41	1 25	6 20	0 39	19 27	0 2	11 14	17 31	0 12	0 46	17 52	11 14	0 15
T 11	9 57	3n43	1s 8	7 23	1 2	5 28	4 43	23 54	0 57	16 53	1 11	17 41	1 25	6 19	0 39	19 27	0 2	11 14	17 31	0 12	0 47	17 52	11 13	0 15
W12	10 19	7 48	2 19	8 6	0 56	5 10	4 28	23 54	0 59	16 52	1 11	17 41	1 25	6 18	0 39	19 27	0 2	11 14	17 31	0 13	0 48	17 52	11 12	0 15
T 13	10 41	11 33	3 22	8 49	0 50	4 53	4 13	23 55	1 1	16 52	1 11	17 40	1 25	6 17	0 39	19 27	0 2	11 15	17 31	0 14	0 50	17 51	11 11	0 15
F 14	11 2	14 41	4 15	9 31	0 43	4 37	3 59	23 55	1 3	16 51	1 11	17 40	1 25	6 16	0 39	19 27	0 2	11 15	17 31	0 16	0 51	17 51	11 10	0 15
S 15	11 24	16 57	4 52	10 13	0 37	4 21	3 44	23 55	1 5	16 50	1 11	17 40	1 25	6 15	0 39	19 27	0 2	11 15	17 31	0 18	0 52	17 50	11 9	0 15
S 16	11 45	18 9	5 10	10 54	0 30	4 7	3 30	23 55	1 7	16 50	1 11	17 40	1 25	6 14	0 39	19 27	0 2	11 16	17 30	0 20	0 53	17 50	11 8	0 16
M17	12 6	18 11	5 9	11 34	0 23	3 54	3 16	23 55	1 9	16 49	1 11	17 40	1 25	6 13	0 39	19 27	0 2	11 16	17 30	0 21	0 55	17 49	11 6	0 16
T 18	12 27	17 3	4 49	12 14	0 17	3 42	3 2	23 56	1 11	16 48	1 10	17 40	1 25	6 13	0 39	19 27	0 2	11 16	17 30	0 22	0 56	17 49	11 5	0 16
W19	12 47	14 53	4 11	12 54	0 10	3 32	2 48	23 56	1 14	16 47	1 10	17 39	1 24	6 12	0 39	19 27	0 2	11 17	17 30	0 22	0 57	17 48	11 4	0 16
T 20	13 8	11 51	3 19	13 32	0 3	3 22	2 34	23 57	1 16	16 46	1 10	17 39	1 24	6 11	0 39	19 26	0 2	11 17	17 30	0 22	0 58	17 48	11 3	0 16
F 21	13 28	8 12	2 16	14 10	0s 3	3 13	2 21	23 57	1 18	16 45	1 10	17 39	1 24	6 10	0 39	19 26	0 2	11 17	17 30	0 21	1 0	17 47	11 2	0 16
S 22	13 48	4 9	1 6	14 47	0 10	3 6	2 8	23 58	1 20	16 44	1 10	17 38	1 24	6 9	0 39	19 26	0 2	11 17	17 30	0 20	1 1	17 47	11 1	0 16
S 23	14 8	0s 3	0n 7	15 24	0 17	3 0	1 55	23 58	1 23	16 42	1 10	17 38	1 24	6 8	0 39	19 26	0 2	11 18	17 29	0 20	1 2	17 47	11 0	0 16
M24	14 27	4 12	1 18	16 0	0 23	2 55	1 42	23 59	1 25	16 41	1 9	17 37	1 24	6 7	0 39	19 26	0 2	11 18	17 29	0 21	1 3	17 46	10 59	0 16
T 25	14 46	8 5	2 24	16 35	0 30	2 51	1 30	24 0	1 27	16 40	1 9	17 37	1 24	6 7	0 39	19 26	0 2	11 18	17 29	0 22	1 5	17 46	10 57	0 16
W26	15 5	11 32	3 21	17 9	0 36	2 47	1 18	24 1	1 30	16 38	1 9	17 36	1 24	6 6	0 39	19 26	0 2	11 18	17 29	0 24	1 6	17 45	10 56	0 16
T 27	15 24	14 23	4 7	17 42	0 43	2 45	1 6	24 1	1 32	16 37	1 9	17 36	1 24	6 5	0 38	19 26	0 2	11 18	17 29	0 27	1 7	17 45	10 55	0 16
F 28	15 43	16 31	4 41	18 14	0 49	2 44	0 55	24 3	1 34	16 35	1 9	17 35	1 24	6 4	0 38	19 25	0 2	11 19	17 29	0 30	1 9	17 44	10 54	0 17
S 29	16 1	17 52	5 1	18 46	0 55	2 44	0 44	24 4	1 37	16 34	1 9	17 35	1 24	6 3	0 38	19 25	0 2	11 19	17 28	0 34	1 10	17 44	10 53	0 17
S 30	16 19	18 23	5 8	19 17	1 1	2 45	0 33	24 5	1 39	16 32	1 9	17 34	1 24	6 3	0 38	19 25	0 2	11 19	17 28	0 37	1 11	17 43	10 52	0 17
M31	16s37	18s 5	5n 0	19s46	1s 7	2s47	0s22	24n 6	1n42	16s31	1s 8	17s33	1s24	6n 2	0s38	19s25	0s 2	11s19	17s28	0n40	1n12	17s43	10n51	0s17

Julian Day Number = 2212592.5, Delta T = 09m15s
Ecliptic obliquity = 23°31'18, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°36'53, Lahiri = 14°43'54 Julian Calendar 1 Oct. 1345 == Greg. Calendar 9 Oct. 1345

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ASTRODIENST EPHEMERIS for the year 1345
geocentric

NOVEMBER 1345 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	3 12 32	16♏46'28	22♑42	24♏57	6♎38	17♋15	18♒18	15♒35	16°R45	3♒44	11°R57	28°R15	26♍55	16♑17	28°R49	T 1
W 2	3 16 29	17°47'05	4♒32	26°30	7°10	17°23	18°23	15°38	16♈43	3°45	11♈56	28♍12	26°52	16°24	28♈46	W 2
T 3	3 20 25	18°47'43	16°27	28° 3	7°44	17°30	18°28	15°40	16°41	3°46	11°55	28°D11	26°49	16°31	28°44	T 3
F 4	3 24 22	19°48'22	28°30	29°35	8°18	17°36	18°34	15°42	16°39	3°47	11°54	28°11	26°46	16°38	28°41	F 4
S 5	3 28 18	20°49'02	10♓48	1♐ 7	8°55	17°41	18°40	15°45	16°38	3°48	11°54	28°12	26°43	16°44	28°38	S 5
S 6	3 32 15	21°49'44	23°25	2°39	9°32	17°46	18°46	15°47	16°36	3°49	11°53	28°R13	26°40	16°51	28°35	S 6
M 7	3 36 11	22°50'26	6♈26	4°10	10°11	17°50	18°52	15°50	16°34	3°50	11°52	28°13	26°36	16°58	28°33	M 7
T 8	3 40 8	23°51'10	19°53	5°42	10°51	17°53	18°58	15°52	16°32	3°51	11°51	28°11	26°33	17° 4	28°30	T 8
W 9	3 44 5	24°51'54	3♉46	7°13	11°33	17°55	19° 5	15°55	16°30	3°52	11°50	28° 6	26°30	17°11	28°28	W 9
T 10	3 48 1	25°52'40	18° 5	8°44	12°15	17°57	19°12	15°58	16°28	3°53	11°49	27°59	26°27	17°18	28°25	T 10
F 11	3 51 58	26°53'28	2♊43	10°15	12°59	17°R57	19°19	16° 1	16°27	3°54	11°49	27°50	26°24	17°25	28°22	F 11
S 12	3 55 54	27°54'16	17°34	11°46	13°43	17°57	19°26	16° 4	16°25	3°55	11°48	27°41	26°21	17°31	28°20	S 12
S 13	3 59 51	28°55'06	2♋29	13°16	14°29	17°56	19°33	16° 7	16°23	3°57	11°47	27°31	26°17	17°38	28°17	S 13
M14	4 3 47	29°55'58	17°18	14°46	15°16	17°55	19°40	16°11	16°22	3°58	11°47	27°23	26°14	17°45	28°15	M14
T 15	4 7 44	0♐56'50	1♌55	16°15	16° 3	17°52	19°48	16°14	16°20	3°59	11°46	27°17	26°11	17°51	28°13	T 15
W16	4 11 40	1°57'44	16°15	17°44	16°52	17°49	19°55	16°18	16°19	4° 0	11°45	27°14	26° 8	17°58	28°10	W16
T 17	4 15 37	2°58'40	0♍15	19°13	17°41	17°45	20° 3	16°21	16°17	4° 2	11°44	27°D13	26° 5	18° 5	28° 8	T 17
F 18	4 19 34	3°59'36	13°56	20°41	18°32	17°40	20°11	16°25	16°16	4° 3	11°44	27°13	26° 1	18°12	28° 6	F 18
S 19	4 23 30	5° 0'34	27°19	22° 8	19°23	17°34	20°19	16°29	16°15	4° 4	11°43	27°R14	25°58	18°18	28° 3	S 19
S 20	4 27 27	6° 1'34	10♎26	23°34	20°14	17°27	20°27	16°32	16°13	4° 6	11°43	27°13	25°55	18°25	28° 1	S 20
M21	4 31 23	7° 2'34	23°20	25° 0	21° 7	17°19	20°36	16°36	16°12	4° 7	11°42	27°10	25°52	18°32	27°59	M21
T 22	4 35 20	8° 3'36	6♏ 2	26°24	22° 0	17°11	20°44	16°40	16°11	4° 8	11°41	27° 4	25°49	18°38	27°57	T 22
W23	4 39 16	9° 4'38	18°34	27°47	22°54	17° 1	20°53	16°44	16° 9	4°10	11°41	26°55	25°46	18°45	27°55	W23
T 24	4 43 13	10° 5'42	0♐56	29° 9	23°49	16°51	21° 2	16°48	16° 8	4°11	11°40	26°44	25°42	18°52	27°53	T 24
F 25	4 47 9	11° 6'46	13°10	0♑28	24°44	16°40	21°11	16°53	16° 7	4°13	11°40	26°30	25°39	18°59	27°51	F 25
S 26	4 51 6	12° 7'52	25°16	1°46	25°40	16°28	21°20	16°57	16° 6	4°15	11°39	26°16	25°36	19° 5	27°49	S 26
S 27	4 55 3	13° 8'58	7♑15	3° 1	26°37	16°16	21°29	17° 1	16° 5	4°16	11°39	26° 1	25°33	19°12	27°47	S 27
M28	4 58 59	14°10'04	19° 8	4°13	27°34	16° 2	21°38	17° 6	16° 4	4°18	11°38	25°49	25°30	19°19	27°45	M28
T 29	5 2 56	15°11'11	0♒58	5°22	28°31	15°48	21°48	17°10	16° 3	4°19	11°38	25°39	25°27	19°25	27°43	T 29
W30	5 6 52	16♐12'19	12♒47	6♑27	29♎29	15♋33	21♒57	17♒15	16♈ 2	4♒21	11♈38	25♍32	25♍23	19♑32	27♈42	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	16s54	17s 0	4n40	20s15	1s13	2s50	0s12	24n 8	1n44	16s29	1s 8	17s33	1s24	6n 1	0s38	19s25	0s 2	11s19	17s28	0n42	1n14	17s42	10n50	0s17
W 2	17 12	15 10	4 8	20 43	1 19	2 53	0 2	24 9	1 47	16 27	1 8	17 32	1 23	6 0	0 38	19 25	0 2	11 19	17 28	0 43	1 15	17 42	10 49	0 17
T 3	17 28	12 42	3 25	21 10	1 24	2 58	0n 7	24 11	1 49	16 25	1 8	17 31	1 23	6 0	0 38	19 24	0 2	11 20	17 27	0 44	1 16	17 41	10 48	0 17
F 4	17 45	9 39	2 33	21 35	1 30	3 3	0 17	24 13	1 52	16 23	1 8	17 31	1 23	5 59	0 38	19 24	0 2	11 20	17 27	0 43	1 17	17 41	10 47	0 17
S 5	18 1	6 7	1 32	22 0	1 35	3 9	0 26	24 15	1 55	16 21	1 8	17 30	1 23	5 58	0 38	19 24	0 2	11 20	17 27	0 43	1 19	17 40	10 46	0 17
S 6	18 17	2 14	0 26	22 24	1 40	3 16	0 34	24 17	1 57	16 19	1 7	17 29	1 23	5 57	0 38	19 24	0 2	11 20	17 27	0 43	1 20	17 40	10 44	0 17
M 7	18 33	1n53	0s44	22 46	1 45	3 24	0 43	24 19	2 0	16 17	1 7	17 28	1 23	5 57	0 38	19 24	0 2	11 20	17 26	0 43	1 21	17 39	10 43	0 17
T 8	18 48	6 3	1 53	23 7	1 49	3 32	0 51	24 21	2 3	16 15	1 7	17 27	1 23	5 56	0 38	19 23	0 2	11 20	17 26	0 44	1 22	17 39	10 42	0 17
W 9	19 3	10 1	2 58	23 27	1 54	3 41	0 59	24 23	2 5	16 13	1 7	17 26	1 23	5 55	0 38	19 23	0 2	11 20	17 26	0 45	1 24	17 38	10 41	0 18
T 10	19 18	13 32	3 54	23 46	1 58	3 51	1 6	24 26	2 8	16 11	1 7	17 25	1 23	5 55	0 38	19 23	0 2	11 20	17 26	0 48	1 25	17 38	10 40	0 18
F 11	19 32	16 16	4 35	24 4	2 2	4 1	1 13	24 28	2 11	16 8	1 7	17 24	1 23	5 54	0 38	19 23	0 2	11 20	17 25	0 52	1 26	17 37	10 39	0 18
S 12	19 46	17 58	4 59	24 20	2 5	4 12	1 20	24 31	2 14	16 6	1 7	17 23	1 23	5 53	0 38	19 22	0 2	11 20	17 25	0 56	1 28	17 37	10 38	0 18
S 13	19 59	18 27	5 3	24 36	2 8	4 24	1 27	24 34	2 16	16 4	1 6	17 22	1 23	5 53	0 38	19 22	0 2	11 20	17 25	0 59	1 29	17 36	10 38	0 18
M14	20 12	17 40	4 46	24 49	2 11	4 36	1 34	24 37	2 19	16 1	1 6	17 21	1 23	5 52	0 38	19 22	0 2	11 20	17 24	1 3	1 30	17 35	10 37	0 18
T 15	20 25	15 44	4 11	25 2	2 14	4 48	1 40	24 40	2 22	15 59	1 6	17 20	1 23	5 52	0 38	19 21	0 2	11 20	17 24	1 5	1 31	17 35	10 36	0 18
W16	20 38	12 50	3 20	25 13	2 16	5 1	1 46	24 43	2 25	15 56	1 6	17 19	1 22	5 51	0 38	19 21	0 2	11 20	17 24	1 6	1 33	17 34	10 35	0 18
T 17	20 50	9 16	2 18	25 22	2 18	5 15	1 51	24 47	2 28	15 53	1 6	17 18	1 22	5 51	0 38	19 21	0 2	11 20	17 24	1 7	1 34	17 34	10 34	0 18
F 18	21 1	5 16	1 10	25 30	2 19	5 29	1 57	24 50	2 30	15 51	1 6	17 17	1 22	5 50	0 38	19 21	0 2	11 20	17 23	1 7	1 35	17 33	10 33	0 18
S 19	21 12	1 5	0n 0	25 37	2 20	5 44	2 2	24 54	2 33	15 48	1 6	17 16	1 22	5 50	0 38	19 20	0 2	11 20	17 23	1 6	1 36	17 33	10 32	0 18
S 20	21 23	3s 5	1 10	25 42	2 21	5 59	2 7	24 58	2 36	15 45	1 6	17 14	1 22	5 49	0 38	19 20	0 2	11 20	17 23	1 7	1 38	17 32	10 31	0 18
M21	21 34	7 1	2 14	25 46	2 21	6 14	2 12	25 1	2 39	15 43	1 5	17 13	1 22	5 49	0 38	19 20	0 2	11 20	17 22	1 8	1 39	17 32	10 30	0 18
T 22	21 44	10 35	3 10	25 48	2 20	6 30	2 16	25 5	2 42	15 40	1 5	17 12	1 22	5 48	0 38	19 19	0 2	11 20	17 22	1 10	1 40	17 31	10 30	0 18
W23	21 53	13 37	3 57	25 49	2 19	6 46	2 20	25 9	2 45	15 37	1 5	17 11	1 22	5 48	0 38	19 19	0 2	11 20	17 22	1 14	1 41	17 31	10 29	0 19
T 24	22 2	16 0	4 31	25 48	2 17	7 2	2 25	25 14	2 48	15 34	1 5	17 9	1 22	5 47	0 38	19 19	0 2	11 20	17 21	1 18	1 43	17 30	10 28	0 19
F 25	22 11	17 37	4 52	25 45	2 14	7 19	2 28	25 18	2 50	15 31	1 5	17 8	1 22	5 47	0 38	19 18	0 2	11 20	17 21	1 24	1 44	17 29	10 27	0 19
S 26	22 19	18 26	5 0	25 41	2 11	7 36	2 32	25 22	2 53	15 28	1 5	17 6	1 22	5 47	0 38	19 18	0 2	11 20	17 21	1 30	1 45	17 29	10 26	0 19
S 27	22 27	18 25	4 55	25 36	2 7	7 53	2 35	25 26	2 56	15 25	1 5	17 5	1 22	5 46	0 38	19 18	0 2	11 19	17 20	1 35	1 47	17 28	10 26	0 19
M28	22 35	17 36	4 36	25 29	2 2	8 10	2 39	25 31	2 59	15 22	1 5	17 4	1 22	5 46	0 38	19 17	0 2	11 19	17 20	1 40	1 48	17 28	10 25	0 19
T 29	22 42	16 1	4 6	25 21	1 56	8 28	2 42	25 35	3 2	15 18	1 4	17 2	1 22	5 45	0 38	19 17	0 2	11 19	17 20	1 44	1 49	17 27	10 24	0 19
W30	22s48	13s45	3n25	25s11	1s49	8s46	2n44	25n40	3n 4	15s15	1s 4	17s 1	1s22	5n45	0s38	19s16	0s 2	11s19	17s19	1n47	1n50	17s27	10n24	0s19

Julian Day Number = 2212623.5, Delta T = 09m15s
Ecliptic obliquity = 23°31'18, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°36'57, Lahiri = 14°43'58 Julian Calendar 1 Nov. 1345 == Greg. Calendar 9 Nov. 1345

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ASTRODIENST EPHEMERIS for the year 1345
geocentric

DECEMBER 1345 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	5 10 49	17♐13'26	24♒39	7♑27	0♏28	15°R17	22♒ 7	17♒20	16°R 1	4♒23	11°R37	25°R27	25♍20	19♑39	27°R40	T 1
F 2	5 14 45	18°14'34	6♓39	8°22	1°27	15♋ 1	22°17	17°25	16♈ 1	4°24	11♈37	25♍25	25°17	19°46	27♈38	F 2
S 3	5 18 42	19°15'43	18°52	9°11	2°27	14°43	22°27	17°30	16° 0	4°26	11°36	25°25	25°14	19°52	27°37	S 3
S 4	5 22 38	20°16'51	1♈24	9°53	3°27	14°25	22°37	17°34	15°59	4°28	11°36	25°25	25°11	19°59	27°35	S 4
M 5	5 26 35	21°18'00	14°19	10°28	4°27	14° 7	22°47	17°39	15°59	4°30	11°36	25°24	25° 7	20° 6	27°34	M 5
T 6	5 30 32	22°19'08	27°41	10°54	5°28	13°48	22°58	17°45	15°58	4°31	11°36	25°21	25° 4	20°12	27°32	T 6
W 7	5 34 28	23°20'17	11♉34	11°11	6°29	13°28	23° 8	17°50	15°57	4°33	11°35	25°16	25° 1	20°19	27°31	W 7
T 8	5 38 25	24°21'26	25°57	11°R17	7°31	13° 7	23°19	17°55	15°57	4°35	11°35	25° 7	24°58	20°26	27°29	T 8
F 9	5 42 21	25°22'36	10♊46	11°12	8°33	12°47	23°29	18° 0	15°56	4°37	11°35	24°57	24°55	20°33	27°28	F 9
S 10	5 46 18	26°23'45	25°53	10°56	9°36	12°25	23°40	18° 6	15°56	4°39	11°35	24°45	24°52	20°39	27°27	S 10
S 11	5 50 14	27°24'55	11♋ 9	10°27	10°38	12° 3	23°51	18°11	15°56	4°41	11°34	24°33	24°48	20°46	27°26	S 11
M12	5 54 11	28°26'05	26°22	9°47	11°42	11°41	24° 2	18°17	15°55	4°43	11°34	24°23	24°45	20°53	27°25	M12
T 13	5 58 7	29°27'15	11♌21	8°56	12°45	11°18	24°13	18°22	15°55	4°44	11°34	24°15	24°42	20°59	27°24	T 13
W14	6 2 4	0♑28'25	26° 0	7°55	13°49	10°55	24°25	18°28	15°55	4°46	11°34	24°10	24°39	21° 6	27°23	W14
T 15	6 6 1	1°29'36	10♍13	6°46	14°53	10°32	24°36	18°33	15°55	4°48	11°34	24° 8	24°36	21°13	27°22	T 15
F 16	6 9 57	2°30'47	24° 0	5°30	15°58	10° 9	24°47	18°39	15°55	4°50	11°34	24°D 8	24°33	21°20	27°21	F 16
S 17	6 13 54	3°31'58	7♎23	4°10	17° 2	9°45	24°59	18°45	15°D55	4°52	11°34	24°R 8	24°29	21°26	27°20	S 17
S 18	6 17 50	4°33'10	20°24	2°49	18° 7	9°21	25°10	18°51	15°55	4°54	11°D34	24° 7	24°26	21°33	27°19	S 18
M19	6 21 47	5°34'21	3♏ 8	1°29	19°13	8°57	25°22	18°57	15°55	4°56	11°34	24° 4	24°23	21°40	27°19	M19
T 20	6 25 43	6°35'33	15°37	0°13	20°18	8°33	25°34	19° 3	15°55	4°58	11°34	23°58	24°20	21°46	27°18	T 20
W21	6 29 40	7°36'45	27°55	29♐ 3	21°24	8° 9	25°46	19° 9	15°55	5° 1	11°34	23°50	24°17	21°53	27°18	W21
T 22	6 33 36	8°37'57	10♐ 4	28° 0	22°30	7°45	25°58	19°15	15°55	5° 3	11°34	23°38	24°13	22° 0	27°17	T 22
F 23	6 37 33	9°39'09	22° 7	27° 7	23°37	7°21	26°10	19°21	15°56	5° 5	11°34	23°25	24°10	22° 6	27°17	F 23
S 24	6 41 30	10°40'20	4♑ 5	26°23	24°43	6°57	26°22	19°27	15°56	5° 7	11°34	23°10	24° 7	22°13	27°16	S 24
S 25	6 45 26	11°41'31	15°58	25°48	25°50	6°34	26°34	19°33	15°57	5° 9	11°34	22°56	24° 4	22°20	27°16	S 25
M26	6 49 23	12°42'42	27°49	25°24	26°57	6°10	26°47	19°40	15°57	5°11	11°35	22°44	24° 1	22°27	27°16	M26
T 27	6 53 19	13°43'53	9♒39	25° 9	28° 4	5°47	26°59	19°46	15°57	5°13	11°35	22°33	23°58	22°33	27°15	T 27
W28	6 57 16	14°45'02	21°30	25°D 3	29°11	5°25	27°12	19°52	15°58	5°15	11°35	22°26	23°54	22°40	27°15	W28
T 29	7 1 12	15°46'11	3♓24	25° 6	0♐19	5° 2	27°24	19°59	15°59	5°18	11°35	22°22	23°51	22°47	27°15	T 29
F 30	7 5 9	16°47'20	15°25	25°17	1°27	4°40	27°37	20° 5	15°59	5°20	11°36	22°20	23°48	22°53	27°D15	F 30
S 31	7 9 6	17♑48'27	27♓38	25♐35	2♐35	4♋19	27♒50	20♒12	16♈ 0	5♒22	11♈36	22°D19	23♍45	23♑ 0	27♈15	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22s54	10s55	2n35	25s 0	1s41	9s 4	2n47	25n44	3n 7	15s12	1s 4	16s59	1s22	5n45	0s37	19s16	0s 2	11s19	17s19	1n49	1n52	17s26	10n23	0s19
F 2	23 0	7 35	1 38	24 47	1 32	9 22	2 49	25 49	3 10	15 8	1 4	16 58	1 22	5 45	0 37	19 16	0 2	11 19	17 19	1 50	1 53	17 25	10 22	0 19
S 3	23 5	3 53	0 35	24 34	1 22	9 41	2 51	25 53	3 12	15 5	1 4	16 56	1 21	5 44	0 37	19 15	0 2	11 19	17 18	1 50	1 54	17 25	10 22	0 19
S 4	23 10	0n 4	0s32	24 20	1 11	9 59	2 53	25 58	3 15	15 2	1 4	16 55	1 21	5 44	0 37	19 15	0 2	11 18	17 18	1 50	1 55	17 24	10 21	0 19
M 5	23 14	4 9	1 38	24 4	0 58	10 18	2 55	26 2	3 17	14 58	1 4	16 53	1 21	5 44	0 37	19 14	0 2	11 18	17 18	1 50	1 57	17 24	10 20	0 19
T 6	23 18	8 10	2 42	23 48	0 44	10 36	2 57	26 7	3 20	14 55	1 4	16 51	1 21	5 44	0 37	19 14	0 2	11 18	17 17	1 51	1 58	17 23	10 20	0 19
W 7	23 21	11 54	3 38	23 32	0 29	10 55	2 58	26 11	3 22	14 51	1 4	16 50	1 21	5 44	0 37	19 14	0 2	11 18	17 17	1 53	1 59	17 23	10 19	0 20
T 8	23 24	15 3	4 23	23 15	0 13	11 14	3 0	26 16	3 25	14 48	1 3	16 48	1 21	5 43	0 37	19 13	0 2	11 17	17 17	1 57	2 0	17 22	10 19	0 20
F 9	23 26	17 20	4 51	22 58	0n 5	11 33	3 1	26 20	3 27	14 44	1 3	16 46	1 21	5 43	0 37	19 13	0 2	11 17	17 16	2 1	2 2	17 21	10 18	0 20
S 10	23 28	18 28	5 0	22 41	0 23	11 52	3 2	26 24	3 29	14 40	1 3	16 45	1 21	5 43	0 37	19 12	0 2	11 17	17 16	2 6	2 3	17 21	10 18	0 20
S 11	23 30	18 16	4 48	22 24	0 42	12 10	3 3	26 29	3 31	14 37	1 3	16 43	1 21	5 43	0 37	19 12	0 2	11 17	17 16	2 10	2 4	17 20	10 17	0 20
M12	23 31	16 46	4 15	22 8	1 2	12 29	3 3	26 33	3 33	14 33	1 3	16 41	1 21	5 43	0 37	19 11	0 2	11 16	17 15	2 14	2 5	17 19	10 17	0 20
T 13	23 31	14 9	3 25	21 52	1 22	12 48	3 4	26 37	3 35	14 29	1 3	16 40	1 21	5 43	0 37	19 11	0 2	11 16	17 15	2 17	2 7	17 19	10 16	0 20
W14	23 31	10 39	2 23	21 36	1 41	13 7	3 4	26 41	3 37	14 25	1 3	16 38	1 21	5 43	0 37	19 10	0 2	11 16	17 14	2 19	2 8	17 18	10 16	0 20
T 15	23 31	6 38	1 13	21 21	2 0	13 25	3 4	26 44	3 39	14 21	1 3	16 36	1 21	5 43	0 37	19 10	0 2	11 16	17 14	2 20	2 9	17 18	10 15	0 20
F 16	23 30	2 23	0 1	21 7	2 17	13 44	3 4	26 48	3 41	14 17	1 3	16 34	1 21	5 43	0 37	19 10	0 2	11 15	17 14	2 20	2 11	17 17	10 15	0 20
S 17	23 28	1s53	1n10	20 55	2 33	14 2	3 4	26 52	3 42	14 13	1 3	16 32	1 21	5 43	0 37	19 9	0 2	11 15	17 13	2 20	2 12	17 16	10 15	0 20
S 18	23 27	5 56	2 14	20 43	2 47	14 21	3 4	26 55	3 44	14 9	1 3	16 30	1 21	5 43	0 37	19 9	0 2	11 15	17 13	2 21	2 13	17 16	10 14	0 20
M19	23 24	9 37	3 11	20 33	2 58	14 39	3 3	26 58	3 45	14 5	1 2	16 29	1 21	5 43	0 37	19 8	0 2	11 14	17 13	2 22	2 14	17 15	10 14	0 20
T 20	23 21	12 48	3 57	20 24	3 7	14 57	3 3	27 1	3 47	14 1	1 2	16 27	1 21	5 43	0 37	19 8	0 2	11 14	17 12	2 24	2 16	17 15	10 14	0 20
W21	23 18	15 22	4 31	20 18	3 13	15 15	3 2	27 4	3 48	13 57	1 2	16 25	1 21	5 43	0 37	19 7	0 2	11 14	17 12	2 28	2 17	17 14	10 14	0 20
T 22	23 14	17 13	4 52	20 13	3 17	15 32	3 1	27 6	3 49	13 53	1 2	16 23	1 21	5 43	0 37	19 7	0 2	11 13	17 12	2 32	2 18	17 13	10 13	0 21
F 23	23 10	18 17	5 0	20 10	3 19	15 50	3 0	27 9	3 50	13 49	1 2	16 21	1 21	5 43	0 37	19 6	0 2	11 13	17 11	2 37	2 19	17 13	10 13	0 21
S 24	23 5	18 32	4 55	20 10	3 19	16 7	2 59	27 11	3 51	13 45	1 2	16 19	1 21	5 44	0 37	19 6	0 2	11 12	17 11	2 43	2 21	17 12	10 13	0 21
S 25	23 0	17 58	4 37	20 11	3 17	16 24	2 58	27 13	3 52	13 40	1 2	16 17	1 21	5 44	0 37	19 5	0 2	11 12	17 10	2 49	2 22	17 11	10 13	0 21
M26	22 55	16 38	4 7	20 14	3 13	16 40	2 57	27 15	3 53	13 36	1 2	16 15	1 21	5 44	0 37	19 5	0 2	11 12	17 10	2 54	2 23	17 11	10 13	0 21
T 27	22 49	14 35	3 26	20 19	3 7	16 57	2 56	27 17	3 54	13 32	1 2	16 13	1 21	5 44	0 37	19 4	0 2	11 11	17 10	2 58	2 24	17 10	10 12	0 21
W28	22 42	11 55	2 36	20 25	3 1	17 13	2 54	27 19	3 54	13 27	1 2	16 11	1 21	5 45	0 36	19 4	0 2	11 11	17 9	3 1	2 26	17 9	10 12	0 21
T 29	22 35	8 45	1 39	20 32	2 54	17 29	2 52	27 20	3 55	13 23	1 2	16 9	1 21	5 45	0 36	19 3	0 2	11 10	17 9	3 3	2 27	17 9	10 12	0 21
F 30	22 28	5 12	0 37	20 41	2 46	17 44	2 51	27 21	3 55	13 18	1 2	16 7	1 21	5 45	0 36	19 3	0 2	11 10	17 9	3 3	2 28	17 8	10 12	0 21
S 31	22s20	1s23	0s28	20s50	2n37	17s59	2n49	27n22	3n55	13s14	1s 2	16s 5	1s21	5n45	0s36	19s 2	0s 3	11s 9	17s 8	3n 3	2n29	17s 7	10n12	0s21

Julian Day Number = 2212653.5, Delta T = 09m15s
Ecliptic obliquity = 23°31'17, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°37'02, Lahiri = 14°44'02 Julian Calendar 1 Dec. 1345 == Greg. Calendar 9 Dec. 1345

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ASTRODIENST EPHEMERIS for the year 1346
geocentric

JANUARY 1346 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	7 13 2	18♉49'34	10♈ 6	26♐ 0	3♐43	3°R58	28♒ 2	20♒18	16♈ 1	5♒24	11♈36	22♍20	23♍42	23♉ 7	27♈15	S 1
M 2	7 16 59	19°50'40	22°55	26°31	4°51	3♋37	28°15	20°25	16° 2	5°26	11°36	22°R20	23°39	23°14	27°16	M 2
T 3	7 20 55	20°51'44	6♉ 9	27° 7	5°59	3°18	28°28	20°32	16° 2	5°29	11°37	22°19	23°35	23°20	27°16	T 3
W 4	7 24 52	21°52'48	19°51	27°49	7° 8	2°58	28°41	20°38	16° 3	5°31	11°37	22°16	23°32	23°27	27°16	W 4
T 5	7 28 48	22°53'51	4♊ 4	28°34	8°17	2°40	28°54	20°45	16° 4	5°33	11°38	22°10	23°29	23°34	27°17	T 5
F 6	7 32 45	23°54'53	18°45	29°24	9°25	2°22	29° 7	20°52	16° 5	5°35	11°38	22° 2	23°26	23°40	27°17	F 6
S 7	7 36 41	24°55'54	3♋49	0♉18	10°34	2° 4	29°21	20°59	16° 6	5°37	11°38	21°53	23°23	23°47	27°17	S 7
S 8	7 40 38	25°56'54	19° 7	1°15	11°44	1°48	29°34	21° 5	16° 7	5°40	11°39	21°44	23°19	23°54	27°18	S 8
M 9	7 44 35	26°57'53	4♌28	2°15	12°53	1°32	29°47	21°12	16° 9	5°42	11°39	21°36	23°16	24° 0	27°19	M 9
T 10	7 48 31	27°58'51	19°40	3°18	14° 2	1°17	0♓ 0	21°19	16°10	5°44	11°40	21°31	23°13	24° 7	27°19	T 10
W11	7 52 28	28°59'48	4♍34	4°23	15°12	1° 2	0°14	21°26	16°11	5°47	11°40	21°27	23°10	24°14	27°20	W11
T 12	7 56 24	0♒ 0'44	19° 3	5°31	16°21	0°49	0°27	21°33	16°12	5°49	11°41	21°D26	23° 7	24°21	27°21	T 12
F 13	8 0 21	1° 1'40	3♎ 4	6°41	17°31	0°36	0°41	21°40	16°14	5°51	11°42	21°26	23° 4	24°27	27°22	F 13
S 14	8 4 17	2° 2'34	16°37	7°52	18°41	0°24	0°54	21°47	16°15	5°53	11°42	21°27	23° 0	24°34	27°23	S 14
S 15	8 8 14	3° 3'28	29°44	9° 6	19°51	0°12	1° 8	21°54	16°17	5°56	11°43	21°R28	22°57	24°41	27°24	S 15
M16	8 12 10	4° 4'21	12♏29	10°21	21° 1	0° 2	1°22	22° 1	16°18	5°58	11°43	21°28	22°54	24°47	27°25	M16
T 17	8 16 7	5° 5'14	24°55	11°37	22°11	29♊52	1°36	22° 8	16°20	6° 0	11°44	21°26	22°51	24°54	27°26	T 17
W18	8 20 4	6° 6'05	7♐ 8	12°55	23°22	29°43	1°49	22°15	16°21	6° 2	11°45	21°21	22°48	25° 1	27°27	W18
T 19	8 24 0	7° 6'56	19°10	14°15	24°32	29°35	2° 3	22°22	16°23	6° 5	11°45	21°15	22°45	25° 8	27°28	T 19
F 20	8 27 57	8° 7'45	1♑ 6	15°35	25°43	29°27	2°17	22°29	16°25	6° 7	11°46	21° 7	22°41	25°14	27°29	F 20
S 21	8 31 53	9° 8'33	12°58	16°57	26°53	29°21	2°31	22°37	16°26	6° 9	11°47	20°59	22°38	25°21	27°31	S 21
S 22	8 35 50	10° 9'20	24°49	18°20	28° 4	29°15	2°45	22°44	16°28	6°12	11°48	20°50	22°35	25°28	27°32	S 22
M23	8 39 46	11°10'06	6♒39	19°44	29°15	29°10	2°59	22°51	16°30	6°14	11°48	20°43	22°32	25°34	27°33	M23
T 24	8 43 43	12°10'51	18°32	21° 9	0♑26	29° 6	3°13	22°58	16°32	6°16	11°49	20°37	22°29	25°41	27°35	T 24
W25	8 47 39	13°11'33	0♓29	22°36	1°37	29° 2	3°27	23° 5	16°34	6°18	11°50	20°33	22°25	25°48	27°36	W25
T 26	8 51 36	14°12'15	12°30	24° 3	2°48	29° 0	3°41	23°13	16°36	6°21	11°51	20°31	22°22	25°54	27°38	T 26
F 27	8 55 33	15°12'55	24°40	25°31	3°59	28°58	3°55	23°20	16°38	6°23	11°52	20°D31	22°19	26° 1	27°40	F 27
S 28	8 59 29	16°13'33	7♈ 0	27° 0	5°10	28°57	4° 9	23°27	16°40	6°25	11°52	20°32	22°16	26° 8	27°41	S 28
S 29	9 3 26	17°14'09	19°34	28°30	6°21	28°D57	4°24	23°34	16°42	6°27	11°53	20°33	22°13	26°15	27°43	S 29
M30	9 7 22	18°14'44	2♉24	0♒ 1	7°32	28°57	4°38	23°42	16°44	6°30	11°54	20°35	22°10	26°21	27°45	M30
T 31	9 11 19	19♒15'17	15♉35	1♒33	8♑43	28♊58	4♓52	23♒49	16♈46	6♒32	11♈55	20°R36	22♍ 6	26♉28	27♈47	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22s12	2n35	1s33	21s 0	2n28	18s14	2n47	27n23	3n55	13s10	1s 2	16s 2	1s21	5n46	0s36	19s 1	0s 3	11s 9	17s 8	3n 3	2n31	17s 7	10n12	0s21
M 2	22 3	6 32	2 36	21 10	2 19	18 28	2 45	27 24	3 55	13 5	1 2	16 0	1 21	5 46	0 36	19 1	0 3	11 9	17 7	3 3	2 32	17 6	10 12	0 21
T 3	21 54	10 17	3 32	21 21	2 9	18 42	2 43	27 24	3 55	13 0	1 1	15 58	1 21	5 46	0 36	19 0	0 3	11 8	17 7	3 3	2 33	17 5	10 12	0 21
W 4	21 44	13 37	4 18	21 31	1 59	18 56	2 41	27 24	3 55	12 56	1 1	15 56	1 21	5 47	0 36	19 0	0 3	11 8	17 7	3 5	2 35	17 5	10 12	0 21
T 5	21 34	16 17	4 50	21 42	1 49	19 9	2 38	27 25	3 55	12 51	1 1	15 54	1 21	5 47	0 36	18 59	0 3	11 7	17 6	3 7	2 36	17 4	10 12	0 21
F 6	21 24	17 59	5 4	21 52	1 39	19 22	2 36	27 25	3 55	12 47	1 1	15 52	1 21	5 48	0 36	18 59	0 3	11 7	17 6	3 10	2 37	17 3	10 12	0 21
S 7	21 13	18 30	4 58	22 2	1 29	19 35	2 34	27 25	3 54	12 42	1 1	15 50	1 21	5 48	0 36	18 58	0 3	11 6	17 6	3 14	2 38	17 3	10 13	0 22
S 8	21 2	17 41	4 31	22 12	1 19	19 47	2 31	27 25	3 54	12 37	1 1	15 47	1 21	5 49	0 36	18 58	0 3	11 6	17 5	3 17	2 40	17 2	10 13	0 22
M 9	20 50	15 35	3 44	22 21	1 9	19 58	2 28	27 24	3 54	12 32	1 1	15 45	1 21	5 49	0 36	18 57	0 3	11 5	17 5	3 20	2 41	17 1	10 13	0 22
T 10	20 38	12 24	2 42	22 29	0 59	20 9	2 26	27 24	3 53	12 28	1 1	15 43	1 21	5 50	0 36	18 57	0 3	11 5	17 5	3 23	2 42	17 1	10 13	0 22
W11	20 26	8 29	1 29	22 37	0 50	20 20	2 23	27 23	3 52	12 23	1 1	15 41	1 21	5 50	0 36	18 56	0 3	11 4	17 4	3 24	2 43	17 0	10 13	0 22
T 12	20 13	4 9	0 13	22 44	0 40	20 30	2 20	27 23	3 52	12 18	1 1	15 39	1 21	5 51	0 36	18 56	0 3	11 4	17 4	3 25	2 45	16 59	10 14	0 22
F 13	20 0	0s16	1n 2	22 50	0 31	20 39	2 17	27 22	3 51	12 13	1 1	15 36	1 21	5 51	0 36	18 55	0 3	11 3	17 4	3 24	2 46	16 58	10 14	0 22
S 14	19 46	4 32	2 11	22 55	0 22	20 48	2 14	27 21	3 50	12 8	1 1	15 34	1 21	5 52	0 36	18 54	0 3	11 2	17 3	3 24	2 47	16 58	10 14	0 22
S 15	19 32	8 26	3 12	23 0	0 13	20 57	2 11	27 21	3 49	12 3	1 1	15 32	1 21	5 52	0 36	18 54	0 3	11 2	17 3	3 24	2 48	16 57	10 14	0 22
M16	19 18	11 49	4 0	23 3	0 4	21 5	2 8	27 20	3 48	11 59	1 1	15 29	1 21	5 53	0 36	18 53	0 3	11 1	17 3	3 24	2 50	16 56	10 15	0 22
T 17	19 4	14 35	4 36	23 5	0s 4	21 13	2 5	27 19	3 47	11 54	1 1	15 27	1 21	5 54	0 36	18 53	0 3	11 1	17 2	3 25	2 51	16 56	10 15	0 22
W18	18 49	16 40	4 59	23 6	0 13	21 20	2 2	27 18	3 46	11 49	1 1	15 25	1 21	5 54	0 36	18 52	0 3	11 0	17 2	3 26	2 52	16 55	10 15	0 22
T 19	18 33	17 58	5 8	23 6	0 21	21 26	1 59	27 17	3 45	11 44	1 1	15 23	1 21	5 55	0 36	18 52	0 3	11 0	17 2	3 29	2 53	16 54	10 16	0 22
F 20	18 18	18 27	5 4	23 5	0 29	21 32	1 55	27 15	3 44	11 39	1 1	15 20	1 21	5 56	0 36	18 51	0 3	10 59	17 1	3 32	2 55	16 54	10 16	0 22
S 21	18 2	18 8	4 46	23 3	0 36	21 37	1 52	27 14	3 43	11 34	1 1	15 18	1 21	5 56	0 36	18 51	0 3	10 59	17 1	3 35	2 56	16 53	10 17	0 22
S 22	17 46	17 2	4 17	22 59	0 44	21 42	1 49	27 13	3 42	11 29	1 1	15 16	1 21	5 57	0 36	18 50	0 3	10 58	17 1	3 39	2 57	16 52	10 17	0 22
M23	17 29	15 12	3 36	22 54	0 51	21 46	1 45	27 12	3 41	11 23	1 1	15 13	1 21	5 58	0 36	18 49	0 3	10 57	17 0	3 41	2 58	16 51	10 17	0 22
T 24	17 12	12 42	2 45	22 48	0 58	21 49	1 42	27 11	3 39	11 18	1 1	15 11	1 21	5 58	0 36	18 49	0 3	10 57	17 0	3 44	3 0	16 51	10 18	0 23
W25	16 55	9 40	1 47	22 41	1 4	21 52	1 39	27 9	3 38	11 13	1 1	15 9	1 21	5 59	0 36	18 48	0 3	10 56	17 0	3 45	3 1	16 50	10 18	0 23
T 26	16 37	6 13	0 44	22 32	1 11	21 54	1 35	27 8	3 37	11 8	1 1	15 6	1 21	6 0	0 35	18 48	0 3	10 56	16 59	3 46	3 2	16 49	10 19	0 23
F 27	16 20	2 28	0s23	22 22	1 17	21 56	1 32	27 7	3 36	11 3	1 1	15 4	1 21	6 1	0 35	18 47	0 3	10 55	16 59	3 46	3 3	16 48	10 19	0 23
S 28	16 2	1n26	1 29	22 10	1 22	21 57	1 28	27 5	3 34	10 58	1 1	15 1	1 21	6 2	0 35	18 47	0 3	10 54	16 59	3 46	3 5	16 48	10 20	0 23
S 29	15 43	5 20	2 32	21 58	1 28	21 58	1 24	27 4	3 33	10 53	1 1	14 59	1 21	6 2	0 35	18 46	0 3	10 54	16 58	3 45	3 6	16 47	10 21	0 23
M30	15 25	9 4	3 29	21 44	1 33	21 58	1 21	27 3	3 32	10 47	1 1	14 57	1 21	6 3	0 35	18 46	0 3	10 53	16 58	3 45	3 7	16 46	10 21	0 23
T 31	15s 6	12n28	4s17	21s28	1s38	21s57	1n17	27n 1	3n30	10s42	1s 1	14s54	1s21	6n 4	0s35	18s45	0s 3	10s53	16s58	3n44	3n 9	16s45	10n22	0s23

Julian Day Number = 2212684.5, Delta T = 09m15s
Ecliptic obliquity = 23°31'18, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°37'06, Lahiri = 14°44'06 Julian Calendar 1 Jan. 1346 == Greg. Calendar 9 Jan. 1346

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ASTRODIENST EPHEMERIS for the year 1346
geocentric

FEBRUARY 1346 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	9 15 15	20♒15'48	29♉10	3♒ 6	9♑55	29♊ 0	5♓ 6	23♒56	16♈48	6♒34	11♈56	20°R36	22♍ 3	26♑35	27♈49	W 1
T 2	9 19 12	21°16'17	13♊ 9	4°40	11° 6	29° 3	5°21	24° 4	16°51	6°36	11°57	20♍34	22° 0	26°41	27°51	T 2
F 3	9 23 8	22°16'44	27°33	6°15	12°18	29° 6	5°35	24°11	16°53	6°39	11°58	20°31	21°57	26°48	27°53	F 3
S 4	9 27 5	23°17'10	12♋18	7°51	13°29	29°11	5°49	24°18	16°55	6°41	11°59	20°27	21°54	26°55	27°55	S 4
S 5	9 31 2	24°17'33	27°19	9°27	14°41	29°15	6° 4	24°25	16°58	6°43	12° 0	20°24	21°51	27° 1	27°57	S 5
M 6	9 34 58	25°17'55	12♌27	11° 5	15°53	29°21	6°18	24°33	17° 0	6°45	12° 1	20°20	21°47	27° 8	27°59	M 6
T 7	9 38 55	26°18'14	27°33	12°44	17° 4	29°27	6°32	24°40	17° 2	6°47	12° 2	20°18	21°44	27°15	28° 2	T 7
W 8	9 42 51	27°18'32	12♍27	14°23	18°16	29°34	6°47	24°47	17° 5	6°50	12° 3	20°17	21°41	27°22	28° 4	W 8
T 9	9 46 48	28°18'48	27° 2	16° 4	19°28	29°41	7° 1	24°55	17° 7	6°52	12° 4	20°D16	21°38	27°28	28° 6	T 9
F 10	9 50 44	29°19'03	11♎13	17°45	20°40	29°49	7°16	25° 2	17°10	6°54	12° 5	20°17	21°35	27°35	28° 9	F 10
S 11	9 54 41	0♓19'16	24°56	19°28	21°52	29°57	7°30	25° 9	17°12	6°56	12° 6	20°19	21°31	27°42	28°11	S 11
S 12	9 58 37	1°19'27	8♏13	21°12	23° 3	0♋ 7	7°45	25°16	17°15	6°58	12° 7	20°20	21°28	27°48	28°13	S 12
M13	10 2 34	2°19'37	21° 5	22°56	24°15	0°16	7°59	25°24	17°18	7° 0	12° 9	20°21	21°25	27°55	28°16	M13
T 14	10 6 30	3°19'46	3♐36	24°42	25°28	0°27	8°14	25°31	17°20	7° 2	12°10	20°R22	21°22	28° 2	28°19	T 14
W15	10 10 27	4°19'53	15°50	26°29	26°40	0°38	8°28	25°38	17°23	7° 4	12°11	20°21	21°19	28° 8	28°21	W15
T 16	10 14 24	5°19'58	27°52	28°17	27°52	0°49	8°43	25°46	17°26	7° 6	12°12	20°20	21°16	28°15	28°24	T 16
F 17	10 18 20	6°20'01	9♑46	0♓ 6	29° 4	1° 1	8°57	25°53	17°28	7° 9	12°13	20°18	21°12	28°22	28°27	F 17
S 18	10 22 17	7°20'03	21°36	1°56	0♒16	1°14	9°12	26° 0	17°31	7°11	12°14	20°16	21° 9	28°28	28°29	S 18
S 19	10 26 13	8°20'03	3♒26	3°47	1°28	1°27	9°26	26° 7	17°34	7°13	12°16	20°14	21° 6	28°35	28°32	S 19
M20	10 30 10	9°20'02	15°18	5°40	2°41	1°40	9°41	26°14	17°37	7°15	12°17	20°13	21° 3	28°42	28°35	M20
T 21	10 34 6	10°19'58	27°16	7°33	3°53	1°54	9°55	26°22	17°40	7°17	12°18	20°12	21° 0	28°49	28°38	T 21
W22	10 38 3	11°19'52	9♓21	9°27	5° 5	2° 9	10°10	26°29	17°43	7°19	12°19	20°11	20°56	28°55	28°41	W22
T 23	10 41 59	12°19'45	21°36	11°23	6°18	2°24	10°24	26°36	17°46	7°21	12°20	20°D11	20°53	29° 2	28°44	T 23
F 24	10 45 56	13°19'35	4♈ 0	13°19	7°30	2°39	10°39	26°43	17°49	7°22	12°22	20°11	20°50	29° 9	28°47	F 24
S 25	10 49 53	14°19'24	16°37	15°16	8°42	2°55	10°53	26°50	17°52	7°24	12°23	20°11	20°47	29°15	28°50	S 25
S 26	10 53 49	15°19'10	29°26	17°15	9°55	3°12	11° 8	26°57	17°55	7°26	12°24	20°12	20°44	29°22	28°53	S 26
M27	10 57 46	16°18'54	12♉30	19°13	11° 7	3°28	11°22	27° 4	17°58	7°28	12°26	20°12	20°41	29°29	28°56	M27
T 28	11 1 42	17♓18'35	25♉50	21♓13	12♒20	3♋46	11♓37	27♒11	18♈ 1	7♒30	12♈27	20♍13	20♍37	29♑35	28♈59	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	14s47	15n17	4s52	21s11	1s42	21s55	1n14	27n 0	3n29	10s37	1s 1	14s52	1s21	6n 5	0s35	18s44	0s 3	10s52	16s58	3n44	3n10	16s45	10n22	0s23
T 2	14 28	17 19	5 11	20 53	1 46	21 53	1 10	26 58	3 27	10 32	1 1	14 50	1 21	6 6	0 35	18 44	0 3	10 51	16 57	3 45	3 11	16 44	10 23	0 23
F 3	14 8	18 19	5 11	20 33	1 50	21 51	1 7	26 57	3 26	10 26	1 1	14 47	1 21	6 7	0 35	18 43	0 3	10 51	16 57	3 46	3 12	16 43	10 24	0 23
S 4	13 48	18 7	4 51	20 12	1 53	21 48	1 3	26 56	3 25	10 21	1 1	14 45	1 22	6 8	0 35	18 43	0 3	10 50	16 57	3 48	3 14	16 42	10 25	0 23
S 5	13 28	16 40	4 11	19 49	1 57	21 44	0 59	26 54	3 23	10 16	1 1	14 42	1 22	6 9	0 35	18 42	0 3	10 49	16 56	3 49	3 15	16 42	10 25	0 23
M 6	13 8	14 2	3 13	19 25	1 59	21 39	0 56	26 53	3 22	10 10	1 1	14 40	1 22	6 10	0 35	18 42	0 3	10 49	16 56	3 50	3 16	16 41	10 26	0 23
T 7	12 48	10 27	2 2	19 0	2 2	21 34	0 52	26 52	3 20	10 5	1 1	14 38	1 22	6 11	0 35	18 41	0 3	10 48	16 56	3 51	3 17	16 40	10 27	0 23
W 8	12 27	6 15	0 43	18 33	2 4	21 28	0 48	26 50	3 19	10 0	1 1	14 35	1 22	6 11	0 35	18 41	0 3	10 47	16 56	3 52	3 19	16 39	10 27	0 23
T 9	12 6	1 45	0n37	18 4	2 5	21 22	0 45	26 49	3 17	9 54	1 1	14 33	1 22	6 12	0 35	18 40	0 3	10 47	16 55	3 52	3 20	16 39	10 28	0 23
F 10	11 45	2s43	1 53	17 34	2 6	21 15	0 41	26 47	3 16	9 49	1 1	14 30	1 22	6 13	0 35	18 40	0 3	10 46	16 55	3 52	3 21	16 38	10 29	0 24
S 11	11 24	6 54	3 0	17 3	2 7	21 7	0 38	26 46	3 15	9 44	1 1	14 28	1 22	6 14	0 35	18 39	0 3	10 46	16 55	3 51	3 22	16 37	10 30	0 24
S 12	11 2	10 35	3 55	16 30	2 8	20 59	0 34	26 44	3 13	9 38	1 1	14 26	1 22	6 16	0 35	18 39	0 3	10 45	16 55	3 50	3 24	16 36	10 31	0 24
M13	10 41	13 39	4 36	15 55	2 7	20 50	0 30	26 43	3 12	9 33	1 1	14 23	1 22	6 17	0 35	18 38	0 3	10 44	16 54	3 50	3 25	16 35	10 32	0 24
T 14	10 19	15 59	5 3	15 20	2 7	20 41	0 27	26 42	3 10	9 27	1 1	14 21	1 22	6 18	0 35	18 38	0 3	10 44	16 54	3 50	3 26	16 35	10 32	0 24
W15	9 57	17 32	5 15	14 42	2 6	20 31	0 23	26 40	3 9	9 22	1 1	14 18	1 22	6 19	0 35	18 37	0 3	10 43	16 54	3 50	3 27	16 34	10 33	0 24
T 16	9 35	18 17	5 13	14 3	2 5	20 20	0 20	26 39	3 7	9 16	1 1	14 16	1 22	6 20	0 35	18 36	0 3	10 42	16 54	3 51	3 29	16 33	10 34	0 24
F 17	9 13	18 12	4 58	13 23	2 3	20 9	0 16	26 37	3 6	9 11	1 1	14 14	1 22	6 21	0 35	18 36	0 3	10 42	16 53	3 51	3 30	16 32	10 35	0 24
S 18	8 51	17 20	4 30	12 41	2 0	19 57	0 13	26 36	3 5	9 6	1 1	14 11	1 22	6 22	0 35	18 35	0 3	10 41	16 53	3 52	3 31	16 31	10 36	0 24
S 19	8 28	15 43	3 51	11 58	1 57	19 45	0 9	26 34	3 3	9 0	1 1	14 9	1 23	6 23	0 35	18 35	0 3	10 40	16 53	3 53	3 32	16 31	10 37	0 24
M20	8 6	13 25	3 2	11 14	1 54	19 32	0 6	26 32	3 2	8 55	1 1	14 7	1 23	6 24	0 35	18 34	0 3	10 40	16 53	3 53	3 34	16 30	10 38	0 24
T 21	7 43	10 31	2 4	10 28	1 50	19 18	0 3	26 31	3 0	8 49	1 1	14 4	1 23	6 25	0 35	18 34	0 3	10 39	16 53	3 54	3 35	16 29	10 39	0 24
W22	7 20	7 10	1 0	9 40	1 45	19 4	0s 1	26 29	2 59	8 44	1 1	14 2	1 23	6 26	0 35	18 33	0 3	10 39	16 52	3 54	3 36	16 28	10 40	0 24
T 23	6 57	3 28	0s 8	8 52	1 40	18 50	0 4	26 28	2 58	8 38	1 1	13 59	1 23	6 28	0 35	18 33	0 3	10 38	16 52	3 54	3 37	16 27	10 41	0 24
F 24	6 35	0n26	1 16	8 2	1 35	18 35	0 7	26 26	2 56	8 33	1 1	13 57	1 23	6 29	0 35	18 32	0 3	10 37	16 52	3 54	3 39	16 27	10 42	0 24
S 25	6 11	4 22	2 22	7 11	1 28	18 19	0 10	26 24	2 55	8 27	1 1	13 55	1 23	6 30	0 35	18 32	0 3	10 37	16 52	3 54	3 40	16 26	10 43	0 24
S 26	5 48	8 10	3 21	6 18	1 22	18 3	0 14	26 22	2 54	8 22	1 1	13 52	1 23	6 31	0 35	18 32	0 3	10 36	16 52	3 54	3 41	16 25	10 44	0 24
M27	5 25	11 39	4 12	5 25	1 14	17 46	0 17	26 21	2 52	8 16	1 1	13 50	1 23	6 32	0 35	18 31	0 3	10 35	16 52	3 54	3 42	16 24	10 45	0 25
T 28	5s 2	14n36	4s49	4s31	1s 6	17s29	0s20	26n19	2n51	8s11	1s 2	13s48	1s23	6n33	0s35	18s31	0s 3	10s35	16s51	3n53	3n44	16s23	10n46	0s25

Julian Day Number = 2212715.5, Delta T = 09m15s
Ecliptic obliquity = 23°31'18, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°37'10, Lahiri = 14°44'10 Julian Calendar 1 Feb. 1346 == Greg. Calendar 9 Feb. 1346

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ASTRODIENST EPHEMERIS for the year 1346
geocentric

MARCH 1346 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	11 5 39	18♓18'15	9♊26	23♓13	13♒32	4♋ 3	11♓51	27♒18	18♈ 4	7♒32	12♈28	20♍13	20♍34	29♉42	29♈ 2	W 1
T 2	11 9 35	19°17'52	23°19	25°13	14°45	4°21	12° 6	27°25	18° 7	7°34	12°29	20°R13	20°31	29°49	29° 5	T 2
F 3	11 13 32	20°17'27	7♋29	27°13	15°57	4°40	12°20	27°32	18°10	7°36	12°31	20°D13	20°28	29°55	29° 9	F 3
S 4	11 17 28	21°16'59	21°53	29°14	17°10	4°59	12°35	27°39	18°13	7°37	12°32	20°13	20°25	0♒ 2	29°12	S 4
S 5	11 21 25	22°16'29	6♌29	1♈13	18°22	5°18	12°49	27°46	18°16	7°39	12°33	20°13	20°22	0° 9	29°15	S 5
M 6	11 25 22	23°15'57	21°12	3°12	19°35	5°38	13° 3	27°53	18°20	7°41	12°35	20°13	20°18	0°16	29°18	M 6
T 7	11 29 18	24°15'23	5♍55	5°10	20°48	5°57	13°18	28° 0	18°23	7°43	12°36	20°14	20°15	0°22	29°22	T 7
W 8	11 33 15	25°14'46	20°32	7° 7	22° 0	6°18	13°32	28° 6	18°26	7°44	12°38	20°R14	20°12	0°29	29°25	W 8
T 9	11 37 11	26°14'07	4♎56	9° 1	23°13	6°38	13°47	28°13	18°29	7°46	12°39	20°14	20° 9	0°36	29°29	T 9
F 10	11 41 8	27°13'26	19° 2	10°54	24°26	6°59	14° 1	28°20	18°32	7°48	12°40	20°13	20° 6	0°42	29°32	F 10
S 11	11 45 4	28°12'43	2♏47	12°43	25°38	7°21	14°15	28°27	18°36	7°49	12°42	20°12	20° 2	0°49	29°36	S 11
S 12	11 49 1	29°11'58	16° 7	14°30	26°51	7°42	14°29	28°33	18°39	7°51	12°43	20°11	19°59	0°56	29°39	S 12
M13	11 52 57	0♈11'12	29° 5	16°13	28° 4	8° 4	14°44	28°40	18°42	7°52	12°44	20°10	19°56	1° 2	29°43	M13
T 14	11 56 54	1°10'23	11♐41	17°53	29°16	8°26	14°58	28°46	18°46	7°54	12°46	20° 9	19°53	1° 9	29°46	T 14
W15	12 0 50	2° 9'33	23°59	19°28	0♓29	8°49	15°12	28°53	18°49	7°55	12°47	20° 8	19°50	1°16	29°50	W15
T 16	12 4 47	3° 8'41	6♑ 4	20°59	1°42	9°12	15°26	28°59	18°52	7°57	12°49	20°D 8	19°47	1°22	29°53	T 16
F 17	12 8 44	4° 7'48	17°59	22°24	2°55	9°35	15°40	29° 6	18°56	7°58	12°50	20° 8	19°43	1°29	29°57	F 17
S 18	12 12 40	5° 6'52	29°49	23°45	4° 8	9°58	15°55	29°12	18°59	8° 0	12°51	20° 9	19°40	1°36	0♉ 1	S 18
S 19	12 16 37	6° 5'54	11♒40	25° 0	5°20	10°22	16° 9	29°19	19° 2	8° 1	12°53	20°11	19°37	1°42	0° 4	S 19
M20	12 20 33	7° 4'55	23°35	26°10	6°33	10°46	16°23	29°25	19° 6	8° 3	12°54	20°12	19°34	1°49	0° 8	M20
T 21	12 24 30	8° 3'54	5♓38	27°13	7°46	11°10	16°37	29°31	19° 9	8° 4	12°56	20°13	19°31	1°56	0°12	T 21
W22	12 28 26	9° 2'51	17°53	28°11	8°59	11°34	16°51	29°37	19°13	8° 5	12°57	20°R14	19°27	2° 3	0°15	W22
T 23	12 32 23	10° 1'45	0♈20	29° 2	10°12	11°59	17° 5	29°44	19°16	8° 7	12°58	20°14	19°24	2° 9	0°19	T 23
F 24	12 36 19	11° 0'38	13° 3	29°47	11°25	12°24	17°19	29°50	19°19	8° 8	13° 0	20°12	19°21	2°16	0°23	F 24
S 25	12 40 16	11°59'29	26° 1	0♉26	12°38	12°49	17°32	29°56	19°23	8° 9	13° 1	20°10	19°18	2°23	0°27	S 25
S 26	12 44 13	12°58'18	9♉14	0°58	13°51	13°14	17°46	0♓ 2	19°26	8°10	13° 3	20° 7	19°15	2°29	0°30	S 26
M27	12 48 9	13°57'04	22°41	1°24	15° 4	13°40	18° 0	0° 8	19°30	8°12	13° 4	20° 3	19°12	2°36	0°34	M27
T 28	12 52 6	14°55'49	6♊20	1°43	16°16	14° 6	18°14	0°14	19°33	8°13	13° 5	20° 0	19° 8	2°43	0°38	T 28
W29	12 56 2	15°54'31	20°10	1°56	17°29	14°32	18°28	0°20	19°36	8°14	13° 7	19°57	19° 5	2°49	0°42	W29
T 30	12 59 59	16°53'11	4♋ 9	2° 3	18°42	14°58	18°41	0°25	19°40	8°15	13° 8	19°55	19° 2	2°56	0°46	T 30
F 31	13 3 55	17♈51'49	18♋16	2°R 3	19♓55	15♋25	18♓55	0♓31	19♈43	8♒16	13♈10	19°D55	18♍59	3♒ 3	0♉50	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	4s38	16n48	5s12	3s35	0s58	17s11	0s23	26n17	2n50	8s 5	1s 2	13s45	1s24	6n35	0s35	18s30	0s 3	10s34	16s51	3n53	3n45	16s23	10n47	0s25
T 2	4 15	18 4	5 17	2 39	0 49	16 53	0 26	26 15	2 48	8 0	1 2	13 43	1 24	6 36	0 35	18 30	0 3	10 33	16 51	3 53	3 46	16 22	10 48	0 25
F 3	3 52	18 16	5 3	1 43	0 39	16 34	0 29	26 13	2 47	7 54	1 2	13 41	1 24	6 37	0 35	18 29	0 3	10 33	16 51	3 53	3 47	16 21	10 49	0 25
S 4	3 28	17 17	4 31	0 45	0 29	16 15	0 32	26 11	2 46	7 49	1 2	13 39	1 24	6 38	0 35	18 29	0 3	10 32	16 51	3 53	3 49	16 20	10 50	0 25
S 5	3 5	15 10	3 40	0n12	0 19	15 55	0 35	26 9	2 44	7 43	1 2	13 36	1 24	6 39	0 34	18 28	0 3	10 31	16 51	3 53	3 50	16 19	10 51	0 25
M 6	2 41	12 3	2 34	1 9	0 8	15 35	0 38	26 7	2 43	7 38	1 2	13 34	1 24	6 41	0 34	18 28	0 3	10 31	16 51	3 53	3 51	16 18	10 53	0 25
T 7	2 17	8 9	1 19	2 7	0n 3	15 15	0 40	26 5	2 42	7 32	1 2	13 32	1 24	6 42	0 34	18 27	0 3	10 30	16 50	3 53	3 52	16 18	10 54	0 25
W 8	1 54	3 47	0n 2	3 4	0 15	14 54	0 43	26 3	2 40	7 27	1 2	13 29	1 24	6 43	0 34	18 27	0 3	10 30	16 50	3 53	3 54	16 17	10 55	0 25
T 9	1 30	0s44	1 21	4 0	0 27	14 33	0 46	26 0	2 39	7 21	1 2	13 27	1 24	6 44	0 34	18 27	0 3	10 29	16 50	3 53	3 55	16 16	10 56	0 25
F 10	1 6	5 7	2 33	4 55	0 39	14 11	0 48	25 58	2 38	7 16	1 2	13 25	1 25	6 46	0 34	18 26	0 3	10 28	16 50	3 53	3 56	16 15	10 57	0 25
S 11	0 43	9 7	3 35	5 49	0 51	13 49	0 51	25 56	2 37	7 10	1 2	13 23	1 25	6 47	0 34	18 26	0 3	10 28	16 50	3 54	3 57	16 14	10 58	0 25
S 12	0 19	12 31	4 23	6 42	1 3	13 26	0 53	25 53	2 36	7 5	1 2	13 21	1 25	6 48	0 34	18 25	0 3	10 27	16 50	3 54	3 59	16 13	10 59	0 25
M13	0n 4	15 12	4 56	7 33	1 15	13 4	0 56	25 51	2 34	7 0	1 2	13 18	1 25	6 49	0 34	18 25	0 3	10 27	16 50	3 55	4 0	16 12	11 1	0 25
T 14	0 28	17 5	5 13	8 23	1 27	12 40	0 58	25 48	2 33	6 54	1 2	13 16	1 25	6 51	0 34	18 25	0 3	10 26	16 50	3 55	4 1	16 12	11 2	0 26
W15	0 52	18 7	5 16	9 10	1 39	12 17	1 0	25 45	2 32	6 49	1 3	13 14	1 25	6 52	0 34	18 24	0 3	10 25	16 50	3 55	4 2	16 11	11 3	0 26
T 16	1 15	18 18	5 5	9 55	1 50	11 53	1 3	25 42	2 31	6 43	1 3	13 12	1 25	6 53	0 34	18 24	0 3	10 25	16 50	3 55	4 4	16 10	11 4	0 26
F 17	1 39	17 41	4 40	10 37	2 1	11 29	1 5	25 40	2 29	6 38	1 3	13 10	1 25	6 55	0 34	18 24	0 3	10 24	16 50	3 55	4 5	16 9	11 5	0 26
S 18	2 2	16 17	4 4	11 17	2 11	11 4	1 7	25 37	2 28	6 32	1 3	13 8	1 26	6 56	0 34	18 23	0 3	10 24	16 50	3 55	4 6	16 8	11 7	0 26
S 19	2 26	14 11	3 18	11 53	2 21	10 39	1 9	25 34	2 27	6 27	1 3	13 5	1 26	6 57	0 34	18 23	0 3	10 23	16 49	3 54	4 7	16 7	11 8	0 26
M20	2 49	11 28	2 22	12 27	2 30	10 14	1 11	25 31	2 26	6 22	1 3	13 3	1 26	6 58	0 34	18 22	0 3	10 22	16 49	3 54	4 9	16 6	11 9	0 26
T 21	3 13	8 14	1 20	12 58	2 38	9 49	1 13	25 27	2 25	6 16	1 3	13 1	1 26	7 0	0 34	18 22	0 3	10 22	16 49	3 53	4 10	16 5	11 10	0 26
W22	3 36	4 37	0 13	13 26	2 45	9 23	1 15	25 24	2 24	6 11	1 3	12 59	1 26	7 1	0 34	18 22	0 3	10 21	16 49	3 53	4 11	16 5	11 12	0 26
T 23	3 59	0 43	0s56	13 50	2 52	8 57	1 16	25 21	2 23	6 5	1 3	12 57	1 26	7 2	0 34	18 21	0 3	10 21	16 49	3 53	4 12	16 4	11 13	0 26
F 24	4 22	3n17	2 3	14 11	2 57	8 31	1 18	25 17	2 21	6 0	1 3	12 55	1 26	7 4	0 34	18 21	0 3	10 20	16 49	3 54	4 14	16 3	11 14	0 26
S 25	4 45	7 13	3 5	14 29	3 1	8 4	1 20	25 14	2 20	5 55	1 4	12 53	1 27	7 5	0 34	18 21	0 3	10 20	16 49	3 54	4 15	16 2	11 15	0 26
S 26	5 8	10 52	3 58	14 44	3 4	7 37	1 21	25 10	2 19	5 49	1 4	12 51	1 27	7 6	0 34	18 20	0 4	10 19	16 49	3 56	4 16	16 1	11 17	0 26
M27	5 31	14 0	4 39	14 55	3 6	7 11	1 23	25 6	2 18	5 44	1 4	12 49	1 27	7 8	0 34	18 20	0 4	10 19	16 49	3 57	4 17	16 0	11 18	0 26
T 28	5 54	16 26	5 5	15 2	3 7	6 43	1 24	25 3	2 17	5 39	1 4	12 47	1 27	7 9	0 34	18 20	0 4	10 18	16 49	3 58	4 19	15 59	11 19	0 26
W29	6 17	17 56	5 14	15 6	3 7	6 16	1 25	24 59	2 16	5 34	1 4	12 45	1 27	7 10	0 34	18 20	0 4	10 17	16 49	4 0	4 20	15 58	11 21	0 27
T 30	6 39	18 23	5 4	15 7	3 5	5 49	1 27	24 55	2 15	5 28	1 4	12 43	1 27	7 11	0 34	18 19	0 4	10 17	16 49	4 0	4 21	15 57	11 22	0 27
F 31	7n 2	17n42	4s37	15n 4	3n 1	5s21	1s28	24n51	2n14	5s23	1s 4	12s42	1s28	7n13	0s34	18s19	0s 4	10s16	16s49	4n 1	4n22	15s56	11n23	0s27

Julian Day Number = 2212743.5, Delta T = 09m14s
Ecliptic obliquity = 23°31'18, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°37'14, Lahiri = 14°44'14 Julian Calendar 1 March 1346 == Greg. Calendar 9 March 1346

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ASTRODIENST EPHEMERIS for the year 1346
geocentric

APRIL 1346 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	13 7 52	18♈50'24	2♌28	1°R58	21♓ 8	15♋51	19♓ 8	0♓37	19♈47	8♒17	13♈11	19♍55	18♍56	3♒ 9	0♉54	S 1
S 2	13 11 48	19°48'58	16°44	1♉47	22°21	16°18	19°22	0°42	19°50	8°18	13°13	19°57	18°53	3°16	0°58	S 2
M 3	13 15 45	20°47'28	1♍ 0	1°30	23°34	16°46	19°35	0°48	19°54	8°19	13°14	19°58	18°49	3°23	1° 1	M 3
T 4	13 19 42	21°45'57	15°16	1° 9	24°47	17°13	19°49	0°53	19°57	8°20	13°15	19°R59	18°46	3°29	1° 5	T 4
W 5	13 23 38	22°44'24	29°26	0°43	26° 0	17°40	20° 2	0°59	20° 1	8°21	13°17	19°59	18°43	3°36	1° 9	W 5
T 6	13 27 35	23°42'48	13♎27	0°13	27°13	18° 8	20°15	1° 4	20° 4	8°22	13°18	19°57	18°40	3°43	1°13	T 6
F 7	13 31 31	24°41'11	27°15	29♈40	28°26	18°36	20°28	1°10	20° 7	8°23	13°20	19°53	18°37	3°50	1°17	F 7
S 8	13 35 28	25°39'31	10♏48	29° 4	29°39	19° 4	20°42	1°15	20°11	8°24	13°21	19°48	18°33	3°56	1°21	S 8
S 9	13 39 24	26°37'50	24° 2	28°26	0♈52	19°32	20°55	1°20	20°14	8°25	13°22	19°42	18°30	4° 3	1°25	S 9
M10	13 43 21	27°36'08	6♐57	27°47	2° 5	20° 0	21° 8	1°25	20°18	8°25	13°24	19°36	18°27	4°10	1°29	M10
T 11	13 47 17	28°34'23	19°33	27° 7	3°18	20°29	21°21	1°30	20°21	8°26	13°25	19°30	18°24	4°16	1°33	T 11
W12	13 51 14	29°32'37	1♑52	26°28	4°31	20°58	21°34	1°35	20°25	8°27	13°26	19°25	18°21	4°23	1°37	W12
T 13	13 55 10	0♉30'50	13°58	25°49	5°44	21°26	21°47	1°40	20°28	8°27	13°28	19°22	18°18	4°30	1°41	T 13
F 14	13 59 7	1°29'01	25°54	25°11	6°57	21°55	21°59	1°45	20°31	8°28	13°29	19°21	18°14	4°36	1°45	F 14
S 15	14 3 4	2°27'10	7♒45	24°36	8°10	22°25	22°12	1°50	20°35	8°29	13°31	19°D21	18°11	4°43	1°49	S 15
S 16	14 7 0	3°25'18	19°36	24° 4	9°23	22°54	22°25	1°54	20°38	8°29	13°32	19°22	18° 8	4°50	1°53	S 16
M17	14 10 57	4°23'25	1♓32	23°35	10°36	23°23	22°37	1°59	20°42	8°30	13°33	19°23	18° 5	4°56	1°57	M17
T 18	14 14 53	5°21'30	13°39	23° 9	11°49	23°53	22°50	2° 4	20°45	8°30	13°35	19°R24	18° 2	5° 3	2° 1	T 18
W19	14 18 50	6°19'33	26° 0	22°47	13° 2	24°23	23° 2	2° 8	20°48	8°31	13°36	19°24	17°58	5°10	2° 5	W19
T 20	14 22 46	7°17'35	8♈38	22°30	14°15	24°53	23°15	2°13	20°52	8°31	13°37	19°22	17°55	5°16	2° 9	T 20
F 21	14 26 43	8°15'36	21°36	22°16	15°28	25°23	23°27	2°17	20°55	8°32	13°39	19°18	17°52	5°23	2°12	F 21
S 22	14 30 39	9°13'35	4♉55	22° 8	16°42	25°53	23°39	2°21	20°58	8°32	13°40	19°12	17°49	5°30	2°16	S 22
S 23	14 34 36	10°11'32	18°32	22°D 4	17°55	26°23	23°51	2°25	21° 2	8°32	13°41	19° 5	17°46	5°36	2°20	S 23
M24	14 38 33	11° 9'28	2♊26	22° 4	19° 8	26°54	24° 4	2°29	21° 5	8°33	13°42	18°56	17°43	5°43	2°24	M24
T 25	14 42 29	12° 7'22	16°32	22°10	20°21	27°24	24°16	2°33	21° 8	8°33	13°44	18°48	17°39	5°50	2°28	T 25
W26	14 46 26	13° 5'15	0♋45	22°20	21°34	27°55	24°27	2°37	21°11	8°33	13°45	18°41	17°36	5°56	2°32	W26
T 27	14 50 22	14° 3'05	15° 2	22°34	22°47	28°26	24°39	2°41	21°15	8°34	13°46	18°35	17°33	6° 3	2°36	T 27
F 28	14 54 19	15° 0'55	29°17	22°53	24° 0	28°57	24°51	2°45	21°18	8°34	13°47	18°32	17°30	6°10	2°40	F 28
S 29	14 58 15	15°58'42	13♌29	23°16	25°13	29°28	25° 3	2°49	21°21	8°34	13°49	18°D31	17°27	6°17	2°44	S 29
S 30	15 2 12	16♉56'27	27♌35	23♈44	26♈26	29♋59	25♓14	2♓52	21♈24	8♒34	13♈50	18♍31	17♍24	6♒23	2♉48	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	7n24	15n55	3s52	14n57	2n56	4s53	1s29	24n46	2n13	5s18	1s 4	12s40	1s28	7n14	0s34	18s19	0s 4	10s16	16s49	4n 0	4n24	15s56	11n24	0s27
S 2	7 47	13 8	2 52	14 48	2 50	4 25	1 30	24 42	2 12	5 13	1 4	12 38	1 28	7 15	0 34	18 19	0 4	10 15	16 49	4 0	4 25	15 55	11 26	0 27
M 3	8 9	9 34	1 42	14 35	2 43	3 57	1 31	24 38	2 11	5 8	1 5	12 36	1 28	7 17	0 34	18 18	0 4	10 15	16 49	3 59	4 26	15 54	11 27	0 27
T 4	8 31	5 26	0 26	14 19	2 34	3 29	1 32	24 33	2 10	5 2	1 5	12 34	1 28	7 18	0 34	18 18	0 4	10 14	16 49	3 59	4 27	15 53	11 28	0 27
W 5	8 52	1 1	0n51	14 0	2 23	3 1	1 33	24 28	2 9	4 57	1 5	12 32	1 28	7 19	0 34	18 18	0 4	10 14	16 49	3 59	4 29	15 52	11 30	0 27
T 6	9 14	3s25	2 5	13 39	2 12	2 32	1 33	24 24	2 8	4 52	1 5	12 31	1 29	7 21	0 34	18 18	0 4	10 13	16 50	4 0	4 30	15 51	11 31	0 27
F 7	9 36	7 35	3 9	13 15	1 59	2 4	1 34	24 19	2 6	4 47	1 5	12 29	1 29	7 22	0 34	18 17	0 4	10 13	16 50	4 1	4 31	15 50	11 32	0 27
S 8	9 57	11 17	4 2	12 49	1 45	1 35	1 35	24 14	2 5	4 42	1 5	12 27	1 29	7 23	0 34	18 17	0 4	10 13	16 50	4 3	4 32	15 49	11 33	0 27
S 9	10 18	14 19	4 40	12 22	1 30	1 6	1 35	24 9	2 4	4 37	1 5	12 25	1 29	7 25	0 34	18 17	0 4	10 12	16 50	4 5	4 34	15 48	11 35	0 27
M10	10 39	16 34	5 3	11 53	1 15	0 38	1 36	24 4	2 3	4 32	1 5	12 24	1 29	7 26	0 34	18 17	0 4	10 12	16 50	4 8	4 35	15 47	11 36	0 27
T 11	11 0	17 57	5 10	11 23	0 58	0 9	1 36	23 58	2 2	4 27	1 6	12 22	1 29	7 27	0 34	18 17	0 4	10 11	16 50	4 10	4 36	15 46	11 37	0 28
W12	11 21	18 27	5 3	10 53	0 42	0n20	1 36	23 53	2 2	4 22	1 6	12 21	1 30	7 28	0 34	18 16	0 4	10 11	16 50	4 12	4 37	15 45	11 39	0 28
T 13	11 41	18 6	4 43	10 23	0 25	0 49	1 36	23 47	2 1	4 17	1 6	12 19	1 30	7 30	0 34	18 16	0 4	10 10	16 50	4 13	4 39	15 44	11 40	0 28
F 14	12 2	16 57	4 10	9 54	0 8	1 17	1 37	23 42	2 0	4 12	1 6	12 17	1 30	7 31	0 34	18 16	0 4	10 10	16 50	4 14	4 40	15 43	11 41	0 28
S 15	12 22	15 4	3 27	9 25	0s10	1 46	1 37	23 36	1 59	4 7	1 6	12 16	1 30	7 32	0 34	18 16	0 4	10 9	16 50	4 14	4 41	15 42	11 43	0 28
S 16	12 42	12 33	2 34	8 57	0 27	2 15	1 37	23 30	1 58	4 2	1 6	12 14	1 30	7 34	0 34	18 16	0 4	10 9	16 50	4 14	4 42	15 42	11 44	0 28
M17	13 2	9 29	1 35	8 31	0 43	2 44	1 37	23 24	1 57	3 57	1 7	12 13	1 31	7 35	0 34	18 16	0 4	10 9	16 50	4 13	4 44	15 41	11 45	0 28
T 18	13 21	5 58	0 31	8 7	0 59	3 13	1 37	23 18	1 56	3 52	1 7	12 11	1 31	7 36	0 34	18 16	0 4	10 8	16 51	4 13	4 45	15 40	11 46	0 28
W19	13 41	2 8	0s36	7 44	1 15	3 41	1 36	23 12	1 55	3 48	1 7	12 10	1 31	7 37	0 34	18 15	0 4	10 8	16 51	4 13	4 46	15 39	11 48	0 28
T 20	14 0	1n52	1 42	7 24	1 30	4 10	1 36	23 6	1 54	3 43	1 7	12 8	1 31	7 39	0 34	18 15	0 4	10 7	16 51	4 13	4 47	15 38	11 49	0 28
F 21	14 18	5 54	2 45	7 6	1 44	4 39	1 36	22 59	1 53	3 38	1 7	12 7	1 31	7 40	0 34	18 15	0 4	10 7	16 51	4 15	4 49	15 37	11 50	0 28
S 22	14 37	9 45	3 40	6 50	1 57	5 7	1 35	22 53	1 52	3 33	1 7	12 6	1 32	7 41	0 34	18 15	0 4	10 7	16 51	4 17	4 50	15 36	11 52	0 28
S 23	14 56	13 10	4 24	6 37	2 9	5 35	1 35	22 46	1 51	3 29	1 7	12 4	1 32	7 42	0 34	18 15	0 4	10 6	16 51	4 20	4 51	15 35	11 53	0 28
M24	15 14	15 55	4 54	6 27	2 21	6 4	1 34	22 39	1 50	3 24	1 8	12 3	1 32	7 44	0 34	18 15	0 4	10 6	16 51	4 24	4 52	15 34	11 54	0 29
T 25	15 32	17 46	5 6	6 19	2 31	6 32	1 34	22 32	1 49	3 20	1 8	12 2	1 32	7 45	0 34	18 15	0 4	10 6	16 52	4 27	4 54	15 33	11 55	0 29
W26	15 49	18 32	4 59	6 14	2 41	7 0	1 33	22 25	1 48	3 15	1 8	12 1	1 32	7 46	0 34	18 15	0 4	10 5	16 52	4 30	4 55	15 32	11 57	0 29
T 27	16 7	18 8	4 34	6 11	2 49	7 28	1 32	22 18	1 47	3 10	1 8	11 59	1 33	7 47	0 34	18 15	0 4	10 5	16 52	4 32	4 56	15 31	11 58	0 29
F 28	16 24	16 35	3 52	6 11	2 57	7 56	1 31	22 11	1 47	3 6	1 8	11 58	1 33	7 48	0 34	18 15	0 4	10 5	16 52	4 33	4 57	15 30	11 59	0 29
S 29	16 41	14 1	2 56	6 14	3 4	8 23	1 31	22 3	1 46	3 1	1 9	11 57	1 33	7 50	0 34	18 15	0 4	10 4	16 52	4 33	4 59	15 29	12 1	0 29
S 30	16n57	10n38	1s50	6n18	3s 9	8n51	1s30	21n56	1n45	2s57	1s 9	11s56	1s33	7n51	0s34	18s15	0s 4	10s 4	16s52	4n33	5n 0	15s28	12n 2	0s29

Julian Day Number = 2212774.5, Delta T = 09m14s
Ecliptic obliquity = 23°31'18, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°37'18, Lahiri = 14°44'19 Julian Calendar 1 Apr. 1346 == Greg. Calendar 9 Apr. 1346

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ASTRODIENST EPHEMERIS for the year 1346
geocentric

MAY 1346 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	15 6 8	17♉54'11	11♍35	24♈15	27♈39	0♌30	25♓26	2♓56	21♈27	8♒34	13♈51	18°R32	17♍20	6♒30	2♉52	M 1
T 2	15 10 5	18°51'53	25°27	24°51	28°53	1° 2	25°37	2°59	21°31	8°34	13°52	18♍32	17°17	6°37	2°55	T 2
W 3	15 14 2	19°49'33	9♎12	25°31	0♉ 6	1°33	25°48	3° 3	21°34	8°R34	13°54	18°30	17°14	6°43	2°59	W 3
T 4	15 17 58	20°47'12	22°47	26°14	1°19	2° 5	26° 0	3° 6	21°37	8°34	13°55	18°26	17°11	6°50	3° 3	T 4
F 5	15 21 55	21°44'49	6♏12	27° 1	2°32	2°37	26°11	3° 9	21°40	8°34	13°56	18°19	17° 8	6°57	3° 7	F 5
S 6	15 25 51	22°42'25	19°25	27°52	3°45	3° 9	26°22	3°12	21°43	8°34	13°57	18°10	17° 4	7° 3	3°11	S 6
S 7	15 29 48	23°40'00	2♐24	28°45	4°58	3°41	26°33	3°15	21°46	8°34	13°58	17°59	17° 1	7°10	3°14	S 7
M 8	15 33 44	24°37'34	15° 8	29°43	6°11	4°13	26°43	3°18	21°49	8°34	13°59	17°48	16°58	7°17	3°18	M 8
T 9	15 37 41	25°35'06	27°37	0♑43	7°25	4°45	26°54	3°21	21°52	8°34	14° 0	17°37	16°55	7°23	3°22	T 9
W10	15 41 37	26°32'38	9♑52	1°47	8°38	5°17	27° 5	3°24	21°55	8°33	14° 2	17°27	16°52	7°30	3°26	W10
T 11	15 45 34	27°30'09	21°55	2°54	9°51	5°49	27°15	3°26	21°58	8°33	14° 3	17°20	16°49	7°37	3°29	T 11
F 12	15 49 31	28°27'38	3♒49	4° 4	11° 4	6°22	27°26	3°29	22° 1	8°33	14° 4	17°15	16°45	7°43	3°33	F 12
S 13	15 53 27	29°25'07	15°40	5°17	12°17	6°54	27°36	3°31	22° 4	8°33	14° 5	17°12	16°42	7°50	3°37	S 13
S 14	15 57 24	0♊22'35	27°30	6°32	13°30	7°27	27°46	3°34	22° 7	8°32	14° 6	17°D11	16°39	7°57	3°40	S 14
M15	16 1 20	1°20'02	9♓26	7°51	14°44	8° 0	27°56	3°36	22°10	8°32	14° 7	17°11	16°36	8° 3	3°44	M15
T 16	16 5 17	2°17'28	21°33	9°12	15°57	8°33	28° 6	3°38	22°13	8°32	14° 8	17°R11	16°33	8°10	3°48	T 16
W17	16 9 13	3°14'54	3♈56	10°36	17°10	9° 6	28°16	3°40	22°15	8°31	14° 9	17°10	16°30	8°17	3°51	W17
T 18	16 13 10	4°12'19	16°39	12° 3	18°23	9°39	28°26	3°42	22°18	8°31	14°10	17° 7	16°26	8°23	3°55	T 18
F 19	16 17 6	5° 9'43	29°47	13°32	19°37	10°12	28°35	3°44	22°21	8°30	14°11	17° 2	16°23	8°30	3°58	F 19
S 20	16 21 3	6° 7'07	13♉19	15° 5	20°50	10°45	28°45	3°46	22°24	8°30	14°12	16°54	16°20	8°37	4° 2	S 20
S 21	16 25 0	7° 4'29	27°15	16°40	22° 3	11°18	28°54	3°48	22°26	8°29	14°13	16°44	16°17	8°43	4° 5	S 21
M22	16 28 56	8° 1'52	11♊32	18°17	23°16	11°52	29° 3	3°49	22°29	8°29	14°14	16°32	16°14	8°50	4° 9	M22
T 23	16 32 53	8°59'13	26° 4	19°57	24°30	12°25	29°12	3°51	22°32	8°28	14°15	16°21	16°10	8°57	4°12	T 23
W24	16 36 49	9°56'33	10♋44	21°40	25°43	12°59	29°21	3°52	22°34	8°27	14°15	16°11	16° 7	9° 3	4°16	W24
T 25	16 40 46	10°53'53	25°23	23°26	26°56	13°33	29°30	3°54	22°37	8°27	14°16	16° 4	16° 4	9°10	4°19	T 25
F 26	16 44 42	11°51'12	9♌56	25°14	28°10	14° 6	29°39	3°55	22°39	8°26	14°17	15°59	16° 1	9°17	4°22	F 26
S 27	16 48 39	12°48'29	24°18	27° 4	29°23	14°40	29°48	3°56	22°42	8°25	14°18	15°56	15°58	9°23	4°26	S 27
S 28	16 52 35	13°45'46	8♍27	28°58	0♊36	15°14	29°56	3°57	22°44	8°25	14°19	15°56	15°55	9°30	4°29	S 28
M29	16 56 32	14°43'01	22°21	0♊53	1°50	15°48	0♈ 4	3°58	22°47	8°24	14°20	15°56	15°51	9°37	4°32	M29
T 30	17 0 29	15°40'16	6♎ 1	2°51	3° 3	16°22	0°12	3°59	22°49	8°23	14°20	15°55	15°48	9°43	4°36	T 30
W31	17 4 25	16♊37'30	19♎29	4♊51	4♊16	16♌56	0♈21	3♓59	22♈51	8♒22	14♈21	15♍52	15♍45	9♒50	4♉39	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	17n14	6n40	0s37	6n25	3s14	9n18	1s29	21n48	1n44	2s53	1s 9	11s55	1s33	7n52	0s34	18s15	0s 4	10s 4	16s53	4n33	5n 1	15s27	12n 3	0s29
T 2	17 30	2 23	0n37	6 35	3 18	9 45	1 28	21 40	1 43	2 48	1 9	11 54	1 34	7 53	0 34	18 15	0 4	10 4	16 53	4 33	5 2	15 26	12 4	0 29
W 3	17 45	2s 0	1 48	6 46	3 21	10 12	1 26	21 33	1 42	2 44	1 9	11 53	1 34	7 54	0 34	18 15	0 4	10 3	16 53	4 34	5 4	15 25	12 5	0 29
T 4	18 1	6 14	2 52	7 0	3 24	10 38	1 25	21 25	1 41	2 40	1 9	11 52	1 34	7 56	0 34	18 15	0 4	10 3	16 53	4 35	5 5	15 24	12 7	0 29
F 5	18 16	10 5	3 46	7 15	3 25	11 5	1 24	21 16	1 40	2 35	1 10	11 51	1 34	7 57	0 34	18 15	0 4	10 3	16 53	4 38	5 6	15 23	12 8	0 29
S 6	18 31	13 22	4 26	7 33	3 26	11 31	1 23	21 8	1 40	2 31	1 10	11 50	1 35	7 58	0 34	18 15	0 4	10 3	16 54	4 42	5 7	15 22	12 9	0 30
S 7	18 45	15 57	4 52	7 52	3 26	11 57	1 21	21 0	1 39	2 27	1 10	11 49	1 35	7 59	0 34	18 15	0 4	10 2	16 54	4 46	5 9	15 21	12 10	0 30
M 8	18 59	17 41	5 2	8 13	3 25	12 22	1 20	20 51	1 38	2 23	1 10	11 48	1 35	8 0	0 34	18 15	0 4	10 2	16 54	4 50	5 10	15 20	12 12	0 30
T 9	19 13	18 32	4 58	8 36	3 23	12 48	1 18	20 43	1 37	2 19	1 10	11 47	1 35	8 1	0 34	18 15	0 4	10 2	16 54	4 55	5 11	15 19	12 13	0 30
W10	19 27	18 30	4 40	9 0	3 21	13 13	1 17	20 34	1 36	2 15	1 11	11 47	1 35	8 2	0 34	18 15	0 4	10 2	16 54	4 58	5 12	15 18	12 14	0 30
T 11	19 40	17 37	4 10	9 25	3 18	13 37	1 15	20 25	1 35	2 11	1 11	11 46	1 36	8 3	0 34	18 15	0 4	10 1	16 55	5 1	5 13	15 17	12 15	0 30
F 12	19 53	15 58	3 29	9 52	3 14	14 2	1 14	20 16	1 35	2 7	1 11	11 45	1 36	8 4	0 34	18 15	0 4	10 1	16 55	5 3	5 15	15 16	12 16	0 30
S 13	20 6	13 40	2 39	10 21	3 10	14 26	1 12	20 7	1 34	2 3	1 11	11 44	1 36	8 6	0 34	18 15	0 4	10 1	16 55	5 4	5 16	15 15	12 17	0 30
S 14	20 18	10 47	1 43	10 50	3 5	14 50	1 10	19 58	1 33	1 59	1 11	11 44	1 36	8 7	0 34	18 15	0 4	10 1	16 55	5 5	5 17	15 14	12 19	0 30
M15	20 30	7 26	0 41	11 21	2 59	15 13	1 9	19 49	1 32	1 55	1 12	11 43	1 37	8 8	0 34	18 16	0 4	10 1	16 56	5 5	5 18	15 13	12 20	0 30
T 16	20 41	3 43	0s23	11 53	2 53	15 36	1 7	19 39	1 31	1 51	1 12	11 43	1 37	8 9	0 34	18 16	0 4	10 1	16 56	5 5	5 20	15 12	12 21	0 30
W17	20 53	0n14	1 28	12 25	2 46	15 59	1 5	19 30	1 30	1 48	1 12	11 42	1 37	8 10	0 34	18 16	0 4	10 0	16 56	5 5	5 21	15 11	12 22	0 31
T 18	21 4	4 16	2 30	12 59	2 39	16 21	1 3	19 20	1 30	1 44	1 12	11 42	1 37	8 11	0 34	18 16	0 4	10 0	16 56	5 6	5 22	15 10	12 23	0 31
F 19	21 14	8 14	3 25	13 33	2 31	16 43	1 1	19 10	1 29	1 40	1 13	11 41	1 37	8 12	0 34	18 16	0 4	10 0	16 57	5 8	5 23	15 9	12 24	0 31
S 20	21 24	11 53	4 11	14 8	2 23	17 4	0 59	19 1	1 28	1 37	1 13	11 41	1 38	8 13	0 34	18 16	0 4	10 0	16 57	5 11	5 25	15 8	12 25	0 31
S 21	21 34	15 0	4 44	14 44	2 14	17 25	0 57	18 51	1 27	1 33	1 13	11 40	1 38	8 14	0 34	18 16	0 4	10 0	16 57	5 15	5 26	15 6	12 26	0 31
M22	21 43	17 18	5 0	15 20	2 5	17 46	0 55	18 40	1 26	1 30	1 13	11 40	1 38	8 15	0 34	18 17	0 4	10 0	16 58	5 20	5 27	15 5	12 28	0 31
T 23	21 52	18 31	4 57	15 56	1 56	18 6	0 53	18 30	1 26	1 26	1 14	11 39	1 38	8 16	0 34	18 17	0 4	10 0	16 58	5 24	5 28	15 4	12 29	0 31
W24	22 1	18 32	4 34	16 32	1 46	18 26	0 51	18 20	1 25	1 23	1 14	11 39	1 39	8 17	0 34	18 17	0 4	10 0	16 58	5 28	5 30	15 3	12 30	0 31
T 25	22 9	17 18	3 54	17 9	1 36	18 45	0 49	18 9	1 24	1 20	1 14	11 39	1 39	8 18	0 34	18 17	0 4	10 0	16 58	5 31	5 31	15 2	12 31	0 31
F 26	22 17	14 58	2 58	17 46	1 25	19 3	0 47	17 59	1 23	1 16	1 14	11 39	1 39	8 19	0 34	18 17	0 4	10 0	16 59	5 33	5 32	15 1	12 32	0 31
S 27	22 25	11 43	1 52	18 22	1 14	19 22	0 45	17 48	1 23	1 13	1 14	11 38	1 39	8 19	0 34	18 17	0 4	10 0	16 59	5 34	5 33	15 0	12 33	0 31
S 28	22 32	7 49	0 39	18 58	1 3	19 39	0 42	17 37	1 22	1 10	1 15	11 38	1 40	8 20	0 34	18 18	0 4	10 0	16 59	5 34	5 35	14 59	12 34	0 32
M29	22 39	3 34	0n34	19 33	0 52	19 57	0 40	17 27	1 21	1 7	1 15	11 38	1 40	8 21	0 35	18 18	0 4	10 0	17 0	5 34	5 36	14 58	12 35	0 32
T 30	22 45	0s48	1 44	20 8	0 41	20 13	0 38	17 16	1 20	1 4	1 15	11 38	1 40	8 22	0 35	18 18	0 4	10 0	17 0	5 34	5 37	14 57	12 36	0 32
W31	22n51	5s 4	2n47	20n41	0s30	20n29	0s36	17n 4	1n19	1s 1	1s15	11s38	1s40	8n23	0s35	18s18	0s 4	10s 0	17s 0	5n35	5n38	14s56	12n37	0s32

Julian Day Number = 2212804.5, Delta T = 09m14s
Ecliptic obliquity = 23°31'18, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°37'22, Lahiri = 14°44'23 Julian Calendar 1 May 1346 == Greg. Calendar 9 May 1346

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ASTRODIENST EPHEMERIS for the year 1346
geocentric

JUNE 1346 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	17 8 22	17♊34'43	2♏43	6♊53	5♊30	17♌31	0♈28	4♓ 0	22♈54	8°R21	14♈22	15°R47	15♍42	9♒57	4♉42	T 1
F 2	17 12 18	18°31'56	15°46	8°57	6°43	18° 5	0°36	4° 1	22°56	8♒20	14°23	15♍39	15°39	10° 3	4°45	F 2
S 3	17 16 15	19°29'08	28°38	11° 3	7°56	18°39	0°44	4° 1	22°58	8°19	14°23	15°29	15°36	10°10	4°48	S 3
S 4	17 20 11	20°26'19	11♐18	13°10	9°10	19°14	0°51	4° 1	23° 0	8°19	14°24	15°17	15°32	10°17	4°51	S 4
M 5	17 24 8	21°23'30	23°47	15°19	10°23	19°48	0°59	4° 2	23° 3	8°18	14°25	15° 3	15°29	10°23	4°54	M 5
T 6	17 28 4	22°20'41	6♑ 5	17°28	11°36	20°23	1° 6	4° 2	23° 5	8°17	14°25	14°51	15°26	10°30	4°57	T 6
W 7	17 32 1	23°17'51	18°12	19°39	12°50	20°57	1°13	4°R 2	23° 7	8°16	14°26	14°39	15°23	10°37	5° 0	W 7
T 8	17 35 58	24°15'02	0♒10	21°50	14° 3	21°32	1°20	4° 2	23° 9	8°15	14°27	14°30	15°20	10°43	5° 3	T 8
F 9	17 39 54	25°12'12	12° 1	24° 1	15°17	22° 7	1°27	4° 1	23°11	8°14	14°27	14°24	15°16	10°50	5° 6	F 9
S 10	17 43 51	26° 9'22	23°49	26°12	16°30	22°42	1°33	4° 1	23°13	8°12	14°28	14°20	15°13	10°57	5° 9	S 10
S 11	17 47 47	27° 6'32	5♓39	28°23	17°44	23°17	1°40	4° 1	23°15	8°11	14°28	14°19	15°10	11° 4	5°12	S 11
M12	17 51 44	28° 3'42	17°33	0♋33	18°57	23°52	1°46	4° 0	23°17	8°10	14°29	14°D18	15° 7	11°10	5°14	M12
T 13	17 55 40	29° 0'52	29°39	2°42	20°11	24°27	1°52	4° 0	23°19	8° 9	14°29	14°R18	15° 4	11°17	5°17	T 13
W14	17 59 37	29°58'03	12♈ 1	4°51	21°24	25° 2	1°58	3°59	23°20	8° 8	14°30	14°18	15° 1	11°24	5°20	W14
T 15	18 3 33	0♋55'13	24°44	6°58	22°38	25°37	2° 4	3°58	23°22	8° 7	14°30	14°16	14°57	11°30	5°22	T 15
F 16	18 7 30	1°52'24	7♉53	9° 4	23°51	26°13	2° 9	3°58	23°24	8° 5	14°31	14°11	14°54	11°37	5°25	F 16
S 17	18 11 27	2°49'35	21°30	11° 8	25° 5	26°48	2°15	3°57	23°26	8° 4	14°31	14° 5	14°51	11°44	5°27	S 17
S 18	18 15 23	3°46'47	5♊34	13°10	26°19	27°24	2°20	3°56	23°27	8° 3	14°32	13°56	14°48	11°50	5°30	S 18
M19	18 19 20	4°43'59	20° 4	15°11	27°32	27°59	2°25	3°54	23°29	8° 2	14°32	13°46	14°45	11°57	5°32	M19
T 20	18 23 16	5°41'10	4♋53	17°11	28°46	28°35	2°30	3°53	23°30	8° 0	14°32	13°36	14°42	12° 4	5°35	T 20
W21	18 27 13	6°38'23	19°53	19° 8	29°59	29°10	2°35	3°52	23°32	7°59	14°33	13°27	14°38	12°10	5°37	W21
T 22	18 31 9	7°35'35	4♌54	21° 3	1♋13	29°46	2°40	3°50	23°33	7°58	14°33	13°20	14°35	12°17	5°39	T 22
F 23	18 35 6	8°32'47	19°47	22°57	2°27	0♍22	2°44	3°49	23°35	7°56	14°33	13°16	14°32	12°24	5°42	F 23
S 24	18 39 3	9°29'59	4♍26	24°49	3°40	0°58	2°48	3°47	23°36	7°55	14°34	13°14	14°29	12°30	5°44	S 24
S 25	18 42 59	10°27'11	18°46	26°39	4°54	1°34	2°52	3°46	23°37	7°54	14°34	13°D14	14°26	12°37	5°46	S 25
M26	18 46 56	11°24'23	2♎46	28°27	6° 8	2°10	2°56	3°44	23°39	7°52	14°34	13°14	14°22	12°44	5°48	M26
T 27	18 50 52	12°21'35	16°25	0♌13	7°22	2°46	3° 0	3°42	23°40	7°51	14°34	13°R14	14°19	12°50	5°50	T 27
W28	18 54 49	13°18'47	29°45	1°57	8°35	3°22	3° 4	3°40	23°41	7°49	14°35	13°13	14°16	12°57	5°52	W28
T 29	18 58 45	14°15'59	12♏48	3°39	9°49	3°58	3° 7	3°38	23°42	7°48	14°35	13°10	14°13	13° 4	5°54	T 29
F 30	19 2 42	15♋13'12	25♏36	5♌19	11♋ 3	4♍35	3♈10	3♓36	23♈43	7♒46	14♈35	13♍ 4	14♍10	13♒10	5♉56	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n56	9s 0	3n40	21n14	0s19	20n45	0s33	16n53	1n19	0s58	1s16	11s38	1s40	8n24	0s35	18s19	0s 4	10s 0	17s 0	5n37	5n39	14s55	12n38	0s32
F 2	23 1	12 27	4 21	21 45	0 7	21 0	0 31	16 42	1 18	0 55	1 16	11 38	1 41	8 25	0 35	18 19	0 4	10 0	17 1	5 40	5 41	14 54	12 39	0 32
S 3	23 6	15 15	4 48	22 14	0n 4	21 14	0 29	16 31	1 17	0 52	1 16	11 38	1 41	8 25	0 35	18 19	0 4	10 0	17 1	5 45	5 42	14 53	12 40	0 32
S 4	23 11	17 16	5 0	22 42	0 14	21 28	0 26	16 19	1 16	0 50	1 16	11 38	1 41	8 26	0 35	18 19	0 4	10 0	17 1	5 49	5 43	14 52	12 41	0 32
M 5	23 14	18 26	4 57	23 7	0 25	21 41	0 24	16 7	1 16	0 47	1 17	11 38	1 41	8 27	0 35	18 20	0 4	10 0	17 2	5 54	5 44	14 51	12 42	0 32
T 6	23 18	18 43	4 40	23 30	0 35	21 54	0 22	15 56	1 15	0 44	1 17	11 39	1 42	8 28	0 35	18 20	0 4	10 0	17 2	5 59	5 46	14 49	12 42	0 32
W 7	23 21	18 8	4 11	23 51	0 45	22 6	0 19	15 44	1 14	0 42	1 17	11 39	1 42	8 29	0 35	18 20	0 5	10 0	17 2	6 4	5 47	14 48	12 43	0 33
T 8	23 24	16 45	3 31	24 10	0 54	22 17	0 17	15 32	1 13	0 39	1 18	11 39	1 42	8 29	0 35	18 20	0 5	10 0	17 3	6 7	5 48	14 47	12 44	0 33
F 9	23 26	14 39	2 42	24 25	1 2	22 28	0 14	15 20	1 13	0 37	1 18	11 39	1 42	8 30	0 35	18 21	0 5	10 0	17 3	6 10	5 49	14 46	12 45	0 33
S 10	23 28	11 57	1 46	24 38	1 10	22 38	0 12	15 8	1 12	0 34	1 18	11 40	1 43	8 31	0 35	18 21	0 5	10 0	17 3	6 11	5 51	14 45	12 46	0 33
S 11	23 29	8 46	0 46	24 49	1 18	22 48	0 10	14 55	1 11	0 32	1 18	11 40	1 43	8 31	0 35	18 21	0 5	10 0	17 4	6 12	5 52	14 44	12 47	0 33
M12	23 30	5 12	0s17	24 56	1 25	22 57	0 7	14 43	1 10	0 30	1 19	11 40	1 43	8 32	0 35	18 22	0 5	10 0	17 4	6 12	5 53	14 43	12 48	0 33
T 13	23 31	1 22	1 21	25 0	1 31	23 5	0 5	14 31	1 10	0 28	1 19	11 41	1 43	8 33	0 35	18 22	0 5	10 0	17 4	6 12	5 54	14 42	12 48	0 33
W14	23 31	2n36	2 22	25 2	1 36	23 12	0 2	14 18	1 9	0 26	1 19	11 41	1 44	8 34	0 35	18 22	0 5	10 0	17 5	6 12	5 56	14 41	12 49	0 33
T 15	23 31	6 33	3 17	25 1	1 41	23 19	0n 0	14 6	1 8	0 23	1 19	11 42	1 44	8 34	0 35	18 23	0 5	10 1	17 5	6 13	5 57	14 40	12 50	0 33
F 16	23 30	10 20	4 5	24 57	1 44	23 25	0 3	13 53	1 7	0 21	1 20	11 42	1 44	8 35	0 35	18 23	0 5	10 1	17 5	6 15	5 58	14 38	12 51	0 34
S 17	23 29	13 42	4 40	24 50	1 48	23 31	0 5	13 40	1 7	0 20	1 20	11 43	1 44	8 35	0 35	18 23	0 5	10 1	17 6	6 17	5 59	14 37	12 51	0 34
S 18	23 28	16 23	5 0	24 41	1 50	23 36	0 7	13 27	1 6	0 18	1 20	11 43	1 44	8 36	0 35	18 24	0 5	10 1	17 6	6 21	6 0	14 36	12 52	0 34
M19	23 26	18 9	5 1	24 30	1 52	23 40	0 10	13 14	1 5	0 16	1 21	11 44	1 45	8 37	0 35	18 24	0 5	10 1	17 6	6 24	6 2	14 35	12 53	0 34
T 20	23 24	18 44	4 42	24 16	1 52	23 43	0 12	13 1	1 5	0 14	1 21	11 45	1 45	8 37	0 35	18 24	0 5	10 1	17 7	6 28	6 3	14 34	12 54	0 34
W21	23 21	18 1	4 4	24 1	1 53	23 46	0 14	12 48	1 4	0 13	1 21	11 45	1 45	8 38	0 35	18 25	0 5	10 2	17 7	6 32	6 4	14 33	12 54	0 34
T 22	23 18	16 3	3 9	23 43	1 52	23 48	0 17	12 35	1 3	0 11	1 21	11 46	1 45	8 38	0 35	18 25	0 5	10 2	17 7	6 34	6 5	14 32	12 55	0 34
F 23	23 15	13 0	2 2	23 23	1 51	23 49	0 19	12 21	1 2	0 9	1 22	11 47	1 46	8 39	0 35	18 25	0 5	10 2	17 8	6 36	6 7	14 31	12 56	0 34
S 24	23 11	9 11	0 47	23 2	1 50	23 50	0 21	12 8	1 2	0 8	1 22	11 48	1 46	8 39	0 35	18 26	0 5	10 2	17 8	6 37	6 8	14 29	12 56	0 34
S 25	23 6	4 55	0n30	22 39	1 47	23 50	0 24	11 54	1 1	0 7	1 22	11 49	1 46	8 40	0 35	18 26	0 5	10 2	17 8	6 37	6 9	14 28	12 57	0 35
M26	23 2	0 28	1 42	22 15	1 44	23 49	0 26	11 41	1 0	0 5	1 23	11 49	1 46	8 40	0 35	18 26	0 5	10 3	17 9	6 37	6 10	14 27	12 57	0 35
T 27	22 57	3s54	2 48	21 49	1 41	23 47	0 28	11 27	1 0	0 4	1 23	11 50	1 46	8 41	0 35	18 27	0 5	10 3	17 9	6 37	6 11	14 26	12 58	0 35
W28	22 51	7 57	3 42	21 22	1 37	23 45	0 30	11 13	0 59	0 3	1 23	11 51	1 47	8 41	0 35	18 27	0 5	10 3	17 10	6 37	6 13	14 25	12 59	0 35
T 29	22 45	11 32	4 24	20 54	1 32	23 42	0 33	10 59	0 58	0 2	1 24	11 52	1 47	8 41	0 35	18 28	0 5	10 3	17 10	6 38	6 14	14 24	12 59	0 35
F 30	22n39	14s30	4n51	20n25	1n27	23n38	0n35	10n45	0n57	0s 1	1s24	11s53	1s47	8n42	0s35	18s28	0s 5	10s 4	17s10	6n41	6n15	14s23	13n 0	0s35

Julian Day Number = 2212835.5, Delta T = 09m14s
Ecliptic obliquity = 23°31'17, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°37'27, Lahiri = 14°44'27 Julian Calendar 1 June 1346 == Greg. Calendar 9 June 1346

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ASTRODIENST EPHEMERIS for the year 1346
geocentric

JULY 1346 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	19 6 38	16♋10'25	8♐11	6♌57	12♋17	5♍11	3♈13	3°R33	23♈44	7°R45	14♈35	12°R56	14♍ 7	13♒17	5♉58	S 1
S 2	19 10 35	17° 7'38	20°35	8°34	13°30	5°47	3°16	3♓31	23°46	7♒43	14°35	12♍47	14° 3	13°24	6° 0	S 2
M 3	19 14 32	18° 4'51	2♑49	10° 8	14°44	6°24	3°19	3°29	23°46	7°42	14°35	12°37	14° 0	13°30	6° 2	M 3
T 4	19 18 28	19° 2'05	14°55	11°41	15°58	7° 0	3°21	3°26	23°47	7°40	14°35	12°27	13°57	13°37	6° 4	T 4
W 5	19 22 25	19°59'20	26°53	13°12	17°12	7°37	3°23	3°23	23°48	7°39	14°36	12°18	13°54	13°44	6° 5	W 5
T 6	19 26 21	20°56'35	8♒46	14°40	18°26	8°13	3°25	3°21	23°49	7°37	14°36	12°12	13°51	13°50	6° 7	T 6
F 7	19 30 18	21°53'51	20°35	16° 7	19°40	8°50	3°27	3°18	23°50	7°36	14°R36	12° 7	13°48	13°57	6° 8	F 7
S 8	19 34 14	22°51'08	2♓22	17°32	20°53	9°27	3°29	3°15	23°51	7°34	14°36	12° 5	13°44	14° 4	6°10	S 8
S 9	19 38 11	23°48'25	14°12	18°55	22° 7	10° 4	3°30	3°12	23°51	7°33	14°36	12°D 4	13°41	14°10	6°11	S 9
M10	19 42 7	24°45'44	26° 7	20°16	23°21	10°41	3°32	3° 9	23°52	7°31	14°35	12° 5	13°38	14°17	6°13	M10
T 11	19 46 4	25°43'03	8♈13	21°34	24°35	11°17	3°33	3° 6	23°52	7°30	14°35	12° 6	13°35	14°24	6°14	T 11
W12	19 50 1	26°40'24	20°34	22°51	25°49	11°54	3°34	3° 3	23°53	7°28	14°35	12° 7	13°32	14°30	6°16	W12
T 13	19 53 57	27°37'46	3♉15	24° 5	27° 3	12°32	3°34	3° 0	23°53	7°26	14°35	12°R 7	13°28	14°37	6°17	T 13
F 14	19 57 54	28°35'08	16°21	25°17	28°17	13° 9	3°35	2°57	23°54	7°25	14°35	12° 6	13°25	14°44	6°18	F 14
S 15	20 1 50	29°32'33	29°54	26°27	29°31	13°46	3°35	2°53	23°54	7°23	14°35	12° 2	13°22	14°50	6°19	S 15
S 16	20 5 47	0♌29'58	13♊55	27°35	0♌45	14°23	3°R35	2°50	23°55	7°22	14°35	11°58	13°19	14°57	6°20	S 16
M17	20 9 43	1°27'24	28°24	28°40	1°59	15° 0	3°35	2°46	23°55	7°20	14°35	11°52	13°16	15° 3	6°21	M17
T 18	20 13 40	2°24'52	13♋16	29°42	3°13	15°38	3°35	2°43	23°55	7°18	14°34	11°46	13°13	15°10	6°22	T 18
W19	20 17 36	3°22'21	28°23	0♍42	4°27	16°15	3°34	2°39	23°55	7°17	14°34	11°41	13° 9	15°17	6°23	W19
T 20	20 21 33	4°19'51	13♌36	1°38	5°42	16°53	3°34	2°35	23°55	7°15	14°34	11°37	13° 6	15°23	6°24	T 20
F 21	20 25 30	5°17'22	28°44	2°32	6°56	17°30	3°33	2°32	23°56	7°13	14°34	11°35	13° 3	15°30	6°25	F 21
S 22	20 29 26	6°14'53	13♍39	3°23	8°10	18° 8	3°32	2°28	23°R56	7°12	14°33	11°D34	13° 0	15°37	6°26	S 22
S 23	20 33 23	7°12'26	28°14	4°11	9°24	18°46	3°30	2°24	23°56	7°10	14°33	11°35	12°57	15°43	6°26	S 23
M24	20 37 19	8° 9'59	12♎25	4°55	10°38	19°23	3°29	2°20	23°55	7° 9	14°33	11°36	12°53	15°50	6°27	M24
T 25	20 41 16	9° 7'34	26°11	5°35	11°52	20° 1	3°27	2°16	23°55	7° 7	14°32	11°38	12°50	15°57	6°27	T 25
W26	20 45 12	10° 5'09	9♏33	6°12	13° 6	20°39	3°25	2°12	23°55	7° 5	14°32	11°R38	12°47	16° 3	6°28	W26
T 27	20 49 9	11° 2'46	22°33	6°45	14°21	21°17	3°23	2° 8	23°55	7° 4	14°31	11°38	12°44	16°10	6°28	T 27
F 28	20 53 5	12° 0'23	5♐14	7°13	15°35	21°55	3°21	2° 4	23°55	7° 2	14°31	11°36	12°41	16°17	6°29	F 28
S 29	20 57 2	12°58'01	17°40	7°37	16°49	22°33	3°18	2° 0	23°54	7° 0	14°31	11°33	12°38	16°23	6°29	S 29
S 30	21 0 59	13°55'41	29°53	7°57	18° 3	23°11	3°16	1°55	23°54	6°59	14°30	11°28	12°34	16°30	6°29	S 30
M31	21 4 55	14♌53'22	11♑57	8♍11	19♌17	23♍49	3♈13	1♓51	23♈54	6♒57	14♈30	11♍24	12♍31	16♒37	6♉30	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n32	16s44	5n 4	19n55	1n22	23n34	0n37	10n31	0n57	0s 0	1s24	11s54	1s47	8n42	0s35	18s28	0s 5	10s 4	17s11	6n44	6n16	14s21	13n 0	0s35
S 2	22 25	18 9	5 2	19 24	1 16	23 29	0 39	10 17	0 56	0n 1	1 24	11 55	1 48	8 42	0 35	18 29	0 5	10 4	17 11	6 47	6 18	14 20	13 1	0 35
M 3	22 18	18 43	4 47	18 53	1 9	23 23	0 41	10 3	0 55	0 2	1 25	11 56	1 48	8 43	0 35	18 29	0 5	10 4	17 11	6 51	6 19	14 19	13 1	0 35
T 4	22 10	18 24	4 18	18 20	1 2	23 17	0 43	9 49	0 55	0 2	1 25	11 57	1 48	8 43	0 35	18 30	0 5	10 5	17 12	6 55	6 20	14 18	13 2	0 36
W 5	22 2	17 17	3 39	17 48	0 55	23 10	0 45	9 35	0 54	0 3	1 25	11 59	1 48	8 43	0 35	18 30	0 5	10 5	17 12	6 58	6 21	14 17	13 2	0 36
T 6	21 53	15 24	2 50	17 15	0 47	23 2	0 47	9 20	0 53	0 3	1 26	12 0	1 48	8 44	0 35	18 30	0 5	10 5	17 12	7 1	6 23	14 16	13 3	0 36
F 7	21 44	12 53	1 53	16 41	0 39	22 53	0 49	9 6	0 53	0 4	1 26	12 1	1 49	8 44	0 35	18 31	0 5	10 6	17 13	7 2	6 24	14 14	13 3	0 36
S 8	21 35	9 51	0 52	16 7	0 31	22 44	0 51	8 51	0 52	0 4	1 26	12 2	1 49	8 44	0 35	18 31	0 5	10 6	17 13	7 3	6 25	14 13	13 3	0 36
S 9	21 25	6 25	0s12	15 34	0 22	22 34	0 53	8 37	0 51	0 5	1 27	12 3	1 49	8 44	0 35	18 32	0 5	10 6	17 13	7 3	6 26	14 12	13 4	0 36
M10	21 15	2 42	1 15	14 59	0 13	22 24	0 55	8 22	0 50	0 5	1 27	12 5	1 49	8 45	0 35	18 32	0 5	10 7	17 14	7 3	6 27	14 11	13 4	0 36
T 11	21 4	1n11	2 17	14 25	0 4	22 12	0 57	8 7	0 50	0 5	1 27	12 6	1 49	8 45	0 35	18 32	0 5	10 7	17 14	7 3	6 29	14 10	13 4	0 36
W12	20 54	5 5	3 13	13 51	0s 6	22 1	0 58	7 52	0 49	0 5	1 27	12 7	1 50	8 45	0 35	18 33	0 5	10 7	17 14	7 2	6 30	14 9	13 5	0 36
T 13	20 42	8 51	4 2	13 17	0 16	21 48	1 0	7 38	0 48	0 5	1 28	12 9	1 50	8 45	0 35	18 33	0 5	10 8	17 15	7 2	6 31	14 7	13 5	0 37
F 14	20 31	12 19	4 40	12 44	0 26	21 35	1 2	7 23	0 48	0 5	1 28	12 10	1 50	8 45	0 35	18 34	0 5	10 8	17 15	7 3	6 32	14 6	13 5	0 37
S 15	20 19	15 15	5 3	12 10	0 36	21 21	1 3	7 8	0 47	0 5	1 28	12 11	1 50	8 45	0 36	18 34	0 5	10 9	17 16	7 4	6 34	14 5	13 6	0 37
S 16	20 7	17 25	5 10	11 37	0 47	21 7	1 5	6 53	0 46	0 5	1 29	12 13	1 50	8 45	0 36	18 35	0 5	10 9	17 16	7 6	6 35	14 4	13 6	0 37
M17	19 54	18 33	4 58	11 5	0 58	20 52	1 6	6 38	0 46	0 4	1 29	12 14	1 50	8 46	0 36	18 35	0 5	10 9	17 16	7 8	6 36	14 3	13 6	0 37
T 18	19 41	18 28	4 25	10 33	1 9	20 36	1 8	6 22	0 45	0 4	1 29	12 16	1 51	8 46	0 36	18 35	0 5	10 10	17 17	7 10	6 37	14 1	13 6	0 37
W19	19 28	17 4	3 34	10 1	1 20	20 20	1 9	6 7	0 44	0 3	1 30	12 17	1 51	8 46	0 36	18 36	0 5	10 10	17 17	7 12	6 38	14 0	13 6	0 37
T 20	19 15	14 27	2 27	9 31	1 31	20 3	1 11	5 52	0 44	0 3	1 30	12 19	1 51	8 46	0 36	18 36	0 5	10 10	17 17	7 14	6 40	13 59	13 7	0 37
F 21	19 1	10 52	1 10	9 1	1 42	19 46	1 12	5 37	0 43	0 2	1 30	12 20	1 51	8 46	0 36	18 37	0 5	10 11	17 18	7 15	6 41	13 58	13 7	0 38
S 22	18 47	6 38	0n11	8 32	1 54	19 28	1 13	5 21	0 42	0 1	1 30	12 22	1 51	8 46	0 36	18 37	0 5	10 11	17 18	7 15	6 42	13 57	13 7	0 38
S 23	18 32	2 5	1 30	8 4	2 5	19 9	1 14	5 6	0 42	0 1	1 31	12 23	1 51	8 46	0 36	18 38	0 5	10 12	17 18	7 15	6 43	13 55	13 7	0 38
M24	18 17	2s27	2 41	7 37	2 17	18 50	1 15	4 50	0 41	0s 0	1 31	12 25	1 52	8 46	0 36	18 38	0 5	10 12	17 19	7 14	6 45	13 54	13 7	0 38
T 25	18 2	6 43	3 40	7 12	2 28	18 31	1 17	4 35	0 40	0 1	1 31	12 26	1 52	8 46	0 36	18 38	0 5	10 13	17 19	7 14	6 46	13 53	13 7	0 38
W26	17 47	10 31	4 26	6 47	2 40	18 11	1 18	4 19	0 40	0 2	1 32	12 28	1 52	8 45	0 36	18 39	0 5	10 13	17 19	7 13	6 47	13 52	13 7	0 38
T 27	17 31	13 42	4 56	6 25	2 51	17 50	1 19	4 4	0 39	0 3	1 32	12 30	1 52	8 45	0 36	18 39	0 5	10 14	17 20	7 14	6 48	13 51	13 7	0 38
F 28	17 15	16 8	5 11	6 4	3 2	17 29	1 19	3 48	0 38	0 4	1 32	12 31	1 52	8 45	0 36	18 40	0 5	10 14	17 20	7 14	6 49	13 49	13 7	0 38
S 29	16 59	17 47	5 12	5 45	3 13	17 7	1 20	3 32	0 37	0 6	1 32	12 33	1 52	8 45	0 36	18 40	0 5	10 14	17 20	7 16	6 51	13 48	13 7	0 39
S 30	16 42	18 34	4 57	5 28	3 24	16 45	1 21	3 17	0 37	0 7	1 33	12 35	1 52	8 45	0 36	18 41	0 5	10 15	17 21	7 17	6 52	13 47	13 7	0 39
M31	16n25	18s30	4n30	5n13	3s34	16n23	1n22	3n 1	0n36	0s 8	1s33	12s36	1s53	8n45	0s36	18s41	0s 5	10s15	17s21	7n19	6n53	13s46	13n 7	0s39

Julian Day Number = 2212865.5, Delta T = 09m14s
Ecliptic obliquity = 23°31'17, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°37'31, Lahiri = 14°44'31 Julian Calendar 1 July 1346 == Greg. Calendar 9 July 1346

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ASTRODIENST EPHEMERIS for the year 1346
geocentric

AUGUST 1346 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	21 8 52	15♌51'04	23♉54	8♍21	20♌32	24♍28	3°R10	1°R47	23°R53	6°R56	14°R29	11°R20	12♍28	16♒43	6♉30	T 1
W 2	21 12 48	16°48'47	5♒46	8°R25	21°46	25° 6	3♈ 7	1♓43	23♈53	6♒54	14♈29	11♍16	12°25	16°50	6°30	W 2
T 3	21 16 45	17°46'31	17°35	8°23	23° 0	25°44	3° 3	1°38	23°52	6°52	14°28	11°13	12°22	16°57	6°R30	T 3
F 4	21 20 41	18°44'17	29°23	8°16	24°14	26°23	3° 0	1°34	23°52	6°51	14°27	11°11	12°19	17° 3	6°30	F 4
S 5	21 24 38	19°42'05	11♓13	8° 3	25°29	27° 1	2°56	1°30	23°51	6°49	14°27	11°D11	12°15	17°10	6°30	S 5
S 6	21 28 34	20°39'54	23° 7	7°45	26°43	27°40	2°52	1°25	23°50	6°48	14°26	11°11	12°12	17°17	6°30	S 6
M 7	21 32 31	21°37'44	5♈ 8	7°20	27°57	28°18	2°48	1°21	23°49	6°46	14°26	11°12	12° 9	17°23	6°30	M 7
T 8	21 36 27	22°35'37	17°19	6°50	29°12	28°57	2°43	1°16	23°49	6°44	14°25	11°14	12° 6	17°30	6°29	T 8
W 9	21 40 24	23°33'31	29°44	6°14	0♍26	29°36	2°39	1°12	23°48	6°43	14°24	11°15	12° 3	17°37	6°29	W 9
T 10	21 44 21	24°31'27	12♉26	5°33	1°40	0♎14	2°34	1° 7	23°47	6°41	14°24	11°16	11°59	17°43	6°29	T 10
F 11	21 48 17	25°29'25	25°29	4°47	2°55	0°53	2°29	1° 3	23°46	6°40	14°23	11°R17	11°56	17°50	6°28	F 11
S 12	21 52 14	26°27'25	8♊55	3°57	4° 9	1°32	2°24	0°58	23°45	6°38	14°22	11°16	11°53	17°57	6°28	S 12
S 13	21 56 10	27°25'27	22°47	3° 4	5°23	2°11	2°19	0°53	23°44	6°37	14°22	11°15	11°50	18° 3	6°27	S 13
M14	22 0 7	28°23'31	7♋ 5	2° 8	6°38	2°50	2°14	0°49	23°43	6°35	14°21	11°14	11°47	18°10	6°26	M14
T 15	22 4 3	29°21'36	21°46	1°11	7°52	3°29	2° 9	0°44	23°42	6°34	14°20	11°13	11°44	18°17	6°26	T 15
W16	22 8 0	0♍19'44	6♌45	0°14	9° 6	4° 8	2° 3	0°40	23°41	6°32	14°19	11°11	11°40	18°23	6°25	W16
T 17	22 11 56	1°17'53	21°53	29♌18	10°21	4°47	1°57	0°35	23°40	6°31	14°19	11°10	11°37	18°30	6°24	T 17
F 18	22 15 53	2°16'05	7♍ 3	28°24	11°35	5°27	1°51	0°31	23°38	6°29	14°18	11°D10	11°34	18°37	6°23	F 18
S 19	22 19 50	3°14'18	22° 4	27°33	12°50	6° 6	1°45	0°26	23°37	6°28	14°17	11°10	11°31	18°43	6°23	S 19
S 20	22 23 46	4°12'32	6♎49	26°48	14° 4	6°45	1°39	0°21	23°36	6°27	14°16	11°11	11°28	18°50	6°22	S 20
M21	22 27 43	5°10'48	21°11	26° 8	15°19	7°25	1°32	0°17	23°34	6°25	14°15	11°11	11°25	18°57	6°21	M21
T 22	22 31 39	6° 9'06	5♏ 7	25°35	16°33	8° 4	1°26	0°12	23°33	6°24	14°14	11°12	11°21	19° 3	6°20	T 22
W23	22 35 36	7° 7'26	18°36	25°10	17°47	8°44	1°19	0° 8	23°32	6°23	14°14	11°12	11°18	19°10	6°18	W23
T 24	22 39 32	8° 5'47	1♐40	24°53	19° 2	9°24	1°13	0° 3	23°30	6°21	14°13	11°12	11°15	19°17	6°17	T 24
F 25	22 43 29	9° 4'09	14°22	24°D45	20°16	10° 3	1° 6	29♒59	23°29	6°20	14°12	11°R12	11°12	19°23	6°16	F 25
S 26	22 47 25	10° 2'34	26°45	24°46	21°31	10°43	0°59	29°54	23°27	6°19	14°11	11°12	11° 9	19°30	6°15	S 26
S 27	22 51 22	11° 1'00	8♑53	24°56	22°45	11°23	0°52	29°50	23°25	6°17	14°10	11°D12	11° 5	19°36	6°13	S 27
M28	22 55 19	11°59'27	20°52	25°15	24° 0	12° 3	0°45	29°45	23°24	6°16	14° 9	11°12	11° 2	19°43	6°12	M28
T 29	22 59 15	12°57'56	2♒43	25°44	25°14	12°43	0°37	29°41	23°22	6°15	14° 8	11°12	10°59	19°50	6°11	T 29
W30	23 3 12	13°56'27	14°32	26°21	26°29	13°23	0°30	29°37	23°20	6°14	14° 7	11°12	10°56	19°56	6° 9	W30
T 31	23 7 8	14♍55'00	26♒21	27♌ 7	27♍43	14♎ 3	0♈23	29♒32	23♈19	6♒12	14♈ 6	11♍13	10♍53	20♒ 3	6♉ 7	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	16n 8	17s36	3n51	5n 0	3s44	16n 0	1n22	2n45	0n35	0s10	1s33	12s38	1s53	8n45	0s36	18s41	0s 5	10s16	17s21	7n20	6n54	13s44	13n 7	0s39	T 1
W 2	15 51	15 56	3 3	4 50	3 53	15 37	1 23	2 29	0 35	0 11	1 34	12 39	1 53	8 44	0 36	18 42	0 5	10 16	17 21	7 22	6 56	13 43	13 7	0 39	W 2
T 3	15 33	13 37	2 7	4 43	4 2	15 13	1 24	2 13	0 34	0 13	1 34	12 41	1 53	8 44	0 36	18 42	0 5	10 17	17 22	7 23	6 57	13 42	13 7	0 39	T 3
F 4	15 16	10 43	1 5	4 38	4 10	14 48	1 24	1 57	0 33	0 15	1 34	12 43	1 53	8 44	0 36	18 43	0 5	10 17	17 22	7 24	6 58	13 41	13 7	0 39	F 4
S 5	14 58	7 23	0s 0	4 36	4 17	14 24	1 24	1 41	0 33	0 16	1 34	12 45	1 53	8 44	0 36	18 43	0 5	10 18	17 22	7 24	6 59	13 40	13 7	0 39	S 5
S 6	14 39	3 44	1 6	4 38	4 23	13 59	1 25	1 25	0 32	0 18	1 35	12 46	1 53	8 43	0 36	18 43	0 5	10 18	17 23	7 24	7 0	13 38	13 7	0 40	S 6
M 7	14 21	0n 5	2 9	4 42	4 28	13 33	1 25	1 9	0 31	0 20	1 35	12 48	1 53	8 43	0 36	18 44	0 5	10 19	17 23	7 23	7 2	13 37	13 6	0 40	M 7
T 8	14 2	3 57	3 7	4 50	4 31	13 7	1 25	0 53	0 31	0 22	1 35	12 50	1 54	8 43	0 36	18 44	0 5	10 19	17 23	7 23	7 3	13 36	13 6	0 40	T 8
W 9	13 43	7 43	3 57	5 2	4 33	12 41	1 25	0 37	0 30	0 24	1 35	12 51	1 54	8 42	0 36	18 45	0 5	10 20	17 23	7 22	7 4	13 35	13 6	0 40	W 9
T 10	13 24	11 13	4 38	5 16	4 33	12 15	1 25	0 21	0 29	0 26	1 36	12 53	1 54	8 42	0 36	18 45	0 5	10 20	17 24	7 22	7 5	13 33	13 6	0 40	T 10
F 11	13 4	14 15	5 5	5 34	4 32	11 48	1 25	0 5	0 29	0 28	1 36	12 55	1 54	8 42	0 36	18 45	0 5	10 21	17 24	7 22	7 6	13 32	13 5	0 40	F 11
S 12	12 44	16 39	5 17	5 55	4 29	11 21	1 25	0s11	0 28	0 30	1 36	12 56	1 54	8 41	0 36	18 46	0 5	10 21	17 24	7 22	7 8	13 31	13 5	0 40	S 12
S 13	12 25	18 9	5 11	6 19	4 24	10 53	1 25	0 27	0 27	0 33	1 36	12 58	1 54	8 41	0 36	18 46	0 5	10 22	17 25	7 22	7 9	13 30	13 5	0 40	S 13
M14	12 4	18 35	4 45	6 45	4 17	10 26	1 25	0 43	0 27	0 35	1 36	13 0	1 54	8 41	0 36	18 47	0 5	10 22	17 25	7 23	7 10	13 28	13 5	0 41	M14
T 15	11 44	17 47	4 1	7 14	4 8	9 58	1 25	0 59	0 26	0 37	1 37	13 2	1 54	8 40	0 36	18 47	0 5	10 23	17 25	7 23	7 11	13 27	13 4	0 41	T 15
W16	11 24	15 45	3 0	7 44	3 57	9 29	1 25	1 16	0 25	0 40	1 37	13 3	1 54	8 40	0 36	18 47	0 5	10 23	17 25	7 24	7 13	13 26	13 4	0 41	W16
T 17	11 3	12 36	1 45	8 15	3 44	9 1	1 24	1 32	0 25	0 42	1 37	13 5	1 54	8 39	0 36	18 48	0 5	10 24	17 26	7 24	7 14	13 24	13 3	0 41	T 17
F 18	10 42	8 36	0 23	8 47	3 30	8 32	1 24	1 48	0 24	0 45	1 37	13 7	1 54	8 39	0 36	18 48	0 5	10 24	17 26	7 24	7 15	13 23	13 3	0 41	F 18
S 19	10 21	4 5	1n 0	9 19	3 14	8 3	1 23	2 4	0 23	0 47	1 38	13 8	1 54	8 38	0 36	18 48	0 5	10 25	17 26	7 24	7 16	13 22	13 3	0 41	S 19
S 20	10 0	0s36	2 18	9 51	2 57	7 34	1 23	2 21	0 23	0 50	1 38	13 10	1 54	8 38	0 36	18 49	0 5	10 25	17 26	7 24	7 17	13 21	13 2	0 41	S 20
M21	9 39	5 8	3 25	10 21	2 39	7 4	1 22	2 37	0 22	0 53	1 38	13 12	1 54	8 37	0 36	18 49	0 5	10 26	17 27	7 24	7 19	13 19	13 2	0 41	M21
T 22	9 17	9 14	4 17	10 50	2 21	6 34	1 21	2 53	0 22	0 56	1 38	13 13	1 55	8 37	0 36	18 50	0 5	10 27	17 27	7 24	7 20	13 18	13 1	0 42	T 22
W23	8 56	12 43	4 54	11 16	2 2	6 5	1 21	3 9	0 21	0 58	1 38	13 15	1 55	8 36	0 36	18 50	0 5	10 27	17 27	7 23	7 21	13 17	13 1	0 42	W23
T 24	8 34	15 27	5 14	11 40	1 42	5 35	1 20	3 26	0 20	1 1	1 38	13 17	1 55	8 36	0 36	18 50	0 5	10 28	17 27	7 23	7 22	13 16	13 0	0 42	T 24
F 25	8 12	17 21	5 17	12 1	1 23	5 4	1 19	3 42	0 20	1 4	1 39	13 18	1 55	8 35	0 36	18 51	0 5	10 28	17 27	7 23	7 23	13 14	13 0	0 42	F 25
S 26	7 50	18 23	5 6	12 18	1 4	4 34	1 18	3 58	0 19	1 7	1 39	13 20	1 55	8 34	0 36	18 51	0 5	10 29	17 28	7 23	7 25	13 13	12 59	0 42	S 26
S 27	7 28	18 32	4 42	12 33	0 45	4 4	1 17	4 14	0 18	1 10	1 39	13 22	1 55	8 34	0 36	18 51	0 5	10 29	17 28	7 23	7 26	13 12	12 59	0 42	S 27
M28	7 5	17 52	4 5	12 43	0 28	3 33	1 16	4 30	0 18	1 13	1 39	13 23	1 55	8 33	0 36	18 52	0 5	10 30	17 28	7 23	7 27	13 10	12 58	0 42	M28
T 29	6 43	16 24	3 18	12 49	0 11	3 2	1 15	4 47	0 17	1 16	1 39	13 25	1 55	8 33	0 36	18 52	0 5	10 30	17 28	7 23	7 28	13 9	12 58	0 42	T 29
W30	6 20	14 15	2 23	12 52	0n 6	2 32	1 14	5 3	0 16	1 19	1 39	13 26	1 55	8 32	0 36	18 52	0 6	10 31	17 28	7 23	7 29	13 8	12 57	0 42	W30
T 31	5n58	11s30	1n22	12n50	0n21	2n 1	1n12	5s19	0n16	1s22	1s39	13s28	1s55	8n31	0s36	18s52	0s 6	10s31	17s29	7n23	7n31	13s 6	12n56	0s43	T 31

Julian Day Number = 2212896.5, Delta T = 09m14s
Ecliptic obliquity = 23°31'18, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°37'35, Lahiri = 14°44'35 Julian Calendar 1 Aug. 1346 == Greg. Calendar 9 Aug. 1346

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ASTRODIENST EPHEMERIS for the year 1346
geocentric

SEPTEMBER 1346 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	23 11 5	15♍53'35	8♓12	28♌ 1	28♍58	14♎43	0°R15	29°R28	23°R17	6°R11	14°R 5	11°R13	10♍50	20♒10	6°R 6	F 1
S 2	23 15 1	16°52'11	20° 9	29° 3	0♎12	15°23	0♈ 7	29♒24	23♈15	6♒10	14♈ 4	11♍13	10°46	20°16	6♉ 4	S 2
S 3	23 18 58	17°50'50	2♈12	0♍11	1°26	16° 3	29♓59	29°20	23°13	6° 9	14° 3	11°12	10°43	20°23	6° 2	S 3
M 4	23 22 54	18°49'31	14°25	1°26	2°41	16°43	29°52	29°15	23°11	6° 8	14° 2	11°12	10°40	20°30	6° 1	M 4
T 5	23 26 51	19°48'13	26°48	2°47	3°55	17°24	29°44	29°11	23° 9	6° 7	14° 1	11°11	10°37	20°36	5°59	T 5
W 6	23 30 47	20°46'58	9♉24	4°12	5°10	18° 4	29°36	29° 7	23° 7	6° 6	14° 0	11° 9	10°34	20°43	5°57	W 6
T 7	23 34 44	21°45'45	22°14	5°42	6°24	18°44	29°28	29° 3	23° 6	6° 5	13°59	11° 8	10°30	20°50	5°55	T 7
F 8	23 38 41	22°44'35	5♊21	7°16	7°39	19°25	29°20	28°59	23° 4	6° 4	13°58	11° 7	10°27	20°56	5°53	F 8
S 9	23 42 37	23°43'27	18°45	8°53	8°53	20° 6	29°13	28°55	23° 1	6° 3	13°57	11°D 7	10°24	21° 3	5°51	S 9
S 10	23 46 34	24°42'21	2♋30	10°33	10° 8	20°46	29° 5	28°51	22°59	6° 2	13°56	11° 7	10°21	21°10	5°49	S 10
M11	23 50 30	25°41'17	16°34	12°15	11°22	21°27	28°56	28°47	22°57	6° 1	13°55	11° 7	10°18	21°16	5°47	M11
T 12	23 54 27	26°40'16	0♌57	13°58	12°37	22° 8	28°48	28°44	22°55	6° 0	13°54	11° 8	10°15	21°23	5°45	T 12
W13	23 58 23	27°39'18	15°35	15°43	13°51	22°48	28°40	28°40	22°53	5°59	13°53	11°10	10°11	21°30	5°43	W13
T 14	0 2 20	28°38'21	0♍26	17°29	15° 6	23°29	28°32	28°36	22°51	5°58	13°52	11°10	10° 8	21°36	5°41	T 14
F 15	0 6 16	29°37'27	15°21	19°16	16°20	24°10	28°24	28°33	22°49	5°57	13°50	11°R11	10° 5	21°43	5°38	F 15
S 16	0 10 13	0♎36'34	0♎13	21° 3	17°35	24°51	28°16	28°29	22°47	5°57	13°49	11°10	10° 2	21°50	5°36	S 16
S 17	0 14 10	1°35'44	14°55	22°50	18°49	25°32	28° 8	28°26	22°44	5°56	13°48	11° 8	9°59	21°56	5°34	S 17
M18	0 18 6	2°34'56	29°19	24°38	20° 4	26°13	28° 0	28°22	22°42	5°55	13°47	11° 5	9°56	22° 3	5°31	M18
T 19	0 22 3	3°34'10	13♏20	26°25	21°18	26°55	27°52	28°19	22°40	5°54	13°46	11° 2	9°52	22° 9	5°29	T 19
W20	0 25 59	4°33'25	26°55	28°12	22°33	27°36	27°44	28°16	22°37	5°54	13°45	10°59	9°49	22°16	5°26	W20
T 21	0 29 56	5°32'43	10♐ 5	29°59	23°47	28°17	27°36	28°13	22°35	5°53	13°44	10°56	9°46	22°23	5°24	T 21
F 22	0 33 52	6°32'02	22°50	1♎45	25° 2	28°59	27°28	28°10	22°33	5°53	13°43	10°54	9°43	22°29	5°21	F 22
S 23	0 37 49	7°31'24	5♑15	3°30	26°16	29°40	27°21	28° 7	22°31	5°52	13°41	10°D53	9°40	22°36	5°19	S 23
S 24	0 41 45	8°30'47	17°23	5°15	27°30	0♏21	27°13	28° 4	22°28	5°51	13°40	10°54	9°36	22°43	5°16	S 24
M25	0 45 42	9°30'11	29°20	7° 0	28°45	1° 3	27° 5	28° 1	22°26	5°51	13°39	10°55	9°33	22°49	5°14	M25
T 26	0 49 39	10°29'38	11♒10	8°44	29°59	1°45	26°57	27°58	22°23	5°50	13°38	10°57	9°30	22°56	5°11	T 26
W27	0 53 35	11°29'07	22°57	10°27	1♏14	2°26	26°50	27°55	22°21	5°50	13°37	10°59	9°27	23° 3	5° 8	W27
T 28	0 57 32	12°28'37	4♓48	12° 9	2°28	3° 8	26°42	27°53	22°19	5°50	13°36	11° 0	9°24	23° 9	5° 5	T 28
F 29	1 1 28	13°28'09	16°44	13°51	3°43	3°50	26°35	27°50	22°16	5°49	13°35	11°R 0	9°21	23°16	5° 3	F 29
S 30	1 5 25	14♎27'43	28♓49	15♎33	4♏57	4♏32	26♓28	27♒48	22♈14	5♒49	13♈33	10♍58	9♍17	23♒23	5♉ 0	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	5n35	8s16	0n17	12n45	0n35	1n30	1n11	5s35	0n15	1s25	1s39	13s29	1s55	8n31	0s37	18s53	0s 6	10s32	17s29	7n23	7n32	13s 5	12n56	0s43
S 2	5 12	4 40	0s49	12 35	0 48	0 59	1 10	5 51	0 14	1 28	1 40	13 31	1 55	8 30	0 37	18 53	0 6	10 32	17 29	7 23	7 33	13 4	12 55	0 43
S 3	4 49	0 52	1 54	12 22	0 59	0 28	1 8	6 7	0 14	1 32	1 40	13 32	1 55	8 29	0 37	18 53	0 6	10 33	17 29	7 23	7 34	13 3	12 54	0 43
M 4	4 26	3n 1	2 54	12 5	1 10	0s 3	1 7	6 24	0 13	1 35	1 40	13 34	1 55	8 29	0 37	18 54	0 6	10 33	17 29	7 23	7 36	13 1	12 54	0 43
T 5	4 3	6 50	3 47	11 45	1 19	0 34	1 5	6 40	0 12	1 38	1 40	13 35	1 55	8 28	0 37	18 54	0 6	10 34	17 29	7 24	7 37	13 0	12 53	0 43
W 6	3 40	10 24	4 30	11 21	1 27	1 5	1 3	6 56	0 12	1 41	1 40	13 37	1 55	8 27	0 37	18 54	0 6	10 34	17 30	7 24	7 38	12 59	12 52	0 43
T 7	3 17	13 33	5 0	10 54	1 34	1 36	1 2	7 12	0 11	1 44	1 40	13 38	1 55	8 26	0 37	18 54	0 6	10 35	17 30	7 25	7 39	12 57	12 51	0 43
F 8	2 53	16 5	5 15	10 25	1 40	2 7	1 0	7 28	0 10	1 48	1 40	13 39	1 55	8 26	0 37	18 55	0 6	10 35	17 30	7 25	7 40	12 56	12 51	0 44
S 9	2 30	17 50	5 14	9 52	1 44	2 38	0 58	7 44	0 10	1 51	1 40	13 41	1 55	8 25	0 37	18 55	0 6	10 36	17 30	7 25	7 42	12 55	12 50	0 44
S 10	2 7	18 35	4 55	9 18	1 48	3 9	0 57	8 0	0 9	1 54	1 40	13 42	1 55	8 24	0 37	18 55	0 6	10 37	17 30	7 25	7 43	12 53	12 49	0 44
M11	1 43	18 13	4 19	8 41	1 51	3 40	0 55	8 16	0 8	1 57	1 40	13 43	1 55	8 23	0 37	18 55	0 6	10 37	17 30	7 25	7 44	12 52	12 48	0 44
T 12	1 20	16 41	3 25	8 3	1 52	4 11	0 53	8 31	0 8	2 0	1 40	13 45	1 55	8 23	0 37	18 56	0 6	10 38	17 30	7 25	7 45	12 51	12 47	0 44
W13	0 56	14 2	2 17	7 23	1 53	4 42	0 51	8 47	0 7	2 4	1 40	13 46	1 55	8 22	0 37	18 56	0 6	10 38	17 30	7 24	7 46	12 49	12 47	0 44
T 14	0 33	10 26	0 59	6 42	1 53	5 13	0 49	9 3	0 7	2 7	1 40	13 47	1 55	8 21	0 37	18 56	0 6	10 39	17 30	7 24	7 48	12 48	12 46	0 44
F 15	0 9	6 9	0n23	5 59	1 53	5 44	0 47	9 19	0 6	2 10	1 40	13 48	1 54	8 20	0 37	18 56	0 6	10 39	17 31	7 24	7 49	12 47	12 45	0 44
S 16	0s15	1 30	1 43	5 16	1 51	6 14	0 45	9 34	0 5	2 13	1 40	13 50	1 54	8 19	0 37	18 57	0 6	10 40	17 31	7 24	7 50	12 45	12 44	0 45
S 17	0 38	3s12	2 56	4 32	1 50	6 44	0 43	9 50	0 5	2 17	1 40	13 51	1 54	8 18	0 37	18 57	0 6	10 40	17 31	7 25	7 51	12 44	12 43	0 45
M18	1 2	7 36	3 55	3 47	1 47	7 15	0 40	10 6	0 4	2 20	1 40	13 52	1 54	8 18	0 37	18 57	0 6	10 40	17 31	7 26	7 52	12 43	12 42	0 45
T 19	1 25	11 27	4 39	3 1	1 44	7 45	0 38	10 21	0 3	2 23	1 40	13 53	1 54	8 17	0 37	18 57	0 6	10 41	17 31	7 27	7 54	12 41	12 41	0 45
W20	1 49	14 35	5 6	2 15	1 41	8 15	0 36	10 37	0 3	2 26	1 40	13 54	1 54	8 16	0 37	18 57	0 6	10 41	17 31	7 28	7 55	12 40	12 40	0 45
T 21	2 13	16 51	5 15	1 29	1 37	8 44	0 34	10 52	0 2	2 29	1 40	13 55	1 54	8 15	0 37	18 57	0 6	10 42	17 31	7 29	7 56	12 39	12 39	0 45
F 22	2 36	18 12	5 8	0 43	1 32	9 14	0 31	11 8	0 1	2 32	1 40	13 56	1 54	8 14	0 37	18 58	0 6	10 42	17 31	7 30	7 57	12 37	12 39	0 45
S 23	3 0	18 38	4 47	0s 3	1 28	9 43	0 29	11 23	0 1	2 35	1 40	13 57	1 54	8 13	0 37	18 58	0 6	10 43	17 31	7 30	7 58	12 36	12 38	0 45
S 24	3 23	18 12	4 13	0 50	1 23	10 12	0 27	11 38	0 0	2 38	1 40	13 58	1 54	8 12	0 37	18 58	0 6	10 43	17 31	7 30	8 0	12 34	12 37	0 45
M25	3 47	16 57	3 29	1 36	1 18	10 41	0 24	11 53	0s 0	2 41	1 40	13 59	1 54	8 12	0 37	18 58	0 6	10 44	17 31	7 30	8 1	12 33	12 36	0 46
T 26	4 10	14 59	2 37	2 22	1 12	11 10	0 22	12 8	0 1	2 44	1 40	14 0	1 54	8 11	0 37	18 58	0 6	10 44	17 31	7 29	8 2	12 32	12 35	0 46
W27	4 33	12 23	1 37	3 8	1 7	11 38	0 19	12 23	0 2	2 47	1 40	14 1	1 54	8 10	0 37	18 58	0 6	10 45	17 31	7 29	8 3	12 30	12 34	0 46
T 28	4 57	9 16	0 34	3 53	1 1	12 7	0 17	12 38	0 2	2 50	1 40	14 2	1 54	8 9	0 37	18 58	0 6	10 45	17 31	7 28	8 4	12 29	12 33	0 46
F 29	5 20	5 44	0s31	4 39	0 55	12 34	0 14	12 53	0 3	2 53	1 39	14 2	1 54	8 8	0 37	18 58	0 6	10 46	17 31	7 28	8 6	12 28	12 32	0 46
S 30	5s43	1s56	1s36	5s24	0n49	13s 2	0n12	13s 8	0s 4	2s56	1s39	14s 3	1s53	8n 7	0s37	18s59	0s 6	10s46	17s31	7n29	8n 7	12s26	12n31	0s46

Julian Day Number = 2212927.5, Delta T = 09m14s
Ecliptic obliquity = 23°31'19, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°37'39, Lahiri = 14°44'40 Julian Calendar 1 Sept. 1346 == Greg. Calendar 9 Sept. 1346

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ASTRODIENST EPHEMERIS for the year 1346
geocentric

OCTOBER 1346 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	1 9 21	15♎27'19	11♈ 5	17♎13	6♏12	5♏14	26°R20	27°R45	22°R11	5°R49	13°R32	10°R55	9♍14	23♒29	4°R57	S 1
M 2	1 13 18	16°26'57	23°34	18°53	7°26	5°55	26♓13	27♒43	22♈ 9	5♒48	13♈31	10♍50	9°11	23°36	4♉54	M 2
T 3	1 17 14	17°26'37	6♉16	20°32	8°40	6°37	26° 6	27°41	22° 6	5°48	13°30	10°44	9° 8	23°43	4°51	T 3
W 4	1 21 11	18°26'19	19°12	22°11	9°55	7°20	25°59	27°39	22° 4	5°48	13°29	10°38	9° 5	23°49	4°49	W 4
T 5	1 25 7	19°26'04	2♊20	23°49	11° 9	8° 2	25°53	27°37	22° 2	5°48	13°28	10°31	9° 1	23°56	4°46	T 5
F 6	1 29 4	20°25'51	15°41	25°27	12°24	8°44	25°46	27°35	21°59	5°47	13°26	10°26	8°58	24° 3	4°43	F 6
S 7	1 33 1	21°25'40	29°14	27° 3	13°38	9°26	25°40	27°33	21°57	5°47	13°25	10°22	8°55	24° 9	4°40	S 7
S 8	1 36 57	22°25'31	12♋59	28°40	14°52	10° 8	25°33	27°32	21°54	5°47	13°24	10°20	8°52	24°16	4°37	S 8
M 9	1 40 54	23°25'24	26°56	0♏16	16° 7	10°51	25°27	27°30	21°52	5°47	13°23	10°D19	8°49	24°23	4°34	M 9
T 10	1 44 50	24°25'20	11♌ 4	1°51	17°21	11°33	25°21	27°29	21°49	5°D47	13°22	10°20	8°46	24°29	4°31	T 10
W11	1 48 47	25°25'18	25°22	3°26	18°35	12°16	25°15	27°27	21°47	5°47	13°21	10°21	8°42	24°36	4°28	W11
T 12	1 52 43	26°25'18	9♍47	5° 0	19°50	12°58	25° 9	27°26	21°44	5°47	13°20	10°R22	8°39	24°42	4°25	T 12
F 13	1 56 40	27°25'21	24°17	6°34	21° 4	13°41	25° 3	27°25	21°42	5°47	13°19	10°21	8°36	24°49	4°22	F 13
S 14	2 0 36	28°25'25	8♎47	8° 7	22°19	14°24	24°58	27°24	21°39	5°47	13°17	10°18	8°33	24°56	4°19	S 14
S 15	2 4 33	29°25'31	23°11	9°40	23°33	15° 6	24°53	27°23	21°37	5°48	13°16	10°13	8°30	25° 2	4°16	S 15
M16	2 8 30	0♏25'40	7♏22	11°12	24°47	15°49	24°47	27°22	21°35	5°48	13°15	10° 5	8°27	25° 9	4°13	M16
T 17	2 12 26	1°25'50	21°17	12°44	26° 2	16°32	24°42	27°21	21°32	5°48	13°14	9°57	8°23	25°16	4°10	T 17
W18	2 16 23	2°26'02	4♐50	14°16	27°16	17°15	24°38	27°20	21°30	5°48	13°13	9°47	8°20	25°22	4° 7	W18
T 19	2 20 19	3°26'16	18° 0	15°47	28°30	17°58	24°33	27°20	21°27	5°48	13°12	9°39	8°17	25°29	4° 4	T 19
F 20	2 24 16	4°26'31	0♑48	17°18	29°45	18°41	24°28	27°19	21°25	5°49	13°11	9°32	8°14	25°36	4° 1	F 20
S 21	2 28 12	5°26'48	13°14	18°48	0♐59	19°24	24°24	27°19	21°23	5°49	13°10	9°27	8°11	25°42	3°58	S 21
S 22	2 32 9	6°27'06	25°24	20°18	2°13	20° 7	24°20	27°19	21°20	5°50	13° 9	9°24	8° 7	25°49	3°55	S 22
M23	2 36 5	7°27'26	7♒20	21°48	3°27	20°50	24°16	27°19	21°18	5°50	13° 8	9°D24	8° 4	25°56	3°52	M23
T 24	2 40 2	8°27'47	19°10	23°17	4°42	21°34	24°12	27°D19	21°16	5°50	13° 7	9°24	8° 1	26° 2	3°49	T 24
W25	2 43 59	9°28'10	0♓58	24°46	5°56	22°17	24° 9	27°19	21°13	5°51	13° 6	9°25	7°58	26° 9	3°46	W25
T 26	2 47 55	10°28'34	12°50	26°14	7°10	23° 0	24° 5	27°19	21°11	5°51	13° 5	9°R25	7°55	26°16	3°43	T 26
F 27	2 51 52	11°29'00	24°49	27°42	8°25	23°44	24° 2	27°19	21° 9	5°52	13° 4	9°24	7°52	26°22	3°40	F 27
S 28	2 55 48	12°29'27	7♈ 2	29° 9	9°39	24°27	23°59	27°20	21° 6	5°53	13° 3	9°20	7°48	26°29	3°37	S 28
S 29	2 59 45	13°29'55	19°30	0♐36	10°53	25°11	23°57	27°20	21° 4	5°53	13° 2	9°14	7°45	26°35	3°34	S 29
M30	3 3 41	14°30'25	2♉15	2° 2	12° 7	25°54	23°54	27°21	21° 2	5°54	13° 1	9° 5	7°42	26°42	3°31	M30
T 31	3 7 38	15♏30'57	15♉18	3♐27	13♐21	26♏38	23♓52	27♒21	21♈ 0	5♒55	13♈ 0	8♍54	7♍39	26♒49	3♉28	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	6s 6	2n 0	2s37	6s 8	0n42	13s29	0n 9	13s23	0s 4	2s59	1s39	14s 4	1s53	8n 6	0s37	18s59	0s 6	10s46	17s31	7n30	8n 8	12s25	12n30	0s46
M 2	6 29	5 54	3 32	6 52	0 36	13 56	0 7	13 37	0 5	3 1	1 39	14 5	1 53	8 5	0 37	18 59	0 6	10 47	17 31	7 32	8 9	12 23	12 28	0 46
T 3	6 52	9 37	4 16	7 36	0 29	14 23	0 4	13 52	0 5	3 4	1 39	14 5	1 53	8 4	0 37	18 59	0 6	10 47	17 31	7 34	8 10	12 22	12 27	0 46
W 4	7 15	12 57	4 49	8 19	0 23	14 49	0 1	14 6	0 6	3 7	1 39	14 6	1 53	8 3	0 37	18 59	0 6	10 48	17 31	7 36	8 12	12 21	12 26	0 46
T 5	7 38	15 41	5 7	9 2	0 16	15 15	0s 1	14 20	0 7	3 9	1 39	14 6	1 53	8 2	0 37	18 59	0 6	10 48	17 31	7 39	8 13	12 19	12 25	0 47
F 6	8 0	17 38	5 9	9 44	0 9	15 40	0 4	14 35	0 7	3 12	1 39	14 7	1 53	8 2	0 37	18 59	0 6	10 48	17 31	7 41	8 14	12 18	12 24	0 47
S 7	8 23	18 37	4 54	10 25	0 3	16 5	0 7	14 49	0 8	3 14	1 38	14 8	1 53	8 1	0 37	18 59	0 6	10 49	17 31	7 43	8 15	12 17	12 23	0 47
S 8	8 45	18 33	4 22	11 6	0s 4	16 30	0 9	15 3	0 9	3 16	1 38	14 8	1 53	8 0	0 37	18 59	0 6	10 49	17 31	7 43	8 16	12 15	12 22	0 47
M 9	9 8	17 21	3 34	11 46	0 11	16 54	0 12	15 17	0 9	3 19	1 38	14 8	1 53	7 59	0 37	18 59	0 6	10 49	17 31	7 43	8 18	12 14	12 21	0 47
T 10	9 30	15 4	2 32	12 26	0 18	17 18	0 15	15 30	0 10	3 21	1 38	14 9	1 52	7 58	0 37	18 59	0 6	10 50	17 31	7 43	8 19	12 12	12 20	0 47
W11	9 52	11 51	1 20	13 5	0 24	17 42	0 17	15 44	0 10	3 23	1 38	14 9	1 52	7 57	0 37	18 59	0 6	10 50	17 31	7 43	8 20	12 11	12 19	0 47
T 12	10 14	7 53	0 3	13 43	0 31	18 5	0 20	15 58	0 11	3 25	1 37	14 10	1 52	7 56	0 37	18 59	0 6	10 51	17 31	7 42	8 21	12 10	12 18	0 47
F 13	10 35	3 25	1n15	14 21	0 38	18 27	0 23	16 11	0 12	3 27	1 37	14 10	1 52	7 55	0 37	18 59	0 6	10 51	17 30	7 43	8 22	12 8	12 17	0 47
S 14	10 57	1s14	2 27	14 58	0 44	18 49	0 25	16 25	0 12	3 30	1 37	14 10	1 52	7 54	0 37	18 59	0 6	10 51	17 30	7 44	8 24	12 7	12 15	0 47
S 15	11 18	5 47	3 30	15 34	0 51	19 11	0 28	16 38	0 13	3 31	1 37	14 10	1 52	7 53	0 37	18 59	0 6	10 52	17 30	7 46	8 25	12 5	12 14	0 48
M16	11 40	9 57	4 19	16 9	0 57	19 32	0 31	16 51	0 14	3 33	1 37	14 11	1 52	7 52	0 37	18 59	0 6	10 52	17 30	7 49	8 26	12 4	12 13	0 48
T 17	12 1	13 28	4 51	16 43	1 4	19 52	0 33	17 4	0 14	3 35	1 36	14 11	1 52	7 52	0 37	18 59	0 6	10 52	17 30	7 52	8 27	12 2	12 12	0 48
W18	12 22	16 10	5 5	17 17	1 10	20 12	0 36	17 17	0 15	3 37	1 36	14 11	1 52	7 51	0 37	18 59	0 6	10 52	17 30	7 55	8 28	12 1	12 11	0 48
T 19	12 42	17 57	5 3	17 50	1 16	20 31	0 39	17 29	0 15	3 38	1 36	14 11	1 51	7 50	0 37	18 59	0 6	10 53	17 30	7 59	8 30	12 0	12 10	0 48
F 20	13 3	18 45	4 46	18 22	1 22	20 50	0 41	17 42	0 16	3 40	1 36	14 11	1 51	7 49	0 37	18 59	0 6	10 53	17 30	8 1	8 31	11 58	12 9	0 48
S 21	13 23	18 38	4 15	18 53	1 28	21 9	0 44	17 54	0 17	3 42	1 36	14 11	1 51	7 48	0 36	18 59	0 6	10 53	17 29	8 3	8 32	11 57	12 8	0 48
S 22	13 43	17 38	3 34	19 23	1 33	21 26	0 47	18 7	0 17	3 43	1 35	14 11	1 51	7 47	0 36	18 59	0 6	10 53	17 29	8 4	8 33	11 55	12 7	0 48
M23	14 3	15 52	2 43	19 52	1 39	21 43	0 49	18 19	0 18	3 44	1 35	14 11	1 51	7 46	0 36	18 58	0 6	10 54	17 29	8 5	8 34	11 54	12 5	0 48
T 24	14 22	13 26	1 46	20 20	1 44	22 0	0 52	18 31	0 18	3 46	1 35	14 11	1 51	7 45	0 36	18 58	0 6	10 54	17 29	8 4	8 35	11 53	12 4	0 48
W25	14 42	10 28	0 45	20 48	1 49	22 16	0 54	18 43	0 19	3 47	1 35	14 11	1 51	7 45	0 36	18 58	0 6	10 54	17 29	8 4	8 37	11 51	12 3	0 48
T 26	15 1	7 3	0s18	21 14	1 54	22 31	0 57	18 54	0 20	3 48	1 34	14 10	1 51	7 44	0 36	18 58	0 6	10 54	17 29	8 4	8 38	11 50	12 2	0 49
F 27	15 20	3 19	1 21	21 39	1 59	22 45	0 59	19 6	0 20	3 49	1 34	14 10	1 50	7 43	0 36	18 58	0 6	10 55	17 28	8 4	8 39	11 48	12 1	0 49
S 28	15 38	0n38	2 22	22 3	2 3	22 59	1 2	19 17	0 21	3 50	1 34	14 10	1 50	7 42	0 36	18 58	0 6	10 55	17 28	8 6	8 40	11 47	12 0	0 49
S 29	15 57	4 37	3 17	22 26	2 8	23 13	1 4	19 28	0 21	3 51	1 34	14 10	1 50	7 41	0 36	18 58	0 6	10 55	17 28	8 8	8 41	11 45	11 59	0 49
M30	16 15	8 30	4 3	22 47	2 12	23 25	1 6	19 39	0 22	3 51	1 33	14 9	1 50	7 40	0 36	18 58	0 6	10 55	17 28	8 11	8 43	11 44	11 58	0 49
T 31	16s33	12n 3	4s37	23s 8	2s15	23s37	1s 9	19s50	0s23	3s52	1s33	14s 9	1s50	7n40	0s36	18s57	0s 6	10s55	17s28	8n16	8n44	11s42	11n57	0s49

Julian Day Number = 2212957.5, Delta T = 09m14s
Ecliptic obliquity = 23°31'19, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°37'43, Lahiri = 14°44'44 Julian Calendar 1 Oct. 1346 == Greg. Calendar 9 Oct. 1346

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ASTRODIENST EPHEMERIS for the year 1346
geocentric

NOVEMBER 1346 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	3 11 34	16♏31'30	28♉37	4♐52	14♐36	27♏22	23°R49	27♒22	20°R58	5♒55	12°R59	8°R42	7♍36	26♒55	3°R25	W 1
T 2	3 15 31	17°32'04	12♊11	6°16	15°50	28° 5	23♓47	27°23	20♈56	5°56	12♈58	8♍31	7°33	27° 2	3♉22	T 2
F 3	3 19 28	18°32'41	25°56	7°38	17° 4	28°49	23°46	27°24	20°53	5°57	12°57	8°20	7°29	27° 9	3°19	F 3
S 4	3 23 24	19°33'19	9♋50	9° 0	18°18	29°33	23°44	27°25	20°51	5°58	12°56	8°12	7°26	27°15	3°16	S 4
S 5	3 27 21	20°33'58	23°49	10°21	19°32	0♐17	23°43	27°26	20°49	5°58	12°55	8° 7	7°23	27°22	3°13	S 5
M 6	3 31 17	21°34'40	7♌51	11°41	20°46	1° 1	23°42	27°28	20°47	5°59	12°55	8° 4	7°20	27°29	3°10	M 6
T 7	3 35 14	22°35'23	21°55	12°59	22° 0	1°45	23°41	27°29	20°45	6° 0	12°54	8°D 4	7°17	27°35	3° 7	T 7
W 8	3 39 10	23°36'08	6♍ 0	14°15	23°14	2°29	23°40	27°31	20°43	6° 1	12°53	8°R 4	7°13	27°42	3° 4	W 8
T 9	3 43 7	24°36'54	20° 6	15°29	24°28	3°13	23°40	27°32	20°41	6° 2	12°52	8° 3	7°10	27°49	3° 2	T 9
F 10	3 47 3	25°37'42	4♎11	16°42	25°42	3°57	23°39	27°34	20°40	6° 3	12°51	8° 1	7° 7	27°55	2°59	F 10
S 11	3 51 0	26°38'31	18°14	17°51	26°56	4°42	23°D39	27°36	20°38	6° 4	12°50	7°56	7° 4	28° 2	2°56	S 11
S 12	3 54 57	27°39'22	2♏11	18°58	28°10	5°26	23°39	27°38	20°36	6° 5	12°50	7°48	7° 1	28° 9	2°53	S 12
M13	3 58 53	28°40'14	15°59	20° 2	29°25	6°10	23°40	27°40	20°34	6° 6	12°49	7°37	6°58	28°15	2°51	M13
T 14	4 2 50	29°41'08	29°35	21° 1	0♑38	6°55	23°40	27°42	20°32	6° 8	12°48	7°25	6°54	28°22	2°48	T 14
W15	4 6 46	0♐42'02	12♐54	21°57	1°52	7°39	23°41	27°44	20°31	6° 9	12°47	7°11	6°51	28°28	2°46	W15
T 16	4 10 43	1°42'58	25°56	22°47	3° 6	8°24	23°42	27°47	20°29	6°10	12°47	6°58	6°48	28°35	2°43	T 16
F 17	4 14 39	2°43'55	8♑38	23°32	4°20	9° 8	23°43	27°49	20°27	6°11	12°46	6°47	6°45	28°42	2°40	F 17
S 18	4 18 36	3°44'53	21° 2	24°10	5°34	9°53	23°44	27°52	20°26	6°12	12°45	6°38	6°42	28°48	2°38	S 18
S 19	4 22 32	4°45'51	3♒11	24°42	6°48	10°38	23°46	27°54	20°24	6°14	12°45	6°33	6°39	28°55	2°35	S 19
M20	4 26 29	5°46'50	15° 7	25° 5	8° 2	11°22	23°48	27°57	20°23	6°15	12°44	6°29	6°35	29° 2	2°33	M20
T 21	4 30 26	6°47'50	26°57	25°19	9°16	12° 7	23°50	28° 0	20°21	6°16	12°43	6°28	6°32	29° 8	2°31	T 21
W22	4 34 22	7°48'50	8♓44	25°R24	10°30	12°52	23°52	28° 3	20°20	6°18	12°43	6°28	6°29	29°15	2°28	W22
T 23	4 38 19	8°49'51	20°35	25°18	11°43	13°37	23°54	28° 6	20°18	6°19	12°42	6°28	6°26	29°22	2°26	T 23
F 24	4 42 15	9°50'53	2♈35	25° 2	12°57	14°22	23°57	28° 9	20°17	6°21	12°42	6°26	6°23	29°28	2°24	F 24
S 25	4 46 12	10°51'55	14°50	24°33	14°11	15° 7	24° 0	28°12	20°16	6°22	12°41	6°22	6°19	29°35	2°21	S 25
S 26	4 50 8	11°52'58	27°24	23°53	15°25	15°52	24° 3	28°16	20°14	6°24	12°41	6°16	6°16	29°42	2°19	S 26
M27	4 54 5	12°54'01	10♉19	23° 3	16°38	16°37	24° 6	28°19	20°13	6°25	12°40	6° 7	6°13	29°48	2°17	M27
T 28	4 58 1	13°55'05	23°37	22° 1	17°52	17°22	24° 9	28°22	20°12	6°27	12°40	5°55	6°10	29°55	2°15	T 28
W29	5 1 58	14°56'10	7♊17	20°51	19° 5	18° 7	24°13	28°26	20°11	6°28	12°39	5°42	6° 7	0♓ 2	2°13	W29
T 30	5 5 55	15♐57'15	21♊16	19♐35	20♑19	18♐52	24♓16	28♒30	20♈10	6♒30	12♈39	5♍30	6♍ 4	0♓ 8	2♉11	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	16s50	15n 5	4s58	23s27	2s18	23s48	1s11	20s 1	0s23	3s53	1s33	14s 9	1s50	7n39	0s36	18s57	0s 6	10s56	17s27	8n20	8n45	11s41	11n56	0s49
T 2	17 7	17 21	5 2	23 45	2 21	23 59	1 13	20 11	0 24	3 53	1 32	14 8	1 50	7 38	0 36	18 57	0 6	10 56	17 27	8 24	8 46	11 40	11 55	0 49
F 3	17 24	18 39	4 48	24 2	2 24	24 9	1 16	20 22	0 24	3 54	1 32	14 8	1 49	7 37	0 36	18 57	0 6	10 56	17 27	8 28	8 47	11 38	11 53	0 49
S 4	17 41	18 52	4 18	24 17	2 26	24 18	1 18	20 32	0 25	3 54	1 32	14 7	1 49	7 37	0 36	18 57	0 6	10 56	17 27	8 31	8 49	11 37	11 52	0 49
S 5	17 57	17 56	3 32	24 31	2 28	24 26	1 20	20 42	0 26	3 54	1 32	14 7	1 49	7 36	0 36	18 56	0 6	10 56	17 27	8 33	8 50	11 35	11 51	0 49
M 6	18 13	15 54	2 33	24 43	2 29	24 34	1 22	20 52	0 26	3 55	1 31	14 6	1 49	7 35	0 36	18 56	0 6	10 56	17 26	8 34	8 51	11 34	11 50	0 49
T 7	18 29	12 55	1 25	24 55	2 30	24 41	1 24	21 1	0 27	3 55	1 31	14 5	1 49	7 34	0 36	18 56	0 6	10 56	17 26	8 34	8 52	11 32	11 49	0 49
W 8	18 44	9 10	0 11	25 4	2 30	24 47	1 26	21 10	0 27	3 55	1 31	14 5	1 49	7 34	0 36	18 56	0 6	10 56	17 26	8 34	8 53	11 31	11 48	0 50
T 9	18 59	4 54	1n 3	25 12	2 30	24 53	1 28	21 20	0 28	3 55	1 30	14 4	1 49	7 33	0 36	18 56	0 6	10 56	17 26	8 35	8 54	11 29	11 47	0 50
F 10	19 14	0 22	2 14	25 19	2 28	24 57	1 30	21 29	0 28	3 54	1 30	14 3	1 49	7 32	0 36	18 55	0 6	10 57	17 25	8 35	8 56	11 28	11 46	0 50
S 11	19 28	4s10	3 16	25 24	2 27	25 1	1 32	21 37	0 29	3 54	1 30	14 3	1 48	7 32	0 36	18 55	0 6	10 57	17 25	8 37	8 57	11 26	11 45	0 50
S 12	19 42	8 26	4 5	25 27	2 24	25 4	1 34	21 46	0 30	3 54	1 30	14 2	1 48	7 31	0 36	18 55	0 6	10 57	17 25	8 40	8 58	11 25	11 44	0 50
M13	19 56	12 13	4 40	25 29	2 21	25 7	1 36	21 54	0 30	3 54	1 29	14 1	1 48	7 30	0 36	18 55	0 6	10 57	17 24	8 44	8 59	11 23	11 43	0 50
T 14	20 9	15 17	4 58	25 29	2 16	25 9	1 37	22 3	0 31	3 53	1 29	14 0	1 48	7 30	0 36	18 54	0 6	10 57	17 24	8 49	9 0	11 22	11 42	0 50
W15	20 22	17 29	4 59	25 28	2 11	25 9	1 39	22 11	0 31	3 53	1 29	13 59	1 48	7 29	0 36	18 54	0 6	10 57	17 24	8 54	9 2	11 20	11 41	0 50
T 16	20 35	18 43	4 44	25 24	2 5	25 10	1 41	22 18	0 32	3 52	1 28	13 58	1 48	7 28	0 36	18 54	0 6	10 57	17 24	8 59	9 3	11 19	11 40	0 50
F 17	20 47	18 59	4 16	25 19	1 58	25 9	1 42	22 26	0 32	3 51	1 28	13 57	1 48	7 28	0 36	18 53	0 6	10 57	17 23	9 3	9 4	11 17	11 39	0 50
S 18	20 58	18 19	3 36	25 12	1 49	25 8	1 44	22 33	0 33	3 50	1 28	13 56	1 48	7 27	0 36	18 53	0 6	10 57	17 23	9 6	9 5	11 16	11 39	0 50
S 19	21 10	16 49	2 47	25 4	1 39	25 6	1 45	22 40	0 33	3 49	1 28	13 55	1 47	7 27	0 36	18 53	0 6	10 57	17 23	9 8	9 6	11 14	11 38	0 50
M20	21 21	14 36	1 51	24 54	1 28	25 3	1 46	22 47	0 34	3 48	1 27	13 54	1 47	7 26	0 36	18 52	0 6	10 57	17 22	9 10	9 7	11 13	11 37	0 50
T 21	21 31	11 47	0 50	24 42	1 15	24 59	1 47	22 54	0 35	3 47	1 27	13 53	1 47	7 26	0 36	18 52	0 6	10 57	17 22	9 10	9 9	11 11	11 36	0 50
W22	21 41	8 31	0s12	24 28	1 2	24 55	1 49	23 0	0 35	3 46	1 27	13 52	1 47	7 25	0 36	18 52	0 6	10 57	17 22	9 10	9 10	11 10	11 35	0 50
T 23	21 51	4 53	1 14	24 12	0 46	24 49	1 50	23 6	0 36	3 45	1 26	13 51	1 47	7 25	0 36	18 51	0 6	10 56	17 22	9 10	9 11	11 8	11 34	0 50
F 24	22 0	1 1	2 14	23 55	0 29	24 44	1 51	23 12	0 36	3 44	1 26	13 50	1 47	7 24	0 36	18 51	0 6	10 56	17 21	9 11	9 12	11 7	11 33	0 51
S 25	22 9	2n58	3 8	23 36	0 12	24 37	1 52	23 18	0 37	3 42	1 26	13 48	1 47	7 24	0 36	18 51	0 6	10 56	17 21	9 12	9 13	11 5	11 32	0 51
S 26	22 17	6 55	3 55	23 15	0n 7	24 30	1 53	23 23	0 37	3 41	1 26	13 47	1 47	7 23	0 36	18 50	0 6	10 56	17 21	9 15	9 15	11 4	11 32	0 51
M27	22 25	10 40	4 31	22 53	0 27	24 21	1 53	23 28	0 38	3 39	1 25	13 46	1 46	7 23	0 36	18 50	0 6	10 56	17 20	9 18	9 16	11 2	11 31	0 51
T 28	22 33	14 0	4 54	22 30	0 47	24 13	1 54	23 33	0 38	3 38	1 25	13 44	1 46	7 22	0 36	18 50	0 6	10 56	17 20	9 22	9 17	11 1	11 30	0 51
W29	22 40	16 39	5 1	22 5	1 8	24 3	1 55	23 38	0 39	3 36	1 25	13 43	1 46	7 22	0 36	18 49	0 6	10 56	17 20	9 27	9 18	10 59	11 29	0 51
T 30	22s47	18n25	4s50	21s40	1n27	23s53	1s55	23s42	0s39	3s34	1s24	13s42	1s46	7n21	0s36	18s49	0s 6	10s56	17s19	9n32	9n19	10s58	11n29	0s51

Julian Day Number = 2212988.5, Delta T = 09m13s
Ecliptic obliquity = 23°31'18, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°37'48, Lahiri = 14°44'48 Julian Calendar 1 Nov. 1346 == Greg. Calendar 9 Nov. 1346

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ASTRODIENST EPHEMERIS for the year 1346
geocentric

DECEMBER 1346 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	5 9 51	16♐58'20	5♋28	18°R13	21♑32	19♐38	24♓20	28♒34	20°R 9	6♒31	12°R38	5°R18	6♍ 0	0♓15	2°R 9	F 1
S 2	5 13 48	17°59'27	19°50	16♐51	22°46	20°23	24°25	28°37	20♈ 8	6°33	12♈38	5♍10	5°57	0°21	2♉ 7	S 2
S 3	5 17 44	19° 0'34	4♌13	15°29	23°59	21° 8	24°29	28°41	20° 7	6°35	12°38	5° 4	5°54	0°28	2° 5	S 3
M 4	5 21 41	20° 1'42	18°35	14°11	25°13	21°54	24°33	28°45	20° 6	6°36	12°37	5° 1	5°51	0°35	2° 3	M 4
T 5	5 25 37	21° 2'50	2♍51	12°59	26°26	22°39	24°38	28°49	20° 5	6°38	12°37	5°D 0	5°48	0°41	2° 2	T 5
W 6	5 29 34	22° 3'59	16°58	11°55	27°39	23°25	24°43	28°54	20° 4	6°40	12°37	5°R 0	5°45	0°48	2° 0	W 6
T 7	5 33 30	23° 5'09	0♎58	11° 1	28°53	24°10	24°48	28°58	20° 3	6°42	12°36	5° 0	5°41	0°55	1°58	T 7
F 8	5 37 27	24° 6'19	14°48	10°17	0♒ 6	24°56	24°53	29° 2	20° 3	6°43	12°36	4°58	5°38	1° 1	1°57	F 8
S 9	5 41 24	25° 7'30	28°30	9°44	1°19	25°41	24°59	29° 7	20° 2	6°45	12°36	4°54	5°35	1° 8	1°55	S 9
S 10	5 45 20	26° 8'42	12♏ 2	9°21	2°32	26°27	25° 5	29°11	20° 1	6°47	12°36	4°47	5°32	1°15	1°54	S 10
M11	5 49 17	27° 9'54	25°24	9° 9	3°45	27°13	25°10	29°16	20° 1	6°49	12°35	4°37	5°29	1°21	1°52	M11
T 12	5 53 13	28°11'06	8♐35	9°D 7	4°58	27°59	25°16	29°21	20° 0	6°51	12°35	4°25	5°25	1°28	1°51	T 12
W13	5 57 10	29°12'19	21°33	9°13	6°11	28°44	25°22	29°25	20° 0	6°53	12°35	4°13	5°22	1°35	1°50	W13
T 14	6 1 6	0♑13'31	4♑17	9°28	7°24	29°30	25°29	29°30	20° 0	6°54	12°35	4° 1	5°19	1°41	1°48	T 14
F 15	6 5 3	1°14'44	16°47	9°51	8°37	0♑16	25°35	29°35	19°59	6°56	12°35	3°51	5°16	1°48	1°47	F 15
S 16	6 9 0	2°15'57	29° 4	10°21	9°50	1° 2	25°42	29°40	19°59	6°58	12°35	3°43	5°13	1°54	1°46	S 16
S 17	6 12 56	3°17'09	11♒ 7	10°57	11° 2	1°48	25°49	29°45	19°59	7° 0	12°35	3°37	5°10	2° 1	1°45	S 17
M18	6 16 53	4°18'22	23° 2	11°39	12°15	2°34	25°56	29°50	19°58	7° 2	12°35	3°34	5° 6	2° 8	1°44	M18
T 19	6 20 49	5°19'34	4♓50	12°26	13°28	3°20	26° 3	29°56	19°58	7° 4	12°D35	3°D34	5° 3	2°14	1°43	T 19
W20	6 24 46	6°20'45	16°36	13°17	14°40	4° 6	26°10	0♓ 1	19°58	7° 6	12°35	3°34	5° 0	2°21	1°42	W20
T 21	6 28 42	7°21'56	28°26	14°12	15°53	4°52	26°18	0° 6	19°D58	7° 8	12°35	3°35	4°57	2°28	1°41	T 21
F 22	6 32 39	8°23'07	10♈24	15°11	17° 5	5°38	26°25	0°12	19°58	7°10	12°35	3°R36	4°54	2°34	1°41	F 22
S 23	6 36 35	9°24'17	22°37	16°13	18°18	6°25	26°33	0°17	19°58	7°12	12°35	3°35	4°50	2°41	1°40	S 23
S 24	6 40 32	10°25'27	5♉ 9	17°17	19°30	7°11	26°41	0°23	19°58	7°15	12°35	3°32	4°47	2°48	1°39	S 24
M25	6 44 29	11°26'36	18° 4	18°25	20°42	7°57	26°49	0°28	19°59	7°17	12°35	3°26	4°44	2°54	1°39	M25
T 26	6 48 25	12°27'44	1♊26	19°34	21°54	8°43	26°57	0°34	19°59	7°19	12°35	3°19	4°41	3° 1	1°38	T 26
W27	6 52 22	13°28'52	15°14	20°46	23° 6	9°30	27° 6	0°40	19°59	7°21	12°35	3°11	4°38	3° 8	1°38	W27
T 28	6 56 18	14°29'59	29°27	22° 0	24°18	10°16	27°14	0°46	19°59	7°23	12°36	3° 2	4°35	3°14	1°37	T 28
F 29	7 0 15	15°31'06	14♋ 0	23°15	25°30	11° 2	27°23	0°51	20° 0	7°25	12°36	2°55	4°31	3°21	1°37	F 29
S 30	7 4 11	16°32'12	28°46	24°32	26°42	11°49	27°32	0°57	20° 0	7°27	12°36	2°49	4°28	3°28	1°37	S 30
S 31	7 8 8	17♑33'18	13♌36	25♐50	27♒53	12♑35	27♓41	1♓ 3	20♈ 1	7♒29	12♈36	2♍45	4♍25	3♓34	1♉36	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22s53	19n 4	4s21	21s14	1n46	23s42	1s56	23s47	0s40	3s32	1s24	13s40	1s46	7n21	0s35	18s48	0s 6	10s56	17s19	9n36	9n20	10s56	11n28	0s51
S 2	22 59	18 30	3 35	20 49	2 3	23 30	1 56	23 51	0 40	3 31	1 24	13 39	1 46	7 21	0 35	18 48	0 6	10 55	17 19	9 39	9 22	10 55	11 27	0 51
S 3	23 4	16 45	2 35	20 26	2 19	23 18	1 57	23 54	0 41	3 29	1 24	13 37	1 46	7 20	0 35	18 48	0 6	10 55	17 18	9 41	9 23	10 53	11 27	0 51
M 4	23 9	13 57	1 26	20 4	2 32	23 5	1 57	23 58	0 41	3 27	1 23	13 36	1 46	7 20	0 35	18 47	0 6	10 55	17 18	9 42	9 24	10 52	11 26	0 51
T 5	23 13	10 19	0 11	19 44	2 43	22 51	1 57	24 1	0 42	3 24	1 23	13 34	1 46	7 20	0 35	18 47	0 6	10 55	17 18	9 43	9 25	10 50	11 25	0 51
W 6	23 17	6 8	1n 3	19 28	2 52	22 37	1 57	24 4	0 42	3 22	1 23	13 33	1 45	7 20	0 35	18 46	0 6	10 55	17 17	9 43	9 26	10 49	11 25	0 51
T 7	23 20	1 39	2 13	19 14	2 58	22 22	1 57	24 6	0 43	3 20	1 22	13 31	1 45	7 19	0 35	18 46	0 6	10 54	17 17	9 43	9 27	10 47	11 24	0 51
F 8	23 23	2s51	3 15	19 4	3 2	22 6	1 57	24 9	0 43	3 18	1 22	13 29	1 45	7 19	0 35	18 46	0 6	10 54	17 17	9 43	9 29	10 46	11 23	0 51
S 9	23 26	7 10	4 4	18 58	3 4	21 50	1 57	24 11	0 44	3 15	1 22	13 28	1 45	7 19	0 35	18 45	0 6	10 54	17 16	9 45	9 30	10 44	11 23	0 51
S 10	23 28	11 4	4 39	18 54	3 4	21 33	1 56	24 13	0 44	3 13	1 22	13 26	1 45	7 19	0 35	18 45	0 6	10 54	17 16	9 48	9 31	10 43	11 22	0 51
M11	23 29	14 20	4 59	18 54	3 2	21 16	1 56	24 14	0 45	3 10	1 21	13 24	1 45	7 19	0 35	18 44	0 6	10 53	17 15	9 51	9 32	10 41	11 22	0 51
T 12	23 31	16 50	5 2	18 57	2 59	20 57	1 56	24 16	0 45	3 7	1 21	13 23	1 45	7 18	0 35	18 44	0 6	10 53	17 15	9 55	9 33	10 39	11 21	0 51
W13	23 31	18 26	4 49	19 2	2 55	20 39	1 55	24 17	0 46	3 5	1 21	13 21	1 45	7 18	0 35	18 43	0 6	10 53	17 15	10 0	9 34	10 38	11 21	0 51
T 14	23 31	19 5	4 22	19 9	2 49	20 20	1 54	24 18	0 46	3 2	1 21	13 19	1 45	7 18	0 35	18 43	0 6	10 53	17 14	10 4	9 36	10 36	11 20	0 51
F 15	23 31	18 47	3 43	19 19	2 43	20 0	1 54	24 18	0 47	2 59	1 20	13 17	1 44	7 18	0 35	18 42	0 6	10 52	17 14	10 8	9 37	10 35	11 20	0 52
S 16	23 30	17 35	2 54	19 30	2 36	19 39	1 53	24 18	0 47	2 56	1 20	13 15	1 44	7 18	0 35	18 42	0 6	10 52	17 14	10 11	9 38	10 33	11 19	0 52
S 17	23 29	15 37	1 57	19 42	2 29	19 19	1 52	24 18	0 48	2 53	1 20	13 13	1 44	7 18	0 35	18 41	0 6	10 52	17 13	10 13	9 39	10 32	11 19	0 52
M18	23 27	13 0	0 56	19 56	2 21	18 57	1 51	24 18	0 48	2 50	1 19	13 12	1 44	7 18	0 35	18 41	0 6	10 51	17 13	10 14	9 40	10 30	11 19	0 52
T 19	23 25	9 53	0s 7	20 10	2 13	18 35	1 50	24 17	0 49	2 47	1 19	13 10	1 44	7 18	0 35	18 40	0 6	10 51	17 13	10 14	9 41	10 29	11 18	0 52
W20	23 22	6 22	1 10	20 25	2 4	18 13	1 48	24 16	0 49	2 44	1 19	13 8	1 44	7 18	0 35	18 40	0 6	10 51	17 12	10 14	9 43	10 27	11 18	0 52
T 21	23 19	2 37	2 10	20 40	1 56	17 50	1 47	24 15	0 49	2 41	1 19	13 6	1 44	7 18	0 35	18 39	0 6	10 50	17 12	10 13	9 44	10 25	11 18	0 52
F 22	23 15	1n18	3 5	20 55	1 47	17 27	1 46	24 14	0 50	2 38	1 18	13 4	1 44	7 18	0 35	18 39	0 6	10 50	17 11	10 13	9 45	10 24	11 17	0 52
S 23	23 11	5 13	3 53	21 11	1 38	17 3	1 44	24 12	0 50	2 34	1 18	13 2	1 44	7 18	0 35	18 38	0 6	10 50	17 11	10 14	9 46	10 22	11 17	0 52
S 24	23 7	9 1	4 31	21 26	1 29	16 39	1 43	24 10	0 51	2 31	1 18	13 0	1 44	7 18	0 35	18 38	0 7	10 49	17 11	10 15	9 47	10 21	11 17	0 52
M25	23 2	12 31	4 57	21 41	1 20	16 14	1 41	24 8	0 51	2 27	1 18	12 58	1 44	7 18	0 35	18 37	0 7	10 49	17 10	10 17	9 48	10 19	11 16	0 52
T 26	22 56	15 30	5 7	21 56	1 11	15 49	1 39	24 6	0 52	2 24	1 17	12 55	1 44	7 18	0 35	18 37	0 7	10 48	17 10	10 19	9 50	10 18	11 16	0 52
W27	22 50	17 43	5 1	22 10	1 2	15 24	1 37	24 3	0 52	2 20	1 17	12 53	1 44	7 18	0 35	18 36	0 7	10 48	17 10	10 22	9 51	10 16	11 16	0 52
T 28	22 44	18 55	4 36	22 23	0 53	14 58	1 35	24 0	0 52	2 17	1 17	12 51	1 43	7 19	0 35	18 36	0 7	10 48	17 9	10 26	9 52	10 14	11 16	0 52
F 29	22 37	18 56	3 53	22 36	0 45	14 32	1 33	23 56	0 53	2 13	1 17	12 49	1 43	7 19	0 35	18 35	0 7	10 47	17 9	10 28	9 53	10 13	11 16	0 52
S 30	22 30	17 39	2 53	22 48	0 36	14 5	1 31	23 53	0 53	2 9	1 17	12 47	1 43	7 19	0 34	18 35	0 7	10 47	17 8	10 30	9 54	10 11	11 16	0 52
S 31	22s22	15n10	1s42	23s 0	0n28	13s38	1s29	23s49	0s54	2s 5	1s16	12s45	1s43	7n19	0s34	18s34	0s 7	10s46	17s 8	10n32	9n55	10s10	11n16	0s52

Julian Day Number = 2213018.5, Delta T = 09m13s
Ecliptic obliquity = 23°31'18, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°37'52, Lahiri = 14°44'52 Julian Calendar 1 Dec. 1346 == Greg. Calendar 9 Dec. 1346

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ASTRODIENST EPHEMERIS for the year 1347
geocentric

JANUARY 1347 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	7 12 4	18♉34'23	28♌24	27♐ 9	29♒ 5	13♉22	27♓50	1♓ 9	20♈ 1	7♒32	12♈36	2°D43	4♍22	3♓41	1°R36	M 1
T 2	7 16 1	19°35'28	13♍ 3	28°30	0♓16	14° 8	27°59	1°15	20° 2	7°34	12°37	2♍44	4°19	3°47	1♉36	T 2
W 3	7 19 58	20°36'32	27°28	29°52	1°28	14°55	28° 8	1°22	20° 2	7°36	12°37	2°45	4°16	3°54	1°D36	W 3
T 4	7 23 54	21°37'36	11♎36	1♉14	2°39	15°41	28°18	1°28	20° 3	7°38	12°37	2°46	4°12	4° 1	1°36	T 4
F 5	7 27 51	22°38'40	25°26	2°38	3°50	16°28	28°28	1°34	20° 4	7°40	12°38	2°R47	4° 9	4° 7	1°36	F 5
S 6	7 31 47	23°39'43	9♏ 0	4° 3	5° 1	17°15	28°37	1°40	20° 5	7°43	12°38	2°45	4° 6	4°14	1°36	S 6
S 7	7 35 44	24°40'45	22°18	5°28	6°12	18° 1	28°47	1°47	20° 6	7°45	12°39	2°42	4° 3	4°21	1°37	S 7
M 8	7 39 40	25°41'47	5♐21	6°55	7°23	18°48	28°57	1°53	20° 6	7°47	12°39	2°38	4° 0	4°27	1°37	M 8
T 9	7 43 37	26°42'49	18°10	8°22	8°33	19°35	29° 7	2° 0	20° 7	7°49	12°39	2°32	3°56	4°34	1°37	T 9
W10	7 47 33	27°43'50	0♑47	9°50	9°44	20°22	29°17	2° 6	20° 8	7°52	12°40	2°25	3°53	4°41	1°38	W10
T 11	7 51 30	28°44'49	13°12	11°19	10°55	21° 8	29°28	2°13	20° 9	7°54	12°40	2°19	3°50	4°47	1°38	T 11
F 12	7 55 27	29°45'48	25°26	12°49	12° 5	21°55	29°38	2°19	20°11	7°56	12°41	2°13	3°47	4°54	1°39	F 12
S 13	7 59 23	0♒46'46	7♒31	14°19	13°15	22°42	29°49	2°26	20°12	7°58	12°42	2° 9	3°44	5° 1	1°39	S 13
S 14	8 3 20	1°47'43	19°28	15°50	14°25	23°29	29°59	2°33	20°13	8° 1	12°42	2° 7	3°41	5° 7	1°40	S 14
M15	8 7 16	2°48'39	1♓18	17°22	15°35	24°16	0♈10	2°39	20°14	8° 3	12°43	2°D 6	3°37	5°14	1°41	M15
T 16	8 11 13	3°49'33	13° 5	18°54	16°45	25° 3	0°21	2°46	20°15	8° 5	12°43	2° 7	3°34	5°20	1°41	T 16
W17	8 15 9	4°50'26	24°51	20°27	17°54	25°49	0°32	2°53	20°17	8° 7	12°44	2° 8	3°31	5°27	1°42	W17
T 18	8 19 6	5°51'18	6♈41	22° 1	19° 4	26°36	0°43	3° 0	20°18	8°10	12°45	2°10	3°28	5°34	1°43	T 18
F 19	8 23 2	6°52'08	18°39	23°36	20°13	27°23	0°55	3° 6	20°20	8°12	12°45	2°12	3°25	5°40	1°44	F 19
S 20	8 26 59	7°52'56	0♉49	25°12	21°22	28°10	1° 6	3°13	20°21	8°14	12°46	2°13	3°22	5°47	1°45	S 20
S 21	8 30 56	8°53'44	13°17	26°48	22°31	28°57	1°17	3°20	20°23	8°17	12°47	2°R13	3°18	5°54	1°46	S 21
M22	8 34 52	9°54'29	26° 7	28°25	23°40	29°44	1°29	3°27	20°24	8°19	12°47	2°12	3°15	6° 0	1°47	M22
T 23	8 38 49	10°55'13	9♊23	0♒ 3	24°49	0♒31	1°40	3°34	20°26	8°21	12°48	2°10	3°12	6° 7	1°49	T 23
W24	8 42 45	11°55'56	23° 6	1°41	25°57	1°18	1°52	3°41	20°28	8°23	12°49	2° 7	3° 9	6°14	1°50	W24
T 25	8 46 42	12°56'37	7♋17	3°21	27° 6	2° 5	2° 4	3°48	20°29	8°26	12°50	2° 5	3° 6	6°20	1°51	T 25
F 26	8 50 38	13°57'16	21°53	5° 1	28°14	2°52	2°16	3°55	20°31	8°28	12°50	2° 2	3° 2	6°27	1°53	F 26
S 27	8 54 35	14°57'53	6♌49	6°42	29°22	3°40	2°28	4° 3	20°33	8°30	12°51	2° 0	2°59	6°34	1°54	S 27
S 28	8 58 31	15°58'29	21°56	8°24	0♈29	4°27	2°40	4°10	20°35	8°32	12°52	1°59	2°56	6°40	1°56	S 28
M29	9 2 28	16°59'04	7♍ 5	10° 7	1°37	5°14	2°52	4°17	20°37	8°35	12°53	1°D59	2°53	6°47	1°57	M29
T 30	9 6 25	17°59'37	22° 7	11°50	2°44	6° 1	3° 4	4°24	20°39	8°37	12°54	2° 0	2°50	6°54	1°59	T 30
W31	9 10 21	19♒ 0'09	6♎54	13♒35	3♈51	6♒48	3♈16	4♓31	20♈41	8♒39	12♈55	2♍ 1	2♍47	7♓ 0	2♉ 0	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	22s14	11n42	0s23	23s10	0n19	13s11	1s26	23s45	0s54	2s 2	1s16	12s42	1s43	7n19	0s34	18s33	0s 7	10s46	17s 8	10n32	9n57	10s 8	11n15	0s52
T 2	22 5	7 32	0n56	23 20	0 11	12 43	1 24	23 40	0 54	1 58	1 16	12 40	1 43	7 20	0 34	18 33	0 7	10 46	17 7	10 32	9 58	10 6	11 15	0 52
W 3	21 56	3 0	2 10	23 29	0 3	12 15	1 21	23 36	0 55	1 54	1 16	12 38	1 43	7 20	0 34	18 32	0 7	10 45	17 7	10 32	9 59	10 5	11 15	0 52
T 4	21 47	1s36	3 15	23 36	0s 5	11 47	1 19	23 31	0 55	1 50	1 15	12 36	1 43	7 20	0 34	18 32	0 7	10 45	17 7	10 31	10 0	10 3	11 15	0 52
F 5	21 37	6 2	4 8	23 43	0 13	11 19	1 16	23 25	0 56	1 46	1 15	12 33	1 43	7 20	0 34	18 31	0 7	10 44	17 6	10 31	10 1	10 2	11 15	0 52
S 6	21 26	10 3	4 45	23 48	0 20	10 50	1 13	23 20	0 56	1 42	1 15	12 31	1 43	7 21	0 34	18 31	0 7	10 44	17 6	10 32	10 2	10 0	11 15	0 52
S 7	21 16	13 28	5 6	23 52	0 28	10 21	1 10	23 14	0 56	1 38	1 15	12 29	1 43	7 21	0 34	18 30	0 7	10 43	17 6	10 33	10 4	9 59	11 15	0 52
M 8	21 5	16 10	5 11	23 55	0 35	9 52	1 7	23 8	0 57	1 33	1 15	12 26	1 43	7 22	0 34	18 30	0 7	10 43	17 5	10 34	10 5	9 57	11 15	0 52
T 9	20 53	18 1	5 0	23 57	0 42	9 23	1 4	23 2	0 57	1 29	1 14	12 24	1 43	7 22	0 34	18 29	0 7	10 42	17 5	10 37	10 6	9 55	11 16	0 52
W10	20 41	18 57	4 34	23 58	0 49	8 53	1 1	22 55	0 57	1 25	1 14	12 22	1 43	7 22	0 34	18 28	0 7	10 42	17 4	10 39	10 7	9 54	11 16	0 52
T 11	20 29	18 57	3 56	23 57	0 55	8 23	0 58	22 48	0 58	1 21	1 14	12 19	1 43	7 23	0 34	18 28	0 7	10 41	17 4	10 41	10 8	9 52	11 16	0 52
F 12	20 16	18 3	3 7	23 55	1 1	7 53	0 54	22 41	0 58	1 16	1 14	12 17	1 43	7 23	0 34	18 27	0 7	10 41	17 4	10 43	10 9	9 50	11 16	0 52
S 13	20 3	16 21	2 11	23 52	1 7	7 23	0 51	22 34	0 58	1 12	1 14	12 14	1 43	7 24	0 34	18 27	0 7	10 40	17 3	10 45	10 10	9 49	11 16	0 53
S 14	19 50	13 57	1 9	23 47	1 13	6 53	0 47	22 26	0 59	1 7	1 13	12 12	1 43	7 24	0 34	18 26	0 7	10 40	17 3	10 45	10 12	9 47	11 16	0 53
M15	19 36	10 59	0 4	23 42	1 19	6 22	0 44	22 18	0 59	1 3	1 13	12 9	1 43	7 25	0 34	18 26	0 7	10 39	17 3	10 46	10 13	9 46	11 17	0 53
T 16	19 22	7 36	1s 0	23 34	1 24	5 52	0 40	22 10	0 59	0 58	1 13	12 7	1 43	7 25	0 34	18 25	0 7	10 38	17 2	10 46	10 14	9 44	11 17	0 53
W17	19 7	3 55	2 2	23 25	1 29	5 21	0 36	22 2	1 0	0 54	1 13	12 4	1 42	7 26	0 34	18 24	0 7	10 38	17 2	10 45	10 15	9 42	11 17	0 53
T 18	18 52	0 5	2 59	23 15	1 34	4 50	0 32	21 53	1 0	0 49	1 13	12 2	1 42	7 26	0 34	18 24	0 7	10 37	17 2	10 44	10 16	9 41	11 17	0 53
F 19	18 37	3n48	3 49	23 4	1 38	4 19	0 28	21 44	1 0	0 45	1 12	11 59	1 42	7 27	0 34	18 23	0 7	10 37	17 1	10 44	10 17	9 39	11 18	0 53
S 20	18 22	7 35	4 30	22 51	1 42	3 48	0 24	21 35	1 1	0 40	1 12	11 57	1 42	7 27	0 34	18 23	0 7	10 36	17 1	10 43	10 19	9 37	11 18	0 53
S 21	18 6	11 8	4 59	22 36	1 46	3 17	0 20	21 26	1 1	0 35	1 12	11 54	1 42	7 28	0 34	18 22	0 7	10 36	17 1	10 43	10 20	9 36	11 18	0 53
M22	17 50	14 15	5 14	22 20	1 50	2 46	0 16	21 16	1 1	0 30	1 12	11 52	1 42	7 29	0 34	18 21	0 7	10 35	17 0	10 44	10 21	9 34	11 19	0 53
T 23	17 33	16 46	5 13	22 3	1 53	2 15	0 12	21 7	1 2	0 26	1 12	11 49	1 42	7 29	0 34	18 21	0 7	10 35	17 0	10 44	10 22	9 33	11 19	0 53
W24	17 16	18 26	4 55	21 44	1 56	1 43	0 7	20 56	1 2	0 21	1 11	11 47	1 42	7 30	0 34	18 20	0 7	10 34	17 0	10 45	10 23	9 31	11 20	0 53
T 25	16 59	19 1	4 18	21 23	1 58	1 12	0 3	20 46	1 2	0 16	1 11	11 44	1 42	7 31	0 34	18 20	0 7	10 33	16 59	10 46	10 24	9 29	11 20	0 53
F 26	16 42	18 23	3 24	21 1	2 0	0 41	0n 2	20 36	1 2	0 11	1 11	11 42	1 42	7 31	0 34	18 19	0 7	10 33	16 59	10 47	10 25	9 28	11 20	0 53
S 27	16 24	16 27	2 15	20 38	2 2	0 10	0 6	20 25	1 3	0 6	1 11	11 39	1 42	7 32	0 33	18 19	0 7	10 32	16 59	10 48	10 27	9 26	11 21	0 53
S 28	16 6	13 22	0 55	20 13	2 3	0n22	0 11	20 14	1 3	0 1	1 11	11 36	1 42	7 33	0 33	18 18	0 7	10 32	16 59	10 48	10 28	9 24	11 21	0 53
M29	15 48	9 23	0n28	19 46	2 4	0 53	0 15	20 3	1 3	0n 4	1 11	11 34	1 42	7 34	0 33	18 17	0 7	10 31	16 58	10 48	10 29	9 23	11 22	0 53
T 30	15 29	4 49	1 49	19 18	2 5	1 24	0 20	19 51	1 3	0 9	1 10	11 31	1 42	7 34	0 33	18 17	0 7	10 30	16 58	10 48	10 30	9 21	11 22	0 53
W31	15s11	0n 2	3n 2	18s48	2s 5	1n55	0n25	19s40	1s 3	0n14	1s10	11s28	1s42	7n35	0s33	18s16	0s 7	10s30	16s58	10n48	10n31	9s19	11n23	0s53

Julian Day Number = 2213049.5, Delta T = 09m13s
Ecliptic obliquity = 23°31'18, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°37'56, Lahiri = 14°44'56 Julian Calendar 1 Jan. 1347 == Greg. Calendar 9 Jan. 1347

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1347
geocentric

FEBRUARY 1347 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 14 18	20♒ 0'39	21♎21	15♒20	4♈58	7♒35	3♈29	4♓38	20♈43	8♒41	12♈56	2♍ 2	2♍43	7♓ 7	2♉ 2	T 1
F 2	9 18 14	21° 1'08	5♏24	17° 7	6° 4	8°22	3°41	4°46	20°45	8°44	12°57	2° 2	2°40	7°13	2° 4	F 2
S 3	9 22 11	22° 1'36	19° 3	18°54	7°11	9° 9	3°54	4°53	20°47	8°46	12°57	2°R 3	2°37	7°20	2° 6	S 3
S 4	9 26 7	23° 2'03	2♐19	20°42	8°17	9°57	4° 6	5° 0	20°49	8°48	12°58	2° 3	2°34	7°27	2° 8	S 4
M 5	9 30 4	24° 2'28	15°14	22°32	9°23	10°44	4°19	5° 7	20°51	8°50	12°59	2° 2	2°31	7°33	2°10	M 5
T 6	9 34 0	25° 2'52	27°51	24°22	10°28	11°31	4°32	5°15	20°53	8°53	13° 0	2° 1	2°28	7°40	2°12	T 6
W 7	9 37 57	26° 3'14	10♑14	26°13	11°34	12°18	4°44	5°22	20°56	8°55	13° 1	2° 1	2°24	7°47	2°14	W 7
T 8	9 41 54	27° 3'35	22°24	28° 5	12°39	13° 5	4°57	5°29	20°58	8°57	13° 2	2° 0	2°21	7°53	2°16	T 8
F 9	9 45 50	28° 3'54	4♒25	29°57	13°44	13°52	5°10	5°37	21° 0	8°59	13° 3	1°59	2°18	8° 0	2°18	F 9
S 10	9 49 47	29° 4'11	16°20	1♓51	14°48	14°40	5°23	5°44	21° 3	9° 1	13° 5	1°59	2°15	8° 7	2°20	S 10
S 11	9 53 43	0♓ 4'27	28° 9	3°45	15°52	15°27	5°36	5°51	21° 5	9° 4	13° 6	1°D59	2°12	8°13	2°23	S 11
M12	9 57 40	1° 4'41	9♓57	5°39	16°56	16°14	5°50	5°59	21° 8	9° 6	13° 7	1°59	2° 8	8°20	2°25	M12
T 13	10 1 36	2° 4'52	21°44	7°35	18° 0	17° 1	6° 3	6° 6	21°10	9° 8	13° 8	1°R59	2° 5	8°27	2°27	T 13
W14	10 5 33	3° 5'02	3♈33	9°30	19° 3	17°49	6°16	6°14	21°13	9°10	13° 9	1°59	2° 2	8°33	2°30	W14
T 15	10 9 29	4° 5'10	15°28	11°26	20° 6	18°36	6°29	6°21	21°15	9°12	13°10	1°59	1°59	8°40	2°32	T 15
F 16	10 13 26	5° 5'16	27°29	13°22	21° 9	19°23	6°43	6°28	21°18	9°14	13°11	1°58	1°56	8°46	2°35	F 16
S 17	10 17 22	6° 5'20	9♉42	15°17	22°11	20°10	6°56	6°36	21°20	9°16	13°12	1°58	1°53	8°53	2°37	S 17
S 18	10 21 19	7° 5'22	22°10	17°12	23°13	20°57	7°10	6°43	21°23	9°18	13°14	1°57	1°49	9° 0	2°40	S 18
M19	10 25 16	8° 5'21	4♊56	19° 6	24°15	21°45	7°23	6°50	21°26	9°20	13°15	1°D57	1°46	9° 6	2°42	M19
T 20	10 29 12	9° 5'19	18° 3	20°59	25°16	22°32	7°37	6°58	21°28	9°22	13°16	1°57	1°43	9°13	2°45	T 20
W21	10 33 9	10° 5'14	1♋36	22°51	26°16	23°19	7°50	7° 5	21°31	9°25	13°17	1°58	1°40	9°20	2°48	W21
T 22	10 37 5	11° 5'07	15°35	24°41	27°17	24° 6	8° 4	7°13	21°34	9°27	13°18	1°58	1°37	9°26	2°51	T 22
F 23	10 41 2	12° 4'57	29°59	26°28	28°17	24°53	8°18	7°20	21°37	9°29	13°20	1°59	1°34	9°33	2°54	F 23
S 24	10 44 58	13° 4'46	14♌47	28°13	29°16	25°40	8°31	7°27	21°40	9°31	13°21	2° 0	1°30	9°40	2°56	S 24
S 25	10 48 55	14° 4'32	29°52	29°54	0♉15	26°28	8°45	7°35	21°43	9°32	13°22	2°R 0	1°27	9°46	2°59	S 25
M26	10 52 51	15° 4'16	15♍ 5	1♈31	1°13	27°15	8°59	7°42	21°45	9°34	13°23	2° 0	1°24	9°53	3° 2	M26
T 27	10 56 48	16° 3'58	0♎18	3° 5	2°11	28° 2	9°13	7°49	21°48	9°36	13°25	1°59	1°21	10° 0	3° 5	T 27
W28	11 0 45	17♓ 3'38	15♎20	4♈33	3♉ 9	28♒49	9♈27	7♓57	21♈51	9♒38	13♈26	1♍58	1♍18	10♓ 6	3♉ 8	W28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	14s52	4s37	4n 1	18s17	2s 5	2n26	0n30	19s28	1s 4	0n19	1s10	11s26	1s42	7n36	0s33	18s16	0s 7	10s29	16s57	10n47	10n32	9s18	11n24	0s53
F 2	14 32	8 54	4 44	17 44	2 4	2 57	0 35	19 16	1 4	0 24	1 10	11 23	1 42	7 37	0 33	18 15	0 7	10 29	16 57	10 47	10 33	9 16	11 24	0 53
S 3	14 13	12 35	5 10	17 9	2 3	3 28	0 40	19 3	1 4	0 29	1 10	11 20	1 42	7 38	0 33	18 15	0 7	10 28	16 57	10 47	10 35	9 14	11 25	0 53
S 4	13 53	15 30	5 18	16 33	2 1	3 59	0 45	18 51	1 4	0 34	1 10	11 18	1 42	7 38	0 33	18 14	0 7	10 27	16 56	10 47	10 36	9 13	11 25	0 53
M 5	13 33	17 35	5 9	15 55	1 59	4 30	0 50	18 38	1 5	0 39	1 10	11 15	1 42	7 39	0 33	18 13	0 7	10 27	16 56	10 47	10 37	9 11	11 26	0 53
T 6	13 13	18 44	4 46	15 16	1 56	5 0	0 55	18 25	1 5	0 45	1 9	11 12	1 42	7 40	0 33	18 13	0 7	10 26	16 56	10 47	10 38	9 9	11 27	0 53
W 7	12 53	18 58	4 10	14 36	1 53	5 31	1 0	18 12	1 5	0 50	1 9	11 10	1 42	7 41	0 33	18 12	0 7	10 25	16 56	10 48	10 39	9 8	11 27	0 53
T 8	12 32	18 19	3 23	13 53	1 49	6 1	1 6	17 59	1 5	0 55	1 9	11 7	1 42	7 42	0 33	18 12	0 7	10 25	16 55	10 48	10 40	9 6	11 28	0 53
F 9	12 11	16 50	2 27	13 10	1 45	6 31	1 11	17 46	1 5	1 0	1 9	11 4	1 42	7 43	0 33	18 11	0 7	10 24	16 55	10 48	10 41	9 4	11 29	0 53
S 10	11 50	14 38	1 26	12 25	1 40	7 1	1 16	17 32	1 5	1 6	1 9	11 2	1 43	7 44	0 33	18 11	0 7	10 24	16 55	10 48	10 43	9 3	11 29	0 53
S 11	11 29	11 49	0 21	11 38	1 35	7 31	1 22	17 18	1 6	1 11	1 9	10 59	1 43	7 45	0 33	18 10	0 7	10 23	16 55	10 48	10 44	9 1	11 30	0 53
M12	11 8	8 33	0s44	10 50	1 28	8 1	1 27	17 4	1 6	1 16	1 9	10 56	1 43	7 46	0 33	18 9	0 7	10 22	16 54	10 48	10 45	8 59	11 31	0 53
T 13	10 46	4 56	1 48	10 1	1 22	8 30	1 32	16 50	1 6	1 22	1 9	10 54	1 43	7 47	0 33	18 9	0 7	10 22	16 54	10 48	10 46	8 58	11 32	0 53
W14	10 25	1 8	2 47	9 11	1 15	9 0	1 38	16 36	1 6	1 27	1 8	10 51	1 43	7 48	0 33	18 8	0 7	10 21	16 54	10 48	10 47	8 56	11 33	0 54
T 15	10 3	2n44	3 39	8 20	1 7	9 29	1 43	16 21	1 6	1 32	1 8	10 48	1 43	7 49	0 33	18 8	0 7	10 20	16 54	10 48	10 48	8 54	11 33	0 54
F 16	9 41	6 32	4 22	7 27	0 58	9 58	1 49	16 6	1 6	1 38	1 8	10 45	1 43	7 50	0 33	18 7	0 7	10 20	16 53	10 49	10 49	8 53	11 34	0 54
S 17	9 19	10 7	4 54	6 34	0 49	10 26	1 55	15 52	1 6	1 43	1 8	10 43	1 43	7 51	0 33	18 7	0 7	10 19	16 53	10 49	10 51	8 51	11 35	0 54
S 18	8 56	13 19	5 13	5 41	0 39	10 55	2 0	15 37	1 6	1 49	1 8	10 40	1 43	7 52	0 33	18 6	0 7	10 18	16 53	10 49	10 52	8 49	11 36	0 54
M19	8 34	15 59	5 18	4 46	0 29	11 23	2 6	15 21	1 7	1 54	1 8	10 37	1 43	7 53	0 33	18 6	0 7	10 18	16 53	10 49	10 53	8 48	11 37	0 54
T 20	8 11	17 55	5 6	3 52	0 18	11 51	2 11	15 6	1 7	2 0	1 8	10 35	1 43	7 54	0 33	18 5	0 7	10 17	16 53	10 49	10 54	8 46	11 38	0 54
W21	7 49	18 54	4 37	2 57	0 7	12 18	2 17	14 51	1 7	2 5	1 8	10 32	1 43	7 55	0 33	18 5	0 7	10 16	16 52	10 49	10 55	8 44	11 39	0 54
T 22	7 26	18 48	3 51	2 3	0n 5	12 45	2 23	14 35	1 7	2 11	1 7	10 29	1 43	7 56	0 33	18 4	0 7	10 16	16 52	10 49	10 56	8 42	11 40	0 54
F 23	7 3	17 28	2 49	1 9	0 17	13 12	2 28	14 19	1 7	2 16	1 7	10 26	1 43	7 57	0 33	18 3	0 7	10 15	16 52	10 48	10 57	8 41	11 40	0 54
S 24	6 40	14 57	1 34	0 16	0 30	13 39	2 34	14 3	1 7	2 22	1 7	10 24	1 43	7 58	0 33	18 3	0 7	10 15	16 52	10 48	10 59	8 39	11 41	0 54
S 25	6 17	11 22	0 12	0n37	0 43	14 5	2 40	13 47	1 7	2 27	1 7	10 21	1 43	7 59	0 33	18 2	0 7	10 14	16 52	10 48	11 0	8 37	11 42	0 54
M26	5 54	7 0	1n12	1 27	0 56	14 31	2 45	13 31	1 7	2 33	1 7	10 18	1 43	8 0	0 33	18 2	0 7	10 13	16 51	10 48	11 1	8 36	11 43	0 54
T 27	5 31	2 11	2 31	2 17	1 9	14 57	2 51	13 15	1 7	2 38	1 7	10 16	1 43	8 1	0 33	18 1	0 7	10 13	16 51	10 48	11 2	8 34	11 44	0 54
W28	5s 8	2s42	3n38	3n 4	1n22	15n22	2n57	12s58	1s 7	2n44	1s 7	10s13	1s43	8n 2	0s33	18s 1	0s 7	10s12	16s51	10n49	11n 3	8s32	11n45	0s54

Julian Day Number = 2213080.5, Delta T = 09m13s
Ecliptic obliquity = 23°31'19, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°38'00, Lahiri = 14°45'01 Julian Calendar 1 Feb. 1347 == Greg. Calendar 9 Feb. 1347

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ASTRODIENST EPHEMERIS for the year 1347
geocentric

MARCH 1347 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	11 4 41	18♓ 3'16	0♏ 3	5♈56	4♉ 6	29♒36	9♈41	8♓ 4	21♈54	9♒40	13♈27	1°R56	1♍14	10♓13	3♉11	T 1
F 2	11 8 38	19° 2'53	14°22	7°14	5° 2	0♓23	9°55	8°11	21°57	9°42	13°28	1♍53	1°11	10°20	3°15	F 2
S 3	11 12 34	20° 2'28	28°13	8°25	5°58	1°10	10° 9	8°19	22° 0	9°44	13°30	1°52	1° 8	10°26	3°18	S 3
S 4	11 16 31	21° 2'01	11♐36	9°30	6°54	1°57	10°23	8°26	22° 3	9°46	13°31	1°50	1° 5	10°33	3°21	S 4
M 5	11 20 27	22° 1'32	24°33	10°28	7°48	2°44	10°37	8°33	22° 6	9°48	13°32	1°D50	1° 2	10°39	3°24	M 5
T 6	11 24 24	23° 1'01	7♑ 8	11°19	8°42	3°31	10°51	8°40	22°10	9°49	13°34	1°51	0°59	10°46	3°27	T 6
W 7	11 28 20	24° 0'29	19°25	12° 3	9°36	4°19	11° 5	8°48	22°13	9°51	13°35	1°52	0°55	10°53	3°31	W 7
T 8	11 32 17	24°59'55	1♒28	12°39	10°29	5° 6	11°19	8°55	22°16	9°53	13°36	1°54	0°52	10°59	3°34	T 8
F 9	11 36 14	25°59'18	13°22	13° 8	11°21	5°53	11°33	9° 2	22°19	9°55	13°38	1°56	0°49	11° 6	3°37	F 9
S 10	11 40 10	26°58'40	25°11	13°29	12°12	6°40	11°48	9° 9	22°22	9°56	13°39	1°57	0°46	11°13	3°41	S 10
S 11	11 44 7	27°58'00	6♓57	13°43	13° 3	7°27	12° 2	9°16	22°25	9°58	13°40	1°R57	0°43	11°19	3°44	S 11
M12	11 48 3	28°57'18	18°44	13°R48	13°53	8°14	12°16	9°24	22°29	10° 0	13°42	1°55	0°39	11°26	3°48	M12
T 13	11 52 0	29°56'34	0♈35	13°47	14°42	9° 0	12°30	9°31	22°32	10° 1	13°43	1°53	0°36	11°33	3°51	T 13
W14	11 55 56	0♈55'48	12°30	13°38	15°30	9°47	12°45	9°38	22°35	10° 3	13°45	1°49	0°33	11°39	3°55	W14
T 15	11 59 53	1°55'00	24°33	13°23	16°18	10°34	12°59	9°45	22°38	10° 4	13°46	1°44	0°30	11°46	3°58	T 15
F 16	12 3 49	2°54'10	6♉45	13° 1	17° 5	11°21	13°13	9°52	22°42	10° 6	13°47	1°38	0°27	11°53	4° 2	F 16
S 17	12 7 46	3°53'17	19° 8	12°34	17°50	12° 8	13°28	9°59	22°45	10° 8	13°49	1°33	0°24	11°59	4° 5	S 17
S 18	12 11 42	4°52'22	1♊43	12° 1	18°35	12°55	13°42	10° 6	22°48	10° 9	13°50	1°28	0°20	12° 6	4° 9	S 18
M19	12 15 39	5°51'25	14°32	11°24	19°19	13°42	13°56	10°13	22°52	10°11	13°52	1°25	0°17	12°12	4°13	M19
T 20	12 19 36	6°50'26	27°39	10°44	20° 2	14°28	14°11	10°20	22°55	10°12	13°53	1°23	0°14	12°19	4°16	T 20
W21	12 23 32	7°49'24	11♋ 5	10° 0	20°43	15°15	14°25	10°26	22°58	10°13	13°54	1°D22	0°11	12°26	4°20	W21
T 22	12 27 29	8°48'20	24°52	9°15	21°24	16° 2	14°40	10°33	23° 2	10°15	13°56	1°23	0° 8	12°32	4°24	T 22
F 23	12 31 25	9°47'13	9♌ 1	8°28	22° 3	16°49	14°54	10°40	23° 5	10°16	13°57	1°25	0° 5	12°39	4°28	F 23
S 24	12 35 22	10°46'05	23°30	7°42	22°41	17°35	15° 8	10°47	23° 8	10°18	13°59	1°26	0° 1	12°46	4°31	S 24
S 25	12 39 18	11°44'53	8♍18	6°56	23°18	18°22	15°23	10°54	23°12	10°19	14° 0	1°R26	29♌58	12°52	4°35	S 25
M26	12 43 15	12°43'40	23°19	6°12	23°54	19° 8	15°37	11° 0	23°15	10°20	14° 1	1°24	29°55	12°59	4°39	M26
T 27	12 47 11	13°42'25	8♎24	5°30	24°28	19°55	15°52	11° 7	23°19	10°21	14° 3	1°21	29°52	13° 6	4°43	T 27
W28	12 51 8	14°41'07	23°24	4°51	25° 1	20°42	16° 6	11°13	23°22	10°23	14° 4	1°15	29°49	13°12	4°47	W28
T 29	12 55 5	15°39'47	8♏11	4°16	25°33	21°28	16°21	11°20	23°25	10°24	14° 6	1° 8	29°45	13°19	4°50	T 29
F 30	12 59 1	16°38'26	22°36	3°45	26° 3	22°15	16°35	11°27	23°29	10°25	14° 7	1° 1	29°42	13°26	4°54	F 30
S 31	13 2 58	17♈37'03	6♐35	3♈18	26♉31	23♓ 1	16♈49	11♓33	23♈32	10♒26	14♈ 8	0♍55	29♌39	13♓32	4♉58	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	4s44	7s20	4n29	3n49	1n35	15n47	3n 2	12s42	1s 7	2n49	1s 7	10s10	1s44	8n 4	0s33	18s 0	0s 7	10s11	16s51	10n50	11n 4	8s31	11n46	0s54
F 2	4 21	11 24	5 2	4 31	1 48	16 12	3 8	12 25	1 7	2 55	1 7	10 8	1 44	8 5	0 33	18 0	0 7	10 11	16 51	10 50	11 5	8 29	11 47	0 54
S 3	3 57	14 42	5 16	5 11	2 0	16 36	3 14	12 8	1 7	3 1	1 7	10 5	1 44	8 6	0 33	17 59	0 7	10 10	16 51	10 51	11 7	8 27	11 48	0 54
S 4	3 34	17 6	5 12	5 48	2 12	17 0	3 19	11 52	1 7	3 6	1 7	10 2	1 44	8 7	0 33	17 59	0 7	10 9	16 50	10 51	11 8	8 25	11 49	0 54
M 5	3 10	18 33	4 52	6 22	2 24	17 23	3 25	11 35	1 7	3 12	1 6	10 0	1 44	8 8	0 33	17 59	0 7	10 9	16 50	10 51	11 9	8 24	11 50	0 54
T 6	2 47	19 2	4 19	6 52	2 35	17 46	3 30	11 17	1 7	3 17	1 6	9 57	1 44	8 9	0 33	17 58	0 7	10 8	16 50	10 51	11 10	8 22	11 52	0 54
W 7	2 23	18 35	3 34	7 18	2 45	18 9	3 36	11 0	1 7	3 23	1 6	9 54	1 44	8 10	0 32	17 58	0 7	10 8	16 50	10 51	11 11	8 20	11 53	0 54
T 8	2 0	17 17	2 40	7 41	2 54	18 31	3 41	10 43	1 7	3 29	1 6	9 52	1 44	8 12	0 32	17 57	0 7	10 7	16 50	10 50	11 12	8 18	11 54	0 54
F 9	1 36	15 15	1 41	8 0	3 2	18 52	3 47	10 26	1 7	3 34	1 6	9 49	1 44	8 13	0 32	17 57	0 7	10 6	16 50	10 50	11 13	8 17	11 55	0 54
S 10	1 12	12 35	0 37	8 14	3 9	19 14	3 52	10 8	1 7	3 40	1 6	9 46	1 44	8 14	0 32	17 56	0 7	10 6	16 50	10 49	11 14	8 15	11 56	0 55
S 11	0 49	9 25	0s28	8 25	3 15	19 34	3 57	9 51	1 7	3 46	1 6	9 44	1 44	8 15	0 32	17 56	0 7	10 5	16 50	10 49	11 16	8 13	11 57	0 55
M12	0 25	5 52	1 31	8 32	3 19	19 55	4 3	9 33	1 7	3 51	1 6	9 41	1 45	8 17	0 32	17 55	0 7	10 5	16 50	10 50	11 17	8 12	11 58	0 55
T 13	0 1	2 5	2 31	8 34	3 23	20 15	4 8	9 15	1 7	3 57	1 6	9 39	1 45	8 18	0 32	17 55	0 7	10 4	16 49	10 51	11 18	8 10	11 59	0 55
W14	0n22	1n49	3 25	8 32	3 24	20 34	4 13	8 57	1 7	4 2	1 6	9 36	1 45	8 19	0 32	17 55	0 7	10 3	16 49	10 52	11 19	8 8	12 0	0 55
T 15	0 46	5 41	4 9	8 26	3 24	20 53	4 18	8 39	1 7	4 8	1 6	9 34	1 45	8 20	0 32	17 54	0 7	10 3	16 49	10 54	11 20	8 6	12 2	0 55
F 16	1 9	9 21	4 44	8 16	3 22	21 11	4 23	8 21	1 7	4 14	1 6	9 31	1 45	8 21	0 32	17 54	0 7	10 2	16 49	10 56	11 21	8 5	12 3	0 55
S 17	1 33	12 40	5 5	8 2	3 19	21 29	4 28	8 3	1 7	4 19	1 6	9 28	1 45	8 23	0 32	17 53	0 7	10 2	16 49	10 58	11 22	8 3	12 4	0 55
S 18	1 57	15 28	5 12	7 45	3 14	21 47	4 33	7 45	1 6	4 25	1 6	9 26	1 45	8 24	0 32	17 53	0 8	10 1	16 49	10 59	11 23	8 1	12 5	0 55
M19	2 20	17 35	5 4	7 24	3 8	22 4	4 37	7 27	1 6	4 31	1 6	9 23	1 45	8 25	0 32	17 53	0 8	10 0	16 49	11 1	11 25	7 59	12 6	0 55
T 20	2 43	18 50	4 40	7 0	2 59	22 20	4 42	7 9	1 6	4 36	1 6	9 21	1 45	8 26	0 32	17 52	0 8	10 0	16 49	11 1	11 26	7 58	12 7	0 55
W21	3 7	19 4	4 1	6 34	2 50	22 36	4 47	6 51	1 6	4 42	1 6	9 18	1 46	8 28	0 32	17 52	0 8	9 59	16 49	11 1	11 27	7 56	12 9	0 55
T 22	3 30	18 11	3 6	6 6	2 39	22 51	4 51	6 32	1 6	4 47	1 5	9 16	1 46	8 29	0 32	17 51	0 8	9 59	16 49	11 1	11 28	7 54	12 10	0 55
F 23	3 53	16 9	1 59	5 36	2 26	23 6	4 55	6 14	1 6	4 53	1 5	9 13	1 46	8 30	0 32	17 51	0 8	9 58	16 49	11 1	11 29	7 52	12 11	0 55
S 24	4 17	13 3	0 43	5 5	2 13	23 20	4 59	5 56	1 6	4 59	1 5	9 11	1 46	8 31	0 32	17 51	0 8	9 58	16 49	11 0	11 30	7 51	12 12	0 55
S 25	4 40	9 4	0n37	4 34	1 58	23 33	5 3	5 37	1 6	5 4	1 5	9 8	1 46	8 33	0 32	17 50	0 8	9 57	16 49	11 0	11 31	7 49	12 14	0 55
M26	5 3	4 27	1 56	4 2	1 43	23 46	5 7	5 19	1 5	5 10	1 5	9 6	1 46	8 34	0 32	17 50	0 8	9 56	16 49	11 1	11 32	7 47	12 15	0 55
T 27	5 26	0s28	3 7	3 31	1 27	23 58	5 11	5 0	1 5	5 16	1 5	9 4	1 46	8 35	0 32	17 50	0 8	9 56	16 49	11 2	11 34	7 45	12 16	0 55
W28	5 48	5 20	4 5	3 1	1 11	24 10	5 15	4 42	1 5	5 21	1 5	9 1	1 46	8 37	0 32	17 49	0 8	9 55	16 49	11 4	11 35	7 43	12 17	0 56
T 29	6 11	9 47	4 45	2 32	0 54	24 21	5 18	4 23	1 5	5 27	1 5	8 59	1 47	8 38	0 32	17 49	0 8	9 55	16 49	11 6	11 36	7 42	12 18	0 56
F 30	6 34	13 33	5 6	2 4	0 38	24 31	5 21	4 5	1 5	5 32	1 5	8 57	1 47	8 39	0 32	17 49	0 8	9 54	16 49	11 9	11 37	7 40	12 20	0 56
S 31	6n56	16s26	5n 7	1n38	0n21	24n41	5n24	3s46	1s 4	5n38	1s 5	8s54	1s47	8n40	0s32	17s48	0s 8	9s54	16s49	11n11	11n38	7s38	12n21	0s56

Julian Day Number = 2213108.5, Delta T = 09m13s
Ecliptic obliquity = 23°31'19, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°38'04, Lahiri = 14°45'04 Julian Calendar 1 March 1347 == Greg. Calendar 9 March 1347

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ASTRODIENST EPHEMERIS for the year 1347
geocentric

APRIL 1347 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	13 6 54	18♈35'38	20♐ 6	2°R56	26♉58	23♓48	17♈ 4	11♓39	23♈36	10♒27	14♈10	0°R50	29♌36	13♓39	5♉ 2	S 1
M 2	13 10 51	19°34'12	3♑ 9	2♈39	27°23	24°34	17°18	11°46	23°39	10°29	14°11	0♍46	29°33	13°46	5° 6	M 2
T 3	13 14 47	20°32'44	15°47	2°27	27°46	25°20	17°33	11°52	23°43	10°30	14°13	0°D45	29°30	13°52	5°10	T 3
W 4	13 18 44	21°31'14	28° 5	2°20	28° 8	26° 7	17°47	11°58	23°46	10°31	14°14	0°45	29°26	13°59	5°14	W 4
T 5	13 22 40	22°29'42	10♒ 7	2°D18	28°28	26°53	18° 1	12° 5	23°49	10°32	14°15	0°46	29°23	14° 6	5°18	T 5
F 6	13 26 37	23°28'09	21°59	2°21	28°46	27°39	18°16	12°11	23°53	10°33	14°17	0°47	29°20	14°12	5°22	F 6
S 7	13 30 34	24°26'34	3♓46	2°30	29° 1	28°25	18°30	12°17	23°56	10°34	14°18	0°R47	29°17	14°19	5°26	S 7
S 8	13 34 30	25°24'58	15°33	2°43	29°15	29°12	18°45	12°23	24° 0	10°34	14°20	0°46	29°14	14°25	5°30	S 8
M 9	13 38 27	26°23'20	27°22	3° 0	29°27	29°58	18°59	12°29	24° 3	10°35	14°21	0°42	29°10	14°32	5°34	M 9
T 10	13 42 23	27°21'40	9♈19	3°23	29°37	0♈44	19°13	12°35	24° 7	10°36	14°22	0°37	29° 7	14°39	5°38	T 10
W11	13 46 20	28°19'58	21°24	3°49	29°44	1°30	19°28	12°41	24°10	10°37	14°24	0°28	29° 4	14°45	5°42	W11
T 12	13 50 16	29°18'14	3♉39	4°20	29°50	2°16	19°42	12°47	24°14	10°38	14°25	0°18	29° 1	14°52	5°46	T 12
F 13	13 54 13	0♉16'29	16° 6	4°55	29°53	3° 2	19°56	12°53	24°17	10°39	14°27	0° 7	28°58	14°59	5°50	F 13
S 14	13 58 9	1°14'42	28°44	5°34	29°R53	3°48	20°11	12°58	24°20	10°39	14°28	29♌57	28°55	15° 5	5°54	S 14
S 15	14 2 6	2°12'53	11♊35	6°17	29°51	4°34	20°25	13° 4	24°24	10°40	14°29	29°47	28°51	15°12	5°58	S 15
M16	14 6 3	3°11'02	24°38	7° 3	29°47	5°20	20°39	13°10	24°27	10°41	14°31	29°39	28°48	15°19	6° 2	M16
T 17	14 9 59	4° 9'09	7♋53	7°52	29°41	6° 6	20°53	13°15	24°31	10°41	14°32	29°34	28°45	15°25	6° 6	T 17
W18	14 13 56	5° 7'15	21°22	8°45	29°31	6°51	21° 7	13°21	24°34	10°42	14°33	29°31	28°42	15°32	6°10	W18
T 19	14 17 52	6° 5'18	5♌ 6	9°41	29°20	7°37	21°22	13°26	24°38	10°42	14°35	29°D30	28°39	15°39	6°14	T 19
F 20	14 21 49	7° 3'19	19° 4	10°41	29° 6	8°23	21°36	13°32	24°41	10°43	14°36	29°30	28°36	15°45	6°18	F 20
S 21	14 25 45	8° 1'18	3♍18	11°43	28°50	9° 8	21°50	13°37	24°44	10°43	14°37	29°R31	28°32	15°52	6°23	S 21
S 22	14 29 42	8°59'15	17°46	12°48	28°31	9°54	22° 4	13°42	24°48	10°44	14°39	29°29	28°29	15°59	6°27	S 22
M23	14 33 38	9°57'11	2♎24	13°55	28°10	10°40	22°18	13°48	24°51	10°44	14°40	29°26	28°26	16° 5	6°31	M23
T 24	14 37 35	10°55'04	17° 8	15° 6	27°46	11°25	22°32	13°53	24°54	10°45	14°41	29°20	28°23	16°12	6°35	T 24
W25	14 41 31	11°52'56	1♏51	16°19	27°21	12°11	22°46	13°58	24°58	10°45	14°42	29°12	28°20	16°19	6°39	W25
T 26	14 45 28	12°50'47	16°25	17°34	26°53	12°56	23° 0	14° 3	25° 1	10°45	14°44	29° 1	28°16	16°25	6°43	T 26
F 27	14 49 25	13°48'36	0♐43	18°52	26°24	13°41	23°14	14° 8	25° 4	10°46	14°45	28°50	28°13	16°32	6°47	F 27
S 28	14 53 21	14°46'23	14°39	20°13	25°53	14°27	23°28	14°12	25° 8	10°46	14°46	28°40	28°10	16°38	6°51	S 28
S 29	14 57 18	15°44'10	28° 9	21°36	25°20	15°12	23°42	14°17	25°11	10°46	14°48	28°31	28° 7	16°45	6°55	S 29
M30	15 1 14	16♉41'55	11♑14	23♈ 1	24♉46	15♈57	23♈56	14♓22	25♈14	10♒47	14♈49	28♌24	28♌ 4	16♓52	6♉59	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	7n19	18s18	4n52	1n15	0n 5	24n50	5n27	3s27	1s 4	5n43	1s 5	8s52	1s47	8n42	0s32	17s48	0s 8	9s53	16s49	11n13	11n39	7s36	12n22	0s56
M 2	7 41	19 8	4 21	0 54	0s11	24 59	5 29	3 9	1 4	5 49	1 5	8 50	1 47	8 43	0 32	17 48	0 8	9 53	16 49	11 14	11 40	7 35	12 23	0 56
T 3	8 3	18 58	3 39	0 35	0 26	25 6	5 31	2 50	1 4	5 54	1 5	8 47	1 47	8 44	0 32	17 48	0 8	9 52	16 49	11 15	11 41	7 33	12 25	0 56
W 4	8 25	17 53	2 47	0 18	0 41	25 13	5 33	2 31	1 4	6 0	1 5	8 45	1 48	8 46	0 32	17 47	0 8	9 52	16 49	11 15	11 42	7 31	12 26	0 56
T 5	8 47	16 1	1 49	0 4	0 55	25 19	5 35	2 13	1 3	6 5	1 5	8 43	1 48	8 47	0 32	17 47	0 8	9 51	16 49	11 14	11 44	7 29	12 27	0 56
F 6	9 9	13 29	0 47	0s 7	1 9	25 25	5 36	1 54	1 3	6 11	1 5	8 40	1 48	8 48	0 32	17 47	0 8	9 51	16 49	11 14	11 45	7 27	12 28	0 56
S 7	9 30	10 25	0s16	0 15	1 22	25 29	5 37	1 35	1 3	6 16	1 5	8 38	1 48	8 49	0 32	17 47	0 8	9 50	16 49	11 14	11 46	7 26	12 30	0 56
S 8	9 52	6 55	1 19	0 21	1 34	25 33	5 38	1 17	1 3	6 22	1 5	8 36	1 48	8 51	0 32	17 46	0 8	9 50	16 49	11 14	11 47	7 24	12 31	0 56
M 9	10 13	3 9	2 18	0 24	1 45	25 36	5 38	0 58	1 2	6 27	1 5	8 34	1 48	8 52	0 32	17 46	0 8	9 49	16 49	11 16	11 48	7 22	12 32	0 56
T 10	10 34	0n46	3 12	0 25	1 56	25 38	5 38	0 39	1 2	6 33	1 5	8 32	1 49	8 53	0 32	17 46	0 8	9 49	16 49	11 18	11 49	7 20	12 34	0 56
W11	10 55	4 42	3 57	0 24	2 5	25 40	5 38	0 21	1 2	6 38	1 5	8 30	1 49	8 54	0 32	17 46	0 8	9 48	16 49	11 21	11 50	7 19	12 35	0 56
T 12	11 16	8 30	4 32	0 20	2 14	25 40	5 37	0 2	1 1	6 44	1 5	8 28	1 49	8 56	0 32	17 45	0 8	9 48	16 49	11 24	11 51	7 17	12 36	0 57
F 13	11 36	12 0	4 55	0 13	2 23	25 40	5 36	0n16	1 1	6 49	1 5	8 25	1 49	8 57	0 32	17 45	0 8	9 48	16 49	11 28	11 52	7 15	12 37	0 57
S 14	11 57	15 0	5 4	0 5	2 30	25 38	5 34	0 35	1 1	6 55	1 5	8 23	1 49	8 58	0 32	17 45	0 8	9 47	16 49	11 32	11 54	7 13	12 39	0 57
S 15	12 17	17 20	4 58	0n 6	2 37	25 36	5 32	0 54	1 1	7 0	1 5	8 21	1 49	9 0	0 32	17 45	0 8	9 47	16 50	11 35	11 55	7 11	12 40	0 57
M16	12 37	18 49	4 36	0 19	2 43	25 32	5 30	1 12	1 0	7 5	1 5	8 19	1 50	9 1	0 32	17 45	0 8	9 46	16 50	11 38	11 56	7 10	12 41	0 57
T 17	12 57	19 18	3 59	0 34	2 48	25 28	5 26	1 31	1 0	7 11	1 5	8 17	1 50	9 2	0 32	17 45	0 8	9 46	16 50	11 40	11 57	7 8	12 42	0 57
W18	13 16	18 43	3 9	0 51	2 52	25 22	5 23	1 49	1 0	7 16	1 5	8 15	1 50	9 3	0 32	17 44	0 8	9 45	16 50	11 41	11 58	7 6	12 44	0 57
T 19	13 36	17 1	2 6	1 9	2 56	25 15	5 18	2 8	0 59	7 21	1 5	8 14	1 50	9 5	0 32	17 44	0 8	9 45	16 50	11 41	11 59	7 4	12 45	0 57
F 20	13 55	14 17	0 55	1 30	2 59	25 7	5 14	2 26	0 59	7 26	1 5	8 12	1 50	9 6	0 32	17 44	0 8	9 45	16 50	11 41	12 0	7 2	12 46	0 57
S 21	14 14	10 39	0n20	1 52	3 1	24 58	5 8	2 44	0 59	7 32	1 5	8 10	1 51	9 7	0 32	17 44	0 8	9 44	16 50	11 41	12 1	7 0	12 47	0 57
S 22	14 33	6 19	1 36	2 16	3 3	24 48	5 2	3 3	0 58	7 37	1 5	8 8	1 51	9 8	0 32	17 44	0 8	9 44	16 50	11 41	12 2	6 59	12 49	0 57
M23	14 51	1 34	2 45	2 41	3 4	24 37	4 55	3 21	0 58	7 42	1 5	8 6	1 51	9 10	0 32	17 44	0 8	9 44	16 50	11 43	12 4	6 57	12 50	0 57
T 24	15 9	3s18	3 45	3 8	3 4	24 24	4 48	3 39	0 58	7 47	1 5	8 4	1 51	9 11	0 32	17 44	0 8	9 43	16 51	11 45	12 5	6 55	12 51	0 57
W25	15 27	7 57	4 29	3 37	3 4	24 11	4 40	3 57	0 57	7 53	1 5	8 3	1 51	9 12	0 32	17 44	0 8	9 43	16 51	11 48	12 6	6 53	12 53	0 58
T 26	15 45	12 6	4 55	4 7	3 3	23 56	4 32	4 15	0 57	7 58	1 5	8 1	1 52	9 13	0 32	17 44	0 8	9 43	16 51	11 51	12 7	6 51	12 54	0 58
F 27	16 2	15 27	5 2	4 38	3 1	23 40	4 23	4 33	0 56	8 3	1 5	7 59	1 52	9 14	0 32	17 44	0 8	9 42	16 51	11 55	12 8	6 50	12 55	0 58
S 28	16 20	17 50	4 50	5 10	2 59	23 23	4 13	4 51	0 56	8 8	1 5	7 57	1 52	9 16	0 32	17 43	0 8	9 42	16 51	11 59	12 9	6 48	12 56	0 58
S 29	16 36	19 8	4 23	5 44	2 56	23 5	4 3	5 9	0 56	8 13	1 5	7 56	1 52	9 17	0 32	17 43	0 8	9 42	16 51	12 2	12 10	6 46	12 57	0 58
M30	16n53	19s21	3n42	6n19	2s52	22n46	3n52	5n27	0s55	8n18	1s 5	7s54	1s52	9n18	0s32	17s43	0s 8	9s41	16s52	12n 4	12n11	6s44	12n59	0s58

Julian Day Number = 2213139.5, Delta T = 09m13s
Ecliptic obliquity = 23°31'19, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°38'08, Lahiri = 14°45'09 Julian Calendar 1 Apr. 1347 == Greg. Calendar 9 Apr. 1347

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ASTRODIENST EPHEMERIS for the year 1347
geocentric

MAY 1347 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	15 5 11	17♉39'39	23♊55	24♈28	24°R10	16♈42	24♈ 9	14♓27	25♈18	10♒47	14♈50	28°R20	28♌ 1	16♓58	7♉ 3	T 1
W 2	15 9 7	18°37'21	6♒14	25°58	23♉34	17°28	24°23	14°31	25°21	10°47	14°51	28♌18	27°57	17° 5	7° 7	W 2
T 3	15 13 4	19°35'03	18°18	27°30	22°57	18°13	24°37	14°36	25°24	10°47	14°52	28°D17	27°54	17°12	7°11	T 3
F 4	15 17 0	20°32'43	0♓12	29° 5	22°20	18°58	24°50	14°40	25°27	10°47	14°54	28°R17	27°51	17°18	7°15	F 4
S 5	15 20 57	21°30'23	12° 0	0♉42	21°42	19°43	25° 4	14°44	25°30	10°47	14°55	28°17	27°48	17°25	7°19	S 5
S 6	15 24 54	22°28'01	23°48	2°21	21° 4	20°28	25°18	14°49	25°34	10°R47	14°56	28°15	27°45	17°32	7°23	S 6
M 7	15 28 50	23°25'38	5♈42	4° 2	20°27	21°12	25°31	14°53	25°37	10°47	14°57	28°10	27°42	17°38	7°27	M 7
T 8	15 32 47	24°23'14	17°44	5°45	19°50	21°57	25°45	14°57	25°40	10°47	14°58	28° 3	27°38	17°45	7°31	T 8
W 9	15 36 43	25°20'50	29°58	7°31	19°13	22°42	25°58	15° 1	25°43	10°47	14°59	27°53	27°35	17°52	7°35	W 9
T 10	15 40 40	26°18'24	12♉27	9°19	18°38	23°27	26°12	15° 5	25°46	10°47	15° 0	27°41	27°32	17°58	7°39	T 10
F 11	15 44 36	27°15'57	25°10	11° 9	18° 4	24°12	26°25	15° 9	25°49	10°47	15° 2	27°29	27°29	18° 5	7°43	F 11
S 12	15 48 33	28°13'29	8♊ 8	13° 1	17°31	24°56	26°38	15°12	25°52	10°46	15° 3	27°16	27°26	18°12	7°46	S 12
S 13	15 52 29	29°11'00	21°20	14°56	17° 0	25°41	26°51	15°16	25°55	10°46	15° 4	27° 4	27°22	18°18	7°50	S 13
M14	15 56 26	0♊ 8'29	4♋43	16°53	16°30	26°25	27° 5	15°20	25°58	10°46	15° 5	26°55	27°19	18°25	7°54	M14
T 15	16 0 23	1° 5'58	18°17	18°51	16° 2	27°10	27°18	15°23	26° 1	10°46	15° 6	26°48	27°16	18°32	7°58	T 15
W16	16 4 19	2° 3'25	2♌ 1	20°52	15°36	27°54	27°31	15°27	26° 4	10°45	15° 7	26°44	27°13	18°38	8° 2	W16
T 17	16 8 16	3° 0'51	15°52	22°55	15°12	28°38	27°44	15°30	26° 7	10°45	15° 8	26°43	27°10	18°45	8° 6	T 17
F 18	16 12 12	3°58'16	29°51	24°59	14°51	29°23	27°57	15°33	26°10	10°45	15° 9	26°42	27° 7	18°52	8° 9	F 18
S 19	16 16 9	4°55'39	13♍58	27° 5	14°31	0♉ 7	28°10	15°36	26°13	10°44	15°10	26°42	27° 3	18°58	8°13	S 19
S 20	16 20 5	5°53'02	28°11	29°13	14°14	0°51	28°23	15°39	26°16	10°44	15°11	26°41	27° 0	19° 5	8°17	S 20
M21	16 24 2	6°50'23	12♎29	1♊22	14° 0	1°35	28°35	15°42	26°19	10°43	15°12	26°37	26°57	19°12	8°21	M21
T 22	16 27 58	7°47'43	26°49	3°32	13°47	2°19	28°48	15°45	26°21	10°43	15°13	26°31	26°54	19°18	8°24	T 22
W23	16 31 55	8°45'02	11♏ 7	5°43	13°37	3° 3	29° 1	15°48	26°24	10°42	15°14	26°23	26°51	19°25	8°28	W23
T 24	16 35 52	9°42'20	25°17	7°54	13°30	3°47	29°13	15°51	26°27	10°42	15°15	26°12	26°47	19°32	8°32	T 24
F 25	16 39 48	10°39'37	9♐14	10° 6	13°25	4°31	29°26	15°53	26°30	10°41	15°16	26° 1	26°44	19°38	8°35	F 25
S 26	16 43 45	11°36'54	22°54	12°18	13°22	5°15	29°38	15°56	26°32	10°41	15°16	25°50	26°41	19°45	8°39	S 26
S 27	16 47 41	12°34'10	6♑14	14°30	13°D22	5°58	29°50	15°58	26°35	10°40	15°17	25°41	26°38	19°51	8°42	S 27
M28	16 51 38	13°31'25	19°12	16°41	13°24	6°42	0♉ 3	16° 1	26°37	10°39	15°18	25°33	26°35	19°58	8°46	M28
T 29	16 55 34	14°28'40	1♒50	18°52	13°28	7°26	0°15	16° 3	26°40	10°39	15°19	25°29	26°32	20° 5	8°49	T 29
W30	16 59 31	15°25'55	14° 9	21° 1	13°34	8° 9	0°27	16° 5	26°43	10°38	15°20	25°26	26°28	20°11	8°53	W30
T 31	17 3 28	16♊23'09	26♒13	23♊10	13♉43	8♉53	0♉39	16♓ 7	26♈45	10♒37	15♈20	25°D26	26♌25	20♓18	8♉56	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17n 9	18s35	2n52	6n55	2s48	22n26	3n40	5n45	0s55	8n23	1s 5	7s52	1s53	9n19	0s32	17s43	0s 8	9s41	16s52	12n 6	12n12	6s42	13n 0	0s58
W 2	17 26	16 56	1 54	7 32	2 44	22 5	3 28	6 2	0 54	8 28	1 5	7 51	1 53	9 20	0 32	17 43	0 8	9 41	16 52	12 6	12 13	6 40	13 1	0 58
T 3	17 41	14 33	0 53	8 10	2 38	21 44	3 16	6 20	0 54	8 33	1 5	7 49	1 53	9 22	0 32	17 43	0 8	9 40	16 52	12 7	12 15	6 39	13 2	0 58
F 4	17 57	11 36	0s10	8 48	2 33	21 22	3 3	6 38	0 53	8 38	1 5	7 48	1 53	9 23	0 32	17 43	0 8	9 40	16 52	12 7	12 16	6 37	13 4	0 58
S 5	18 12	8 12	1 12	9 28	2 26	20 59	2 50	6 55	0 53	8 43	1 6	7 46	1 53	9 24	0 32	17 43	0 8	9 40	16 52	12 7	12 17	6 35	13 5	0 58
S 6	18 27	4 28	2 11	10 9	2 20	20 36	2 36	7 12	0 53	8 48	1 6	7 45	1 54	9 25	0 32	17 43	0 8	9 40	16 53	12 8	12 18	6 33	13 6	0 59
M 7	18 42	0 33	3 4	10 50	2 12	20 12	2 22	7 30	0 52	8 53	1 6	7 44	1 54	9 26	0 32	17 43	0 8	9 39	16 53	12 9	12 19	6 31	13 7	0 59
T 8	18 56	3n26	3 50	11 31	2 5	19 49	2 8	7 47	0 52	8 58	1 6	7 42	1 54	9 27	0 32	17 43	0 8	9 39	16 53	12 12	12 20	6 29	13 8	0 59
W 9	19 10	7 21	4 26	12 14	1 57	19 25	1 54	8 4	0 51	9 3	1 6	7 41	1 54	9 28	0 32	17 43	0 8	9 39	16 53	12 15	12 21	6 27	13 10	0 59
T 10	19 24	11 1	4 50	12 56	1 48	19 2	1 40	8 21	0 51	9 7	1 6	7 39	1 55	9 30	0 32	17 43	0 8	9 39	16 54	12 19	12 22	6 26	13 11	0 59
F 11	19 37	14 16	5 0	13 39	1 39	18 39	1 26	8 38	0 50	9 12	1 6	7 38	1 55	9 31	0 32	17 43	0 8	9 38	16 54	12 23	12 23	6 24	13 12	0 59
S 12	19 50	16 53	4 55	14 23	1 30	18 16	1 12	8 55	0 50	9 17	1 6	7 37	1 55	9 32	0 32	17 44	0 8	9 38	16 54	12 28	12 24	6 22	13 13	0 59
S 13	20 3	18 41	4 34	15 6	1 20	17 53	0 57	9 12	0 49	9 22	1 6	7 36	1 55	9 33	0 32	17 44	0 8	9 38	16 54	12 32	12 26	6 20	13 14	0 59
M14	20 15	19 28	3 58	15 49	1 10	17 31	0 43	9 28	0 49	9 26	1 6	7 35	1 56	9 34	0 32	17 44	0 8	9 38	16 54	12 35	12 27	6 18	13 15	0 59
T 15	20 27	19 10	3 8	16 32	1 0	17 10	0 30	9 45	0 48	9 31	1 6	7 33	1 56	9 35	0 32	17 44	0 8	9 38	16 55	12 37	12 28	6 16	13 17	0 59
W16	20 39	17 43	2 7	17 15	0 49	16 49	0 16	10 1	0 48	9 36	1 6	7 32	1 56	9 36	0 32	17 44	0 8	9 38	16 55	12 39	12 29	6 15	13 18	1 0
T 17	20 50	15 14	0 57	17 57	0 38	16 30	0 3	10 17	0 47	9 40	1 6	7 31	1 56	9 37	0 32	17 44	0 8	9 37	16 55	12 39	12 30	6 13	13 19	1 0
F 18	21 1	11 49	0n17	18 38	0 28	16 11	0s11	10 34	0 47	9 45	1 6	7 30	1 56	9 38	0 32	17 44	0 8	9 37	16 55	12 39	12 31	6 11	13 20	1 0
S 19	21 12	7 43	1 30	19 18	0 17	15 53	0 23	10 50	0 46	9 49	1 6	7 29	1 57	9 39	0 32	17 44	0 8	9 37	16 56	12 39	12 32	6 9	13 21	1 0
S 20	21 22	3 9	2 38	19 57	0 6	15 36	0 36	11 6	0 46	9 54	1 6	7 28	1 57	9 40	0 32	17 44	0 8	9 37	16 56	12 40	12 33	6 7	13 22	1 0
M21	21 32	1s37	3 37	20 35	0n 5	15 20	0 48	11 22	0 45	9 58	1 6	7 27	1 57	9 41	0 32	17 45	0 9	9 37	16 56	12 41	12 34	6 5	13 23	1 0
T 22	21 41	6 18	4 22	21 11	0 15	15 5	0 59	11 37	0 45	10 3	1 7	7 26	1 57	9 42	0 32	17 45	0 9	9 37	16 57	12 43	12 35	6 3	13 24	1 0
W23	21 50	10 36	4 51	21 45	0 26	14 51	1 11	11 53	0 44	10 7	1 7	7 26	1 58	9 43	0 32	17 45	0 9	9 37	16 57	12 46	12 36	6 1	13 25	1 0
T 24	21 59	14 16	5 1	22 17	0 36	14 39	1 22	12 8	0 44	10 12	1 7	7 25	1 58	9 44	0 32	17 45	0 9	9 37	16 57	12 50	12 38	6 0	13 26	1 0
F 25	22 7	17 4	4 54	22 47	0 45	14 27	1 32	12 24	0 43	10 16	1 7	7 24	1 58	9 45	0 32	17 45	0 9	9 37	16 57	12 53	12 39	5 58	13 28	1 1
S 26	22 15	18 51	4 29	23 15	0 55	14 17	1 42	12 39	0 42	10 20	1 7	7 23	1 58	9 46	0 32	17 45	0 9	9 37	16 58	12 57	12 40	5 56	13 29	1 1
S 27	22 23	19 33	3 50	23 40	1 4	14 8	1 52	12 54	0 42	10 25	1 7	7 22	1 59	9 47	0 32	17 46	0 9	9 36	16 58	13 0	12 41	5 54	13 30	1 1
M28	22 30	19 10	3 0	24 3	1 12	13 59	2 1	13 9	0 41	10 29	1 7	7 22	1 59	9 48	0 32	17 46	0 9	9 36	16 58	13 3	12 42	5 52	13 31	1 1
T 29	22 37	17 50	2 2	24 22	1 19	13 52	2 10	13 24	0 41	10 33	1 7	7 21	1 59	9 49	0 32	17 46	0 9	9 36	16 58	13 4	12 43	5 50	13 32	1 1
W30	22 43	15 41	1 0	24 39	1 27	13 46	2 18	13 38	0 40	10 37	1 7	7 21	2 0	9 50	0 32	17 46	0 9	9 36	16 59	13 5	12 44	5 48	13 33	1 1
T 31	22n49	12s53	0s 4	24n53	1n33	13n41	2s26	13n53	0s40	10n41	1s 7	7s20	2s 0	9n51	0s32	17s46	0s 9	9s36	16s59	13n 5	12n45	5s46	13n34	1s 1

Julian Day Number = 2213169.5, Delta T = 09m13s
Ecliptic obliquity = 23°31'19, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°38'12, Lahiri = 14°45'13 Julian Calendar 1 May 1347 == Greg. Calendar 9 May 1347

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ASTRODIENST EPHEMERIS for the year 1347
geocentric

JUNE 1347 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	17 7 24	17♊20'23	8♓ 8	25♊17	13♉54	9♉36	0♉51	16♓ 9	26♈48	10°R36	15♈21	25♌26	26♌22	20♓25	9♉ 0	F 1
S 2	17 11 21	18°17'37	19°57	27°22	14° 7	10°20	1° 3	16°11	26°50	10♒35	15°22	25°R26	26°19	20°31	9° 3	S 2
S 3	17 15 17	19°14'50	1♈47	29°26	14°21	11° 3	1°15	16°13	26°52	10°35	15°23	25°26	26°16	20°38	9° 6	S 3
M 4	17 19 14	20°12'03	13°43	1♋28	14°38	11°46	1°27	16°14	26°55	10°34	15°23	25°23	26°13	20°45	9°10	M 4
T 5	17 23 10	21° 9'17	25°50	3°28	14°57	12°29	1°38	16°16	26°57	10°33	15°24	25°18	26° 9	20°51	9°13	T 5
W 6	17 27 7	22° 6'30	8♉11	5°26	15°17	13°13	1°50	16°17	26°59	10°32	15°25	25°11	26° 6	20°58	9°16	W 6
T 7	17 31 3	23° 3'43	20°49	7°22	15°40	13°56	2° 1	16°19	27° 2	10°31	15°25	25° 2	26° 3	21° 5	9°19	T 7
F 8	17 35 0	24° 0'55	3♊46	9°16	16° 4	14°39	2°13	16°20	27° 4	10°30	15°26	24°52	26° 0	21°11	9°23	F 8
S 9	17 38 57	24°58'08	17° 2	11° 8	16°29	15°22	2°24	16°21	27° 6	10°29	15°27	24°42	25°57	21°18	9°26	S 9
S 10	17 42 53	25°55'21	0♋35	12°58	16°56	16° 5	2°35	16°22	27° 8	10°28	15°27	24°32	25°53	21°25	9°29	S 10
M11	17 46 50	26°52'33	14°23	14°45	17°25	16°47	2°46	16°23	27°10	10°27	15°28	24°25	25°50	21°31	9°32	M11
T 12	17 50 46	27°49'45	28°21	16°31	17°55	17°30	2°57	16°24	27°13	10°26	15°28	24°20	25°47	21°38	9°35	T 12
W13	17 54 43	28°46'57	12♌27	18°14	18°27	18°13	3° 8	16°25	27°15	10°25	15°29	24°17	25°44	21°45	9°38	W13
T 14	17 58 39	29°44'08	26°37	19°55	19° 0	18°55	3°19	16°25	27°17	10°24	15°30	24°D17	25°41	21°51	9°41	T 14
F 15	18 2 36	0♋41'19	10♍48	21°34	19°34	19°38	3°30	16°26	27°19	10°23	15°30	24°18	25°38	21°58	9°44	F 15
S 16	18 6 32	1°38'30	24°59	23°11	20° 9	20°20	3°41	16°26	27°20	10°21	15°31	24°R18	25°34	22° 5	9°47	S 16
S 17	18 10 29	2°35'40	9♎ 8	24°45	20°46	21° 3	3°51	16°27	27°22	10°20	15°31	24°18	25°31	22°11	9°50	S 17
M18	18 14 26	3°32'50	23°14	26°18	21°24	21°45	4° 2	16°27	27°24	10°19	15°31	24°17	25°28	22°18	9°52	M18
T 19	18 18 22	4°30'00	7♏14	27°48	22° 3	22°27	4°12	16°27	27°26	10°18	15°32	24°13	25°25	22°25	9°55	T 19
W20	18 22 19	5°27'09	21° 8	29°16	22°43	23°10	4°22	16°R27	27°28	10°17	15°32	24° 7	25°22	22°31	9°58	W20
T 21	18 26 15	6°24'19	4♐52	0♌41	23°24	23°52	4°32	16°27	27°29	10°15	15°33	24° 0	25°19	22°38	10° 1	T 21
F 22	18 30 12	7°21'29	18°23	2° 4	24° 6	24°34	4°42	16°27	27°31	10°14	15°33	23°53	25°15	22°45	10° 3	F 22
S 23	18 34 8	8°18'39	1♑41	3°25	24°49	25°16	4°52	16°27	27°33	10°13	15°33	23°45	25°12	22°51	10° 6	S 23
S 24	18 38 5	9°15'49	14°42	4°44	25°32	25°58	5° 2	16°27	27°34	10°11	15°34	23°39	25° 9	22°58	10° 8	S 24
M25	18 42 1	10°12'59	27°26	6° 0	26°17	26°40	5°12	16°26	27°36	10°10	15°34	23°34	25° 6	23° 5	10°11	M25
T 26	18 45 58	11°10'10	9♒54	7°14	27° 3	27°21	5°21	16°26	27°37	10° 9	15°34	23°31	25° 3	23°11	10°13	T 26
W27	18 49 55	12° 7'21	22° 8	8°25	27°49	28° 3	5°30	16°25	27°39	10° 7	15°34	23°D30	24°59	23°18	10°16	W27
T 28	18 53 51	13° 4'32	4♓10	9°34	28°37	28°45	5°40	16°24	27°40	10° 6	15°35	23°31	24°56	23°25	10°18	T 28
F 29	18 57 48	14° 1'44	16° 3	10°39	29°25	29°26	5°49	16°23	27°42	10° 4	15°35	23°32	24°53	23°31	10°20	F 29
S 30	19 1 44	14♋58'57	27♓53	11♌43	0♊14	0♊ 8	5♉58	16♓22	27♈43	10♒ 3	15♈35	23♌34	24♌50	23♓38	10♉23	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22n55	9s35	1s 7	25n 5	1n39	13n37	2s33	14n 7	0s39	10n45	1s 7	7s19	2s 0	9n52	0s32	17s47	0s 9	9s36	16s59	13n 5	12n46	5s44	13n35	1s 1
S 2	23 0	5 56	2 7	25 13	1 43	13 34	2 40	14 22	0 38	10 49	1 8	7 19	2 0	9 53	0 32	17 47	0 9	9 36	17 0	13 5	12 47	5 43	13 36	1 1
S 3	23 5	2 3	3 1	25 19	1 48	13 32	2 47	14 36	0 38	10 53	1 8	7 19	2 1	9 53	0 32	17 47	0 9	9 36	17 0	13 5	12 48	5 41	13 36	1 2
M 4	23 9	1n56	3 48	25 22	1 51	13 31	2 53	14 50	0 37	10 57	1 8	7 18	2 1	9 54	0 32	17 47	0 9	9 36	17 0	13 6	12 49	5 39	13 37	1 2
T 5	23 14	5 54	4 25	25 22	1 54	13 31	2 59	15 4	0 36	11 1	1 8	7 18	2 1	9 55	0 32	17 48	0 9	9 36	17 1	13 8	12 51	5 37	13 38	1 2
W 6	23 17	9 41	4 51	25 20	1 56	13 32	3 5	15 17	0 36	11 5	1 8	7 17	2 1	9 56	0 32	17 48	0 9	9 36	17 1	13 10	12 52	5 35	13 39	1 2
T 7	23 20	13 8	5 3	25 16	1 57	13 33	3 10	15 31	0 35	11 9	1 8	7 17	2 2	9 57	0 32	17 48	0 9	9 36	17 1	13 13	12 53	5 33	13 40	1 2
F 8	23 23	16 3	5 1	25 9	1 58	13 35	3 15	15 44	0 35	11 13	1 8	7 17	2 2	9 57	0 32	17 48	0 9	9 37	17 2	13 17	12 54	5 31	13 41	1 2
S 9	23 26	18 13	4 42	25 0	1 58	13 38	3 20	15 57	0 34	11 17	1 8	7 17	2 2	9 58	0 32	17 49	0 9	9 37	17 2	13 20	12 55	5 29	13 42	1 2
S 10	23 28	19 24	4 7	24 50	1 57	13 42	3 24	16 10	0 33	11 21	1 8	7 16	2 2	9 59	0 33	17 49	0 9	9 37	17 2	13 23	12 56	5 27	13 43	1 2
M11	23 29	19 29	3 17	24 37	1 55	13 46	3 28	16 23	0 33	11 24	1 9	7 16	2 3	10 0	0 33	17 49	0 9	9 37	17 3	13 26	12 57	5 26	13 44	1 3
T 12	23 30	18 22	2 14	24 22	1 53	13 51	3 31	16 36	0 32	11 28	1 9	7 16	2 3	10 1	0 33	17 50	0 9	9 37	17 3	13 27	12 58	5 24	13 45	1 3
W13	23 31	16 7	1 3	24 6	1 50	13 56	3 35	16 49	0 31	11 32	1 9	7 16	2 3	10 1	0 33	17 50	0 9	9 37	17 3	13 28	12 59	5 22	13 45	1 3
T 14	23 31	12 53	0n13	23 48	1 47	14 2	3 38	17 1	0 31	11 35	1 9	7 16	2 3	10 2	0 33	17 50	0 9	9 37	17 4	13 28	13 0	5 20	13 46	1 3
F 15	23 31	8 54	1 28	23 29	1 43	14 9	3 40	17 13	0 30	11 39	1 9	7 16	2 4	10 3	0 33	17 51	0 9	9 37	17 4	13 28	13 1	5 18	13 47	1 3
S 16	23 31	4 24	2 37	23 8	1 38	14 16	3 43	17 25	0 29	11 42	1 9	7 16	2 4	10 3	0 33	17 51	0 9	9 37	17 4	13 28	13 2	5 16	13 48	1 3
S 17	23 30	0s18	3 37	22 47	1 33	14 23	3 45	17 37	0 29	11 46	1 9	7 16	2 4	10 4	0 33	17 51	0 9	9 37	17 5	13 28	13 3	5 14	13 49	1 3
M18	23 28	4 58	4 24	22 24	1 27	14 31	3 47	17 49	0 28	11 49	1 9	7 16	2 4	10 5	0 33	17 52	0 9	9 38	17 5	13 28	13 5	5 12	13 49	1 3
T 19	23 27	9 20	4 54	22 0	1 21	14 40	3 49	18 0	0 27	11 52	1 10	7 17	2 5	10 5	0 33	17 52	0 9	9 38	17 5	13 30	13 6	5 10	13 50	1 4
W20	23 25	13 10	5 7	21 35	1 14	14 48	3 50	18 12	0 27	11 56	1 10	7 17	2 5	10 6	0 33	17 52	0 9	9 38	17 6	13 32	13 7	5 8	13 51	1 4
T 21	23 22	16 13	5 2	21 10	1 7	14 57	3 51	18 23	0 26	11 59	1 10	7 17	2 5	10 6	0 33	17 53	0 9	9 38	17 6	13 34	13 8	5 6	13 51	1 4
F 22	23 19	18 22	4 40	20 44	0 59	15 6	3 52	18 34	0 25	12 2	1 10	7 17	2 6	10 7	0 33	17 53	0 9	9 38	17 6	13 36	13 9	5 4	13 52	1 4
S 23	23 16	19 27	4 3	20 17	0 51	15 16	3 53	18 45	0 25	12 5	1 10	7 18	2 6	10 8	0 33	17 53	0 9	9 38	17 7	13 39	13 10	5 3	13 53	1 4
S 24	23 12	19 29	3 14	19 50	0 42	15 26	3 53	18 56	0 24	12 8	1 10	7 18	2 6	10 8	0 33	17 54	0 9	9 39	17 7	13 41	13 11	5 1	13 53	1 4
M25	23 8	18 31	2 17	19 22	0 33	15 36	3 54	19 6	0 23	12 12	1 10	7 19	2 6	10 9	0 33	17 54	0 9	9 39	17 7	13 43	13 12	4 59	13 54	1 4
T 26	23 3	16 39	1 13	18 54	0 23	15 46	3 54	19 16	0 22	12 15	1 10	7 19	2 7	10 9	0 33	17 55	0 9	9 39	17 8	13 44	13 13	4 57	13 55	1 5
W27	22 58	14 4	0 7	18 26	0 13	15 57	3 54	19 26	0 22	12 18	1 11	7 19	2 7	10 10	0 33	17 55	0 9	9 39	17 8	13 44	13 14	4 55	13 55	1 5
T 28	22 53	10 55	0s58	17 58	0 3	16 7	3 54	19 36	0 21	12 21	1 11	7 20	2 7	10 10	0 33	17 55	0 9	9 40	17 8	13 44	13 15	4 53	13 56	1 5
F 29	22 47	7 21	2 0	17 30	0s 8	16 18	3 53	19 46	0 20	12 23	1 11	7 21	2 7	10 11	0 33	17 56	0 9	9 40	17 9	13 43	13 16	4 51	13 57	1 5
S 30	22n41	3s32	2s56	17n 2	0s19	16n28	3s53	19n56	0s20	12n26	1s11	7s21	2s 8	10n11	0s33	17s56	0s 9	9s40	17s 9	13n43	13n17	4s49	13n57	1s 5

Julian Day Number = 2213200.5, Delta T = 09m13s
Ecliptic obliquity = 23°31'18, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°38'17, Lahiri = 14°45'17 Julian Calendar 1 June 1347 == Greg. Calendar 9 June 1347

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ASTRODIENST EPHEMERIS for the year 1347
geocentric

JULY 1347 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	19 5 41	15♋56'10	9♈43	12♌43	1♊ 3	0♊49	6♉ 7	16°R21	27♈44	10°R 2	15♈35	23♌35	24♌47	23♓45	10♉25	S 1
M 2	19 9 37	16°53'24	21°40	13°40	1°53	1°31	6°16	16♓20	27°45	10♒ 0	15°35	23°R35	24°44	23°51	10°27	M 2
T 3	19 13 34	17°50'39	3♉48	14°34	2°44	2°12	6°24	16°19	27°47	9°59	15°36	23°34	24°40	23°58	10°29	T 3
W 4	19 17 30	18°47'55	16°11	15°25	3°36	2°53	6°33	16°18	27°48	9°57	15°36	23°31	24°37	24° 5	10°31	W 4
T 5	19 21 27	19°45'12	28°53	16°13	4°28	3°34	6°41	16°16	27°49	9°56	15°36	23°27	24°34	24°11	10°33	T 5
F 6	19 25 24	20°42'29	11♊57	16°57	5°21	4°15	6°50	16°15	27°50	9°54	15°36	23°22	24°31	24°18	10°35	F 6
S 7	19 29 20	21°39'48	25°24	17°38	6°14	4°56	6°58	16°13	27°51	9°53	15°36	23°17	24°28	24°25	10°37	S 7
S 8	19 33 17	22°37'07	9♋12	18°15	7° 8	5°37	7° 6	16°12	27°52	9°51	15°R36	23°13	24°25	24°31	10°39	S 8
M 9	19 37 13	23°34'27	23°20	18°48	8° 3	6°18	7°14	16°10	27°53	9°50	15°36	23° 9	24°21	24°38	10°41	M 9
T 10	19 41 10	24°31'48	7♌42	19°16	8°57	6°59	7°22	16° 8	27°53	9°48	15°36	23° 7	24°18	24°45	10°42	T 10
W11	19 45 6	25°29'09	22°14	19°41	9°53	7°40	7°29	16° 6	27°54	9°46	15°36	23°D 6	24°15	24°51	10°44	W11
T 12	19 49 3	26°26'31	6♍48	20° 1	10°49	8°20	7°37	16° 4	27°55	9°45	15°36	23° 7	24°12	24°58	10°46	T 12
F 13	19 52 59	27°23'54	21°21	20°16	11°45	9° 1	7°44	16° 2	27°56	9°43	15°36	23° 8	24° 9	25° 5	10°47	F 13
S 14	19 56 56	28°21'17	5♎46	20°26	12°42	9°41	7°51	15°59	27°56	9°42	15°36	23° 9	24° 5	25°11	10°49	S 14
S 15	20 0 53	29°18'40	20° 2	20°32	13°39	10°22	7°58	15°57	27°57	9°40	15°35	23°10	24° 2	25°18	10°50	S 15
M16	20 4 49	0♌16'05	4♏ 6	20°R32	14°37	11° 2	8° 5	15°55	27°57	9°38	15°35	23°R10	23°59	25°25	10°52	M16
T 17	20 8 46	1°13'30	17°57	20°27	15°35	11°42	8°12	15°52	27°58	9°37	15°35	23°10	23°56	25°31	10°53	T 17
W18	20 12 42	2°10'56	1♐33	20°17	16°34	12°22	8°18	15°49	27°58	9°35	15°35	23° 8	23°53	25°38	10°54	W18
T 19	20 16 39	3° 8'22	14°55	20° 2	17°32	13° 2	8°24	15°47	27°59	9°34	15°35	23° 5	23°50	25°45	10°56	T 19
F 20	20 20 35	4° 5'49	28° 3	19°41	18°32	13°42	8°31	15°44	27°59	9°32	15°34	23° 3	23°46	25°51	10°57	F 20
S 21	20 24 32	5° 3'18	10♑57	19°16	19°31	14°22	8°37	15°41	28° 0	9°30	15°34	23° 0	23°43	25°58	10°58	S 21
S 22	20 28 28	6° 0'47	23°37	18°45	20°31	15° 2	8°43	15°38	28° 0	9°29	15°34	22°58	23°40	26° 5	10°59	S 22
M23	20 32 25	6°58'17	6♒ 5	18°10	21°32	15°42	8°48	15°35	28° 0	9°27	15°34	22°56	23°37	26°11	11° 0	M23
T 24	20 36 22	7°55'49	18°20	17°30	22°32	16°21	8°54	15°32	28° 0	9°25	15°33	22°D56	23°34	26°18	11° 1	T 24
W25	20 40 18	8°53'21	0♓25	16°47	23°33	17° 1	8°59	15°29	28° 0	9°24	15°33	22°56	23°31	26°25	11° 2	W25
T 26	20 44 15	9°50'55	12°22	16° 1	24°35	17°40	9° 5	15°26	28° 0	9°22	15°33	22°56	23°27	26°31	11° 3	T 26
F 27	20 48 11	10°48'30	24°13	15°13	25°36	18°20	9°10	15°22	28°R 0	9°21	15°32	22°58	23°24	26°38	11° 3	F 27
S 28	20 52 8	11°46'07	6♈ 2	14°23	26°38	18°59	9°15	15°19	28° 0	9°19	15°32	22°59	23°21	26°45	11° 4	S 28
S 29	20 56 4	12°43'45	17°53	13°33	27°41	19°38	9°19	15°15	28° 0	9°17	15°31	23° 0	23°18	26°51	11° 5	S 29
M30	21 0 1	13°41'25	29°49	12°43	28°43	20°18	9°24	15°12	28° 0	9°16	15°31	23° 0	23°15	26°58	11° 5	M30
T 31	21 3 57	14♌39'06	11♉56	11♌54	29♊46	20♊57	9♉28	15♓ 8	28♈ 0	9♒14	15♈31	23°R 1	23♌11	27♓ 5	11♉ 6	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	22n34	0n25	3s45	16n34	0s30	16n39	3s52	20n 5	0s19	12n29	1s11	7s22	2s 8	10n12	0s33	17s56	0s 9	9s40	17s 9	13n42	13n18	4s47	13n58	1s 5	
M 2	22 27	4 22	4 25	16 6	0 42	16 50	3 51	20 14	0 18	12 32	1 11	7 23	2 8	10 12	0 33	17 57	0 9	9 41	17 10	13 42	13 19	4 45	13 58	1 5	
T 3	22 20	8 13	4 54	15 39	0 54	17 1	3 50	20 23	0 17	12 35	1 12	7 23	2 8	10 12	0 33	17 57	0 9	9 41	17 10	13 43	13 21	4 43	13 59	1 6	
W 4	22 12	11 47	5 10	15 13	1 6	17 12	3 49	20 32	0 17	12 37	1 12	7 24	2 9	10 13	0 33	17 58	0 9	9 41	17 11	13 44	13 22	4 41	13 59	1 6	
T 5	22 4	14 55	5 11	14 46	1 19	17 23	3 48	20 41	0 16	12 40	1 12	7 25	2 9	10 13	0 33	17 58	0 9	9 41	17 11	13 45	13 23	4 39	14 0	1 6	
F 6	21 55	17 25	4 56	14 21	1 32	17 34	3 46	20 49	0 15	12 42	1 12	7 26	2 9	10 13	0 33	17 59	0 9	9 42	17 11	13 47	13 24	4 37	14 0	1 6	
S 7	21 46	19 2	4 25	13 57	1 45	17 44	3 44	20 58	0 14	12 45	1 12	7 26	2 9	10 14	0 33	17 59	0 9	9 42	17 12	13 48	13 25	4 35	14 1	1 6	
S 8	21 37	19 35	3 38	13 33	1 58	17 55	3 43	21 6	0 14	12 47	1 12	7 27	2 10	10 14	0 33	17 59	0 9	9 42	17 12	13 50	13 26	4 33	14 1	1 6	
M 9	21 27	18 56	2 36	13 10	2 11	18 5	3 41	21 14	0 13	12 50	1 12	7 28	2 10	10 14	0 33	18 0	0 9	9 43	17 12	13 51	13 27	4 31	14 2	1 6	
T 10	21 17	17 4	1 24	12 49	2 24	18 16	3 39	21 21	0 12	12 52	1 13	7 29	2 10	10 15	0 33	18 0	0 9	9 43	17 13	13 52	13 28	4 30	14 2	1 7	
W11	21 7	14 4	0 5	12 29	2 37	18 26	3 37	21 29	0 11	12 55	1 13	7 30	2 10	10 15	0 33	18 1	0 9	9 43	17 13	13 52	13 29	4 28	14 2	1 7	
T 12	20 56	10 12	1n15	12 10	2 50	18 36	3 34	21 36	0 10	12 57	1 13	7 31	2 11	10 15	0 33	18 1	0 9	9 44	17 13	13 52	13 30	4 26	14 3	1 7	
F 13	20 45	5 44	2 29	11 53	3 3	18 46	3 32	21 43	0 10	12 59	1 13	7 32	2 11	10 15	0 33	18 2	0 9	9 44	17 14	13 51	13 31	4 24	14 3	1 7	
S 14	20 34	0 58	3 34	11 38	3 15	18 56	3 30	21 50	0 9	13 1	1 13	7 33	2 11	10 16	0 33	18 2	0 9	9 44	17 14	13 51	13 32	4 22	14 3	1 7	
S 15	20 22	3s47	4 24	11 25	3 28	19 6	3 27	21 57	0 8	13 3	1 13	7 35	2 11	10 16	0 33	18 2	0 9	9 45	17 14	13 50	13 33	4 20	14 4	1 7	
M16	20 10	8 15	4 58	11 13	3 40	19 15	3 24	22 3	0 7	13 5	1 14	7 36	2 12	10 16	0 33	18 3	0 9	9 45	17 15	13 50	13 34	4 18	14 4	1 8	
T 17	19 57	12 13	5 14	11 4	3 51	19 24	3 22	22 10	0 6	13 7	1 14	7 37	2 12	10 16	0 33	18 3	0 9	9 46	17 15	13 51	13 35	4 16	14 4	1 8	
W18	19 45	15 27	5 12	10 57	4 2	19 33	3 19	22 16	0 6	13 9	1 14	7 38	2 12	10 16	0 33	18 4	0 9	9 46	17 15	13 51	13 36	4 14	14 5	1 8	
T 19	19 31	17 49	4 53	10 52	4 12	19 41	3 16	22 22	0 5	13 11	1 14	7 39	2 12	10 16	0 33	18 4	0 9	9 46	17 16	13 52	13 37	4 12	14 5	1 8	
F 20	19 18	19 12	4 18	10 50	4 21	19 49	3 13	22 27	0 4	13 13	1 14	7 41	2 12	10 17	0 33	18 5	0 9	9 47	17 16	13 53	13 39	4 10	14 5	1 8	
S 21	19 4	19 33	3 32	10 50	4 29	19 57	3 10	22 33	0 3	13 15	1 15	7 42	2 13	10 17	0 33	18 5	0 9	9 47	17 16	13 54	13 40	4 8	14 5	1 8	
S 22	18 50	18 54	2 35	10 53	4 36	20 5	3 6	22 38	0 2	13 16	1 15	7 43	2 13	10 17	0 33	18 6	0 9	9 48	17 17	13 55	13 41	4 6	14 5	1 8	
M23	18 36	17 20	1 32	10 59	4 41	20 12	3 3	22 44	0 2	13 18	1 15	7 45	2 13	10 17	0 33	18 6	0 9	9 48	17 17	13 55	13 42	4 4	14 6	1 9	
T 24	18 21	14 59	0 25	11 7	4 45	20 19	3 0	22 49	0 1	13 20	1 15	7 46	2 13	10 17	0 33	18 6	0 9	9 48	17 17	13 55	13 43	4 2	14 6	1 9	
W25	18 6	12 0	0s41	11 17	4 48	20 26	2 56	22 53	0n 0	13 21	1 15	7 48	2 13	10 17	0 33	18 7	0 9	9 49	17 18	13 55	13 44	4 0	14 6	1 9	
T 26	17 51	8 34	1 46	11 30	4 48	20 32	2 53	22 58	0 1	13 23	1 15	7 49	2 14	10 17	0 33	18 7	0 9	9 49	17 18	13 55	13 45	3 58	14 6	1 9	
F 27	17 35	4 49	2 45	11 45	4 47	20 38	2 49	23 2	0 2	13 24	1 16	7 50	2 14	10 17	0 33	18 8	0 9	9 50	17 18	13 55	13 46	3 56	14 6	1 9	
S 28	17 19	0 55	3 37	12 2	4 44	20 43	2 46	23 6	0 3	13 26	1 16	7 52	2 14	10 17	0 33	18 8	0 9	9 50	17 19	13 54	13 47	3 54	14 6	1 9	
S 29	17 3	3n 2	4 20	12 21	4 39	20 48	2 42	23 10	0 4	13 27	1 16	7 53	2 14	10 17	0 34	18 9	0 9	9 51	17 19	13 54	13 48	3 52	14 6	1 10	
M30	16 46	6 53	4 52	12 41	4 33	20 53	2 38	23 14	0 4	13 28	1 16	7 55	2 14	10 17	0 34	18 9	0 10	9 51	17 19	13 54	13 49	3 50	14 6	1 10	
T 31	16n30	10n31	5s12	13n 3	4s24	20n57	2s35	23n18	0n 5	13n29	1s16	7s57	2s15	10n17	0s34	18s10	0s10	9s52	17s20	13n54	13n50	3s48	14n 6	1s10	

Julian Day Number = 2213230.5, Delta T = 09m12s
Ecliptic obliquity = 23°31'18, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°38'21, Lahiri = 14°45'21 Julian Calendar 1 July 1347 == Greg. Calendar 9 July 1347

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ASTRODIENST EPHEMERIS for the year 1347
geocentric

AUGUST 1347 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	21 7 54	15♌36'49	24♉17	11°R 8	0♋49	21♊36	9♉32	15°R 5	28°R 0	9°R12	15°R30	23°R 1	23♌ 8	27♓11	11♉ 6	W 1
T 2	21 11 51	16°34'33	6♊57	10♌25	1°53	22°15	9°36	15♓ 1	27♈59	9♒11	15♈30	23♌ 0	23° 5	27°18	11° 7	T 2
F 3	21 15 47	17°32'20	20° 0	9°47	2°56	22°53	9°40	14°57	27°59	9° 9	15°29	23° 0	23° 2	27°25	11° 7	F 3
S 4	21 19 44	18°30'08	3♋28	9°13	4° 0	23°32	9°44	14°53	27°59	9° 8	15°28	22°59	22°59	27°31	11° 8	S 4
S 5	21 23 40	19°27'58	17°22	8°46	5° 5	24°11	9°47	14°49	27°58	9° 6	15°28	22°59	22°56	27°38	11° 8	S 5
M 6	21 27 37	20°25'49	1♌40	8°25	6° 9	24°49	9°51	14°45	27°58	9° 4	15°27	22°58	22°52	27°45	11° 8	M 6
T 7	21 31 33	21°23'42	16°17	8°11	7°14	25°28	9°54	14°41	27°57	9° 3	15°27	22°D58	22°49	27°51	11° 8	T 7
W 8	21 35 30	22°21'37	1♍ 9	8°D 4	8°18	26° 6	9°57	14°37	27°57	9° 1	15°26	22°58	22°46	27°58	11°R 8	W 8
T 9	21 39 26	23°19'32	16° 7	8° 5	9°24	26°44	9°59	14°33	27°56	9° 0	15°26	22°R58	22°43	28° 5	11° 8	T 9
F 10	21 43 23	24°17'30	1♎ 3	8°15	10°29	27°23	10° 2	14°29	27°55	8°58	15°25	22°58	22°40	28°11	11° 8	F 10
S 11	21 47 20	25°15'29	15°50	8°32	11°34	28° 1	10° 4	14°25	27°55	8°57	15°24	22°58	22°37	28°18	11° 8	S 11
S 12	21 51 16	26°13'29	0♏22	8°58	12°40	28°39	10° 6	14°21	27°54	8°55	15°24	22°58	22°33	28°25	11° 8	S 12
M13	21 55 13	27°11'30	14°34	9°31	13°46	29°17	10° 8	14°16	27°53	8°53	15°23	22°58	22°30	28°31	11° 8	M13
T 14	21 59 9	28° 9'33	28°24	10°13	14°52	29°54	10°10	14°12	27°52	8°52	15°22	22°D57	22°27	28°38	11° 7	T 14
W15	22 3 6	29° 7'37	11♐54	11° 2	15°59	0♋32	10°12	14° 8	27°51	8°50	15°21	22°58	22°24	28°45	11° 7	W15
T 16	22 7 2	0♍ 5'43	25° 3	11°59	17° 5	1°10	10°13	14° 3	27°50	8°49	15°21	22°58	22°21	28°51	11° 6	T 16
F 17	22 10 59	1° 3'50	7♑54	13° 2	18°12	1°47	10°14	13°59	27°49	8°47	15°20	22°59	22°17	28°58	11° 6	F 17
S 18	22 14 55	2° 1'59	20°30	14°13	19°19	2°25	10°15	13°54	27°48	8°46	15°19	23° 0	22°14	29° 5	11° 5	S 18
S 19	22 18 52	3° 0'10	2♒52	15°29	20°26	3° 2	10°16	13°50	27°47	8°44	15°18	23° 0	22°11	29°11	11° 5	S 19
M20	22 22 49	3°58'21	15° 4	16°52	21°33	3°39	10°17	13°45	27°46	8°43	15°18	23° 1	22° 8	29°18	11° 4	M20
T 21	22 26 45	4°56'35	27° 7	18°19	22°41	4°16	10°17	13°41	27°45	8°42	15°17	23°R 1	22° 5	29°25	11° 3	T 21
W22	22 30 42	5°54'50	9♓ 4	19°51	23°48	4°53	10°R17	13°36	27°44	8°40	15°16	23° 0	22° 2	29°31	11° 3	W22
T 23	22 34 38	6°53'07	20°56	21°27	24°56	5°30	10°17	13°32	27°42	8°39	15°15	22°59	21°58	29°38	11° 2	T 23
F 24	22 38 35	7°51'27	2♈45	23° 7	26° 4	6° 7	10°17	13°27	27°41	8°37	15°14	22°57	21°55	29°45	11° 1	F 24
S 25	22 42 31	8°49'48	14°35	24°50	27°12	6°44	10°16	13°22	27°40	8°36	15°13	22°55	21°52	29°51	11° 0	S 25
S 26	22 46 28	9°48'11	26°27	26°36	28°20	7°20	10°16	13°18	27°38	8°35	15°12	22°52	21°49	29°58	10°59	S 26
M27	22 50 24	10°46'36	8♉24	28°23	29°29	7°57	10°15	13°13	27°37	8°33	15°12	22°50	21°46	0♈ 5	10°58	M27
T 28	22 54 21	11°45'03	20°31	0♍13	0♌37	8°33	10°14	13° 9	27°35	8°32	15°11	22°48	21°42	0°11	10°57	T 28
W29	22 58 17	12°43'32	2♊50	2° 3	1°46	9° 9	10°13	13° 4	27°34	8°31	15°10	22°47	21°39	0°18	10°56	W29
T 30	23 2 14	13°42'04	15°26	3°55	2°55	9°45	10°11	12°59	27°32	8°29	15° 9	22°D46	21°36	0°25	10°54	T 30
F 31	23 6 11	14♍40'38	28♊23	5♍47	4♌ 4	10♋21	10♉10	12♓55	27♈31	8♒28	15♈ 8	22♌47	21♌33	0♈31	10♉53	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	16n13	13n47	5s17	13n25	4s14	21n 0	2s31	23n21	0n 6	13n30	1s17	7s58	2s15	10n16	0s34	18s10	0s10	9s52	17s20	13n54	13n51	3s46	14n 6	1s10
T 2	15 55	16 29	5 8	13 48	4 2	21 4	2 27	23 25	0 7	13 32	1 17	8 0	2 15	10 16	0 34	18 10	0 10	9 52	17 20	13 54	13 52	3 44	14 6	1 10
F 3	15 38	18 26	4 43	14 11	3 48	21 6	2 23	23 28	0 8	13 33	1 17	8 1	2 15	10 16	0 34	18 11	0 10	9 53	17 21	13 54	13 53	3 42	14 6	1 10
S 4	15 20	19 27	4 2	14 34	3 34	21 9	2 19	23 31	0 9	13 34	1 17	8 3	2 15	10 16	0 34	18 11	0 10	9 53	17 21	13 54	13 54	3 40	14 6	1 10
S 5	15 2	19 20	3 5	14 57	3 18	21 10	2 15	23 33	0 10	13 34	1 17	8 5	2 16	10 16	0 34	18 12	0 10	9 54	17 21	13 54	13 55	3 38	14 6	1 11
M 6	14 44	17 59	1 56	15 18	3 1	21 12	2 11	23 36	0 11	13 35	1 18	8 6	2 16	10 16	0 34	18 12	0 10	9 54	17 22	13 54	13 56	3 36	14 6	1 11
T 7	14 25	15 25	0 37	15 38	2 44	21 12	2 7	23 38	0 11	13 36	1 18	8 8	2 16	10 15	0 34	18 13	0 10	9 55	17 22	13 54	13 57	3 34	14 6	1 11
W 8	14 6	11 48	0n45	15 57	2 26	21 13	2 3	23 40	0 12	13 37	1 18	8 10	2 16	10 15	0 34	18 13	0 10	9 55	17 22	13 54	13 58	3 32	14 6	1 11
T 9	13 47	7 25	2 5	16 14	2 8	21 13	1 59	23 42	0 13	13 38	1 18	8 12	2 16	10 15	0 34	18 14	0 10	9 56	17 22	13 54	13 59	3 30	14 6	1 11
F 10	13 28	2 35	3 16	16 30	1 50	21 12	1 55	23 44	0 14	13 38	1 18	8 13	2 16	10 15	0 34	18 14	0 10	9 56	17 23	13 54	14 1	3 28	14 5	1 11
S 11	13 9	2s21	4 13	16 43	1 32	21 11	1 51	23 45	0 15	13 39	1 19	8 15	2 16	10 14	0 34	18 14	0 10	9 57	17 23	13 55	14 2	3 26	14 5	1 12
S 12	12 49	7 3	4 53	16 53	1 14	21 9	1 47	23 47	0 16	13 39	1 19	8 17	2 17	10 14	0 34	18 15	0 10	9 57	17 23	13 55	14 3	3 24	14 5	1 12
M13	12 29	11 15	5 14	17 1	0 57	21 6	1 43	23 48	0 17	13 40	1 19	8 19	2 17	10 14	0 34	18 15	0 10	9 58	17 23	13 55	14 4	3 22	14 5	1 12
T 14	12 9	14 44	5 16	17 6	0 40	21 4	1 38	23 49	0 18	13 40	1 19	8 20	2 17	10 14	0 34	18 16	0 10	9 58	17 24	13 55	14 5	3 20	14 4	1 12
W15	11 49	17 20	5 0	17 9	0 23	21 0	1 34	23 50	0 19	13 40	1 19	8 22	2 17	10 13	0 34	18 16	0 10	9 59	17 24	13 55	14 6	3 18	14 4	1 12
T 16	11 29	18 57	4 29	17 8	0 8	20 56	1 30	23 51	0 20	13 41	1 20	8 24	2 17	10 13	0 34	18 16	0 10	9 59	17 24	13 55	14 7	3 16	14 4	1 12
F 17	11 8	19 32	3 45	17 4	0n 7	20 52	1 26	23 51	0 21	13 41	1 20	8 26	2 17	10 12	0 34	18 17	0 10	10 0	17 25	13 54	14 8	3 14	14 4	1 13
S 18	10 47	19 8	2 51	16 57	0 21	20 47	1 22	23 52	0 22	13 41	1 20	8 28	2 17	10 12	0 34	18 17	0 10	10 0	17 25	13 54	14 9	3 12	14 3	1 13
S 19	10 26	17 49	1 49	16 47	0 34	20 41	1 17	23 52	0 23	13 41	1 20	8 30	2 17	10 12	0 34	18 18	0 10	10 1	17 25	13 54	14 10	3 10	14 3	1 13
M20	10 5	15 40	0 44	16 34	0 46	20 35	1 13	23 52	0 24	13 41	1 20	8 31	2 17	10 11	0 34	18 18	0 10	10 1	17 25	13 54	14 11	3 8	14 3	1 13
T 21	9 44	12 52	0s23	16 17	0 57	20 28	1 9	23 52	0 24	13 41	1 20	8 33	2 18	10 11	0 34	18 18	0 10	10 2	17 25	13 54	14 12	3 6	14 2	1 13
W22	9 22	9 33	1 28	15 58	1 6	20 21	1 5	23 51	0 25	13 41	1 21	8 35	2 18	10 10	0 34	18 19	0 10	10 3	17 26	13 54	14 13	3 4	14 2	1 13
T 23	9 1	5 53	2 29	15 35	1 15	20 13	1 1	23 51	0 26	13 41	1 21	8 37	2 18	10 10	0 34	18 19	0 10	10 3	17 26	13 54	14 14	3 2	14 1	1 14
F 24	8 39	2 0	3 23	15 10	1 23	20 5	0 57	23 50	0 27	13 40	1 21	8 39	2 18	10 9	0 34	18 20	0 10	10 4	17 26	13 55	14 15	3 0	14 1	1 14
S 25	8 17	1n57	4 8	14 42	1 29	19 56	0 53	23 49	0 28	13 40	1 21	8 41	2 18	10 9	0 34	18 20	0 10	10 4	17 26	13 55	14 16	2 58	14 1	1 14
S 26	7 55	5 51	4 43	14 11	1 35	19 46	0 48	23 48	0 29	13 40	1 21	8 43	2 18	10 8	0 34	18 20	0 10	10 5	17 27	13 56	14 17	2 56	14 0	1 14
M27	7 33	9 32	5 6	13 38	1 40	19 36	0 44	23 47	0 30	13 39	1 22	8 44	2 18	10 8	0 34	18 21	0 10	10 5	17 27	13 57	14 18	2 54	14 0	1 14
T 28	7 11	12 52	5 15	13 3	1 43	19 26	0 40	23 46	0 31	13 39	1 22	8 46	2 18	10 7	0 34	18 21	0 10	10 6	17 27	13 58	14 19	2 52	13 59	1 14
W29	6 48	15 43	5 11	12 26	1 46	19 15	0 36	23 45	0 32	13 38	1 22	8 48	2 18	10 7	0 34	18 21	0 10	10 6	17 27	13 58	14 20	2 50	13 59	1 14
T 30	6 26	17 54	4 51	11 47	1 48	19 3	0 32	23 43	0 33	13 37	1 22	8 50	2 18	10 6	0 34	18 22	0 10	10 7	17 27	13 58	14 21	2 48	13 58	1 15
F 31	6n 3	19n14	4s17	11n 7	1n49	18n51	0s28	23n41	0n34	13n37	1s22	8s52	2s18	10n 6	0s34	18s22	0s10	10s 7	17s28	13n58	14n22	2s46	13n57	1s15

Julian Day Number = 2213261.5, Delta T = 09m12s
Ecliptic obliquity = 23°31'19, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°38'25, Lahiri = 14°45'25 Julian Calendar 1 Aug. 1347 == Greg. Calendar 9 Aug. 1347

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ASTRODIENST EPHEMERIS for the year 1347
geocentric

SEPTEMBER 1347 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	23 10 7	15♍39'14	11♋45	7♍39	5♌13	10♋57	10°R 8	12°R50	27°R29	8°R27	15°R 7	22♌48	21♌30	0♈38	10°R52	S 1
S 2	23 14 4	16°37'53	25°32	9°31	6°23	11°33	10♉ 6	12♓45	27♈28	8♒26	15♈ 6	22°50	21°27	0°45	10♉50	S 2
M 3	23 18 0	17°36'34	9♌47	11°24	7°32	12° 9	10° 4	12°41	27°26	8°25	15° 5	22°51	21°23	0°51	10°49	M 3
T 4	23 21 57	18°35'16	24°26	13°16	8°42	12°44	10° 1	12°36	27°24	8°23	15° 4	22°R51	21°20	0°58	10°47	T 4
W 5	23 25 53	19°34'01	9♍25	15° 7	9°52	13°20	9°59	12°32	27°22	8°22	15° 3	22°51	21°17	1° 5	10°46	W 5
T 6	23 29 50	20°32'48	24°36	16°58	11° 2	13°55	9°56	12°27	27°21	8°21	15° 2	22°48	21°14	1°11	10°44	T 6
F 7	23 33 46	21°31'37	9♎50	18°49	12°12	14°30	9°53	12°22	27°19	8°20	15° 1	22°45	21°11	1°18	10°42	F 7
S 8	23 37 43	22°30'28	24°56	20°38	13°22	15° 5	9°49	12°18	27°17	8°19	15° 0	22°41	21° 8	1°25	10°41	S 8
S 9	23 41 40	23°29'21	9♏45	22°27	14°32	15°40	9°46	12°13	27°15	8°18	14°59	22°37	21° 4	1°32	10°39	S 9
M10	23 45 36	24°28'15	24°11	24°15	15°43	16°15	9°42	12° 9	27°13	8°17	14°58	22°33	21° 1	1°38	10°37	M10
T 11	23 49 33	25°27'12	8♐10	26° 2	16°53	16°50	9°39	12° 4	27°11	8°16	14°57	22°30	20°58	1°45	10°35	T 11
W12	23 53 29	26°26'10	21°42	27°49	18° 4	17°24	9°35	12° 0	27° 9	8°15	14°55	22°D29	20°55	1°52	10°33	W12
T 13	23 57 26	27°25'10	4♑48	29°34	19°15	17°59	9°31	11°56	27° 7	8°14	14°54	22°29	20°52	1°58	10°31	T 13
F 14	0 1 22	28°24'12	17°31	1♒19	20°26	18°33	9°26	11°51	27° 5	8°13	14°53	22°30	20°48	2° 5	10°29	F 14
S 15	0 5 19	29°23'15	29°57	3° 3	21°37	19° 7	9°22	11°47	27° 3	8°12	14°52	22°32	20°45	2°12	10°27	S 15
S 16	0 9 15	0♒22'20	12♒ 8	4°46	22°48	19°41	9°17	11°43	27° 1	8°11	14°51	22°33	20°42	2°18	10°25	S 16
M17	0 13 12	1°21'28	24° 9	6°28	23°59	20°15	9°12	11°38	26°59	8°11	14°50	22°R34	20°39	2°25	10°23	M17
T 18	0 17 9	2°20'37	6♓ 3	8° 9	25°10	20°49	9° 7	11°34	26°56	8°10	14°49	22°33	20°36	2°32	10°20	T 18
W19	0 21 5	3°19'48	17°54	9°50	26°22	21°22	9° 2	11°30	26°54	8° 9	14°48	22°30	20°33	2°38	10°18	W19
T 20	0 25 2	4°19'01	29°44	11°29	27°33	21°56	8°57	11°26	26°52	8° 8	14°47	22°25	20°29	2°45	10°16	T 20
F 21	0 28 58	5°18'16	11♈34	13° 8	28°45	22°29	8°51	11°22	26°50	8° 8	14°45	22°18	20°26	2°52	10°13	F 21
S 22	0 32 55	6°17'33	23°27	14°46	29°57	23° 2	8°45	11°18	26°48	8° 7	14°44	22°10	20°23	2°58	10°11	S 22
S 23	0 36 51	7°16'52	5♉24	16°24	1♍ 8	23°35	8°40	11°14	26°45	8° 6	14°43	22° 1	20°20	3° 5	10° 9	S 23
M24	0 40 48	8°16'13	17°27	18° 0	2°20	24° 8	8°34	11°10	26°43	8° 6	14°42	21°53	20°17	3°12	10° 6	M24
T 25	0 44 44	9°15'37	29°38	19°36	3°32	24°40	8°27	11° 6	26°41	8° 5	14°41	21°45	20°13	3°18	10° 4	T 25
W26	0 48 41	10°15'03	12♊ 0	21°11	4°45	25°13	8°21	11° 3	26°38	8° 5	14°40	21°40	20°10	3°25	10° 1	W26
T 27	0 52 37	11°14'32	24°36	22°46	5°57	25°45	8°15	10°59	26°36	8° 4	14°39	21°36	20° 7	3°32	9°59	T 27
F 28	0 56 34	12°14'03	7♋29	24°20	7° 9	26°17	8° 8	10°55	26°34	8° 3	14°38	21°D34	20° 4	3°38	9°56	F 28
S 29	1 0 31	13°13'36	20°42	25°53	8°22	26°49	8° 2	10°52	26°31	8° 3	14°36	21°34	20° 1	3°45	9°53	S 29
S 30	1 4 27	14♎13'11	4♌18	27♎25	9♍34	27♋21	7♉55	10♓48	26♈29	8♒ 3	14♈35	21♌35	19♌58	3♈52	9♉51	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	5n41	19n33	3s27	10n25	1n50	18n38	0s24	23n39	0n35	13n36	1s22	8s54	2s18	10n 5	0s34	18s22	0s10	10s 8	17s28	13n58	14n23	2s44	13n57	1s15
S 2	5 18	18 44	2 25	9 43	1 49	18 25	0 20	23 37	0 36	13 35	1 23	8 55	2 18	10 4	0 34	18 23	0 10	10 8	17 28	13 57	14 24	2 42	13 56	1 15
M 3	4 55	16 43	1 11	8 59	1 48	18 11	0 16	23 35	0 37	13 34	1 23	8 57	2 18	10 4	0 34	18 23	0 10	10 9	17 28	13 57	14 25	2 40	13 56	1 15
T 4	4 32	13 34	0n 9	8 14	1 47	17 57	0 13	23 33	0 39	13 34	1 23	8 59	2 18	10 3	0 34	18 23	0 10	10 9	17 28	13 57	14 26	2 38	13 55	1 15
W 5	4 9	9 27	1 30	7 29	1 44	17 42	0 9	23 30	0 40	13 33	1 23	9 1	2 18	10 3	0 34	18 24	0 10	10 10	17 28	13 57	14 27	2 36	13 54	1 16
T 6	3 46	4 41	2 46	6 43	1 42	17 27	0 5	23 28	0 41	13 31	1 23	9 3	2 18	10 2	0 34	18 24	0 10	10 10	17 29	13 58	14 28	2 34	13 54	1 16
F 7	3 22	0s23	3 50	5 57	1 39	17 11	0 1	23 25	0 42	13 30	1 23	9 4	2 18	10 1	0 34	18 24	0 10	10 11	17 29	13 59	14 29	2 32	13 53	1 16
S 8	2 59	5 23	4 37	5 11	1 35	16 54	0n 2	23 22	0 43	13 29	1 24	9 6	2 18	10 0	0 34	18 24	0 10	10 11	17 29	14 0	14 30	2 29	13 52	1 16
S 9	2 36	9 58	5 5	4 24	1 31	16 37	0 6	23 19	0 44	13 28	1 24	9 8	2 18	10 0	0 34	18 25	0 10	10 12	17 29	14 2	14 31	2 27	13 52	1 16
M10	2 12	13 50	5 13	3 37	1 27	16 20	0 10	23 16	0 45	13 27	1 24	9 10	2 18	9 59	0 34	18 25	0 10	10 12	17 29	14 3	14 32	2 25	13 51	1 16
T 11	1 49	16 47	5 1	2 50	1 22	16 2	0 13	23 13	0 46	13 25	1 24	9 11	2 18	9 58	0 34	18 25	0 10	10 13	17 29	14 4	14 33	2 23	13 50	1 16
W12	1 25	18 43	4 33	2 3	1 17	15 44	0 17	23 10	0 47	13 24	1 24	9 13	2 18	9 58	0 34	18 25	0 10	10 14	17 29	14 4	14 34	2 21	13 50	1 17
T 13	1 2	19 35	3 52	1 16	1 11	15 25	0 20	23 6	0 48	13 23	1 24	9 15	2 18	9 57	0 34	18 26	0 10	10 14	17 29	14 4	14 35	2 19	13 49	1 17
F 14	0 38	19 24	3 0	0 29	1 6	15 6	0 24	23 3	0 49	13 21	1 24	9 16	2 18	9 56	0 34	18 26	0 10	10 15	17 30	14 4	14 36	2 17	13 48	1 17
S 15	0 15	18 16	2 0	0s18	1 0	14 46	0 27	22 59	0 50	13 20	1 25	9 18	2 18	9 55	0 34	18 26	0 10	10 15	17 30	14 3	14 37	2 15	13 47	1 17
S 16	0s 9	16 19	0 57	1 4	0 54	14 26	0 30	22 55	0 52	13 18	1 25	9 19	2 18	9 55	0 34	18 26	0 10	10 16	17 30	14 3	14 39	2 13	13 46	1 17
M17	0 33	13 39	0s 9	1 51	0 48	14 6	0 33	22 51	0 53	13 16	1 25	9 21	2 18	9 54	0 34	18 27	0 10	10 16	17 30	14 2	14 40	2 11	13 46	1 17
T 18	0 56	10 27	1 13	2 36	0 42	13 45	0 36	22 47	0 54	13 15	1 25	9 23	2 18	9 53	0 34	18 27	0 10	10 16	17 30	14 3	14 41	2 9	13 45	1 18
W19	1 20	6 50	2 13	3 22	0 35	13 24	0 40	22 43	0 55	13 13	1 25	9 24	2 18	9 52	0 34	18 27	0 10	10 17	17 30	14 4	14 42	2 7	13 44	1 18
T 20	1 43	2 59	3 8	4 7	0 29	13 2	0 43	22 39	0 56	13 11	1 25	9 26	2 18	9 51	0 34	18 27	0 10	10 17	17 30	14 5	14 43	2 5	13 43	1 18
F 21	2 7	1n 0	3 54	4 52	0 22	12 40	0 46	22 35	0 57	13 9	1 25	9 27	2 18	9 51	0 34	18 27	0 10	10 18	17 30	14 8	14 44	2 3	13 42	1 18
S 22	2 30	4 57	4 30	5 36	0 15	12 17	0 48	22 31	0 58	13 7	1 25	9 29	2 18	9 50	0 34	18 28	0 10	10 18	17 30	14 10	14 45	2 1	13 41	1 18
S 23	2 54	8 44	4 55	6 20	0 9	11 54	0 51	22 26	1 0	13 5	1 25	9 30	2 18	9 49	0 34	18 28	0 10	10 19	17 30	14 13	14 46	1 59	13 40	1 18
M24	3 17	12 11	5 7	7 4	0 2	11 31	0 54	22 21	1 1	13 3	1 26	9 32	2 18	9 48	0 34	18 28	0 10	10 19	17 30	14 16	14 47	1 57	13 39	1 18
T 25	3 41	15 11	5 5	7 46	0s 5	11 8	0 57	22 17	1 2	13 1	1 26	9 33	2 18	9 47	0 34	18 28	0 10	10 20	17 30	14 18	14 48	1 55	13 39	1 19
W26	4 4	17 32	4 49	8 29	0 12	10 44	0 59	22 12	1 3	12 59	1 26	9 34	2 18	9 47	0 34	18 28	0 10	10 20	17 30	14 20	14 49	1 52	13 38	1 19
T 27	4 28	19 6	4 18	9 11	0 19	10 19	1 2	22 7	1 4	12 57	1 26	9 36	2 18	9 46	0 34	18 28	0 10	10 21	17 30	14 21	14 50	1 50	13 37	1 19
F 28	4 51	19 44	3 35	9 52	0 26	9 55	1 4	22 2	1 6	12 55	1 26	9 37	2 18	9 45	0 34	18 29	0 10	10 21	17 30	14 22	14 51	1 48	13 36	1 19
S 29	5 14	19 19	2 38	10 33	0 33	9 30	1 7	21 58	1 7	12 53	1 26	9 38	2 18	9 44	0 34	18 29	0 10	10 22	17 30	14 22	14 52	1 46	13 35	1 19
S 30	5s38	17n46	1s32	11s13	0s40	9n 5	1n 9	21n52	1n 8	12n50	1s26	9s39	2s17	9n43	0s34	18s29	0s10	10s22	17s30	14n21	14n53	1s44	13n34	1s19

Julian Day Number = 2213292.5, Delta T = 09m12s
Ecliptic obliquity = 23°31'20, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°38'29, Lahiri = 14°45'30 Julian Calendar 1 Sept. 1347 == Greg. Calendar 9 Sept. 1347

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ASTRODIENST EPHEMERIS for the year 1347
geocentric

OCTOBER 1347 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	1 8 24	15♎12'49	18♌20	28♎57	10♍47	27♋53	7°R48	10°R45	26°R27	8°R 2	14°R34	21°R36	19♌54	3♈58	9°R48	M 1
T 2	1 12 20	16°12'29	2♍48	0♏29	11°59	28°24	7♉41	10♓42	26♈24	8♒ 2	14♈33	21♌36	19°51	4° 5	9♉45	T 2
W 3	1 16 17	17°12'11	17°38	1°59	13°12	28°55	7°34	10°38	26°22	8° 1	14°32	21°33	19°48	4°12	9°42	W 3
T 4	1 20 13	18°11'56	2♎45	3°29	14°25	29°27	7°26	10°35	26°19	8° 1	14°31	21°28	19°45	4°19	9°40	T 4
F 5	1 24 10	19°11'42	18° 0	4°59	15°38	29°57	7°19	10°32	26°17	8° 1	14°29	21°21	19°42	4°25	9°37	F 5
S 6	1 28 6	20°11'31	3♏13	6°27	16°51	0♌28	7°12	10°29	26°14	8° 1	14°28	21°12	19°39	4°32	9°34	S 6
S 7	1 32 3	21°11'22	18°13	7°56	18° 4	0°59	7° 4	10°26	26°12	8° 0	14°27	21° 3	19°35	4°39	9°31	S 7
M 8	1 36 0	22°11'14	2♐50	9°23	19°17	1°29	6°56	10°23	26° 9	8° 0	14°26	20°54	19°32	4°45	9°28	M 8
T 9	1 39 56	23°11'08	16°59	10°50	20°30	1°59	6°49	10°20	26° 7	8° 0	14°25	20°47	19°29	4°52	9°25	T 9
W10	1 43 53	24°11'04	0♑39	12°16	21°44	2°29	6°41	10°18	26° 5	8° 0	14°24	20°42	19°26	4°59	9°22	W10
T 11	1 47 49	25°11'02	13°49	13°41	22°57	2°59	6°33	10°15	26° 2	8° 0	14°23	20°39	19°23	5° 5	9°19	T 11
F 12	1 51 46	26°11'01	26°34	15° 6	24°10	3°28	6°25	10°13	26° 0	8° 0	14°22	20°D39	19°19	5°12	9°16	F 12
S 13	1 55 42	27°11'02	8♒57	16°30	25°24	3°57	6°17	10°10	25°57	8°D 0	14°20	20°39	19°16	5°19	9°13	S 13
S 14	1 59 39	28°11'05	21° 4	17°53	26°37	4°26	6° 9	10° 8	25°55	8° 0	14°19	20°R39	19°13	5°25	9°10	S 14
M15	2 3 35	29°11'09	3♓ 1	19°15	27°51	4°55	6° 1	10° 6	25°52	8° 0	14°18	20°39	19°10	5°32	9° 7	M15
T 16	2 7 32	0♏11'15	14°51	20°36	29° 5	5°24	5°53	10° 4	25°50	8° 0	14°17	20°36	19° 7	5°39	9° 4	T 16
W17	2 11 29	1°11'22	26°39	21°56	0♎18	5°52	5°45	10° 1	25°47	8° 0	14°16	20°30	19° 4	5°45	9° 1	W17
T 18	2 15 25	2°11'31	8♈29	23°15	1°32	6°20	5°37	10° 0	25°45	8° 0	14°15	20°22	19° 0	5°52	8°58	T 18
F 19	2 19 22	3°11'42	20°23	24°33	2°46	6°48	5°29	9°58	25°42	8° 1	14°14	20°11	18°57	5°59	8°55	F 19
S 20	2 23 18	4°11'55	2♉22	25°50	4° 0	7°15	5°20	9°56	25°40	8° 1	14°13	19°58	18°54	6° 5	8°52	S 20
S 21	2 27 15	5°12'09	14°29	27° 5	5°14	7°43	5°12	9°54	25°38	8° 1	14°12	19°44	18°51	6°12	8°49	S 21
M22	2 31 11	6°12'26	26°43	28°18	6°28	8°10	5° 4	9°53	25°35	8° 1	14°11	19°30	18°48	6°19	8°46	M22
T 23	2 35 8	7°12'44	9♊ 6	29°29	7°42	8°37	4°56	9°51	25°33	8° 2	14°10	19°18	18°45	6°26	8°42	T 23
W24	2 39 4	8°13'04	21°38	0♐39	8°56	9° 3	4°48	9°50	25°30	8° 2	14° 9	19° 8	18°41	6°32	8°39	W24
T 25	2 43 1	9°13'26	4♋22	1°46	10°10	9°29	4°40	9°49	25°28	8° 3	14° 8	19° 1	18°38	6°39	8°36	T 25
F 26	2 46 58	10°13'50	17°19	2°50	11°24	9°55	4°32	9°48	25°26	8° 3	14° 7	18°57	18°35	6°46	8°33	F 26
S 27	2 50 54	11°14'16	0♌31	3°52	12°39	10°21	4°24	9°46	25°23	8° 3	14° 5	18°55	18°32	6°52	8°30	S 27
S 28	2 54 51	12°14'44	14° 0	4°50	13°53	10°47	4°16	9°46	25°21	8° 4	14° 4	18°55	18°29	6°59	8°27	S 28
M29	2 58 47	13°15'14	27°50	5°44	15° 7	11°12	4° 8	9°45	25°19	8° 4	14° 4	18°55	18°25	7° 6	8°24	M29
T 30	3 2 44	14°15'45	12♍ 1	6°34	16°22	11°37	4° 0	9°44	25°16	8° 5	14° 3	18°54	18°22	7°12	8°21	T 30
W31	3 6 40	15♏16'19	26♍33	7♐19	17♎36	12♌ 1	3♉52	9♓43	25♈14	8♒ 6	14♈ 2	18♌50	18♌19	7♈19	8♉18	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	6s 1	15n 6	0s18	11s52	0s47	8n39	1n11	21n47	1n 9	12n48	1s26	9s41	2s17	9n42	0s34	18s29	0s10	10s22	17s30	14n21	14n54	1s42	13n33	1s19
T 2	6 24	11 27	1n 0	12 31	0 53	8 13	1 14	21 42	1 11	12 46	1 26	9 42	2 17	9 41	0 34	18 29	0 10	10 23	17 30	14 21	14 55	1 40	13 32	1 19
W 3	6 47	6 58	2 15	13 9	1 0	7 47	1 16	21 37	1 12	12 43	1 26	9 43	2 17	9 40	0 34	18 29	0 10	10 23	17 30	14 22	14 56	1 38	13 31	1 20
T 4	7 10	1 59	3 22	13 46	1 7	7 21	1 18	21 32	1 13	12 41	1 26	9 44	2 17	9 40	0 34	18 29	0 10	10 24	17 30	14 24	14 57	1 36	13 30	1 20
F 5	7 32	3s 9	4 15	14 23	1 13	6 55	1 20	21 27	1 14	12 39	1 26	9 45	2 17	9 39	0 34	18 29	0 10	10 24	17 30	14 26	14 58	1 34	13 29	1 20
S 6	7 55	8 5	4 50	14 58	1 20	6 28	1 22	21 21	1 16	12 36	1 26	9 46	2 17	9 38	0 34	18 29	0 10	10 24	17 30	14 29	14 59	1 32	13 28	1 20
S 7	8 18	12 26	5 4	15 33	1 26	6 1	1 23	21 16	1 17	12 34	1 26	9 47	2 17	9 37	0 34	18 29	0 10	10 25	17 30	14 32	15 0	1 30	13 27	1 20
M 8	8 40	15 55	4 58	16 8	1 32	5 34	1 25	21 10	1 18	12 31	1 26	9 48	2 17	9 36	0 34	18 29	0 10	10 25	17 30	14 35	15 1	1 28	13 26	1 20
T 9	9 2	18 21	4 34	16 41	1 38	5 6	1 27	21 5	1 20	12 29	1 26	9 49	2 16	9 35	0 34	18 30	0 10	10 26	17 30	14 37	15 2	1 25	13 25	1 20
W10	9 25	19 37	3 54	17 13	1 44	4 39	1 28	20 59	1 21	12 26	1 26	9 50	2 16	9 34	0 34	18 30	0 10	10 26	17 30	14 39	15 3	1 23	13 24	1 20
T 11	9 47	19 46	3 3	17 45	1 50	4 11	1 30	20 54	1 22	12 24	1 26	9 51	2 16	9 33	0 34	18 30	0 10	10 26	17 30	14 39	15 4	1 21	13 23	1 21
F 12	10 9	18 52	2 5	18 16	1 56	3 43	1 31	20 48	1 24	12 21	1 26	9 52	2 16	9 32	0 34	18 30	0 10	10 27	17 30	14 40	15 5	1 19	13 22	1 21
S 13	10 30	17 5	1 2	18 46	2 1	3 15	1 33	20 43	1 25	12 18	1 26	9 53	2 16	9 32	0 34	18 30	0 10	10 27	17 30	14 39	15 6	1 17	13 20	1 21
S 14	10 52	14 34	0s 2	19 14	2 6	2 47	1 34	20 37	1 27	12 16	1 26	9 53	2 16	9 31	0 34	18 30	0 10	10 27	17 30	14 39	15 7	1 15	13 19	1 21
M15	11 13	11 27	1 5	19 42	2 11	2 19	1 35	20 32	1 28	12 13	1 26	9 54	2 16	9 30	0 34	18 30	0 10	10 28	17 30	14 40	15 8	1 13	13 18	1 21
T 16	11 35	7 54	2 5	20 9	2 16	1 50	1 36	20 26	1 29	12 11	1 26	9 55	2 15	9 29	0 34	18 30	0 10	10 28	17 29	14 41	15 9	1 11	13 17	1 21
W17	11 56	4 4	2 59	20 34	2 20	1 22	1 37	20 20	1 31	12 8	1 26	9 55	2 15	9 28	0 34	18 30	0 10	10 28	17 29	14 42	15 10	1 9	13 16	1 21
T 18	12 17	0 4	3 45	20 59	2 24	0 53	1 38	20 15	1 32	12 5	1 26	9 56	2 15	9 27	0 34	18 30	0 10	10 29	17 29	14 45	15 11	1 7	13 15	1 21
F 19	12 37	3n57	4 22	21 22	2 28	0 24	1 39	20 9	1 34	12 3	1 26	9 57	2 15	9 26	0 34	18 29	0 10	10 29	17 29	14 48	15 12	1 5	13 14	1 21
S 20	12 58	7 51	4 47	21 44	2 31	0s 4	1 39	20 3	1 35	12 0	1 26	9 57	2 15	9 25	0 34	18 29	0 10	10 29	17 29	14 53	15 13	1 3	13 13	1 21
S 21	13 18	11 28	4 59	22 5	2 34	0 33	1 40	19 58	1 37	11 57	1 26	9 58	2 15	9 25	0 34	18 29	0 10	10 29	17 29	14 57	15 14	1 0	13 12	1 22
M22	13 38	14 39	4 58	22 24	2 37	1 2	1 41	19 52	1 38	11 55	1 26	9 58	2 15	9 24	0 34	18 29	0 10	10 30	17 29	15 1	15 15	0 58	13 11	1 22
T 23	13 58	17 14	4 43	22 42	2 39	1 31	1 41	19 46	1 40	11 52	1 25	9 58	2 14	9 23	0 34	18 29	0 10	10 30	17 28	15 5	15 16	0 56	13 10	1 22
W24	14 18	19 2	4 14	22 58	2 41	2 0	1 42	19 41	1 41	11 50	1 25	9 59	2 14	9 22	0 34	18 29	0 10	10 30	17 28	15 8	15 17	0 54	13 9	1 22
T 25	14 37	19 55	3 32	23 13	2 42	2 29	1 42	19 35	1 43	11 47	1 25	9 59	2 14	9 21	0 34	18 29	0 10	10 30	17 28	15 10	15 18	0 52	13 8	1 22
F 26	14 56	19 46	2 39	23 27	2 42	2 58	1 42	19 30	1 44	11 44	1 25	9 59	2 14	9 20	0 34	18 29	0 10	10 31	17 28	15 12	15 19	0 50	13 6	1 22
S 27	15 15	18 33	1 36	23 39	2 42	3 27	1 42	19 24	1 46	11 42	1 25	10 0	2 14	9 19	0 34	18 29	0 10	10 31	17 28	15 12	15 20	0 48	13 5	1 22
S 28	15 34	16 16	0 26	23 49	2 41	3 55	1 42	19 19	1 47	11 39	1 25	10 0	2 14	9 19	0 34	18 29	0 10	10 31	17 28	15 12	15 20	0 46	13 4	1 22
M29	15 52	13 0	0n47	23 57	2 39	4 24	1 42	19 13	1 49	11 37	1 25	10 0	2 13	9 18	0 34	18 29	0 10	10 31	17 27	15 12	15 21	0 44	13 3	1 22
T 30	16 10	8 54	1 59	24 3	2 36	4 53	1 42	19 8	1 51	11 34	1 25	10 0	2 13	9 17	0 34	18 28	0 10	10 31	17 27	15 13	15 22	0 41	13 2	1 22
W31	16s28	4n12	3n 5	24s 7	2s33	5s22	1n42	19n 3	1n52	11n32	1s24	10s 0	2s13	9n16	0s34	18s28	0s10	10s32	17s27	15n14	15n23	0s39	13n 1	1s22

Julian Day Number = 2213322.5, Delta T = 09m12s
Ecliptic obliquity = 23°31'20, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°38'33, Lahiri = 14°45'34 Julian Calendar 1 Oct. 1347 == Greg. Calendar 9 Oct. 1347

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ASTRODIENST EPHEMERIS for the year 1347
geocentric

NOVEMBER 1347 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	3 10 37	16♏16'54	11♎21	7♐59	18♎51	12♌25	3°R44	9°R43	25°R12	8♒ 6	14°R 1	18°R44	18♌16	7♈26	8°R15	T 1
F 2	3 14 33	17°17'31	26°20	8°33	20° 5	12°49	3♉36	9♓42	25♈ 9	8° 7	14♈ 0	18♌34	18°13	7°32	8♉11	F 2
S 3	3 18 30	18°18'09	11♏21	9° 1	21°20	13°13	3°29	9°42	25° 7	8° 8	13°59	18°23	18°10	7°39	8° 8	S 3
S 4	3 22 26	19°18'50	26°14	9°20	22°34	13°36	3°21	9°42	25° 5	8° 8	13°58	18°11	18° 6	7°46	8° 5	S 4
M 5	3 26 23	20°19'31	10♐50	9°32	23°49	13°59	3°13	9°D42	25° 3	8° 9	13°57	17°59	18° 3	7°53	8° 2	M 5
T 6	3 30 20	21°20'14	25° 3	9°R34	25° 4	14°21	3° 6	9°42	25° 1	8°10	13°56	17°49	18° 0	7°59	7°59	T 6
W 7	3 34 16	22°20'58	8♑47	9°27	26°18	14°43	2°59	9°42	24°59	8°11	13°55	17°42	17°57	8° 6	7°56	W 7
T 8	3 38 13	23°21'44	22° 3	9° 9	27°33	15° 5	2°52	9°42	24°57	8°12	13°54	17°38	17°54	8°13	7°53	T 8
F 9	3 42 9	24°22'30	4♒52	8°41	28°48	15°26	2°44	9°42	24°54	8°13	13°53	17°36	17°50	8°19	7°50	F 9
S 10	3 46 6	25°23'18	17°19	8° 2	0♏ 3	15°47	2°38	9°43	24°52	8°14	13°53	17°D35	17°47	8°26	7°47	S 10
S 11	3 50 2	26°24'06	29°28	7°12	1°18	16° 8	2°31	9°43	24°50	8°15	13°52	17°R35	17°44	8°33	7°44	S 11
M12	3 53 59	27°24'55	11♓25	6°12	2°32	16°28	2°24	9°44	24°48	8°16	13°51	17°34	17°41	8°39	7°42	M12
T 13	3 57 56	28°25'45	23°15	5° 3	3°47	16°48	2°17	9°45	24°47	8°17	13°50	17°32	17°38	8°46	7°39	T 13
W14	4 1 52	29°26'37	5♈ 4	3°47	5° 2	17° 7	2°11	9°46	24°45	8°18	13°50	17°27	17°35	8°53	7°36	W14
T 15	4 5 49	0♐27'29	16°55	2°26	6°17	17°26	2° 5	9°47	24°43	8°19	13°49	17°19	17°31	8°59	7°33	T 15
F 16	4 9 45	1°28'22	28°53	1° 4	7°32	17°45	1°58	9°48	24°41	8°20	13°48	17° 8	17°28	9° 6	7°30	F 16
S 17	4 13 42	2°29'16	11♑ 0	29♏42	8°47	18° 3	1°52	9°49	24°39	8°21	13°47	16°56	17°25	9°13	7°28	S 17
S 18	4 17 38	3°30'11	23°17	28°23	10° 2	18°21	1°47	9°50	24°37	8°22	13°47	16°42	17°22	9°20	7°25	S 18
M19	4 21 35	4°31'07	5♊46	27°10	11°17	18°38	1°41	9°52	24°36	8°23	13°46	16°29	17°19	9°26	7°22	M19
T 20	4 25 31	5°32'04	18°26	26° 5	12°32	18°55	1°35	9°53	24°34	8°25	13°45	16°16	17°16	9°33	7°19	T 20
W21	4 29 28	6°33'02	1♋17	25°10	13°47	19°11	1°30	9°55	24°32	8°26	13°45	16° 7	17°12	9°40	7°17	W21
T 22	4 33 25	7°34'01	14°19	24°26	15° 2	19°26	1°25	9°57	24°31	8°27	13°44	16° 0	17° 9	9°46	7°14	T 22
F 23	4 37 21	8°35'01	27°31	23°53	16°17	19°42	1°20	9°58	24°29	8°29	13°43	15°56	17° 6	9°53	7°12	F 23
S 24	4 41 18	9°36'02	10♌55	23°31	17°32	19°56	1°15	10° 0	24°27	8°30	13°43	15°D54	17° 3	10° 0	7° 9	S 24
S 25	4 45 14	10°37'05	24°30	23°21	18°47	20°11	1°10	10° 2	24°26	8°31	13°42	15°54	17° 0	10° 6	7° 7	S 25
M26	4 49 11	11°38'08	8♍18	23°D20	20° 2	20°24	1° 6	10° 5	24°25	8°33	13°42	15°R55	16°56	10°13	7° 4	M26
T 27	4 53 7	12°39'12	22°19	23°30	21°18	20°37	1° 1	10° 7	24°23	8°34	13°41	15°54	16°53	10°20	7° 2	T 27
W28	4 57 4	13°40'18	6♎33	23°48	22°33	20°50	0°57	10° 9	24°22	8°36	13°41	15°52	16°50	10°26	7° 0	W28
T 29	5 1 0	14°41'24	20°59	24°15	23°48	21° 2	0°53	10°12	24°20	8°37	13°40	15°48	16°47	10°33	6°57	T 29
F 30	5 4 57	15♐42'31	5♏32	24♏49	25♏ 3	21♌13	0♉49	10♓14	24♈19	8♒39	13♈40	15♌40	16♌44	10♈40	6♉55	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	16s46	0s50	3n59	24s 9	2s28	5s50	1n42	18n57	1n54	11n29	1s24	10s 0	2s13	9n15	0s34	18s28	0s10	10s32	17s27	15n16	15n24	0s37	13n 0	1s23
F 2	17 3	5 52	4 38	24 9	2 23	6 19	1 42	18 52	1 56	11 27	1 24	10 0	2 13	9 14	0 34	18 28	0 10	10 32	17 27	15 19	15 25	0 35	12 59	1 23
S 3	17 20	10 34	4 58	24 7	2 16	6 47	1 41	18 47	1 57	11 24	1 24	10 0	2 13	9 14	0 34	18 28	0 10	10 32	17 26	15 22	15 26	0 33	12 58	1 23
S 4	17 37	14 34	4 57	24 2	2 8	7 15	1 41	18 42	1 59	11 22	1 24	10 0	2 12	9 13	0 34	18 28	0 10	10 32	17 26	15 26	15 27	0 31	12 57	1 23
M 5	17 53	17 35	4 37	23 54	1 58	7 43	1 40	18 37	2 1	11 19	1 24	10 0	2 12	9 12	0 34	18 27	0 10	10 32	17 26	15 30	15 28	0 29	12 56	1 23
T 6	18 9	19 26	4 0	23 44	1 47	8 11	1 40	18 32	2 2	11 17	1 23	10 0	2 12	9 11	0 34	18 27	0 10	10 32	17 26	15 33	15 29	0 27	12 55	1 23
W 7	18 25	20 4	3 10	23 30	1 34	8 39	1 39	18 27	2 4	11 15	1 23	10 0	2 12	9 11	0 34	18 27	0 10	10 33	17 26	15 35	15 30	0 25	12 54	1 23
T 8	18 41	19 34	2 11	23 13	1 20	9 7	1 38	18 22	2 6	11 12	1 23	9 59	2 12	9 10	0 34	18 27	0 10	10 33	17 25	15 36	15 31	0 22	12 53	1 23
F 9	18 56	18 2	1 7	22 54	1 5	9 34	1 38	18 18	2 8	11 10	1 23	9 59	2 11	9 9	0 34	18 26	0 10	10 33	17 25	15 37	15 32	0 20	12 52	1 23
S 10	19 11	15 41	0 1	22 30	0 48	10 1	1 37	18 13	2 10	11 8	1 23	9 59	2 11	9 8	0 34	18 26	0 10	10 33	17 25	15 37	15 33	0 18	12 51	1 23
S 11	19 25	12 41	1s 3	22 4	0 29	10 28	1 36	18 9	2 11	11 6	1 22	9 58	2 11	9 8	0 34	18 26	0 10	10 33	17 25	15 37	15 34	0 16	12 50	1 23
M12	19 39	9 12	2 3	21 35	0 10	10 55	1 35	18 4	2 13	11 4	1 22	9 58	2 11	9 7	0 34	18 26	0 10	10 33	17 24	15 37	15 35	0 14	12 49	1 23
T 13	19 53	5 24	2 57	21 3	0n10	11 21	1 34	18 0	2 15	11 2	1 22	9 57	2 11	9 6	0 34	18 25	0 10	10 33	17 24	15 38	15 36	0 12	12 48	1 23
W14	20 6	1 24	3 43	20 29	0 31	11 48	1 32	17 56	2 17	11 0	1 22	9 57	2 11	9 6	0 34	18 25	0 10	10 33	17 24	15 40	15 37	0 10	12 47	1 23
T 15	20 19	2n40	4 20	19 53	0 51	12 14	1 31	17 52	2 19	10 58	1 21	9 56	2 10	9 5	0 34	18 25	0 10	10 33	17 23	15 42	15 38	0 8	12 46	1 23
F 16	20 32	6 39	4 46	19 17	1 11	12 39	1 30	17 48	2 21	10 56	1 21	9 56	2 10	9 4	0 34	18 25	0 10	10 33	17 23	15 45	15 39	0 5	12 45	1 24
S 17	20 44	10 26	4 59	18 42	1 30	13 5	1 29	17 44	2 23	10 54	1 21	9 55	2 10	9 4	0 34	18 24	0 10	10 33	17 23	15 49	15 40	0 3	12 44	1 24
S 18	20 56	13 50	4 59	18 8	1 47	13 30	1 27	17 40	2 25	10 52	1 21	9 54	2 10	9 3	0 34	18 24	0 10	10 33	17 23	15 53	15 41	0 1	12 43	1 24
M19	21 7	16 41	4 44	17 37	2 2	13 54	1 26	17 37	2 27	10 51	1 20	9 54	2 10	9 2	0 34	18 24	0 10	10 33	17 22	15 57	15 42	0n 1	12 42	1 24
T 20	21 18	18 46	4 16	17 10	2 15	14 19	1 24	17 34	2 29	10 49	1 20	9 53	2 9	9 2	0 34	18 23	0 10	10 33	17 22	16 1	15 43	0 3	12 41	1 24
W21	21 29	19 58	3 33	16 46	2 26	14 43	1 23	17 30	2 31	10 47	1 20	9 52	2 9	9 1	0 34	18 23	0 10	10 33	17 22	16 4	15 44	0 5	12 40	1 24
T 22	21 39	20 6	2 39	16 27	2 34	15 7	1 21	17 27	2 33	10 46	1 20	9 51	2 9	9 1	0 34	18 23	0 10	10 33	17 21	16 6	15 45	0 7	12 39	1 24
F 23	21 49	19 9	1 36	16 13	2 41	15 30	1 19	17 24	2 35	10 44	1 19	9 51	2 9	9 0	0 34	18 22	0 10	10 33	17 21	16 7	15 46	0 9	12 38	1 24
S 24	21 58	17 8	0 27	16 3	2 45	15 53	1 18	17 22	2 37	10 43	1 19	9 50	2 9	9 0	0 33	18 22	0 10	10 33	17 21	16 7	15 47	0 12	12 38	1 24
S 25	22 7	14 7	0n46	15 58	2 47	16 15	1 16	17 19	2 39	10 41	1 19	9 49	2 8	8 59	0 33	18 22	0 10	10 33	17 20	16 7	15 48	0 14	12 37	1 24
M26	22 15	10 17	1 56	15 58	2 48	16 37	1 14	17 17	2 41	10 40	1 19	9 48	2 8	8 58	0 33	18 21	0 10	10 33	17 20	16 7	15 49	0 16	12 36	1 24
T 27	22 24	5 50	3 1	16 1	2 47	16 59	1 12	17 14	2 43	10 39	1 18	9 47	2 8	8 58	0 33	18 21	0 10	10 33	17 20	16 7	15 50	0 18	12 35	1 24
W28	22 31	1 0	3 56	16 7	2 45	17 20	1 10	17 12	2 45	10 38	1 18	9 46	2 8	8 58	0 33	18 21	0 10	10 32	17 20	16 8	15 51	0 20	12 34	1 24
T 29	22 38	3s57	4 37	16 17	2 42	17 41	1 8	17 11	2 47	10 37	1 18	9 45	2 8	8 57	0 33	18 20	0 10	10 32	17 19	16 9	15 52	0 22	12 33	1 24
F 30	22s45	8s42	5n 0	16s29	2n38	18s 1	1n 6	17n 9	2n50	10n35	1s17	9s43	2s 8	8n57	0s33	18s20	0s10	10s32	17s19	16n12	15n53	0n24	12n33	1s24

Julian Day Number = 2213353.5, Delta T = 09m12s
Ecliptic obliquity = 23°31'19, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°38'38, Lahiri = 14°45'38 Julian Calendar 1 Nov. 1347 == Greg. Calendar 9 Nov. 1347

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ASTRODIENST EPHEMERIS for the year 1347
geocentric

DECEMBER 1347 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	5 8 54	16♐43'39	20♏ 7	25♏30	26♏18	21♌24	0°R46	10♓17	24°R18	8♒40	13°R39	15°R31	16♌41	10♈47	6°R53	S 1
S 2	5 12 50	17°44'48	4♐37	26°16	27°34	21°34	0♉42	10°20	24♈17	8°42	13♈39	15♌21	16°37	10°53	6♉51	S 2
M 3	5 16 47	18°45'58	18°55	27° 8	28°49	21°44	0°39	10°22	24°16	8°43	13°39	15°12	16°34	11° 0	6°48	M 3
T 4	5 20 43	19°47'08	2♑56	28° 4	0♐ 4	21°53	0°36	10°25	24°14	8°45	13°38	15° 4	16°31	11° 7	6°46	T 4
W 5	5 24 40	20°48'18	16°34	29° 5	1°19	22° 1	0°34	10°28	24°13	8°47	13°38	14°58	16°28	11°13	6°44	W 5
T 6	5 28 36	21°49'29	29°48	0♐ 8	2°35	22° 9	0°31	10°32	24°12	8°48	13°38	14°54	16°25	11°20	6°42	T 6
F 7	5 32 33	22°50'39	12♒39	1°15	3°50	22°16	0°29	10°35	24°11	8°50	13°37	14°D53	16°22	11°27	6°40	F 7
S 8	5 36 29	23°51'50	25° 8	2°25	5° 5	22°22	0°26	10°38	24°10	8°52	13°37	14°53	16°18	11°33	6°39	S 8
S 9	5 40 26	24°53'01	7♓21	3°37	6°20	22°28	0°24	10°42	24°10	8°54	13°37	14°55	16°15	11°40	6°37	S 9
M10	5 44 23	25°54'12	19°20	4°51	7°36	22°33	0°23	10°45	24° 9	8°55	13°36	14°56	16°12	11°47	6°35	M10
T 11	5 48 19	26°55'22	1♈13	6° 6	8°51	22°37	0°21	10°49	24° 8	8°57	13°36	14°R56	16° 9	11°54	6°33	T 11
W12	5 52 16	27°56'33	13° 3	7°24	10° 6	22°40	0°20	10°52	24° 7	8°59	13°36	14°54	16° 6	12° 0	6°32	W12
T 13	5 56 12	28°57'44	24°56	8°43	11°21	22°43	0°19	10°56	24° 7	9° 1	13°36	14°51	16° 2	12° 7	6°30	T 13
F 14	6 0 9	29°58'54	6♉57	10° 3	12°37	22°45	0°18	11° 0	24° 6	9° 3	13°36	14°45	15°59	12°14	6°28	F 14
S 15	6 4 5	1♑ 0'04	19° 8	11°25	13°52	22°46	0°17	11° 4	24° 5	9° 5	13°35	14°38	15°56	12°20	6°27	S 15
S 16	6 8 2	2° 1'14	1♊34	12°47	15° 7	22°R47	0°17	11° 8	24° 5	9° 6	13°35	14°30	15°53	12°27	6°26	S 16
M17	6 11 58	3° 2'24	14°15	14°11	16°23	22°47	0°16	11°12	24° 4	9° 8	13°35	14°22	15°50	12°34	6°24	M17
T 18	6 15 55	4° 3'34	27°12	15°35	17°38	22°46	0°D16	11°16	24° 4	9°10	13°35	14°15	15°47	12°40	6°23	T 18
W19	6 19 52	5° 4'44	10♋24	17° 1	18°53	22°44	0°16	11°21	24° 4	9°12	13°35	14° 9	15°43	12°47	6°22	W19
T 20	6 23 48	6° 5'54	23°50	18°27	20° 9	22°41	0°17	11°25	24° 3	9°14	13°D35	14° 6	15°40	12°54	6°20	T 20
F 21	6 27 45	7° 7'03	7♌27	19°53	21°24	22°38	0°17	11°30	24° 3	9°16	13°35	14°D 4	15°37	13° 1	6°19	F 21
S 22	6 31 41	8° 8'13	21°15	21°21	22°39	22°34	0°18	11°34	24° 3	9°18	13°35	14° 4	15°34	13° 7	6°18	S 22
S 23	6 35 38	9° 9'22	5♍10	22°49	23°54	22°29	0°19	11°39	24° 3	9°20	13°35	14° 5	15°31	13°14	6°17	S 23
M24	6 39 34	10°10'32	19°11	24°17	25°10	22°23	0°20	11°44	24° 3	9°22	13°35	14° 7	15°28	13°21	6°16	M24
T 25	6 43 31	11°11'41	3♎17	25°46	26°25	22°17	0°21	11°48	24° 3	9°24	13°35	14° 8	15°24	13°27	6°15	T 25
W26	6 47 27	12°12'50	17°26	27°16	27°40	22° 9	0°23	11°53	24°D 3	9°26	13°35	14°R 8	15°21	13°34	6°15	W26
T 27	6 51 24	13°13'59	1♏36	28°46	28°56	22° 1	0°25	11°58	24° 3	9°28	13°36	14° 7	15°18	13°41	6°14	T 27
F 28	6 55 21	14°15'09	15°46	0♑17	0♑11	21°52	0°27	12° 3	24° 3	9°31	13°36	14° 4	15°15	13°47	6°13	F 28
S 29	6 59 17	15°16'17	29°53	1°48	1°26	21°43	0°29	12° 8	24° 3	9°33	13°36	14° 0	15°12	13°54	6°12	S 29
S 30	7 3 14	16°17'26	13♐53	3°20	2°42	21°32	0°31	12°13	24° 3	9°35	13°36	13°56	15° 8	14° 1	6°12	S 30
M31	7 7 10	17♑18'34	27♐43	4♑53	3♑57	21♌20	0♉34	12♓19	24♈ 3	9♒37	13♈36	13♌51	15♌ 5	14♈ 8	6♉11	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22s51	12s58	5n 3	16s43	2n33	18s21	1n 4	17n 8	2n52	10n35	1s17	9s42	2s 7	8n56	0s33	18s19	0s10	10s32	17s19	16n14	15n54	0n27	12n32	1s24
S 2	22 57	16 25	4 47	17 0	2 28	18 40	1 2	17 6	2 54	10 34	1 17	9 41	2 7	8 56	0 33	18 19	0 10	10 32	17 18	16 17	15 54	0 29	12 31	1 24
M 3	23 3	18 51	4 14	17 17	2 22	18 59	1 0	17 5	2 56	10 33	1 17	9 40	2 7	8 55	0 33	18 19	0 10	10 32	17 18	16 20	15 55	0 31	12 30	1 24
T 4	23 8	20 4	3 25	17 36	2 15	19 18	0 58	17 5	2 59	10 32	1 16	9 38	2 7	8 55	0 33	18 18	0 10	10 32	17 18	16 22	15 56	0 33	12 30	1 24
W 5	23 12	20 5	2 26	17 56	2 8	19 35	0 56	17 4	3 1	10 31	1 16	9 37	2 7	8 55	0 33	18 18	0 10	10 31	17 17	16 24	15 57	0 35	12 29	1 24
T 6	23 16	18 57	1 20	18 17	2 1	19 52	0 53	17 4	3 3	10 31	1 16	9 36	2 7	8 54	0 33	18 17	0 10	10 31	17 17	16 25	15 58	0 37	12 28	1 24
F 7	23 20	16 53	0 12	18 38	1 53	20 9	0 51	17 3	3 5	10 30	1 15	9 34	2 6	8 54	0 33	18 17	0 10	10 31	17 16	16 26	15 59	0 39	12 28	1 24
S 8	23 23	14 3	0s55	19 0	1 45	20 25	0 49	17 4	3 8	10 30	1 15	9 33	2 6	8 54	0 33	18 16	0 10	10 31	17 16	16 25	16 0	0 42	12 27	1 24
S 9	23 25	10 40	1 58	19 21	1 37	20 41	0 47	17 4	3 10	10 29	1 15	9 32	2 6	8 53	0 33	18 16	0 10	10 31	17 16	16 25	16 1	0 44	12 26	1 24
M10	23 27	6 55	2 55	19 43	1 29	20 55	0 44	17 4	3 12	10 29	1 14	9 30	2 6	8 53	0 33	18 15	0 10	10 30	17 15	16 25	16 2	0 46	12 26	1 24
T 11	23 29	2 56	3 44	20 4	1 21	21 10	0 42	17 5	3 15	10 29	1 14	9 28	2 6	8 53	0 33	18 15	0 10	10 30	17 15	16 25	16 3	0 48	12 25	1 24
W12	23 30	1n 8	4 22	20 25	1 13	21 23	0 39	17 6	3 17	10 29	1 14	9 27	2 6	8 53	0 33	18 15	0 10	10 30	17 15	16 25	16 4	0 50	12 25	1 24
T 13	23 31	5 11	4 50	20 46	1 5	21 36	0 37	17 8	3 19	10 28	1 13	9 25	2 5	8 52	0 33	18 14	0 10	10 30	17 14	16 26	16 5	0 52	12 24	1 24
F 14	23 31	9 4	5 6	21 6	0 57	21 49	0 35	17 9	3 22	10 28	1 13	9 24	2 5	8 52	0 33	18 14	0 10	10 29	17 14	16 28	16 6	0 54	12 24	1 25
S 15	23 31	12 38	5 8	21 25	0 49	22 1	0 32	17 11	3 24	10 28	1 13	9 22	2 5	8 52	0 33	18 13	0 10	10 29	17 14	16 30	16 7	0 57	12 23	1 25
S 16	23 30	15 44	4 55	21 44	0 41	22 12	0 30	17 13	3 27	10 29	1 13	9 20	2 5	8 52	0 33	18 13	0 11	10 29	17 13	16 32	16 8	0 59	12 23	1 25
M17	23 29	18 9	4 28	22 2	0 33	22 22	0 27	17 15	3 29	10 29	1 12	9 19	2 5	8 52	0 33	18 12	0 11	10 28	17 13	16 35	16 9	1 1	12 22	1 25
T 18	23 28	19 43	3 47	22 20	0 25	22 32	0 25	17 18	3 31	10 29	1 12	9 17	2 5	8 52	0 33	18 12	0 11	10 28	17 13	16 37	16 10	1 3	12 22	1 25
W19	23 25	20 15	2 53	22 36	0 17	22 41	0 22	17 21	3 34	10 29	1 12	9 15	2 4	8 51	0 33	18 11	0 11	10 28	17 12	16 38	16 11	1 5	12 21	1 25
T 20	23 23	19 38	1 48	22 52	0 9	22 49	0 20	17 24	3 36	10 30	1 11	9 13	2 4	8 51	0 33	18 11	0 11	10 28	17 12	16 39	16 12	1 7	12 21	1 25
F 21	23 20	17 53	0 36	23 6	0 2	22 57	0 17	17 27	3 38	10 30	1 11	9 11	2 4	8 51	0 33	18 10	0 11	10 27	17 11	16 40	16 13	1 10	12 21	1 25
S 22	23 16	15 5	0n39	23 20	0s 6	23 4	0 15	17 31	3 41	10 31	1 11	9 9	2 4	8 51	0 33	18 9	0 11	10 27	17 11	16 40	16 14	1 12	12 20	1 25
S 23	23 12	11 24	1 53	23 33	0 13	23 11	0 12	17 35	3 43	10 31	1 10	9 8	2 4	8 51	0 33	18 9	0 11	10 26	17 11	16 40	16 14	1 14	12 20	1 25
M24	23 8	7 3	3 0	23 44	0 20	23 16	0 10	17 39	3 46	10 32	1 10	9 6	2 4	8 51	0 33	18 8	0 11	10 26	17 10	16 39	16 15	1 16	12 20	1 25
T 25	23 3	2 19	3 57	23 54	0 27	23 21	0 7	17 43	3 48	10 33	1 10	9 4	2 4	8 51	0 32	18 8	0 11	10 26	17 10	16 39	16 16	1 18	12 19	1 25
W26	22 58	2s34	4 40	24 4	0 34	23 25	0 5	17 48	3 50	10 34	1 9	9 2	2 3	8 51	0 32	18 7	0 11	10 25	17 10	16 39	16 17	1 20	12 19	1 25
T 27	22 52	7 18	5 5	24 12	0 41	23 29	0 2	17 53	3 52	10 35	1 9	9 0	2 3	8 51	0 32	18 7	0 11	10 25	17 9	16 39	16 18	1 23	12 19	1 25
F 28	22 45	11 38	5 13	24 18	0 47	23 32	0s 0	17 58	3 55	10 36	1 9	8 58	2 3	8 51	0 32	18 6	0 11	10 25	17 9	16 40	16 19	1 25	12 18	1 25
S 29	22 39	15 18	5 1	24 24	0 53	23 34	0 3	18 3	3 57	10 37	1 8	8 55	2 3	8 52	0 32	18 6	0 11	10 24	17 8	16 41	16 20	1 27	12 18	1 25
S 30	22 31	18 3	4 31	24 28	1 0	23 35	0 5	18 9	3 59	10 38	1 8	8 53	2 3	8 52	0 32	18 5	0 11	10 24	17 8	16 42	16 21	1 29	12 18	1 25
M31	22s24	19s44	3n46	24s31	1s 5	23s35	0s 8	18n14	4n 1	10n39	1s 8	8s51	2s 3	8n52	0s32	18s 5	0s11	10s23	17s 8	16n44	16n22	1n31	12n18	1s25

Julian Day Number = 2213383.5, Delta T = 09m12s
Ecliptic obliquity = 23°31'19, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°38'42, Lahiri = 14°45'42 Julian Calendar 1 Dec. 1347 == Greg. Calendar 9 Dec. 1347

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ASTRODIENST EPHEMERIS for the year 1348
geocentric

JANUARY 1348 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	7 11 7	18♉19'42	11♉19	6♉26	5♉12	21°R 8	0♉36	12♓24	24♈ 4	9♒39	13♈37	13°R48	15♌ 2	14♈14	6°R11	T 1
W 2	7 15 3	19°20'50	24°39	7°59	6°28	20♌55	0°39	12°29	24° 4	9°41	13°37	13♌45	14°59	14°21	6♉10	W 2
T 3	7 19 0	20°21'56	7♒41	9°33	7°43	20°42	0°43	12°35	24° 4	9°43	13°37	13°D44	14°56	14°28	6°10	T 3
F 4	7 22 57	21°23'02	20°24	11° 8	8°58	20°27	0°46	12°40	24° 5	9°46	13°38	13°44	14°53	14°34	6°10	F 4
S 5	7 26 53	22°24'07	2♓51	12°43	10°14	20°12	0°50	12°46	24° 5	9°48	13°38	13°45	14°49	14°41	6°10	S 5
S 6	7 30 50	23°25'10	15° 4	14°18	11°29	19°56	0°53	12°52	24° 6	9°50	13°38	13°46	14°46	14°48	6°10	S 6
M 7	7 34 46	24°26'13	27° 5	15°55	12°44	19°39	0°57	12°57	24° 7	9°52	13°39	13°48	14°43	14°55	6°D10	M 7
T 8	7 38 43	25°27'15	8♈58	17°32	13°59	19°22	1° 1	13° 3	24° 7	9°54	13°39	13°50	14°40	15° 1	6°10	T 8
W 9	7 42 39	26°28'15	20°50	19° 9	15°15	19° 4	1° 6	13° 9	24° 8	9°57	13°39	13°50	14°37	15° 8	6°10	W 9
T 10	7 46 36	27°29'15	2♉43	20°47	16°30	18°45	1°10	13°15	24° 9	9°59	13°40	13°R50	14°34	15°15	6°10	T 10
F 11	7 50 32	28°30'13	14°43	22°26	17°45	18°26	1°15	13°21	24°10	10° 1	13°40	13°50	14°30	15°21	6°10	F 11
S 12	7 54 29	29°31'10	26°55	24° 5	19° 0	18° 6	1°20	13°27	24°11	10° 3	13°41	13°48	14°27	15°28	6°10	S 12
S 13	7 58 25	0♒32'06	9♊23	25°45	20°16	17°45	1°25	13°33	24°12	10° 6	13°41	13°46	14°24	15°35	6°11	S 13
M14	8 2 22	1°33'00	22° 9	27°26	21°31	17°25	1°30	13°39	24°13	10° 8	13°42	13°45	14°21	15°41	6°11	M14
T 15	8 6 19	2°33'54	5♋16	29° 8	22°46	17° 3	1°35	13°45	24°14	10°10	13°42	13°43	14°18	15°48	6°11	T 15
W16	8 10 15	3°34'46	18°44	0♒50	24° 1	16°41	1°41	13°52	24°15	10°12	13°43	13°42	14°14	15°55	6°12	W16
T 17	8 14 12	4°35'36	2♌31	2°33	25°17	16°19	1°47	13°58	24°16	10°15	13°44	13°41	14°11	16° 2	6°12	T 17
F 18	8 18 8	5°36'26	16°34	4°17	26°32	15°57	1°53	14° 4	24°17	10°17	13°44	13°D41	14° 8	16° 8	6°13	F 18
S 19	8 22 5	6°37'14	0♍51	6° 1	27°47	15°34	1°59	14°11	24°18	10°19	13°45	13°41	14° 5	16°15	6°14	S 19
S 20	8 26 1	7°38'02	15°15	7°46	29° 2	15°11	2° 5	14°17	24°20	10°21	13°46	13°42	14° 2	16°22	6°15	S 20
M21	8 29 58	8°38'48	29°42	9°32	0♒17	14°47	2°11	14°24	24°21	10°24	13°46	13°42	13°59	16°28	6°15	M21
T 22	8 33 55	9°39'33	14♎ 7	11°19	1°32	14°24	2°18	14°30	24°22	10°26	13°47	13°43	13°55	16°35	6°16	T 22
W23	8 37 51	10°40'17	28°26	13° 6	2°48	14° 0	2°25	14°37	24°24	10°28	13°48	13°43	13°52	16°42	6°17	W23
T 24	8 41 48	11°41'00	12♏36	14°54	4° 3	13°36	2°32	14°44	24°25	10°31	13°48	13°R43	13°49	16°49	6°18	T 24
F 25	8 45 44	12°41'42	26°36	16°43	5°18	13°12	2°39	14°50	24°27	10°33	13°49	13°43	13°46	16°55	6°19	F 25
S 26	8 49 41	13°42'23	10♐23	18°32	6°33	12°48	2°46	14°57	24°28	10°35	13°50	13°D43	13°43	17° 2	6°21	S 26
S 27	8 53 37	14°43'03	23°58	20°22	7°48	12°24	2°53	15° 4	24°30	10°37	13°51	13°43	13°40	17° 9	6°22	S 27
M28	8 57 34	15°43'41	7♑20	22°12	9° 3	12° 0	3° 1	15°11	24°32	10°40	13°51	13°43	13°36	17°15	6°23	M28
T 29	9 1 30	16°44'19	20°29	24° 2	10°19	11°36	3° 8	15°17	24°33	10°42	13°52	13°43	13°33	17°22	6°24	T 29
W30	9 5 27	17°44'54	3♒25	25°53	11°34	11°13	3°16	15°24	24°35	10°44	13°53	13°44	13°30	17°29	6°26	W30
T 31	9 9 24	18♒45'29	16♒ 7	27♒44	12♒49	10♌49	3♉24	15♓31	24♈37	10♒47	13♈54	13°R44	13♌27	17♈35	6♉27	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22s16	20s14	2n49	24s33	1s11	23s35	0s10	18n20	4n 3	10n40	1s 8	8s49	2s 3	8n52	0s32	18s 4	0s11	10s23	17s 7	16n45	16n23	1n33	12n18	1s25
W 2	22 7	19 35	1 43	24 33	1 16	23 34	0 13	18 27	4 6	10 42	1 7	8 47	2 3	8 52	0 32	18 3	0 11	10 22	17 7	16 45	16 24	1 36	12 18	1 25
T 3	21 58	17 53	0 33	24 32	1 22	23 33	0 15	18 33	4 8	10 43	1 7	8 45	2 2	8 52	0 32	18 3	0 11	10 22	17 7	16 46	16 25	1 38	12 18	1 25
F 4	21 49	15 19	0s37	24 29	1 27	23 30	0 17	18 40	4 10	10 44	1 7	8 42	2 2	8 52	0 32	18 2	0 11	10 22	17 6	16 46	16 26	1 40	12 17	1 25
S 5	21 39	12 6	1 44	24 26	1 31	23 27	0 20	18 46	4 12	10 46	1 6	8 40	2 2	8 53	0 32	18 2	0 11	10 21	17 6	16 45	16 27	1 42	12 17	1 25
S 6	21 29	8 26	2 44	24 20	1 36	23 24	0 22	18 53	4 13	10 47	1 6	8 38	2 2	8 53	0 32	18 1	0 11	10 21	17 6	16 45	16 28	1 44	12 17	1 25
M 7	21 18	4 29	3 37	24 13	1 40	23 19	0 25	19 0	4 15	10 49	1 6	8 36	2 2	8 53	0 32	18 1	0 11	10 20	17 5	16 44	16 28	1 46	12 17	1 25
T 8	21 7	0 24	4 20	24 5	1 44	23 14	0 27	19 8	4 17	10 51	1 5	8 33	2 2	8 54	0 32	18 0	0 11	10 20	17 5	16 44	16 29	1 49	12 17	1 25
W 9	20 56	3n40	4 51	23 55	1 47	23 8	0 29	19 15	4 19	10 53	1 5	8 31	2 2	8 54	0 32	17 59	0 11	10 19	17 4	16 44	16 30	1 51	12 17	1 25
T 10	20 44	7 36	5 10	23 44	1 50	23 1	0 31	19 22	4 20	10 54	1 5	8 28	2 2	8 54	0 32	17 59	0 11	10 19	17 4	16 44	16 31	1 53	12 17	1 25
F 11	20 32	11 16	5 16	23 31	1 53	22 54	0 34	19 30	4 22	10 56	1 5	8 26	2 2	8 54	0 32	17 58	0 11	10 18	17 4	16 44	16 32	1 55	12 17	1 25
S 12	20 19	14 32	5 8	23 16	1 56	22 46	0 36	19 38	4 23	10 58	1 4	8 24	2 1	8 55	0 32	17 58	0 11	10 18	17 3	16 44	16 33	1 57	12 18	1 25
S 13	20 6	17 14	4 45	23 0	1 58	22 37	0 38	19 45	4 25	11 0	1 4	8 21	2 1	8 55	0 32	17 57	0 11	10 17	17 3	16 45	16 34	1 59	12 18	1 25
M14	19 53	19 10	4 8	22 43	2 0	22 27	0 40	19 53	4 26	11 2	1 4	8 19	2 1	8 56	0 32	17 56	0 11	10 17	17 3	16 45	16 35	2 2	12 18	1 25
T 15	19 39	20 8	3 17	22 23	2 2	22 17	0 42	20 1	4 27	11 5	1 3	8 16	2 1	8 56	0 32	17 56	0 11	10 16	17 2	16 46	16 36	2 4	12 18	1 25
W16	19 25	20 0	2 14	22 2	2 3	22 6	0 44	20 9	4 28	11 7	1 3	8 14	2 1	8 56	0 32	17 55	0 11	10 16	17 2	16 46	16 37	2 6	12 18	1 25
T 17	19 11	18 40	1 2	21 40	2 4	21 55	0 46	20 16	4 29	11 9	1 3	8 11	2 1	8 57	0 32	17 55	0 11	10 15	17 2	16 47	16 38	2 8	12 18	1 25
F 18	18 56	16 11	0n16	21 16	2 4	21 43	0 48	20 24	4 30	11 11	1 3	8 9	2 1	8 57	0 32	17 54	0 11	10 14	17 1	16 47	16 39	2 10	12 19	1 25
S 19	18 41	12 40	1 34	20 50	2 4	21 30	0 50	20 32	4 31	11 14	1 2	8 6	2 1	8 58	0 32	17 53	0 11	10 14	17 1	16 46	16 40	2 13	12 19	1 25
S 20	18 25	8 23	2 46	20 23	2 3	21 16	0 52	20 40	4 32	11 16	1 2	8 4	2 1	8 58	0 32	17 53	0 11	10 13	17 1	16 46	16 41	2 15	12 19	1 25
M21	18 10	3 37	3 49	19 54	2 2	21 2	0 54	20 47	4 32	11 19	1 2	8 1	2 1	8 59	0 32	17 52	0 11	10 13	17 0	16 46	16 41	2 17	12 19	1 25
T 22	17 54	1s21	4 36	19 23	2 1	20 48	0 56	20 55	4 33	11 21	1 1	7 58	2 1	8 59	0 32	17 52	0 11	10 12	17 0	16 46	16 42	2 19	12 20	1 25
W23	17 37	6 11	5 6	18 51	1 59	20 32	0 58	21 2	4 33	11 24	1 1	7 56	2 0	9 0	0 32	17 51	0 11	10 12	17 0	16 46	16 43	2 21	12 20	1 25
T 24	17 20	10 38	5 17	18 17	1 57	20 16	0 59	21 10	4 33	11 26	1 1	7 53	2 0	9 1	0 31	17 50	0 11	10 11	16 59	16 46	16 44	2 23	12 20	1 25
F 25	17 3	14 27	5 9	17 41	1 54	20 0	1 1	21 17	4 34	11 29	1 1	7 50	2 0	9 1	0 31	17 50	0 11	10 11	16 59	16 46	16 45	2 26	12 21	1 25
S 26	16 46	17 24	4 44	17 4	1 50	19 43	1 3	21 24	4 34	11 32	1 0	7 48	2 0	9 2	0 31	17 49	0 11	10 10	16 59	16 46	16 46	2 28	12 21	1 25
S 27	16 28	19 21	4 2	16 25	1 46	19 25	1 4	21 31	4 34	11 34	1 0	7 45	2 0	9 2	0 31	17 48	0 11	10 9	16 58	16 46	16 47	2 30	12 21	1 25
M28	16 11	20 11	3 9	15 45	1 41	19 7	1 6	21 37	4 33	11 37	1 0	7 42	2 0	9 3	0 31	17 48	0 11	10 9	16 58	16 46	16 48	2 32	12 22	1 25
T 29	15 52	19 53	2 5	15 3	1 36	18 48	1 7	21 44	4 33	11 40	1 0	7 40	2 0	9 4	0 31	17 47	0 11	10 8	16 58	16 46	16 49	2 34	12 22	1 25
W30	15 34	18 32	0 57	14 20	1 30	18 29	1 9	21 50	4 33	11 43	0 59	7 37	2 0	9 4	0 31	17 47	0 11	10 8	16 57	16 46	16 50	2 37	12 23	1 25
T 31	15s15	16s16	0s13	13s36	1s23	18s 9	1s10	21n56	4n32	11n46	0s59	7s34	2s 0	9n 5	0s31	17s46	0s11	10s 7	16s57	16n46	16n51	2n39	12n23	1s25

Julian Day Number = 2213414.5, Delta T = 09m12s
Ecliptic obliquity = 23°31'19, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°38'46, Lahiri = 14°45'46 Julian Calendar 1 Jan. 1348 == Greg. Calendar 9 Jan. 1348

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ASTRODIENST EPHEMERIS for the year 1348
geocentric

FEBRUARY 1348 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	9 13 20	19♒46'02	28♒37	29♒34	14♒ 4	10°R26	3♉32	15♓38	24♈39	10♒49	13♈55	13°R43	13♌24	17♈42	6♉29	F 1
S 2	9 17 17	20°46'33	10♓55	1♓25	15°19	10♌ 3	3°41	15°45	24°41	10°51	13°56	13♌43	13°20	17°49	6°30	S 2
S 3	9 21 13	21°47'02	23° 2	3°15	16°34	9°41	3°49	15°52	24°42	10°53	13°57	13°42	13°17	17°56	6°32	S 3
M 4	9 25 10	22°47'30	5♈ 2	5° 3	17°49	9°19	3°58	15°59	24°44	10°56	13°58	13°41	13°14	18° 2	6°34	M 4
T 5	9 29 6	23°47'55	16°55	6°51	19° 4	8°57	4° 6	16° 6	24°46	10°58	13°59	13°39	13°11	18° 9	6°35	T 5
W 6	9 33 3	24°48'19	28°46	8°37	20°19	8°36	4°15	16°14	24°49	11° 0	14° 0	13°38	13° 8	18°16	6°37	W 6
T 7	9 36 59	25°48'41	10♉39	10°21	21°34	8°15	4°24	16°21	24°51	11° 2	14° 1	13°37	13° 5	18°22	6°39	T 7
F 8	9 40 56	26°49'01	22°37	12° 2	22°49	7°55	4°33	16°28	24°53	11° 4	14° 2	13°D36	13° 1	18°29	6°41	F 8
S 9	9 44 52	27°49'19	4♊47	13°41	24° 4	7°35	4°42	16°35	24°55	11° 7	14° 3	13°36	12°58	18°36	6°43	S 9
S 10	9 48 49	28°49'35	17°11	15°16	25°19	7°16	4°52	16°42	24°57	11° 9	14° 4	13°37	12°55	18°43	6°45	S 10
M11	9 52 46	29°49'49	29°55	16°47	26°34	6°58	5° 1	16°50	24°59	11°11	14° 5	13°38	12°52	18°49	6°47	M11
T 12	9 56 42	0♓50'01	13♋ 1	18°13	27°49	6°40	5°11	16°57	25° 2	11°13	14° 6	13°40	12°49	18°56	6°49	T 12
W13	10 0 39	1°50'10	26°33	19°33	29° 4	6°23	5°20	17° 4	25° 4	11°15	14° 7	13°41	12°46	19° 3	6°51	W13
T 14	10 4 35	2°50'18	10♌30	20°48	0♓19	6° 7	5°30	17°11	25° 6	11°18	14° 8	13°R41	12°42	19° 9	6°54	T 14
F 15	10 8 32	3°50'24	24°50	21°57	1°34	5°51	5°40	17°19	25° 9	11°20	14° 9	13°41	12°39	19°16	6°56	F 15
S 16	10 12 28	4°50'28	9♍30	22°58	2°49	5°36	5°50	17°26	25°11	11°22	14°10	13°40	12°36	19°23	6°58	S 16
S 17	10 16 25	5°50'30	24°21	23°52	4° 4	5°22	6° 0	17°33	25°14	11°24	14°11	13°37	12°33	19°30	7° 1	S 17
M18	10 20 21	6°50'30	9♎17	24°38	5°18	5° 8	6°10	17°41	25°16	11°26	14°12	13°34	12°30	19°36	7° 3	M18
T 19	10 24 18	7°50'28	24° 9	25°15	6°33	4°55	6°21	17°48	25°19	11°28	14°14	13°31	12°26	19°43	7° 6	T 19
W20	10 28 15	8°50'25	8♏49	25°44	7°48	4°43	6°31	17°56	25°22	11°30	14°15	13°28	12°23	19°50	7° 8	W20
T 21	10 32 11	9°50'20	23°11	26° 4	9° 3	4°32	6°42	18° 3	25°24	11°32	14°16	13°26	12°20	19°56	7°11	T 21
F 22	10 36 8	10°50'13	7♐14	26°16	10°18	4°22	6°53	18°11	25°27	11°34	14°17	13°D25	12°17	20° 3	7°14	F 22
S 23	10 40 4	11°50'05	20°57	26°R18	11°33	4°12	7° 3	18°18	25°29	11°36	14°18	13°25	12°14	20°10	7°16	S 23
S 24	10 44 1	12°49'55	4♑19	26°12	12°47	4° 3	7°14	18°25	25°32	11°38	14°20	13°26	12°11	20°17	7°19	S 24
M25	10 47 57	13°49'44	17°23	25°57	14° 2	3°55	7°25	18°33	25°35	11°40	14°21	13°28	12° 7	20°23	7°22	M25
T 26	10 51 54	14°49'30	0♒11	25°35	15°17	3°48	7°36	18°40	25°38	11°42	14°22	13°30	12° 4	20°30	7°25	T 26
W27	10 55 50	15°49'15	12°46	25° 5	16°32	3°41	7°47	18°48	25°41	11°44	14°23	13°R30	12° 1	20°37	7°27	W27
T 28	10 59 47	16°48'58	25° 9	24°28	17°46	3°35	7°59	18°55	25°43	11°46	14°25	13°30	11°58	20°43	7°30	T 28
F 29	11 3 44	17♓48'39	7♓24	23♓46	19♓ 1	3♌30	8♉10	19♓ 3	25♈46	11♒48	14♈26	13♌27	11♌55	20♈50	7♉33	F 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	14s56	13s16	1s22	12s50	1s16	17s48	1s12	22n 2	4n32	11n49	0s59	7s31	2s 0	9n 6	0s31	17s45	0s11	10s 6	16s57	16n46	16n52	2n41	12n24	1s25
S 2	14 37	9 44	2 25	12 4	1 8	17 28	1 13	22 8	4 31	11 52	0 59	7 29	2 0	9 6	0 31	17 45	0 11	10 6	16 57	16 46	16 52	2 43	12 24	1 25
S 3	14 18	5 51	3 21	11 16	0 59	17 6	1 14	22 13	4 30	11 55	0 58	7 26	2 0	9 7	0 31	17 44	0 11	10 5	16 56	16 46	16 53	2 45	12 25	1 25
M 4	13 58	1 47	4 8	10 28	0 50	16 44	1 15	22 19	4 29	11 58	0 58	7 23	2 0	9 8	0 31	17 44	0 11	10 5	16 56	16 47	16 54	2 48	12 25	1 25
T 5	13 38	2n19	4 43	9 38	0 40	16 22	1 16	22 23	4 28	12 1	0 58	7 20	2 0	9 9	0 31	17 43	0 11	10 4	16 56	16 47	16 55	2 50	12 26	1 25
W 6	13 18	6 18	5 6	8 49	0 29	15 59	1 17	22 28	4 27	12 5	0 58	7 17	2 0	9 10	0 31	17 42	0 11	10 3	16 55	16 47	16 56	2 52	12 26	1 25
T 7	12 58	10 4	5 16	7 59	0 18	15 36	1 18	22 33	4 26	12 8	0 57	7 15	2 0	9 10	0 31	17 42	0 11	10 3	16 55	16 48	16 57	2 54	12 27	1 25
F 8	12 37	13 27	5 13	7 9	0 6	15 12	1 19	22 37	4 25	12 11	0 57	7 12	2 0	9 11	0 31	17 41	0 11	10 2	16 55	16 48	16 58	2 56	12 28	1 25
S 9	12 16	16 19	4 55	6 20	0n 7	14 48	1 20	22 41	4 23	12 14	0 57	7 9	2 0	9 12	0 31	17 41	0 11	10 1	16 55	16 48	16 59	2 59	12 28	1 25
S 10	11 55	18 31	4 24	5 31	0 20	14 24	1 21	22 44	4 22	12 18	0 57	7 6	2 0	9 13	0 31	17 40	0 11	10 1	16 54	16 48	17 0	3 1	12 29	1 25
M11	11 34	19 52	3 39	4 44	0 33	13 59	1 22	22 48	4 21	12 21	0 56	7 3	2 0	9 14	0 31	17 39	0 11	10 0	16 54	16 47	17 1	3 3	12 30	1 25
T 12	11 13	20 12	2 41	3 57	0 47	13 34	1 22	22 51	4 19	12 25	0 56	7 0	2 0	9 15	0 31	17 39	0 11	10 0	16 54	16 47	17 1	3 5	12 30	1 25
W13	10 51	19 23	1 33	3 13	1 1	13 8	1 23	22 53	4 17	12 28	0 56	6 57	2 0	9 15	0 31	17 38	0 11	9 59	16 54	16 47	17 2	3 7	12 31	1 25
T 14	10 30	17 23	0 18	2 30	1 16	12 42	1 24	22 56	4 16	12 32	0 56	6 55	2 0	9 16	0 31	17 38	0 11	9 58	16 53	16 46	17 3	3 9	12 32	1 25
F 15	10 8	14 15	1n 1	1 50	1 30	12 16	1 24	22 58	4 14	12 35	0 56	6 52	2 0	9 17	0 31	17 37	0 11	9 58	16 53	16 46	17 4	3 12	12 33	1 25
S 16	9 46	10 9	2 18	1 12	1 44	11 49	1 25	23 0	4 12	12 39	0 55	6 49	2 0	9 18	0 31	17 37	0 11	9 57	16 53	16 47	17 5	3 14	12 33	1 25
S 17	9 24	5 24	3 26	0 38	1 58	11 22	1 25	23 2	4 10	12 42	0 55	6 46	2 0	9 19	0 31	17 36	0 11	9 56	16 53	16 48	17 6	3 16	12 34	1 25
M18	9 2	0 17	4 20	0 7	2 12	10 55	1 25	23 4	4 8	12 46	0 55	6 43	2 0	9 20	0 31	17 35	0 11	9 56	16 52	16 48	17 7	3 18	12 35	1 25
T 19	8 39	4s48	4 56	0n20	2 26	10 28	1 26	23 5	4 6	12 49	0 55	6 40	2 0	9 21	0 31	17 35	0 11	9 55	16 52	16 49	17 8	3 20	12 36	1 25
W20	8 17	9 32	5 13	0 43	2 38	10 0	1 26	23 6	4 4	12 53	0 54	6 37	2 0	9 22	0 31	17 34	0 11	9 54	16 52	16 50	17 9	3 23	12 37	1 25
T 21	7 54	13 38	5 10	1 2	2 50	9 32	1 26	23 7	4 2	12 57	0 54	6 34	2 0	9 23	0 31	17 34	0 11	9 54	16 52	16 51	17 10	3 25	12 37	1 25
F 22	7 32	16 52	4 47	1 17	3 1	9 3	1 26	23 7	4 0	13 0	0 54	6 31	2 0	9 24	0 31	17 33	0 11	9 53	16 52	16 51	17 10	3 27	12 38	1 25
S 23	7 9	19 4	4 9	1 27	3 11	8 35	1 26	23 8	3 58	13 4	0 54	6 28	2 0	9 25	0 31	17 33	0 11	9 52	16 51	16 51	17 11	3 29	12 39	1 25
S 24	6 46	20 9	3 18	1 32	3 19	8 6	1 26	23 8	3 56	13 8	0 54	6 26	2 0	9 26	0 31	17 32	0 11	9 52	16 51	16 51	17 12	3 32	12 40	1 25
M25	6 23	20 6	2 18	1 33	3 26	7 37	1 26	23 7	3 54	13 12	0 53	6 23	2 0	9 27	0 31	17 31	0 11	9 51	16 51	16 50	17 13	3 34	12 41	1 25
T 26	6 0	19 0	1 12	1 29	3 32	7 8	1 25	23 7	3 52	13 15	0 53	6 20	2 0	9 28	0 31	17 31	0 11	9 51	16 51	16 50	17 14	3 36	12 42	1 25
W27	5 37	16 58	0 4	1 20	3 36	6 39	1 25	23 7	3 49	13 19	0 53	6 17	2 0	9 29	0 31	17 30	0 11	9 50	16 51	16 50	17 15	3 38	12 43	1 25
T 28	5 13	14 10	1s 3	1 7	3 37	6 9	1 25	23 6	3 47	13 23	0 53	6 14	2 0	9 30	0 30	17 30	0 11	9 49	16 50	16 50	17 16	3 40	12 44	1 25
F 29	4s50	10s47	2s 7	0n51	3n37	5s39	1s25	23n 5	3n45	13n27	0s53	6s11	2s 0	9n31	0s30	17s29	0s11	9s49	16s50	16n51	17n17	3n43	12n45	1s25

Julian Day Number = 2213445.5, Delta T = 09m12s
Ecliptic obliquity = 23°31'20, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°38'50, Lahiri = 14°45'51 Julian Calendar 1 Feb. 1348 == Greg. Calendar 9 Feb. 1348

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ASTRODIENST EPHEMERIS for the year 1348
geocentric

MARCH 1348 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	11 7 40	18♓48'18	19♓30	23°R 0	20♓16	3°R26	8♉22	19♓10	25♈49	11♒50	14♈27	13°R23	11♌51	20♈57	7♉36	S 1
S 2	11 11 37	19°47'55	1♈30	22♓ 9	21°30	3♌23	8°33	19°18	25°52	11°52	14°28	13♌17	11°48	21° 4	7°39	S 2
M 3	11 15 33	20°47'29	13°25	21°17	22°45	3°20	8°45	19°25	25°55	11°54	14°30	13°10	11°45	21°10	7°43	M 3
T 4	11 19 30	21°47'02	25°17	20°23	24° 0	3°18	8°56	19°33	25°58	11°56	14°31	13° 3	11°42	21°17	7°46	T 4
W 5	11 23 26	22°46'32	7♉ 9	19°28	25°14	3°17	9° 8	19°40	26° 1	11°58	14°32	12°56	11°39	21°24	7°49	W 5
T 6	11 27 23	23°46'00	19° 1	18°35	26°29	3°D17	9°20	19°48	26° 4	12° 0	14°34	12°49	11°36	21°30	7°52	T 6
F 7	11 31 19	24°45'26	0♊59	17°44	27°44	3°17	9°32	19°55	26° 7	12° 1	14°35	12°45	11°32	21°37	7°55	F 7
S 8	11 35 16	25°44'50	13° 6	16°56	28°58	3°18	9°44	20° 3	26°10	12° 3	14°36	12°42	11°29	21°44	7°59	S 8
S 9	11 39 12	26°44'12	25°26	16°11	0♈13	3°20	9°56	20°10	26°13	12° 5	14°38	12°D41	11°26	21°51	8° 2	S 9
M10	11 43 9	27°43'31	8♋ 4	15°31	1°27	3°23	10° 8	20°17	26°16	12° 7	14°39	12°42	11°23	21°57	8° 5	M10
T 11	11 47 6	28°42'47	21° 5	14°55	2°42	3°26	10°21	20°25	26°20	12° 8	14°40	12°43	11°20	22° 4	8° 9	T 11
W12	11 51 2	29°42'02	4♌31	14°25	3°56	3°30	10°33	20°32	26°23	12°10	14°42	12°44	11°17	22°11	8°12	W12
T 13	11 54 59	0♈41'14	18°25	14° 0	5°11	3°34	10°45	20°40	26°26	12°12	14°43	12°R44	11°13	22°17	8°16	T 13
F 14	11 58 55	1°40'23	2♍48	13°41	6°25	3°40	10°58	20°47	26°29	12°13	14°45	12°42	11°10	22°24	8°19	F 14
S 15	12 2 52	2°39'31	17°35	13°28	7°39	3°46	11°10	20°54	26°32	12°15	14°46	12°39	11° 7	22°31	8°23	S 15
S 16	12 6 48	3°38'36	2♎42	13°20	8°54	3°52	11°23	21° 2	26°35	12°17	14°47	12°33	11° 4	22°38	8°26	S 16
M17	12 10 45	4°37'39	17°57	13°D18	10° 8	3°59	11°35	21° 9	26°39	12°18	14°49	12°25	11° 1	22°44	8°30	M17
T 18	12 14 41	5°36'40	3♏10	13°21	11°23	4° 7	11°48	21°17	26°42	12°20	14°50	12°17	10°57	22°51	8°33	T 18
W19	12 18 38	6°35'39	18°11	13°30	12°37	4°16	12° 1	21°24	26°45	12°21	14°51	12° 9	10°54	22°58	8°37	W19
T 20	12 22 35	7°34'37	2♐52	13°44	13°51	4°25	12°14	21°31	26°49	12°23	14°53	12° 3	10°51	23° 4	8°41	T 20
F 21	12 26 31	8°33'33	17° 7	14° 3	15° 5	4°34	12°27	21°38	26°52	12°24	14°54	11°59	10°48	23°11	8°44	F 21
S 22	12 30 28	9°32'27	0♑55	14°26	16°20	4°44	12°40	21°46	26°55	12°26	14°56	11°57	10°45	23°18	8°48	S 22
S 23	12 34 24	10°31'19	14°17	14°54	17°34	4°55	12°53	21°53	26°59	12°27	14°57	11°D57	10°42	23°25	8°52	S 23
M24	12 38 21	11°30'10	27°15	15°27	18°48	5° 6	13° 6	22° 0	27° 2	12°28	14°58	11°57	10°38	23°31	8°56	M24
T 25	12 42 17	12°28'58	9♒53	16° 3	20° 2	5°18	13°19	22° 7	27° 5	12°30	15° 0	11°R58	10°35	23°38	9° 0	T 25
W26	12 46 14	13°27'45	22°16	16°43	21°17	5°30	13°32	22°15	27° 9	12°31	15° 1	11°57	10°32	23°45	9° 3	W26
T 27	12 50 10	14°26'31	4♓27	17°27	22°31	5°43	13°45	22°22	27°12	12°32	15° 3	11°55	10°29	23°51	9° 7	T 27
F 28	12 54 7	15°25'14	16°30	18°15	23°45	5°57	13°58	22°29	27°15	12°34	15° 4	11°50	10°26	23°58	9°11	F 28
S 29	12 58 4	16°23'55	28°27	19° 6	24°59	6°11	14°12	22°36	27°19	12°35	15° 6	11°42	10°22	24° 5	9°15	S 29
S 30	13 2 0	17°22'35	10♈20	20° 0	26°13	6°25	14°25	22°43	27°22	12°36	15° 7	11°32	10°19	24°12	9°19	S 30
M31	13 5 57	18♈21'12	22♈12	20♓57	27♈27	6♌40	14♉38	22♓50	27♈26	12♒37	15♈ 8	11♌20	10♌16	24♈18	9♉23	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	4s27	6s59	3s 4	0n30	3n35	5s 9	1s24	23n 4	3n43	13n31	0s52	6s 8	2s 0	9n32	0s30	17s29	0s11	9s48	16s50	16n52	17n18	3n45	12n46	1s25
S 2	4 3	2 56	3 52	0 7	3 32	4 40	1 24	23 2	3 40	13 35	0 52	6 5	2 0	9 33	0 30	17 28	0 11	9 47	16 50	16 53	17 18	3 47	12 46	1 25
M 3	3 40	1n11	4 29	0s19	3 26	4 9	1 23	23 1	3 38	13 39	0 52	6 2	2 0	9 34	0 30	17 28	0 11	9 47	16 50	16 55	17 19	3 49	12 47	1 25
T 4	3 16	5 14	4 55	0 47	3 18	3 39	1 22	22 59	3 36	13 42	0 52	5 59	2 0	9 36	0 30	17 27	0 11	9 46	16 50	16 57	17 20	3 51	12 48	1 25
W 5	2 53	9 5	5 8	1 17	3 9	3 9	1 22	22 57	3 34	13 46	0 52	5 56	2 0	9 37	0 30	17 27	0 11	9 46	16 50	17 0	17 21	3 54	12 49	1 25
T 6	2 29	12 36	5 8	1 48	2 59	2 38	1 21	22 55	3 31	13 50	0 52	5 54	2 0	9 38	0 30	17 26	0 11	9 45	16 49	17 1	17 22	3 56	12 50	1 25
F 7	2 5	15 38	4 54	2 19	2 47	2 8	1 20	22 52	3 29	13 54	0 51	5 51	2 0	9 39	0 30	17 26	0 11	9 44	16 49	17 3	17 23	3 58	12 52	1 25
S 8	1 42	18 2	4 27	2 49	2 34	1 37	1 19	22 50	3 27	13 58	0 51	5 48	2 0	9 40	0 30	17 25	0 11	9 44	16 49	17 3	17 24	4 0	12 53	1 25
S 9	1 18	19 39	3 48	3 20	2 20	1 7	1 18	22 47	3 24	14 2	0 51	5 45	2 0	9 41	0 30	17 25	0 11	9 43	16 49	17 4	17 25	4 2	12 54	1 25
M10	0 54	20 21	2 56	3 49	2 5	0 36	1 17	22 45	3 22	14 6	0 51	5 42	2 0	9 42	0 30	17 24	0 11	9 42	16 49	17 4	17 26	4 5	12 55	1 25
T 11	0 31	19 59	1 54	4 16	1 50	0 5	1 16	22 42	3 20	14 10	0 51	5 39	2 0	9 43	0 30	17 24	0 11	9 42	16 49	17 3	17 26	4 7	12 56	1 25
W12	0 7	18 29	0 44	4 42	1 34	0n25	1 15	22 39	3 18	14 14	0 50	5 36	2 0	9 45	0 30	17 23	0 12	9 41	16 49	17 3	17 27	4 9	12 57	1 25
T 13	0n16	15 51	0n31	5 6	1 19	0 56	1 14	22 35	3 15	14 18	0 50	5 33	2 0	9 46	0 30	17 23	0 12	9 41	16 49	17 3	17 28	4 11	12 58	1 25
F 14	0 40	12 10	1 46	5 28	1 3	1 27	1 13	22 32	3 13	14 22	0 50	5 30	2 0	9 47	0 30	17 23	0 12	9 40	16 49	17 3	17 29	4 13	12 59	1 25
S 15	1 4	7 37	2 56	5 48	0 47	1 57	1 11	22 28	3 11	14 26	0 50	5 28	2 0	9 48	0 30	17 22	0 12	9 39	16 48	17 4	17 30	4 16	13 0	1 25
S 16	1 27	2 32	3 56	6 5	0 32	2 28	1 10	22 25	3 9	14 30	0 50	5 25	2 1	9 49	0 30	17 22	0 12	9 39	16 48	17 6	17 31	4 18	13 1	1 25
M17	1 51	2s46	4 39	6 19	0 17	2 59	1 9	22 21	3 7	14 35	0 50	5 22	2 1	9 51	0 30	17 21	0 12	9 38	16 48	17 8	17 32	4 20	13 2	1 25
T 18	2 14	7 53	5 2	6 31	0 3	3 29	1 7	22 17	3 4	14 39	0 49	5 19	2 1	9 52	0 30	17 21	0 12	9 38	16 48	17 10	17 33	4 22	13 3	1 25
W19	2 38	12 26	5 4	6 41	0s11	3 59	1 6	22 13	3 2	14 43	0 49	5 16	2 1	9 53	0 30	17 20	0 12	9 37	16 48	17 13	17 33	4 25	13 5	1 25
T 20	3 1	16 7	4 46	6 48	0 25	4 30	1 4	22 8	3 0	14 47	0 49	5 13	2 1	9 54	0 30	17 20	0 12	9 37	16 48	17 14	17 34	4 27	13 6	1 25
F 21	3 24	18 44	4 11	6 53	0 38	5 0	1 3	22 4	2 58	14 51	0 49	5 11	2 1	9 55	0 30	17 20	0 12	9 36	16 48	17 15	17 35	4 29	13 7	1 25
S 22	3 48	20 10	3 21	6 55	0 50	5 30	1 1	21 59	2 56	14 55	0 49	5 8	2 1	9 57	0 30	17 19	0 12	9 35	16 48	17 16	17 36	4 31	13 8	1 25
S 23	4 11	20 23	2 23	6 55	1 2	6 0	0 59	21 55	2 54	14 59	0 49	5 5	2 1	9 58	0 30	17 19	0 12	9 35	16 48	17 16	17 37	4 33	13 9	1 26
M24	4 34	19 30	1 18	6 53	1 13	6 30	0 58	21 50	2 52	15 3	0 49	5 2	2 1	9 59	0 30	17 18	0 12	9 34	16 48	17 16	17 38	4 36	13 10	1 26
T 25	4 57	17 39	0 11	6 48	1 24	7 0	0 56	21 45	2 50	15 7	0 48	5 0	2 1	10 0	0 30	17 18	0 12	9 34	16 48	17 16	17 39	4 38	13 12	1 26
W26	5 20	15 0	0s55	6 42	1 34	7 30	0 54	21 40	2 48	15 11	0 48	4 57	2 1	10 1	0 30	17 18	0 12	9 33	16 48	17 16	17 39	4 40	13 13	1 26
T 27	5 43	11 44	1 57	6 33	1 43	7 59	0 52	21 35	2 46	15 15	0 48	4 54	2 2	10 3	0 30	17 17	0 12	9 33	16 48	17 17	17 40	4 42	13 14	1 26
F 28	6 6	8 0	2 53	6 22	1 51	8 28	0 50	21 29	2 44	15 19	0 48	4 51	2 2	10 4	0 30	17 17	0 12	9 32	16 48	17 18	17 41	4 44	13 15	1 26
S 29	6 28	4 0	3 41	6 9	1 59	8 57	0 48	21 24	2 42	15 23	0 48	4 49	2 2	10 5	0 30	17 17	0 12	9 32	16 48	17 20	17 42	4 47	13 16	1 26
S 30	6 51	0n 9	4 19	5 55	2 7	9 26	0 46	21 18	2 40	15 28	0 48	4 46	2 2	10 6	0 30	17 16	0 12	9 31	16 48	17 23	17 43	4 49	13 17	1 26
M31	7n13	4n16	4s45	5s38	2s13	9n55	0s44	21n13	2n38	15n32	0s48	4s43	2s 2	10n 8	0s30	17s16	0s12	9s31	16s48	17n26	17n44	4n51	13n19	1s26

Julian Day Number = 2213474.5, Delta T = 09m11s
Ecliptic obliquity = 23°31'21, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°38'54, Lahiri = 14°45'55 Julian Calendar 1 March 1348 == Greg. Calendar 9 March 1348

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ASTRODIENST EPHEMERIS for the year 1348
geocentric

APRIL 1348 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	13 9 53	19♈19'48	4♉ 4	21♓57	28♈41	6♌55	14♉52	22♓57	27♈29	12♒39	15♈10	11°R 7	10♌13	24♈25	9♉27	T 1
W 2	13 13 50	20°18'22	15°57	23° 0	29°56	7°11	15° 5	23° 4	27°33	12°40	15°11	10♌54	10°10	24°32	9°31	W 2
T 3	13 17 46	21°16'53	27°53	24° 5	1♉10	7°27	15°19	23°11	27°36	12°41	15°13	10°43	10° 7	24°38	9°35	T 3
F 4	13 21 43	22°15'23	9♊54	25°13	2°24	7°44	15°32	23°18	27°39	12°42	15°14	10°33	10° 3	24°45	9°39	F 4
S 5	13 25 39	23°13'50	22° 3	26°24	3°38	8° 1	15°46	23°25	27°43	12°43	15°15	10°27	10° 0	24°52	9°43	S 5
S 6	13 29 36	24°12'16	4♋23	27°37	4°52	8°19	15°59	23°31	27°46	12°44	15°17	10°23	9°57	24°59	9°47	S 6
M 7	13 33 33	25°10'39	16°58	28°52	6° 6	8°36	16°13	23°38	27°50	12°45	15°18	10°21	9°54	25° 5	9°51	M 7
T 8	13 37 29	26° 9'00	29°53	0♈ 9	7°19	8°55	16°27	23°45	27°53	12°46	15°20	10°D21	9°51	25°12	9°55	T 8
W 9	13 41 26	27° 7'19	13♌12	1°29	8°33	9°14	16°40	23°52	27°57	12°47	15°21	10°R21	9°48	25°19	9°59	W 9
T 10	13 45 22	28° 5'36	26°57	2°51	9°47	9°33	16°54	23°58	28° 0	12°48	15°22	10°20	9°44	25°25	10° 3	T 10
F 11	13 49 19	29° 3'51	11♍11	4°14	11° 1	9°52	17° 8	24° 5	28° 4	12°49	15°24	10°18	9°41	25°32	10° 7	F 11
S 12	13 53 15	0♉ 2'04	25°52	5°40	12°15	10°12	17°22	24°11	28° 7	12°49	15°25	10°12	9°38	25°39	10°12	S 12
S 13	13 57 12	1° 0'14	10♎55	7° 8	13°29	10°32	17°35	24°18	28°10	12°50	15°26	10° 4	9°35	25°46	10°16	S 13
M14	14 1 8	1°58'23	26°13	8°38	14°43	10°53	17°49	24°24	28°14	12°51	15°28	9°54	9°32	25°52	10°20	M14
T 15	14 5 5	2°56'30	11♏33	10°10	15°56	11°14	18° 3	24°31	28°17	12°52	15°29	9°44	9°28	25°59	10°24	T 15
W16	14 9 1	3°54'36	26°45	11°43	17°10	11°35	18°17	24°37	28°21	12°52	15°30	9°33	9°25	26° 6	10°28	W16
T 17	14 12 58	4°52'40	11♐38	13°19	18°24	11°57	18°31	24°43	28°24	12°53	15°32	9°24	9°22	26°12	10°32	T 17
F 18	14 16 55	5°50'42	26° 5	14°57	19°37	12°19	18°45	24°50	28°28	12°54	15°33	9°18	9°19	26°19	10°36	F 18
S 19	14 20 51	6°48'43	10♑ 2	16°36	20°51	12°41	18°59	24°56	28°31	12°54	15°35	9°14	9°16	26°26	10°41	S 19
S 20	14 24 48	7°46'43	23°30	18°18	22° 5	13° 4	19°13	25° 2	28°35	12°55	15°36	9°12	9°13	26°33	10°45	S 20
M21	14 28 44	8°44'41	6♒31	20° 1	23°18	13°27	19°27	25° 8	28°38	12°56	15°37	9°12	9° 9	26°39	10°49	M21
T 22	14 32 41	9°42'38	19° 8	21°46	24°32	13°50	19°41	25°14	28°41	12°56	15°38	9°12	9° 6	26°46	10°53	T 22
W23	14 36 37	10°40'34	1♓28	23°34	25°46	14°13	19°55	25°20	28°45	12°57	15°40	9°11	9° 3	26°53	10°57	W23
T 24	14 40 34	11°38'28	13°34	25°23	26°59	14°37	20° 9	25°26	28°48	12°57	15°41	9° 8	9° 0	27° 0	11° 2	T 24
F 25	14 44 30	12°36'21	25°32	27°14	28°13	15° 1	20°23	25°32	28°52	12°57	15°42	9° 2	8°57	27° 6	11° 6	F 25
S 26	14 48 27	13°34'12	7♈25	29° 7	29°26	15°25	20°37	25°38	28°55	12°58	15°44	8°54	8°54	27°13	11°10	S 26
S 27	14 52 24	14°32'03	19°15	1♉ 2	0♊40	15°50	20°51	25°44	28°58	12°58	15°45	8°42	8°50	27°20	11°14	S 27
M28	14 56 20	15°29'52	1♉ 7	2°59	1°53	16°15	21° 5	25°50	29° 2	12°59	15°46	8°29	8°47	27°26	11°18	M28
T 29	15 0 17	16°27'39	13° 0	4°58	3° 7	16°40	21°19	25°55	29° 5	12°59	15°47	8°16	8°44	27°33	11°22	T 29
W30	15 4 13	17♉25'25	24♉58	6♉59	4♊20	17♌ 5	21♉33	26♓ 1	29♈ 8	12♒59	15♈49	8♌ 2	8♌41	27♈40	11♉27	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	7n35	8n13	4s59	5s20	2s19	10n23	0s42	21n 7	2n36	15n36	0s47	4s41	2s 2	10n 9	0s30	17s16	0s12	9s30	16s48	17n30	17n45	4n53	13n20	1s26
W 2	7 58	11 52	5 0	5 0	2 25	10 52	0 40	21 1	2 34	15 40	0 47	4 38	2 2	10 10	0 30	17 15	0 12	9 29	16 48	17 33	17 46	4 56	13 21	1 26
T 3	8 20	15 4	4 48	4 39	2 30	11 20	0 38	20 55	2 32	15 44	0 47	4 35	2 2	10 11	0 30	17 15	0 12	9 29	16 48	17 37	17 46	4 58	13 22	1 26
F 4	8 42	17 40	4 23	4 15	2 34	11 47	0 36	20 49	2 30	15 48	0 47	4 33	2 2	10 13	0 30	17 15	0 12	9 28	16 48	17 39	17 47	5 0	13 24	1 26
S 5	9 3	19 31	3 46	3 51	2 37	12 15	0 33	20 43	2 28	15 52	0 47	4 30	2 3	10 14	0 30	17 15	0 12	9 28	16 48	17 41	17 48	5 2	13 25	1 26
S 6	9 25	20 29	2 58	3 24	2 40	12 42	0 31	20 36	2 26	15 56	0 47	4 27	2 3	10 15	0 30	17 14	0 12	9 28	16 48	17 42	17 49	5 4	13 26	1 26
M 7	9 47	20 27	2 1	2 56	2 43	13 9	0 29	20 30	2 24	16 0	0 47	4 25	2 3	10 16	0 30	17 14	0 12	9 27	16 48	17 42	17 50	5 7	13 27	1 26
T 8	10 8	19 21	0 55	2 27	2 45	13 35	0 27	20 23	2 23	16 4	0 47	4 22	2 3	10 18	0 30	17 14	0 12	9 27	16 48	17 42	17 51	5 9	13 28	1 26
W 9	10 29	17 9	0n15	1 57	2 46	14 1	0 24	20 16	2 21	16 8	0 46	4 20	2 3	10 19	0 30	17 13	0 12	9 26	16 48	17 42	17 51	5 11	13 30	1 26
T 10	10 50	13 56	1 27	1 25	2 46	14 27	0 22	20 9	2 19	16 12	0 46	4 17	2 3	10 20	0 30	17 13	0 12	9 26	16 48	17 43	17 52	5 13	13 31	1 26
F 11	11 11	9 47	2 35	0 51	2 47	14 52	0 20	20 2	2 17	16 16	0 46	4 15	2 3	10 21	0 30	17 13	0 12	9 25	16 48	17 43	17 53	5 15	13 32	1 27
S 12	11 31	4 57	3 36	0 17	2 46	15 18	0 17	19 55	2 15	16 20	0 46	4 12	2 4	10 23	0 30	17 13	0 12	9 25	16 48	17 45	17 54	5 18	13 33	1 27
S 13	11 52	0s18	4 23	0n19	2 45	15 42	0 15	19 48	2 14	16 24	0 46	4 10	2 4	10 24	0 30	17 13	0 12	9 24	16 48	17 47	17 55	5 20	13 35	1 27
M14	12 12	5 37	4 52	0 56	2 43	16 7	0 12	19 41	2 12	16 28	0 46	4 7	2 4	10 25	0 30	17 12	0 12	9 24	16 49	17 50	17 56	5 22	13 36	1 27
T 15	12 32	10 35	5 0	1 34	2 41	16 30	0 10	19 33	2 10	16 32	0 46	4 5	2 4	10 26	0 30	17 12	0 12	9 23	16 49	17 53	17 57	5 24	13 37	1 27
W16	12 52	14 50	4 47	2 13	2 38	16 54	0 8	19 26	2 9	16 36	0 46	4 3	2 4	10 28	0 30	17 12	0 12	9 23	16 49	17 55	17 57	5 27	13 38	1 27
T 17	13 12	18 3	4 15	2 54	2 35	17 17	0 5	19 18	2 7	16 40	0 46	4 0	2 4	10 29	0 30	17 12	0 12	9 23	16 49	17 58	17 58	5 29	13 39	1 27
F 18	13 31	20 1	3 27	3 35	2 31	17 40	0 3	19 10	2 5	16 44	0 45	3 58	2 5	10 30	0 30	17 12	0 12	9 22	16 49	17 59	17 59	5 31	13 41	1 27
S 19	13 50	20 41	2 28	4 17	2 27	18 2	0 0	19 2	2 4	16 48	0 45	3 56	2 5	10 31	0 30	17 12	0 12	9 22	16 49	18 1	18 0	5 33	13 42	1 27
S 20	14 9	20 7	1 22	5 1	2 22	18 23	0n 2	18 54	2 2	16 52	0 45	3 53	2 5	10 32	0 30	17 11	0 12	9 21	16 49	18 1	18 1	5 35	13 43	1 27
M21	14 28	18 29	0 14	5 45	2 16	18 45	0 5	18 46	2 1	16 56	0 45	3 51	2 5	10 34	0 30	17 11	0 12	9 21	16 49	18 1	18 2	5 38	13 44	1 27
T 22	14 46	15 58	0s52	6 30	2 10	19 5	0 7	18 38	1 59	17 0	0 45	3 49	2 5	10 35	0 30	17 11	0 12	9 21	16 49	18 1	18 3	5 40	13 46	1 27
W23	15 5	12 47	1 55	7 16	2 4	19 26	0 10	18 29	1 57	17 3	0 45	3 47	2 5	10 36	0 30	17 11	0 12	9 20	16 50	18 1	18 3	5 42	13 47	1 27
T 24	15 23	9 6	2 51	8 2	1 57	19 45	0 12	18 21	1 56	17 7	0 45	3 44	2 6	10 37	0 30	17 11	0 12	9 20	16 50	18 2	18 4	5 44	13 48	1 28
F 25	15 40	5 7	3 39	8 49	1 50	20 4	0 15	18 12	1 54	17 11	0 45	3 42	2 6	10 39	0 30	17 11	0 12	9 20	16 50	18 4	18 5	5 47	13 49	1 28
S 26	15 58	0 58	4 16	9 37	1 42	20 23	0 17	18 4	1 53	17 15	0 45	3 40	2 6	10 40	0 30	17 11	0 12	9 19	16 50	18 6	18 6	5 49	13 50	1 28
S 27	16 15	3n12	4 43	10 25	1 33	20 41	0 20	17 55	1 51	17 19	0 45	3 38	2 6	10 41	0 30	17 11	0 12	9 19	16 50	18 9	18 7	5 51	13 52	1 28
M28	16 32	7 15	4 57	11 13	1 25	20 59	0 22	17 46	1 50	17 22	0 45	3 36	2 6	10 42	0 30	17 11	0 12	9 19	16 50	18 12	18 8	5 53	13 53	1 28
T 29	16 49	11 3	4 59	12 2	1 16	21 16	0 25	17 37	1 48	17 26	0 44	3 34	2 7	10 43	0 30	17 10	0 12	9 18	16 50	18 16	18 8	5 55	13 54	1 28
W30	17n 5	14n26	4s47	12n51	1s 6	21n32	0n27	17n28	1n47	17n30	0s44	3s32	2s 7	10n44	0s30	17s10	0s12	9s18	16s51	18n19	18n 9	5n58	13n55	1s28

Julian Day Number = 2213505.5, Delta T = 09m11s
Ecliptic obliquity = 23°31'21, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°38'58, Lahiri = 14°45'59 Julian Calendar 1 Apr. 1348 == Greg. Calendar 9 Apr. 1348

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ASTRODIENST EPHEMERIS for the year 1348
geocentric

MAY 1348 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	15 8 10	18♉23'10	7♊ 0	9♉ 1	5♊34	17♌31	21♉47	26♓ 7	29♈12	12♒59	15♈50	7°R49	8♌38	27♈47	11♉31	T 1
F 2	15 12 6	19°20'54	19° 9	11° 5	6°47	17°57	22° 1	26°12	29°15	12°59	15°51	7♌39	8°34	27°53	11°35	F 2
S 3	15 16 3	20°18'36	1♋26	13°11	8° 1	18°23	22°15	26°17	29°18	13° 0	15°52	7°32	8°31	28° 0	11°39	S 3
S 4	15 19 59	21°16'16	13°53	15°18	9°14	18°49	22°29	26°23	29°22	13° 0	15°53	7°27	8°28	28° 7	11°43	S 4
M 5	15 23 56	22°13'55	26°34	17°27	10°27	19°16	22°43	26°28	29°25	13° 0	15°55	7°25	8°25	28°13	11°47	M 5
T 6	15 27 53	23°11'32	9♌30	19°36	11°41	19°43	22°57	26°33	29°28	13° 0	15°56	7°D25	8°22	28°20	11°52	T 6
W 7	15 31 49	24° 9'08	22°46	21°47	12°54	20°10	23°11	26°38	29°31	13°R 0	15°57	7°R25	8°19	28°27	11°56	W 7
T 8	15 35 46	25° 6'43	6♍25	23°58	14° 7	20°37	23°26	26°44	29°34	13° 0	15°58	7°25	8°15	28°34	12° 0	T 8
F 9	15 39 42	26° 4'15	20°28	26°10	15°20	21° 5	23°40	26°49	29°38	13° 0	15°59	7°23	8°12	28°40	12° 4	F 9
S 10	15 43 39	27° 1'47	4♎56	28°21	16°34	21°32	23°54	26°54	29°41	13° 0	16° 0	7°18	8° 9	28°47	12° 8	S 10
S 11	15 47 35	27°59'17	19°44	0♊33	17°47	22° 0	24° 8	26°58	29°44	13° 0	16° 1	7°12	8° 6	28°54	12°12	S 11
M12	15 51 32	28°56'45	4♏48	2°45	19° 0	22°28	24°22	27° 3	29°47	13° 0	16° 3	7° 3	8° 3	29° 1	12°16	M12
T 13	15 55 28	29°54'13	19°58	4°55	20°13	22°57	24°36	27° 8	29°50	12°59	16° 4	6°53	7°59	29° 7	12°20	T 13
W14	15 59 25	0♊51'39	5♐ 3	7° 5	21°26	23°25	24°50	27°13	29°53	12°59	16° 5	6°44	7°56	29°14	12°24	W14
T 15	16 3 22	1°49'05	19°54	9°14	22°39	23°54	25° 4	27°17	29°56	12°59	16° 6	6°36	7°53	29°21	12°28	T 15
F 16	16 7 18	2°46'29	4♑23	11°22	23°52	24°23	25°18	27°22	29°59	12°59	16° 7	6°30	7°50	29°27	12°32	F 16
S 17	16 11 15	3°43'53	18°25	13°27	25° 5	24°52	25°32	27°26	0♉ 2	12°58	16° 8	6°26	7°47	29°34	12°36	S 17
S 18	16 15 11	4°41'16	1♒58	15°31	26°18	25°21	25°46	27°30	0° 5	12°58	16° 9	6°D25	7°44	29°41	12°40	S 18
M19	16 19 8	5°38'39	15° 4	17°34	27°31	25°50	26° 0	27°35	0° 8	12°58	16°10	6°25	7°40	29°48	12°44	M19
T 20	16 23 4	6°36'00	27°46	19°34	28°44	26°20	26°14	27°39	0°11	12°57	16°11	6°26	7°37	29°54	12°48	T 20
W21	16 27 1	7°33'22	10♓ 8	21°32	29°57	26°50	26°28	27°43	0°14	12°57	16°12	6°R26	7°34	0♉ 1	12°52	W21
T 22	16 30 57	8°30'42	22°16	23°27	1♋10	27°20	26°41	27°47	0°17	12°57	16°13	6°25	7°31	0° 8	12°56	T 22
F 23	16 34 54	9°28'02	4♈13	25°21	2°23	27°50	26°55	27°51	0°20	12°56	16°14	6°22	7°28	0°14	13° 0	F 23
S 24	16 38 51	10°25'22	16° 5	27°12	3°36	28°20	27° 9	27°55	0°23	12°56	16°14	6°17	7°25	0°21	13° 4	S 24
S 25	16 42 47	11°22'41	27°56	29° 0	4°49	28°51	27°23	27°59	0°26	12°55	16°15	6° 9	7°21	0°28	13° 7	S 25
M26	16 46 44	12°19'59	9♉49	0♋47	6° 2	29°21	27°37	28° 2	0°28	12°54	16°16	6° 0	7°18	0°35	13°11	M26
T 27	16 50 40	13°17'17	21°47	2°30	7°15	29°52	27°51	28° 6	0°31	12°54	16°17	5°51	7°15	0°41	13°15	T 27
W28	16 54 37	14°14'35	3♊52	4°11	8°27	0♍23	28° 4	28° 9	0°34	12°53	16°18	5°41	7°12	0°48	13°19	W28
T 29	16 58 33	15°11'52	16° 4	5°50	9°40	0°54	28°18	28°13	0°37	12°53	16°19	5°32	7° 9	0°55	13°23	T 29
F 30	17 2 30	16° 9'09	28°25	7°26	10°53	1°25	28°32	28°16	0°39	12°52	16°20	5°25	7° 5	1° 2	13°26	F 30
S 31	17 6 26	17♊ 6'25	10♋56	9♋ 0	12♋ 6	1♍57	28♉46	28♓19	0♉42	12♒51	16♈20	5♌20	7♌ 2	1♉ 8	13♉30	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17n22	17n14	4s22	13n40	0s56	21n48	0n30	17n18	1n45	17n34	0s44	3s30	2s 7	10n46	0s30	17s10	0s12	9s18	16s51	18n23	18n10	6n 0	13n57	1s28
F 2	17 38	19 20	3 46	14 28	0 46	22 3	0 32	17 9	1 44	17 37	0 44	3 28	2 7	10 47	0 30	17 10	0 12	9 17	16 51	18 25	18 11	6 2	13 58	1 28
S 3	17 53	20 33	2 58	15 17	0 36	22 17	0 35	17 0	1 42	17 41	0 44	3 26	2 7	10 48	0 30	17 10	0 12	9 17	16 51	18 27	18 12	6 4	13 59	1 28
S 4	18 8	20 47	2 1	16 4	0 26	22 31	0 37	16 50	1 41	17 45	0 44	3 24	2 8	10 49	0 30	17 10	0 12	9 17	16 51	18 28	18 13	6 7	14 0	1 28
M 5	18 23	19 59	0 57	16 51	0 15	22 45	0 40	16 40	1 40	17 48	0 44	3 22	2 8	10 50	0 30	17 10	0 12	9 17	16 52	18 29	18 13	6 9	14 1	1 28
T 6	18 38	18 7	0n11	17 37	0 5	22 57	0 42	16 31	1 38	17 52	0 44	3 20	2 8	10 51	0 30	17 10	0 12	9 16	16 52	18 29	18 14	6 11	14 2	1 29
W 7	18 53	15 14	1 21	18 22	0n 6	23 9	0 44	16 21	1 37	17 56	0 44	3 18	2 8	10 53	0 30	17 10	0 12	9 16	16 52	18 29	18 15	6 13	14 4	1 29
T 8	19 7	11 28	2 27	19 6	0 17	23 21	0 47	16 11	1 35	17 59	0 44	3 16	2 8	10 54	0 30	17 10	0 13	9 16	16 52	18 29	18 16	6 15	14 5	1 29
F 9	19 20	6 58	3 27	19 48	0 27	23 32	0 49	16 0	1 34	18 3	0 44	3 14	2 9	10 55	0 30	17 10	0 13	9 16	16 52	18 29	18 17	6 18	14 6	1 29
S 10	19 34	1 57	4 16	20 28	0 37	23 42	0 51	15 50	1 33	18 6	0 44	3 13	2 9	10 56	0 30	17 10	0 13	9 15	16 53	18 31	18 17	6 20	14 7	1 29
S 11	19 47	3s17	4 49	21 6	0 47	23 51	0 54	15 40	1 31	18 10	0 43	3 11	2 9	10 57	0 30	17 10	0 13	9 15	16 53	18 32	18 18	6 22	14 8	1 29
M12	20 0	8 25	5 2	21 42	0 56	24 0	0 56	15 29	1 30	18 14	0 43	3 9	2 9	10 58	0 30	17 10	0 13	9 15	16 53	18 34	18 19	6 24	14 9	1 29
T 13	20 12	13 3	4 55	22 16	1 5	24 7	0 58	15 19	1 29	18 17	0 43	3 7	2 9	10 59	0 30	17 11	0 13	9 15	16 53	18 37	18 20	6 27	14 10	1 29
W14	20 24	16 50	4 27	22 47	1 14	24 15	1 0	15 8	1 27	18 21	0 43	3 6	2 10	11 0	0 30	17 11	0 13	9 15	16 54	18 39	18 21	6 29	14 12	1 29
T 15	20 36	19 28	3 41	23 16	1 22	24 21	1 2	14 57	1 26	18 24	0 43	3 4	2 10	11 1	0 30	17 11	0 13	9 15	16 54	18 41	18 22	6 31	14 13	1 30
F 16	20 47	20 45	2 42	23 42	1 29	24 27	1 4	14 47	1 25	18 27	0 43	3 3	2 10	11 2	0 30	17 11	0 13	9 14	16 54	18 43	18 22	6 33	14 14	1 30
S 17	20 58	20 41	1 34	24 5	1 36	24 32	1 7	14 36	1 24	18 31	0 43	3 1	2 10	11 4	0 30	17 11	0 13	9 14	16 54	18 44	18 23	6 35	14 15	1 30
S 18	21 9	19 24	0 24	24 26	1 42	24 37	1 9	14 25	1 22	18 34	0 43	2 59	2 11	11 5	0 30	17 11	0 13	9 14	16 55	18 44	18 24	6 38	14 16	1 30
M19	21 19	17 6	0s46	24 43	1 48	24 40	1 11	14 13	1 21	18 38	0 43	2 58	2 11	11 6	0 30	17 11	0 13	9 14	16 55	18 44	18 25	6 40	14 17	1 30
T 20	21 29	14 2	1 52	24 59	1 52	24 43	1 12	14 2	1 20	18 41	0 43	2 57	2 11	11 7	0 30	17 11	0 13	9 14	16 55	18 44	18 26	6 42	14 18	1 30
W21	21 39	10 25	2 50	25 11	1 56	24 46	1 14	13 51	1 19	18 44	0 43	2 55	2 11	11 8	0 30	17 11	0 13	9 14	16 55	18 44	18 27	6 44	14 19	1 30
T 22	21 48	6 27	3 40	25 21	1 59	24 47	1 16	13 39	1 17	18 47	0 43	2 54	2 12	11 9	0 30	17 11	0 13	9 14	16 56	18 44	18 27	6 47	14 20	1 30
F 23	21 57	2 17	4 19	25 28	2 2	24 48	1 18	13 28	1 16	18 51	0 43	2 52	2 12	11 10	0 30	17 12	0 13	9 14	16 56	18 45	18 28	6 49	14 21	1 30
S 24	22 5	1n56	4 47	25 33	2 4	24 48	1 20	13 16	1 15	18 54	0 43	2 51	2 12	11 11	0 30	17 12	0 13	9 13	16 56	18 46	18 29	6 51	14 22	1 31
S 25	22 13	6 4	5 2	25 36	2 5	24 47	1 21	13 4	1 14	18 57	0 43	2 50	2 12	11 12	0 30	17 12	0 13	9 13	16 56	18 48	18 30	6 53	14 23	1 31
M26	22 21	9 59	5 5	25 36	2 5	24 46	1 23	12 52	1 13	19 0	0 43	2 49	2 13	11 13	0 30	17 12	0 13	9 13	16 57	18 50	18 31	6 55	14 24	1 31
T 27	22 28	13 33	4 54	25 34	2 4	24 44	1 25	12 40	1 11	19 3	0 42	2 47	2 13	11 14	0 30	17 12	0 13	9 13	16 57	18 53	18 31	6 58	14 25	1 31
W28	22 35	16 35	4 30	25 30	2 3	24 41	1 26	12 28	1 10	19 7	0 42	2 46	2 13	11 15	0 30	17 13	0 13	9 13	16 57	18 55	18 32	7 0	14 26	1 31
T 29	22 42	18 56	3 53	25 24	2 1	24 38	1 28	12 16	1 9	19 10	0 42	2 45	2 13	11 15	0 30	17 13	0 13	9 13	16 58	18 57	18 33	7 2	14 27	1 31
F 30	22 48	20 26	3 5	25 17	1 58	24 33	1 29	12 4	1 8	19 13	0 42	2 44	2 14	11 16	0 30	17 13	0 13	9 13	16 58	18 59	18 34	7 4	14 28	1 31
S 31	22n54	20n57	2s 7	25n 8	1n55	24n28	1n30	11n52	1n 7	19n16	0s42	2s43	2s14	11n17	0s30	17s13	0s13	9s13	16s58	19n 0	18n35	7n 7	14n29	1s32

Julian Day Number = 2213535.5, Delta T = 09m11s
Ecliptic obliquity = 23°31'20, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°39'03, Lahiri = 14°46'03 Julian Calendar 1 May 1348 == Greg. Calendar 9 May 1348

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ASTRODIENST EPHEMERIS for the year 1348
geocentric

JUNE 1348 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	17 10 23	18♊ 3'40	23♋38	10♋31	13♋18	2♍28	28♉59	28♓23	0♉45	12°R50	16♈21	5°R18	6♌59	1♉15	13♉34	S 1
M 2	17 14 20	19° 0'55	6♌33	12° 0	14°31	3° 0	29°13	28°26	0°47	12♒50	16°22	5°D17	6°56	1°22	13°37	M 2
T 3	17 18 16	19°58'09	19°41	13°26	15°44	3°32	29°26	28°29	0°50	12°49	16°23	5♌18	6°53	1°28	13°41	T 3
W 4	17 22 13	20°55'22	3♍ 4	14°49	16°56	4° 4	29°40	28°32	0°52	12°48	16°23	5°19	6°50	1°35	13°44	W 4
T 5	17 26 9	21°52'35	16°44	16° 9	18° 9	4°36	29°53	28°34	0°55	12°47	16°24	5°R20	6°46	1°42	13°48	T 5
F 6	17 30 6	22°49'47	0♎42	17°27	19°21	5° 8	0♊ 7	28°37	0°57	12°46	16°25	5°20	6°43	1°49	13°51	F 6
S 7	17 34 2	23°46'58	14°57	18°43	20°34	5°41	0°20	28°40	0°59	12°45	16°25	5°18	6°40	1°55	13°55	S 7
S 8	17 37 59	24°44'09	29°28	19°55	21°46	6°13	0°34	28°42	1° 2	12°44	16°26	5°15	6°37	2° 2	13°58	S 8
M 9	17 41 55	25°41'19	14♏10	21° 4	22°59	6°46	0°47	28°45	1° 4	12°43	16°27	5°10	6°34	2° 9	14° 2	M 9
T 10	17 45 52	26°38'29	28°57	22°11	24°11	7°19	1° 0	28°47	1° 6	12°42	16°27	5° 4	6°31	2°16	14° 5	T 10
W11	17 49 49	27°35'39	13♐42	23°14	25°24	7°52	1°14	28°49	1° 9	12°41	16°28	4°59	6°27	2°22	14° 8	W11
T 12	17 53 45	28°32'48	28°16	24°15	26°36	8°25	1°27	28°51	1°11	12°40	16°28	4°54	6°24	2°29	14°12	T 12
F 13	17 57 42	29°29'58	12♑34	25°12	27°48	8°58	1°40	28°53	1°13	12°39	16°29	4°51	6°21	2°36	14°15	F 13
S 14	18 1 38	0♋27'07	26°30	26° 6	29° 0	9°31	1°53	28°55	1°15	12°38	16°30	4°49	6°18	2°42	14°18	S 14
S 15	18 5 35	1°24'17	10♒ 1	26°56	0♌13	10° 5	2° 6	28°57	1°17	12°37	16°30	4°D49	6°15	2°49	14°21	S 15
M16	18 9 31	2°21'26	23° 8	27°43	1°25	10°38	2°19	28°59	1°19	12°36	16°31	4°50	6°11	2°56	14°24	M16
T 17	18 13 28	3°18'36	5♓53	28°27	2°37	11°12	2°32	29° 1	1°21	12°35	16°31	4°52	6° 8	3° 3	14°28	T 17
W18	18 17 25	4°15'46	18°18	29° 6	3°49	11°46	2°45	29° 2	1°23	12°34	16°31	4°53	6° 5	3° 9	14°31	W18
T 19	18 21 21	5°12'56	0♈29	29°42	5° 1	12°20	2°58	29° 4	1°25	12°32	16°32	4°R54	6° 2	3°16	14°34	T 19
F 20	18 25 18	6°10'07	12°28	0♌14	6°13	12°54	3°11	29° 5	1°27	12°31	16°32	4°54	5°59	3°23	14°37	F 20
S 21	18 29 14	7° 7'18	24°22	0°41	7°25	13°28	3°24	29° 6	1°29	12°30	16°33	4°53	5°56	3°29	14°40	S 21
S 22	18 33 11	8° 4'30	6♉15	1° 4	8°37	14° 2	3°36	29° 7	1°31	12°29	16°33	4°50	5°52	3°36	14°43	S 22
M23	18 37 7	9° 1'42	18°10	1°23	9°49	14°36	3°49	29° 8	1°33	12°27	16°33	4°47	5°49	3°43	14°45	M23
T 24	18 41 4	9°58'54	0♊12	1°37	11° 1	15°11	4° 2	29° 9	1°34	12°26	16°34	4°43	5°46	3°50	14°48	T 24
W25	18 45 0	10°56'07	12°24	1°47	12°13	15°45	4°14	29°10	1°36	12°25	16°34	4°39	5°43	3°56	14°51	W25
T 26	18 48 57	11°53'21	24°46	1°52	13°25	16°20	4°27	29°11	1°38	12°24	16°34	4°35	5°40	4° 3	14°54	T 26
F 27	18 52 54	12°50'35	7♋22	1°R52	14°37	16°55	4°39	29°12	1°39	12°22	16°34	4°33	5°37	4°10	14°56	F 27
S 28	18 56 50	13°47'49	20°11	1°47	15°49	17°30	4°52	29°12	1°41	12°21	16°35	4°31	5°33	4°17	14°59	S 28
S 29	19 0 47	14°45'04	3♌13	1°37	17° 0	18° 5	5° 4	29°13	1°43	12°19	16°35	4°D30	5°30	4°23	15° 2	S 29
M30	19 4 43	15♋42'19	16♌29	1♌23	18♌12	18♍40	5♊16	29♓13	1♉44	12♒18	16♈35	4♌31	5♌27	4♉30	15♉ 4	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n59	20n25	1s 2	24n57	1n51	24n23	1n32	11n39	1n 6	19n19	0s42	2s42	2s14	11n18	0s30	17s13	0s13	9s13	16s58	19n 1	18n35	7n 9	14n30	1s32
M 2	23 4	18 49	0n 7	24 44	1 46	24 16	1 33	11 27	1 5	19 22	0 42	2 41	2 14	11 19	0 30	17 14	0 13	9 13	16 59	19 1	18 36	7 11	14 31	1 32
T 3	23 8	16 11	1 17	24 31	1 41	24 9	1 34	11 14	1 4	19 25	0 42	2 40	2 15	11 20	0 30	17 14	0 13	9 13	16 59	19 1	18 37	7 13	14 32	1 32
W 4	23 13	12 40	2 25	24 16	1 35	24 1	1 35	11 1	1 2	19 28	0 42	2 39	2 15	11 21	0 30	17 14	0 13	9 13	16 59	19 0	18 38	7 15	14 33	1 32
T 5	23 16	8 24	3 25	24 0	1 28	23 53	1 36	10 48	1 1	19 31	0 42	2 38	2 15	11 22	0 30	17 14	0 13	9 13	17 0	19 0	18 39	7 18	14 34	1 32
F 6	23 20	3 37	4 15	23 43	1 21	23 44	1 37	10 36	1 0	19 34	0 42	2 37	2 15	11 22	0 30	17 15	0 13	9 13	17 0	19 0	18 39	7 20	14 35	1 32
S 7	23 23	1s27	4 51	23 25	1 13	23 34	1 38	10 23	0 59	19 37	0 42	2 36	2 16	11 23	0 30	17 15	0 13	9 13	17 0	19 1	18 40	7 22	14 36	1 33
S 8	23 25	6 31	5 8	23 6	1 4	23 23	1 39	10 10	0 58	19 39	0 42	2 36	2 16	11 24	0 30	17 15	0 13	9 13	17 1	19 1	18 41	7 24	14 37	1 33
M 9	23 27	11 16	5 6	22 47	0 55	23 12	1 40	9 56	0 57	19 42	0 42	2 35	2 16	11 25	0 30	17 16	0 13	9 13	17 1	19 3	18 42	7 27	14 38	1 33
T 10	23 29	15 23	4 43	22 26	0 46	23 0	1 41	9 43	0 56	19 45	0 42	2 34	2 17	11 26	0 30	17 16	0 13	9 13	17 1	19 4	18 43	7 29	14 39	1 33
W11	23 30	18 31	4 2	22 6	0 36	22 48	1 41	9 30	0 55	19 48	0 42	2 34	2 17	11 26	0 30	17 16	0 13	9 14	17 2	19 5	18 43	7 31	14 39	1 33
T 12	23 31	20 25	3 6	21 45	0 25	22 34	1 42	9 17	0 54	19 50	0 42	2 33	2 17	11 27	0 30	17 16	0 13	9 14	17 2	19 6	18 44	7 33	14 40	1 33
F 13	23 31	20 58	1 58	21 24	0 14	22 21	1 42	9 3	0 53	19 53	0 42	2 33	2 17	11 28	0 30	17 17	0 13	9 14	17 2	19 7	18 45	7 35	14 41	1 33
S 14	23 31	20 11	0 45	21 2	0 2	22 6	1 43	8 50	0 52	19 56	0 42	2 32	2 18	11 29	0 30	17 17	0 13	9 14	17 3	19 8	18 46	7 38	14 42	1 34
S 15	23 31	18 15	0s28	20 40	0s10	21 51	1 43	8 36	0 51	19 58	0 42	2 32	2 18	11 29	0 30	17 17	0 13	9 14	17 3	19 8	18 47	7 40	14 43	1 34
M16	23 30	15 24	1 38	20 19	0 23	21 36	1 43	8 22	0 50	20 1	0 42	2 31	2 18	11 30	0 30	17 18	0 13	9 14	17 3	19 7	18 47	7 42	14 43	1 34
T 17	23 29	11 53	2 42	19 57	0 36	21 19	1 44	8 8	0 49	20 4	0 42	2 31	2 18	11 31	0 30	17 18	0 13	9 14	17 4	19 7	18 48	7 44	14 44	1 34
W18	23 27	7 57	3 36	19 36	0 49	21 3	1 44	7 55	0 48	20 6	0 42	2 30	2 19	11 32	0 30	17 18	0 13	9 14	17 4	19 7	18 49	7 46	14 45	1 34
T 19	23 25	3 46	4 19	19 15	1 3	20 45	1 44	7 41	0 47	20 9	0 42	2 30	2 19	11 32	0 30	17 19	0 13	9 15	17 4	19 6	18 50	7 49	14 46	1 34
F 20	23 23	0n30	4 50	18 55	1 17	20 27	1 44	7 27	0 46	20 11	0 42	2 30	2 19	11 33	0 30	17 19	0 13	9 15	17 5	19 6	18 51	7 51	14 46	1 34
S 21	23 20	4 42	5 8	18 35	1 31	20 9	1 43	7 13	0 45	20 14	0 42	2 29	2 20	11 33	0 30	17 20	0 13	9 15	17 5	19 7	18 51	7 53	14 47	1 35
S 22	23 16	8 43	5 13	18 16	1 46	19 50	1 43	6 58	0 44	20 16	0 42	2 29	2 20	11 34	0 30	17 20	0 13	9 15	17 5	19 7	18 52	7 55	14 48	1 35
M23	23 13	12 25	5 5	17 58	2 1	19 30	1 43	6 44	0 43	20 18	0 41	2 29	2 20	11 35	0 30	17 20	0 13	9 15	17 6	19 8	18 53	7 58	14 48	1 35
T 24	23 9	15 39	4 43	17 40	2 15	19 10	1 43	6 30	0 42	20 21	0 41	2 29	2 20	11 35	0 30	17 21	0 13	9 15	17 6	19 9	18 54	8 0	14 49	1 35
W25	23 4	18 15	4 8	17 24	2 30	18 50	1 42	6 16	0 41	20 23	0 41	2 29	2 21	11 36	0 30	17 21	0 13	9 16	17 6	19 10	18 54	8 2	14 50	1 35
T 26	22 59	20 4	3 21	17 8	2 45	18 28	1 42	6 1	0 40	20 26	0 41	2 29	2 21	11 36	0 30	17 21	0 13	9 16	17 7	19 11	18 55	8 4	14 50	1 35
F 27	22 54	20 55	2 24	16 54	2 59	18 7	1 41	5 47	0 39	20 28	0 41	2 29	2 21	11 37	0 30	17 22	0 13	9 16	17 7	19 12	18 56	8 6	14 51	1 36
S 28	22 48	20 43	1 18	16 41	3 13	17 45	1 40	5 32	0 38	20 30	0 41	2 29	2 22	11 37	0 30	17 22	0 13	9 16	17 7	19 12	18 57	8 9	14 52	1 36
S 29	22 42	19 23	0 7	16 30	3 27	17 22	1 40	5 18	0 37	20 32	0 41	2 29	2 22	11 38	0 30	17 23	0 13	9 17	17 8	19 12	18 58	8 11	14 52	1 36
M30	22n36	17n 0	1n 6	16n20	3s40	16n59	1n39	5n 3	0n36	20n35	0s41	2s29	2s22	11n38	0s30	17s23	0s13	9s17	17s 8	19n12	18n58	8n13	14n53	1s36

Julian Day Number = 2213566.5, Delta T = 09m11s
Ecliptic obliquity = 23°31'20, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°39'07, Lahiri = 14°46'07 Julian Calendar 1 June 1348 == Greg. Calendar 9 June 1348

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ASTRODIENST EPHEMERIS for the year 1348
geocentric

JULY 1348 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	19 8 40	16♋39'34	29♌58	1°R 4	19♌24	19♍15	5♊28	29♓13	1♉45	12°R17	16♈35	4♌32	5♌24	4♉37	15♉ 7	T 1
W 2	19 12 36	17°36'50	13♍38	0♌40	20°35	19°51	5°40	29°13	1°47	12♒15	16°35	4°33	5°21	4°43	15° 9	W 2
T 3	19 16 33	18°34'06	27°31	0°13	21°47	20°26	5°52	29°R13	1°48	12°14	16°36	4°34	5°17	4°50	15°12	T 3
F 4	19 20 29	19°31'22	11♎33	29♋41	22°58	21° 2	6° 4	29°13	1°49	12°12	16°36	4°35	5°14	4°57	15°14	F 4
S 5	19 24 26	20°28'38	25°44	29° 6	24°10	21°38	6°16	29°13	1°51	12°11	16°36	4°R35	5°11	5° 4	15°16	S 5
S 6	19 28 23	21°25'55	10♏ 2	28°28	25°21	22°13	6°28	29°13	1°52	12° 9	16°36	4°34	5° 8	5°10	15°18	S 6
M 7	19 32 19	22°23'12	24°24	27°48	26°32	22°49	6°40	29°12	1°53	12° 8	16°36	4°33	5° 5	5°17	15°21	M 7
T 8	19 36 16	23°20'30	8♐45	27° 5	27°44	23°25	6°51	29°12	1°54	12° 6	16°36	4°32	5° 2	5°24	15°23	T 8
W 9	19 40 12	24°17'48	23° 3	26°22	28°55	24° 1	7° 3	29°11	1°55	12° 5	16°R36	4°31	4°58	5°31	15°25	W 9
T 10	19 44 9	25°15'07	7♑11	25°38	0♍ 6	24°38	7°14	29°11	1°56	12° 3	16°36	4°30	4°55	5°37	15°27	T 10
F 11	19 48 5	26°12'27	21° 6	24°55	1°17	25°14	7°26	29°10	1°57	12° 2	16°36	4°29	4°52	5°44	15°29	F 11
S 12	19 52 2	27° 9'47	4♒45	24°13	2°28	25°50	7°37	29° 9	1°58	12° 0	16°36	4°D29	4°49	5°51	15°31	S 12
S 13	19 55 58	28° 7'08	18° 5	23°33	3°39	26°27	7°48	29° 8	1°59	11°58	16°36	4°29	4°46	5°57	15°33	S 13
M14	19 59 55	29° 4'30	1♓ 6	22°56	4°50	27° 3	7°59	29° 7	2° 0	11°57	16°36	4°30	4°43	6° 4	15°35	M14
T 15	20 3 52	0♌ 1'53	13°48	22°22	6° 1	27°40	8°10	29° 6	2° 1	11°55	16°36	4°30	4°39	6°11	15°36	T 15
W16	20 7 48	0°59'17	26°14	21°53	7°12	28°17	8°21	29° 4	2° 1	11°54	16°35	4°30	4°36	6°18	15°38	W16
T 17	20 11 45	1°56'43	8♈25	21°28	8°23	28°54	8°32	29° 3	2° 2	11°52	16°35	4°31	4°33	6°24	15°40	T 17
F 18	20 15 41	2°54'09	20°26	21° 9	9°34	29°30	8°43	29° 2	2° 3	11°51	16°35	4°31	4°30	6°31	15°41	F 18
S 19	20 19 38	3°51'37	2♉21	20°56	10°44	0♎ 8	8°54	29° 0	2° 3	11°49	16°35	4°31	4°27	6°38	15°43	S 19
S 20	20 23 34	4°49'06	14°15	20°48	11°55	0°45	9° 4	28°58	2° 4	11°47	16°35	4°31	4°23	6°44	15°44	S 20
M21	20 27 31	5°46'37	26°11	20°D47	13° 6	1°22	9°15	28°57	2° 4	11°46	16°34	4°31	4°20	6°51	15°46	M21
T 22	20 31 27	6°44'09	8♊15	20°53	14°16	1°59	9°25	28°55	2° 5	11°44	16°34	4°31	4°17	6°58	15°47	T 22
W23	20 35 24	7°41'42	20°30	21° 6	15°27	2°37	9°35	28°53	2° 5	11°42	16°34	4°31	4°14	7° 5	15°49	W23
T 24	20 39 21	8°39'17	3♋ 0	21°25	16°37	3°14	9°45	28°51	2° 5	11°41	16°33	4°32	4°11	7°11	15°50	T 24
F 25	20 43 17	9°36'53	15°47	21°52	17°47	3°52	9°56	28°49	2° 6	11°39	16°33	4°32	4° 8	7°18	15°51	F 25
S 26	20 47 14	10°34'31	28°53	22°25	18°58	4°29	10° 5	28°46	2° 6	11°38	16°33	4°R32	4° 4	7°25	15°52	S 26
S 27	20 51 10	11°32'09	12♌17	23° 6	20° 8	5° 7	10°15	28°44	2° 6	11°36	16°32	4°32	4° 1	7°32	15°53	S 27
M28	20 55 7	12°29'49	25°58	23°53	21°18	5°45	10°25	28°42	2° 6	11°34	16°32	4°32	3°58	7°38	15°54	M28
T 29	20 59 3	13°27'30	9♍53	24°47	22°28	6°23	10°35	28°39	2° 6	11°33	16°32	4°31	3°55	7°45	15°55	T 29
W30	21 3 0	14°25'13	24° 0	25°47	23°38	7° 1	10°44	28°37	2°R 6	11°31	16°31	4°30	3°52	7°52	15°56	W30
T 31	21 6 56	15♌22'56	8♎14	26♋54	24♍48	7♎39	10♊54	28♓34	2♉ 6	11♒29	16♈31	4♌29	3♌49	7♉58	15♉57	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n29	13n39	2n16	16n12	3s53	16n36	1n38	4n48	0n35	20n37	0s41	2s29	2s22	11n39	0s30	17s23	0s13	9s17	17s 8	19n12	18n59	8n15	14n53	1s36
W 2	22 21	9 31	3 19	16 5	4 5	16 12	1 37	4 33	0 34	20 39	0 41	2 29	2 23	11 39	0 30	17 24	0 13	9 17	17 9	19 11	19 0	8 17	14 54	1 36
T 3	22 14	4 51	4 12	16 1	4 16	15 48	1 36	4 18	0 33	20 41	0 41	2 30	2 23	11 40	0 31	17 24	0 13	9 18	17 9	19 11	19 1	8 20	14 54	1 37
F 4	22 6	0s 7	4 51	15 58	4 26	15 24	1 34	4 4	0 32	20 43	0 41	2 30	2 23	11 40	0 31	17 25	0 13	9 18	17 9	19 11	19 1	8 22	14 55	1 37
S 5	21 57	5 8	5 12	15 56	4 34	14 59	1 33	3 49	0 31	20 45	0 41	2 30	2 24	11 41	0 31	17 25	0 14	9 18	17 10	19 11	19 2	8 24	14 55	1 37
S 6	21 49	9 54	5 15	15 57	4 41	14 33	1 32	3 34	0 30	20 47	0 41	2 31	2 24	11 41	0 31	17 26	0 14	9 18	17 10	19 11	19 3	8 26	14 56	1 37
M 7	21 39	14 8	4 57	15 59	4 47	14 7	1 30	3 19	0 29	20 49	0 41	2 31	2 24	11 41	0 31	17 26	0 14	9 19	17 10	19 11	19 4	8 29	14 56	1 37
T 8	21 30	17 32	4 22	16 3	4 51	13 41	1 29	3 3	0 29	20 51	0 41	2 32	2 24	11 42	0 31	17 26	0 14	9 19	17 11	19 12	19 5	8 31	14 57	1 38
W 9	21 20	19 51	3 30	16 9	4 53	13 15	1 27	2 48	0 28	20 53	0 41	2 32	2 25	11 42	0 31	17 27	0 14	9 19	17 11	19 12	19 5	8 33	14 57	1 38
T 10	21 10	20 54	2 25	16 16	4 54	12 48	1 25	2 33	0 27	20 55	0 41	2 33	2 25	11 43	0 31	17 27	0 14	9 20	17 12	19 12	19 6	8 35	14 58	1 38
F 11	20 59	20 39	1 13	16 25	4 53	12 21	1 24	2 18	0 26	20 57	0 41	2 33	2 25	11 43	0 31	17 28	0 14	9 20	17 12	19 12	19 7	8 37	14 58	1 38
S 12	20 48	19 10	0s 1	16 35	4 50	11 54	1 22	2 2	0 25	20 59	0 41	2 34	2 25	11 43	0 31	17 28	0 14	9 20	17 12	19 12	19 8	8 40	14 59	1 38
S 13	20 37	16 39	1 15	16 46	4 46	11 26	1 20	1 47	0 24	21 1	0 41	2 34	2 26	11 43	0 31	17 29	0 14	9 21	17 13	19 12	19 8	8 42	14 59	1 38
M14	20 25	13 20	2 22	16 58	4 39	10 58	1 18	1 32	0 23	21 2	0 41	2 35	2 26	11 44	0 31	17 29	0 14	9 21	17 13	19 12	19 9	8 44	14 59	1 39
T 15	20 13	9 29	3 21	17 12	4 31	10 30	1 16	1 16	0 22	21 4	0 41	2 36	2 26	11 44	0 31	17 30	0 14	9 21	17 13	19 12	19 10	8 46	15 0	1 39
W16	20 0	5 19	4 9	17 26	4 22	10 2	1 13	1 1	0 21	21 6	0 41	2 37	2 27	11 44	0 31	17 30	0 14	9 22	17 14	19 12	19 11	8 48	15 0	1 39
T 17	19 48	1 1	4 45	17 40	4 11	9 33	1 11	0 45	0 21	21 8	0 41	2 37	2 27	11 44	0 31	17 31	0 14	9 22	17 14	19 12	19 11	8 51	15 0	1 39
F 18	19 35	3n16	5 7	17 55	3 59	9 4	1 9	0 30	0 20	21 9	0 41	2 38	2 27	11 45	0 31	17 31	0 14	9 23	17 14	19 12	19 12	8 53	15 0	1 39
S 19	19 21	7 22	5 17	18 10	3 46	8 35	1 6	0 14	0 19	21 11	0 41	2 39	2 27	11 45	0 31	17 31	0 14	9 23	17 15	19 12	19 13	8 55	15 1	1 40
S 20	19 8	11 12	5 12	18 25	3 32	8 6	1 4	0s 1	0 18	21 12	0 41	2 40	2 28	11 45	0 31	17 32	0 14	9 23	17 15	19 12	19 14	8 57	15 1	1 40
M21	18 54	14 35	4 55	18 40	3 17	7 36	1 1	0 17	0 17	21 14	0 41	2 41	2 28	11 45	0 31	17 32	0 14	9 24	17 15	19 12	19 14	8 59	15 1	1 40
T 22	18 39	17 25	4 24	18 54	3 1	7 7	0 59	0 33	0 16	21 16	0 41	2 42	2 28	11 45	0 31	17 33	0 14	9 24	17 16	19 12	19 15	9 2	15 1	1 40
W23	18 25	19 31	3 41	19 8	2 45	6 37	0 56	0 48	0 15	21 17	0 41	2 43	2 28	11 45	0 31	17 33	0 14	9 25	17 16	19 12	19 16	9 4	15 2	1 40
T 24	18 10	20 43	2 46	19 22	2 29	6 7	0 53	1 4	0 15	21 19	0 41	2 44	2 29	11 45	0 31	17 34	0 14	9 25	17 16	19 12	19 17	9 6	15 2	1 41
F 25	17 54	20 54	1 42	19 34	2 12	5 37	0 50	1 20	0 14	21 20	0 41	2 45	2 29	11 46	0 31	17 34	0 14	9 25	17 17	19 12	19 18	9 8	15 2	1 41
S 26	17 39	19 57	0 31	19 45	1 56	5 6	0 47	1 36	0 13	21 22	0 41	2 46	2 29	11 46	0 31	17 35	0 14	9 26	17 17	19 12	19 18	9 10	15 2	1 41
S 27	17 23	17 52	0n43	19 55	1 39	4 36	0 44	1 51	0 12	21 23	0 41	2 47	2 29	11 46	0 31	17 35	0 14	9 26	17 17	19 12	19 19	9 13	15 2	1 41
M28	17 7	14 44	1 56	20 3	1 22	4 5	0 41	2 7	0 11	21 24	0 41	2 48	2 30	11 46	0 31	17 36	0 14	9 27	17 18	19 12	19 20	9 15	15 2	1 41
T 29	16 50	10 43	3 3	20 10	1 6	3 35	0 38	2 23	0 10	21 26	0 41	2 50	2 30	11 46	0 31	17 36	0 14	9 27	17 18	19 12	19 21	9 17	15 2	1 42
W30	16 34	6 4	4 1	20 14	0 50	3 4	0 34	2 39	0 10	21 27	0 41	2 51	2 30	11 46	0 31	17 37	0 14	9 28	17 18	19 12	19 21	9 19	15 3	1 42
T 31	16n17	1n 4	4n44	20n17	0s35	2n33	0n31	2s55	0n 9	21n28	0s41	2s52	2s30	11n46	0s31	17s37	0s14	9s28	17s19	19n12	19n22	9n21	15n 3	1s42

Julian Day Number = 2213596.5, Delta T = 09m11s
Ecliptic obliquity = 23°31'20, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°39'11, Lahiri = 14°46'11 Julian Calendar 1 July 1348 == Greg. Calendar 9 July 1348

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ASTRODIENST EPHEMERIS for the year 1348
geocentric

AUGUST 1348 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	21 10 53	16♌20'41	22♎32	28♋ 7	25♍58	8♎17	11♊ 3	28°R31	2°R 6	11°R28	16°R30	4°R28	3♌45	8♉ 5	15♉58	F 1
S 2	21 14 50	17°18'26	6♏49	29°25	27° 8	8°56	11°12	28♓28	2♉ 6	11♒26	16♈30	4♌27	3°42	8°12	15°58	S 2
S 3	21 18 46	18°16'13	21° 4	0♌49	28°17	9°34	11°21	28°25	2° 6	11°24	16°29	4°D27	3°39	8°19	15°59	S 3
M 4	21 22 43	19°14'01	5♐12	2°19	29°27	10°13	11°30	28°22	2° 6	11°23	16°29	4°27	3°36	8°25	16° 0	M 4
T 5	21 26 39	20°11'51	19°13	3°52	0♎36	10°51	11°39	28°19	2° 5	11°21	16°28	4°28	3°33	8°32	16° 0	T 5
W 6	21 30 36	21° 9'41	3♑ 5	5°30	1°46	11°30	11°47	28°16	2° 5	11°20	16°28	4°30	3°29	8°39	16° 1	W 6
T 7	21 34 32	22° 7'33	16°46	7°12	2°55	12° 9	11°56	28°13	2° 5	11°18	16°27	4°31	3°26	8°46	16° 1	T 7
F 8	21 38 29	23° 5'26	0♒15	8°57	4° 4	12°47	12° 4	28° 9	2° 4	11°16	16°26	4°R31	3°23	8°52	16° 2	F 8
S 9	21 42 25	24° 3'21	13°30	10°46	5°13	13°26	12°13	28° 6	2° 4	11°15	16°26	4°31	3°20	8°59	16° 2	S 9
S 10	21 46 22	25° 1'17	26°32	12°36	6°22	14° 5	12°21	28° 3	2° 3	11°13	16°25	4°30	3°17	9° 6	16° 2	S 10
M11	21 50 19	25°59'15	9♓20	14°29	7°31	14°44	12°29	27°59	2° 3	11°12	16°25	4°28	3°14	9°12	16° 2	M11
T 12	21 54 15	26°57'14	21°54	16°23	8°40	15°23	12°37	27°55	2° 2	11°10	16°24	4°25	3°10	9°19	16° 2	T 12
W13	21 58 12	27°55'15	4♈14	18°19	9°49	16° 3	12°44	27°52	2° 2	11° 9	16°23	4°21	3° 7	9°26	16°R 2	W13
T 14	22 2 8	28°53'18	16°23	20°15	10°58	16°42	12°52	27°48	2° 1	11° 7	16°22	4°17	3° 4	9°33	16° 2	T 14
F 15	22 6 5	29°51'23	28°23	22°12	12° 6	17°21	13° 0	27°44	2° 0	11° 5	16°22	4°13	3° 1	9°39	16° 2	F 15
S 16	22 10 1	0♍49'29	10♉18	24° 9	13°15	18° 1	13° 7	27°40	1°59	11° 4	16°21	4°11	2°58	9°46	16° 2	S 16
S 17	22 13 58	1°47'38	22°10	26° 6	14°23	18°40	13°14	27°36	1°58	11° 2	16°20	4° 9	2°54	9°53	16° 2	S 17
M18	22 17 54	2°45'49	4♊ 5	28° 3	15°31	19°20	13°21	27°32	1°58	11° 1	16°19	4°D 9	2°51	9°59	16° 2	M18
T 19	22 21 51	3°44'02	16° 8	29°59	16°39	20° 0	13°28	27°28	1°57	10°59	16°19	4° 9	2°48	10° 6	16° 1	T 19
W20	22 25 48	4°42'17	28°23	1♍56	17°47	20°40	13°35	27°24	1°56	10°58	16°18	4°11	2°45	10°13	16° 1	W20
T 21	22 29 44	5°40'34	10♋55	3°51	18°55	21°20	13°41	27°20	1°55	10°57	16°17	4°12	2°42	10°20	16° 0	T 21
F 22	22 33 41	6°38'53	23°47	5°45	20° 3	21°59	13°48	27°16	1°54	10°55	16°16	4°14	2°39	10°26	16° 0	F 22
S 23	22 37 37	7°37'14	7♌ 2	7°39	21°11	22°40	13°54	27°12	1°52	10°54	16°15	4°R14	2°35	10°33	15°59	S 23
S 24	22 41 34	8°35'37	20°41	9°32	22°18	23°20	14° 0	27° 7	1°51	10°52	16°15	4°13	2°32	10°40	15°59	S 24
M25	22 45 30	9°34'02	4♍43	11°23	23°26	24° 0	14° 6	27° 3	1°50	10°51	16°14	4°10	2°29	10°47	15°58	M25
T 26	22 49 27	10°32'28	19° 5	13°14	24°33	24°40	14°12	26°59	1°49	10°49	16°13	4° 6	2°26	10°53	15°57	T 26
W27	22 53 23	11°30'57	3♎40	15° 4	25°40	25°21	14°17	26°54	1°48	10°48	16°12	4° 1	2°23	11° 0	15°56	W27
T 28	22 57 20	12°29'28	18°21	16°52	26°47	26° 1	14°23	26°50	1°46	10°47	16°11	3°55	2°20	11° 7	15°55	T 28
F 29	23 1 16	13°28'00	3♏ 3	18°40	27°54	26°42	14°28	26°45	1°45	10°45	16°10	3°49	2°16	11°13	15°55	F 29
S 30	23 5 13	14°26'34	17°37	20°26	29° 1	27°22	14°33	26°41	1°43	10°44	16° 9	3°45	2°13	11°20	15°54	S 30
S 31	23 9 10	15♍25'09	1♐59	22♍12	0♏ 7	28♎ 3	14♊38	26♓36	1♉42	10♒43	16♈ 8	3♌43	2♌10	11♉27	15♉52	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	16n 0	4s 1	5n 9	20n17	0s20	2n 2	0n28	3s11	0n 8	21n30	0s41	2s54	2s31	11n46	0s31	17s37	0s14	9s29	17s19	19n13	19n23	9n24	15n 3	1s42	F 1
S 2	15 42	8 52	5 16	20 15	0 6	1 31	0 24	3 26	0 7	21 31	0 41	2 55	2 31	11 46	0 31	17 38	0 14	9 29	17 19	19 13	19 24	9 26	15 3	1 42	S 2
S 3	15 24	13 13	5 3	20 10	0n 8	1 0	0 21	3 42	0 6	21 32	0 41	2 56	2 31	11 45	0 31	17 38	0 14	9 30	17 20	19 13	19 24	9 28	15 3	1 43	S 3
M 4	15 6	16 47	4 32	20 3	0 21	0 29	0 17	3 58	0 6	21 33	0 41	2 58	2 31	11 45	0 31	17 39	0 14	9 30	17 20	19 13	19 25	9 30	15 3	1 43	M 4
T 5	14 48	19 21	3 45	19 53	0 33	0s 2	0 14	4 14	0 5	21 35	0 41	2 59	2 31	11 45	0 31	17 39	0 14	9 30	17 20	19 13	19 26	9 32	15 3	1 43	T 5
W 6	14 30	20 44	2 45	19 40	0 44	0 33	0 10	4 30	0 4	21 36	0 41	3 1	2 32	11 45	0 31	17 40	0 14	9 31	17 20	19 12	19 26	9 35	15 2	1 43	W 6
T 7	14 11	20 52	1 36	19 25	0 54	1 4	0 6	4 46	0 3	21 37	0 41	3 2	2 32	11 45	0 31	17 40	0 14	9 31	17 21	19 12	19 27	9 37	15 2	1 43	T 7
F 8	13 52	19 47	0 24	19 6	1 4	1 35	0 2	5 2	0 3	21 38	0 41	3 4	2 32	11 45	0 31	17 41	0 14	9 32	17 21	19 12	19 28	9 39	15 2	1 44	F 8
S 9	13 33	17 37	0s49	18 45	1 12	2 6	0s 2	5 18	0 2	21 39	0 41	3 5	2 32	11 45	0 31	17 41	0 14	9 32	17 21	19 12	19 29	9 41	15 2	1 44	S 9
S 10	13 14	14 34	1 58	18 21	1 20	2 37	0 5	5 34	0 1	21 40	0 41	3 7	2 32	11 44	0 31	17 42	0 14	9 33	17 22	19 12	19 29	9 43	15 2	1 44	S 10
M11	12 54	10 52	3 0	17 55	1 26	3 8	0 9	5 49	0 0	21 41	0 41	3 8	2 33	11 44	0 31	17 42	0 14	9 33	17 22	19 13	19 30	9 46	15 2	1 44	M11
T 12	12 34	6 46	3 52	17 26	1 32	3 39	0 13	6 5	0s 1	21 42	0 41	3 10	2 33	11 44	0 31	17 42	0 14	9 34	17 22	19 13	19 31	9 48	15 2	1 44	T 12
W13	12 14	2 28	4 31	16 55	1 37	4 10	0 18	6 21	0 1	21 43	0 42	3 11	2 33	11 44	0 31	17 43	0 14	9 34	17 22	19 14	19 32	9 50	15 2	1 45	W13
T 14	11 54	1n52	4 58	16 22	1 40	4 41	0 22	6 37	0 2	21 44	0 42	3 13	2 33	11 44	0 31	17 43	0 14	9 35	17 23	19 15	19 32	9 52	15 1	1 45	T 14
F 15	11 34	6 5	5 12	15 47	1 43	5 12	0 26	6 53	0 3	21 45	0 42	3 15	2 33	11 43	0 31	17 44	0 14	9 35	17 23	19 16	19 33	9 54	15 1	1 45	F 15
S 16	11 13	10 1	5 12	15 10	1 45	5 42	0 30	7 9	0 4	21 46	0 42	3 17	2 34	11 43	0 31	17 44	0 14	9 36	17 23	19 17	19 34	9 56	15 1	1 45	S 16
S 17	10 52	13 34	4 58	14 32	1 47	6 13	0 34	7 25	0 4	21 47	0 42	3 18	2 34	11 43	0 31	17 45	0 14	9 36	17 23	19 17	19 35	9 59	15 1	1 45	S 17
M18	10 31	16 35	4 32	13 52	1 47	6 43	0 39	7 40	0 5	21 48	0 42	3 20	2 34	11 42	0 31	17 45	0 14	9 37	17 24	19 17	19 35	10 1	15 0	1 46	M18
T 19	10 10	18 56	3 53	13 11	1 47	7 14	0 43	7 56	0 6	21 48	0 42	3 22	2 34	11 42	0 31	17 45	0 14	9 38	17 24	19 17	19 36	10 3	15 0	1 46	T 19
W20	9 49	20 27	3 4	12 29	1 46	7 44	0 47	8 12	0 7	21 49	0 42	3 24	2 34	11 42	0 31	17 46	0 14	9 38	17 24	19 17	19 37	10 5	15 0	1 46	W20
T 21	9 28	21 1	2 4	11 46	1 45	8 14	0 52	8 27	0 7	21 50	0 42	3 25	2 34	11 41	0 31	17 46	0 14	9 39	17 24	19 16	19 38	10 7	15 0	1 46	T 21
F 22	9 6	20 29	0 57	11 2	1 43	8 44	0 56	8 43	0 8	21 51	0 42	3 27	2 34	11 41	0 31	17 47	0 14	9 39	17 25	19 16	19 38	10 10	14 59	1 46	F 22
S 23	8 44	18 50	0n15	10 17	1 41	9 13	1 0	8 59	0 9	21 51	0 42	3 29	2 35	11 40	0 31	17 47	0 14	9 40	17 25	19 16	19 39	10 12	14 59	1 47	S 23
S 24	8 23	16 3	1 29	9 32	1 38	9 43	1 5	9 14	0 9	21 52	0 42	3 31	2 35	11 40	0 31	17 47	0 14	9 40	17 25	19 16	19 40	10 14	14 58	1 47	S 24
M25	8 1	12 16	2 38	8 46	1 34	10 12	1 9	9 30	0 10	21 53	0 42	3 33	2 35	11 40	0 31	17 48	0 14	9 41	17 25	19 17	19 40	10 16	14 58	1 47	M25
T 26	7 38	7 42	3 40	8 0	1 30	10 41	1 14	9 46	0 11	21 54	0 42	3 34	2 35	11 39	0 32	17 48	0 14	9 41	17 25	19 18	19 41	10 18	14 58	1 47	T 26
W27	7 16	2 38	4 28	7 14	1 26	11 10	1 18	10 1	0 12	21 54	0 42	3 36	2 35	11 39	0 32	17 49	0 14	9 42	17 26	19 19	19 42	10 20	14 57	1 47	W27
T 28	6 54	2s37	4 59	6 27	1 22	11 39	1 23	10 16	0 12	21 55	0 42	3 38	2 35	11 38	0 32	17 49	0 14	9 42	17 26	19 21	19 43	10 23	14 57	1 48	T 28
F 29	6 31	7 43	5 10	5 40	1 17	12 8	1 28	10 32	0 13	21 55	0 42	3 40	2 35	11 38	0 32	17 49	0 14	9 43	17 26	19 22	19 43	10 25	14 56	1 48	F 29
S 30	6 9	12 20	5 1	4 54	1 11	12 36	1 32	10 47	0 14	21 56	0 42	3 42	2 35	11 37	0 32	17 50	0 14	9 43	17 26	19 23	19 44	10 27	14 56	1 48	S 30
S 31	5n46	16s10	4n33	4n 7	1n 6	13s 4	1s37	11s 2	0s14	21n56	0s42	3s44	2s36	11n37	0s32	17s50	0s14	9s44	17s26	19n23	19n45	10n29	14n55	1s48	S 31

Julian Day Number = 2213627.5, Delta T = 09m11s
Ecliptic obliquity = 23°31'21, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°39'15, Lahiri = 14°46'16 Julian Calendar 1 Aug. 1348 == Greg. Calendar 9 Aug. 1348

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ASTRODIENST EPHEMERIS for the year 1348
geocentric

SEPTEMBER 1348 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	23 13 6	16♍23'47	16♐ 5	23♍56	1♏14	28♎44	14♊43	26°R32	1°R40	10°R42	16°R 7	3°D42	2♌ 7	11♉34	15°R51	M 1
T 2	23 17 3	17°22'26	29°56	25°40	2°20	29°25	14°48	26♓27	1♉39	10♒40	16♈ 6	3♌42	2° 4	11°40	15♉50	T 2
W 3	23 20 59	18°21'06	13♑30	27°22	3°26	0♏ 5	14°52	26°22	1°37	10°39	16° 5	3°44	2° 0	11°47	15°49	W 3
T 4	23 24 56	19°19'49	26°50	29° 3	4°32	0°46	14°56	26°18	1°36	10°38	16° 4	3°45	1°57	11°54	15°48	T 4
F 5	23 28 52	20°18'33	9♒55	0♎44	5°38	1°28	15° 0	26°13	1°34	10°37	16° 3	3°R45	1°54	12° 0	15°46	F 5
S 6	23 32 49	21°17'19	22°49	2°23	6°44	2° 9	15° 4	26° 8	1°32	10°36	16° 2	3°43	1°51	12° 7	15°45	S 6
S 7	23 36 45	22°16'07	5♓31	4° 1	7°49	2°50	15° 8	26° 4	1°31	10°35	16° 1	3°39	1°48	12°14	15°43	S 7
M 8	23 40 42	23°14'56	18° 2	5°39	8°54	3°31	15°11	25°59	1°29	10°33	16° 0	3°33	1°45	12°21	15°42	M 8
T 9	23 44 39	24°13'48	0♈24	7°15	9°59	4°13	15°15	25°54	1°27	10°32	15°59	3°24	1°41	12°27	15°40	T 9
W10	23 48 35	25°12'42	12°36	8°51	11° 4	4°54	15°18	25°50	1°25	10°31	15°58	3°15	1°38	12°34	15°38	W10
T 11	23 52 32	26°11'37	24°39	10°26	12° 9	5°35	15°21	25°45	1°23	10°30	15°57	3° 5	1°35	12°41	15°37	T 11
F 12	23 56 28	27°10'36	6♉36	12° 0	13°13	6°17	15°24	25°40	1°22	10°29	15°56	2°55	1°32	12°48	15°35	F 12
S 13	0 0 25	28° 9'36	18°29	13°33	14°17	6°59	15°26	25°36	1°20	10°28	15°55	2°47	1°29	12°54	15°33	S 13
S 14	0 4 21	29° 8'38	0♊19	15° 5	15°21	7°41	15°29	25°31	1°18	10°27	15°54	2°40	1°26	13° 1	15°31	S 14
M15	0 8 18	0♎ 7'43	12°12	16°36	16°25	8°22	15°31	25°26	1°16	10°26	15°53	2°36	1°22	13° 8	15°29	M15
T 16	0 12 14	1° 6'51	24°12	18° 7	17°28	9° 4	15°33	25°22	1°14	10°26	15°52	2°34	1°19	13°14	15°27	T 16
W17	0 16 11	2° 6'00	6♋23	19°36	18°31	9°46	15°35	25°17	1°12	10°25	15°50	2°D34	1°16	13°21	15°25	W17
T 18	0 20 8	3° 5'12	18°51	21° 5	19°34	10°28	15°36	25°12	1°10	10°24	15°49	2°35	1°13	13°28	15°23	T 18
F 19	0 24 4	4° 4'27	1♌41	22°33	20°37	11°10	15°38	25° 8	1° 7	10°23	15°48	2°R35	1°10	13°35	15°21	F 19
S 20	0 28 1	5° 3'43	14°56	24° 0	21°40	11°53	15°39	25° 3	1° 5	10°22	15°47	2°35	1° 6	13°41	15°19	S 20
S 21	0 31 57	6° 3'02	28°40	25°27	22°42	12°35	15°40	24°58	1° 3	10°21	15°46	2°32	1° 3	13°48	15°17	S 21
M22	0 35 54	7° 2'23	12♍52	26°52	23°44	13°17	15°41	24°54	1° 1	10°21	15°45	2°27	1° 0	13°55	15°15	M22
T 23	0 39 50	8° 1'47	27°29	28°16	24°45	14° 0	15°42	24°49	0°59	10°20	15°44	2°19	0°57	14° 1	15°12	T 23
W24	0 43 47	9° 1'12	12♎25	29°40	25°46	14°42	15°42	24°45	0°57	10°19	15°43	2° 9	0°54	14° 8	15°10	W24
T 25	0 47 43	10° 0'40	27°31	1♏ 2	26°47	15°25	15°42	24°40	0°54	10°19	15°41	1°59	0°51	14°15	15° 8	T 25
F 26	0 51 40	11° 0'09	12♏37	2°24	27°48	16° 7	15°R42	24°36	0°52	10°18	15°40	1°49	0°47	14°22	15° 5	F 26
S 27	0 55 36	11°59'40	27°33	3°44	28°48	16°50	15°42	24°32	0°50	10°18	15°39	1°41	0°44	14°28	15° 3	S 27
S 28	0 59 33	12°59'14	12♐11	5° 4	29°48	17°33	15°42	24°27	0°47	10°17	15°38	1°35	0°41	14°35	15° 0	S 28
M29	1 3 30	13°58'49	26°27	6°22	0♐48	18°16	15°41	24°23	0°45	10°16	15°37	1°32	0°38	14°42	14°58	M29
T 30	1 7 26	14♎58'26	10♑19	7♏39	1♐47	18♏59	15♊40	24♓19	0♉43	10♒16	15♈36	1°D31	0♌35	14♉48	14♉55	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	5n23	19s 0	3n49	3n20	1n 0	13s31	1s41	11s18	0s15	21n57	0s42	3s46	2s36	11n36	0s32	17s50	0s14	9s44	17s27	19n24	19n45	10n31	14n55	1s48
T 2	5 0	20 39	2 53	2 34	0 54	13 59	1 46	11 33	0 16	21 57	0 42	3 48	2 36	11 36	0 32	17 51	0 14	9 45	17 27	19 23	19 46	10 33	14 54	1 49
W 3	4 37	21 3	1 47	1 47	0 48	14 26	1 50	11 48	0 17	21 58	0 42	3 50	2 36	11 35	0 32	17 51	0 14	9 45	17 27	19 23	19 47	10 36	14 54	1 49
T 4	4 14	20 15	0 37	1 1	0 42	14 53	1 55	12 3	0 17	21 58	0 42	3 52	2 36	11 35	0 32	17 51	0 14	9 46	17 27	19 23	19 48	10 38	14 53	1 49
F 5	3 51	18 21	0s33	0 15	0 35	15 19	2 0	12 18	0 18	21 59	0 42	3 53	2 36	11 34	0 32	17 52	0 14	9 46	17 27	19 23	19 48	10 40	14 53	1 49
S 6	3 28	15 33	1 41	0s31	0 29	15 46	2 4	12 33	0 19	21 59	0 42	3 55	2 36	11 33	0 32	17 52	0 14	9 47	17 27	19 23	19 49	10 42	14 52	1 49
S 7	3 5	12 2	2 42	1 16	0 22	16 11	2 9	12 48	0 19	22 0	0 42	3 57	2 36	11 33	0 32	17 52	0 14	9 47	17 28	19 24	19 50	10 44	14 51	1 50
M 8	2 41	8 2	3 35	2 1	0 15	16 37	2 13	13 3	0 20	22 0	0 42	3 59	2 36	11 32	0 32	17 53	0 14	9 48	17 28	19 26	19 50	10 46	14 51	1 50
T 9	2 18	3 46	4 17	2 46	0 8	17 2	2 18	13 17	0 21	22 0	0 42	4 1	2 36	11 32	0 32	17 53	0 14	9 48	17 28	19 28	19 51	10 49	14 50	1 50
W10	1 55	0n36	4 46	3 30	0 1	17 27	2 22	13 32	0 21	22 1	0 42	4 3	2 36	11 31	0 32	17 53	0 14	9 49	17 28	19 30	19 52	10 51	14 49	1 50
T 11	1 31	4 54	5 2	4 14	0s 6	17 52	2 27	13 47	0 22	22 1	0 42	4 5	2 36	11 30	0 32	17 54	0 14	9 49	17 28	19 32	19 53	10 53	14 49	1 50
F 12	1 8	8 58	5 5	4 58	0 13	18 16	2 31	14 1	0 23	22 1	0 42	4 7	2 36	11 30	0 32	17 54	0 14	9 50	17 28	19 35	19 53	10 55	14 48	1 50
S 13	0 44	12 40	4 54	5 41	0 21	18 39	2 36	14 15	0 23	22 1	0 42	4 9	2 36	11 29	0 32	17 54	0 14	9 50	17 28	19 36	19 54	10 57	14 47	1 51
S 14	0 20	15 53	4 31	6 23	0 28	19 3	2 40	14 30	0 24	22 2	0 42	4 11	2 36	11 28	0 32	17 54	0 14	9 51	17 28	19 38	19 55	10 59	14 47	1 51
M15	0s 3	18 26	3 56	7 5	0 35	19 25	2 44	14 44	0 24	22 2	0 42	4 13	2 36	11 27	0 32	17 55	0 14	9 51	17 29	19 39	19 55	11 2	14 46	1 51
T 16	0 27	20 14	3 10	7 47	0 42	19 48	2 49	14 58	0 25	22 2	0 42	4 14	2 36	11 27	0 32	17 55	0 14	9 52	17 29	19 39	19 56	11 4	14 45	1 51
W17	0 50	21 7	2 15	8 28	0 49	20 10	2 53	15 12	0 26	22 2	0 42	4 16	2 36	11 26	0 32	17 55	0 14	9 52	17 29	19 39	19 57	11 6	14 44	1 51
T 18	1 14	20 59	1 13	9 8	0 57	20 32	2 57	15 26	0 26	22 2	0 42	4 18	2 36	11 25	0 32	17 55	0 14	9 53	17 29	19 39	19 58	11 8	14 44	1 52
F 19	1 37	19 47	0 5	9 48	1 4	20 53	3 1	15 40	0 27	22 3	0 42	4 20	2 36	11 25	0 32	17 56	0 14	9 53	17 29	19 39	19 58	11 10	14 43	1 52
S 20	2 1	17 27	1n 5	10 27	1 11	21 13	3 5	15 53	0 28	22 3	0 42	4 22	2 36	11 24	0 32	17 56	0 14	9 54	17 29	19 39	19 59	11 12	14 42	1 52
S 21	2 25	14 4	2 14	11 5	1 18	21 34	3 9	16 7	0 28	22 3	0 42	4 24	2 36	11 23	0 32	17 56	0 14	9 54	17 29	19 40	20 0	11 15	14 41	1 52
M22	2 48	9 47	3 17	11 43	1 25	21 53	3 13	16 20	0 29	22 3	0 42	4 25	2 36	11 22	0 32	17 56	0 14	9 55	17 29	19 41	20 0	11 17	14 40	1 52
T 23	3 12	4 48	4 9	12 19	1 32	22 13	3 17	16 34	0 29	22 3	0 42	4 27	2 36	11 22	0 32	17 56	0 14	9 55	17 29	19 43	20 1	11 19	14 40	1 52
W24	3 35	0s33	4 45	12 56	1 38	22 32	3 21	16 47	0 30	22 3	0 42	4 29	2 36	11 21	0 32	17 57	0 14	9 56	17 29	19 45	20 2	11 21	14 39	1 53
T 25	3 59	5 56	5 1	13 31	1 45	22 50	3 25	17 0	0 31	22 3	0 42	4 31	2 36	11 20	0 32	17 57	0 14	9 56	17 29	19 47	20 2	11 23	14 38	1 53
F 26	4 22	10 58	4 57	14 6	1 52	23 8	3 29	17 13	0 31	22 3	0 42	4 32	2 36	11 19	0 32	17 57	0 14	9 57	17 29	19 49	20 3	11 25	14 37	1 53
S 27	4 45	15 16	4 32	14 39	1 58	23 25	3 32	17 26	0 32	22 3	0 42	4 34	2 36	11 18	0 32	17 57	0 14	9 57	17 29	19 51	20 4	11 27	14 36	1 53
S 28	5 9	18 32	3 50	15 12	2 4	23 42	3 36	17 39	0 32	22 3	0 42	4 36	2 36	11 18	0 32	17 57	0 14	9 58	17 29	19 53	20 4	11 30	14 35	1 53
M29	5 32	20 34	2 54	15 44	2 10	23 58	3 40	17 51	0 33	22 3	0 42	4 37	2 36	11 17	0 32	17 57	0 14	9 58	17 29	19 53	20 5	11 32	14 34	1 53
T 30	5s55	21s18	1n50	16s15	2s16	24s14	3s43	18s 4	0s34	22n 3	0s42	4s39	2s36	11n16	0s32	17s58	0s14	9s58	17s29	19n54	20n 6	11n34	14n33	1s54

Julian Day Number = 2213658.5, Delta T = 09m11s
Ecliptic obliquity = 23°31'21, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°39'19, Lahiri = 14°46'20 Julian Calendar 1 Sept. 1348 == Greg. Calendar 9 Sept. 1348

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ASTRODIENST EPHEMERIS for the year 1348
geocentric

OCTOBER 1348 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	1 11 23	15♎58'04	23♑49	8♏54	2♐46	19♏42	15°R39	24°R15	0°R40	10°R16	15°R35	1♌31	0♌31	14♉55	14°R52	W 1
T 2	1 15 19	16°57'45	6♒57	10° 8	3°44	20°25	15♊38	24♓10	0♉38	10♒15	15♈33	1°R31	0°28	15° 2	14♉50	T 2
F 3	1 19 16	17°57'27	19°49	11°21	4°42	21° 8	15°37	24° 6	0°36	10°15	15°32	1°30	0°25	15° 9	14°47	F 3
S 4	1 23 12	18°57'11	2♓26	12°31	5°40	21°51	15°35	24° 2	0°33	10°14	15°31	1°26	0°22	15°15	14°44	S 4
S 5	1 27 9	19°56'56	14°52	13°40	6°37	22°34	15°34	23°58	0°31	10°14	15°30	1°20	0°19	15°22	14°41	S 5
M 6	1 31 5	20°56'43	27° 8	14°47	7°33	23°18	15°32	23°54	0°28	10°14	15°29	1°10	0°16	15°29	14°39	M 6
T 7	1 35 2	21°56'33	9♈17	15°51	8°29	24° 1	15°29	23°50	0°26	10°14	15°28	0°58	0°12	15°35	14°36	T 7
W 8	1 38 59	22°56'24	21°20	16°53	9°25	24°44	15°27	23°47	0°24	10°13	15°27	0°44	0° 9	15°42	14°33	W 8
T 9	1 42 55	23°56'17	3♉18	17°52	10°20	25°28	15°24	23°43	0°21	10°13	15°25	0°30	0° 6	15°49	14°30	T 9
F 10	1 46 52	24°56'12	15°12	18°48	11°14	26°11	15°22	23°39	0°19	10°13	15°24	0°16	0° 3	15°56	14°27	F 10
S 11	1 50 48	25°56'09	27° 3	19°41	12° 8	26°55	15°19	23°36	0°16	10°13	15°23	0° 3	29♋59	16° 2	14°24	S 11
S 12	1 54 45	26°56'09	8♊53	20°30	13° 1	27°39	15°16	23°32	0°14	10°13	15°22	29♋53	29°57	16° 9	14°21	S 12
M13	1 58 41	27°56'10	20°46	21°15	13°54	28°23	15°12	23°29	0°11	10°13	15°21	29°46	29°53	16°16	14°18	M13
T 14	2 2 38	28°56'14	2♋45	21°54	14°46	29° 6	15° 9	23°25	0° 9	10°D13	15°20	29°41	29°50	16°23	14°15	T 14
W15	2 6 34	29°56'19	14°54	22°29	15°37	29°50	15° 5	23°22	0° 6	10°13	15°19	29°40	29°47	16°29	14°12	W15
T 16	2 10 31	0♏56'27	27°18	22°58	16°27	0♐34	15° 1	23°19	0° 4	10°13	15°18	29°39	29°44	16°36	14° 9	T 16
F 17	2 14 28	1°56'37	10♌ 2	23°20	17°17	1°18	14°57	23°16	0° 1	10°13	15°16	29°39	29°41	16°43	14° 6	F 17
S 18	2 18 24	2°56'49	23°10	23°36	18° 6	2° 3	14°53	23°13	29♈59	10°13	15°15	29°38	29°37	16°49	14° 3	S 18
S 19	2 22 21	3°57'03	6♍47	23°R43	18°54	2°47	14°48	23°10	29°56	10°13	15°14	29°35	29°34	16°56	14° 0	S 19
M20	2 26 17	4°57'20	20°55	23°42	19°42	3°31	14°44	23° 7	29°54	10°13	15°13	29°29	29°31	17° 3	13°57	M20
T 21	2 30 14	5°57'38	5♎32	23°33	20°28	4°15	14°39	23° 4	29°51	10°13	15°12	29°21	29°28	17°10	13°53	T 21
W22	2 34 10	6°57'58	20°32	23°13	21°14	5° 0	14°34	23° 1	29°49	10°14	15°11	29°11	29°25	17°16	13°50	W22
T 23	2 38 7	7°58'20	5♏49	22°44	21°59	5°44	14°29	22°59	29°47	10°14	15°10	28°59	29°22	17°23	13°47	T 23
F 24	2 42 3	8°58'44	21° 9	22° 5	22°42	6°29	14°23	22°56	29°44	10°14	15° 9	28°48	29°18	17°30	13°44	F 24
S 25	2 46 0	9°59'09	6♐23	21°15	23°25	7°13	14°18	22°54	29°42	10°15	15° 8	28°38	29°15	17°36	13°41	S 25
S 26	2 49 57	10°59'36	21°18	20°17	24° 7	7°58	14°12	22°51	29°39	10°15	15° 7	28°32	29°12	17°43	13°38	S 26
M27	2 53 53	12° 0'05	5♑49	19°10	24°48	8°42	14° 6	22°49	29°37	10°15	15° 6	28°27	29° 9	17°50	13°34	M27
T 28	2 57 50	13° 0'34	19°52	17°57	25°27	9°27	14° 0	22°47	29°34	10°16	15° 5	28°26	29° 6	17°57	13°31	T 28
W29	3 1 46	14° 1'06	3♒28	16°38	26° 5	10°12	13°54	22°45	29°32	10°16	15° 4	28°D26	29° 3	18° 3	13°28	W29
T 30	3 5 43	15° 1'38	16°38	15°17	26°42	10°57	13°48	22°43	29°30	10°17	15° 3	28°R26	28°59	18°10	13°25	T 30
F 31	3 9 39	16♏ 2'12	29♒26	13♏57	27♐18	11♐42	13♊42	22♓41	29♈27	10♒18	15♈ 2	28♋25	28♋56	18♉17	13♉22	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	6s18	20s45	0n41	16s45	2s21	24s29	3s46	18s16	0s34	22n 3	0s42	4s41	2s36	11n15	0s32	17s58	0s14	9s59	17s29	19n54	20n 7	11n36	14n33	1s54
T 2	6 41	19 4	0s29	17 13	2 26	24 44	3 49	18 28	0 35	22 3	0 42	4 42	2 36	11 14	0 32	17 58	0 14	9 59	17 29	19 54	20 7	11 38	14 32	1 54
F 3	7 4	16 26	1 35	17 41	2 31	24 58	3 53	18 40	0 35	22 2	0 42	4 44	2 36	11 13	0 32	17 58	0 14	10 0	17 29	19 54	20 8	11 40	14 31	1 54
S 4	7 27	13 4	2 36	18 7	2 36	25 11	3 56	18 52	0 36	22 2	0 42	4 45	2 35	11 13	0 32	17 58	0 14	10 0	17 29	19 55	20 9	11 42	14 30	1 54
S 5	7 50	9 10	3 28	18 33	2 40	25 24	3 58	19 4	0 37	22 2	0 42	4 47	2 35	11 12	0 32	17 58	0 14	10 0	17 29	19 56	20 9	11 45	14 29	1 54
M 6	8 12	4 57	4 9	18 56	2 44	25 37	4 1	19 16	0 37	22 2	0 42	4 48	2 35	11 11	0 32	17 58	0 14	10 1	17 29	19 58	20 10	11 47	14 28	1 55
T 7	8 35	0 35	4 39	19 19	2 48	25 48	4 4	19 27	0 38	22 2	0 42	4 50	2 35	11 10	0 32	17 58	0 14	10 1	17 29	20 1	20 11	11 49	14 27	1 55
W 8	8 57	3n47	4 55	19 40	2 51	26 0	4 6	19 38	0 38	22 1	0 42	4 51	2 35	11 9	0 32	17 58	0 14	10 2	17 29	20 4	20 11	11 51	14 26	1 55
T 9	9 19	7 58	4 59	19 59	2 53	26 10	4 9	19 49	0 39	22 1	0 42	4 52	2 35	11 8	0 32	17 58	0 14	10 2	17 29	20 7	20 12	11 53	14 25	1 55
F 10	9 41	11 50	4 50	20 17	2 55	26 21	4 11	20 0	0 39	22 1	0 42	4 54	2 35	11 7	0 32	17 58	0 14	10 2	17 29	20 10	20 13	11 55	14 24	1 55
S 11	10 3	15 14	4 27	20 33	2 57	26 30	4 13	20 11	0 40	22 0	0 42	4 55	2 35	11 7	0 32	17 58	0 14	10 3	17 29	20 13	20 13	11 57	14 23	1 55
S 12	10 25	18 0	3 54	20 47	2 57	26 39	4 15	20 21	0 40	22 0	0 42	4 56	2 34	11 6	0 32	17 59	0 14	10 3	17 29	20 15	20 14	12 0	14 22	1 55
M13	10 47	20 3	3 10	20 59	2 57	26 48	4 17	20 32	0 41	22 0	0 42	4 58	2 34	11 5	0 32	17 59	0 14	10 3	17 29	20 16	20 15	12 2	14 21	1 55
T 14	11 8	21 13	2 17	21 8	2 56	26 55	4 18	20 42	0 41	21 59	0 42	4 59	2 34	11 4	0 32	17 59	0 14	10 4	17 29	20 17	20 15	12 4	14 20	1 56
W15	11 29	21 25	1 17	21 16	2 54	27 3	4 20	20 52	0 42	21 59	0 42	5 0	2 34	11 3	0 32	17 59	0 14	10 4	17 28	20 18	20 16	12 6	14 19	1 56
T 16	11 50	20 34	0 12	21 21	2 52	27 9	4 21	21 2	0 42	21 59	0 42	5 1	2 34	11 2	0 32	17 59	0 14	10 4	17 28	20 18	20 17	12 8	14 18	1 56
F 17	12 11	18 40	0n55	21 22	2 48	27 16	4 22	21 12	0 43	21 58	0 42	5 2	2 34	11 1	0 32	17 59	0 14	10 5	17 28	20 18	20 17	12 10	14 17	1 56
S 18	12 32	15 45	2 1	21 21	2 42	27 21	4 23	21 21	0 43	21 58	0 42	5 3	2 34	11 1	0 32	17 58	0 14	10 5	17 28	20 18	20 18	12 12	14 16	1 56
S 19	12 53	11 52	3 3	21 17	2 36	27 26	4 24	21 30	0 44	21 57	0 42	5 4	2 33	11 0	0 32	17 58	0 14	10 5	17 28	20 19	20 19	12 14	14 15	1 56
M20	13 13	7 13	3 56	21 9	2 28	27 31	4 24	21 39	0 44	21 57	0 42	5 5	2 33	10 59	0 32	17 58	0 14	10 5	17 28	20 20	20 19	12 16	14 14	1 56
T 21	13 33	2 0	4 35	20 57	2 19	27 35	4 24	21 48	0 45	21 56	0 42	5 6	2 33	10 58	0 32	17 58	0 14	10 6	17 28	20 21	20 20	12 19	14 13	1 56
W22	13 53	3s28	4 57	20 42	2 7	27 38	4 25	21 57	0 45	21 56	0 42	5 7	2 33	10 57	0 32	17 58	0 14	10 6	17 28	20 24	20 21	12 21	14 12	1 57
T 23	14 13	8 49	4 58	20 22	1 55	27 41	4 24	22 5	0 46	21 55	0 42	5 8	2 33	10 56	0 32	17 58	0 14	10 6	17 27	20 26	20 21	12 23	14 11	1 57
F 24	14 32	13 38	4 38	19 58	1 40	27 43	4 24	22 14	0 46	21 55	0 42	5 9	2 33	10 55	0 32	17 58	0 14	10 7	17 27	20 28	20 22	12 25	14 9	1 57
S 25	14 52	17 32	3 58	19 30	1 24	27 45	4 23	22 22	0 47	21 54	0 42	5 10	2 32	10 55	0 32	17 58	0 14	10 7	17 27	20 30	20 23	12 27	14 8	1 57
S 26	15 11	20 12	3 3	18 57	1 7	27 46	4 23	22 29	0 47	21 53	0 42	5 11	2 32	10 54	0 32	17 58	0 14	10 7	17 27	20 32	20 23	12 29	14 7	1 57
M27	15 29	21 27	1 57	18 21	0 48	27 46	4 21	22 37	0 48	21 53	0 42	5 11	2 32	10 53	0 32	17 58	0 14	10 7	17 27	20 33	20 24	12 31	14 6	1 57
T 28	15 48	21 18	0 45	17 41	0 28	27 46	4 20	22 44	0 48	21 52	0 42	5 12	2 32	10 52	0 32	17 58	0 14	10 7	17 27	20 33	20 25	12 33	14 5	1 57
W29	16 6	19 53	0s27	16 59	0 8	27 46	4 18	22 52	0 49	21 51	0 42	5 13	2 32	10 51	0 32	17 58	0 14	10 8	17 26	20 33	20 25	12 36	14 4	1 57
T 30	16 24	17 25	1 35	16 16	0n13	27 45	4 16	22 58	0 49	21 51	0 42	5 13	2 31	10 50	0 32	17 57	0 14	10 8	17 26	20 33	20 26	12 38	14 3	1 57
F 31	16s42	14s 9	2s36	15s33	0n33	27s44	4s14	23s 5	0s50	21n50	0s42	5s14	2s31	10n50	0s32	17s57	0s14	10s 8	17s26	20n33	20n27	12n40	14n 2	1s58

Julian Day Number = 2213688.5, Delta T = 09m11s
Ecliptic obliquity = 23°31'22, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°39'24, Lahiri = 14°46'24 Julian Calendar 1 Oct. 1348 == Greg. Calendar 9 Oct. 1348

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ASTRODIENST EPHEMERIS for the year 1348
geocentric

NOVEMBER 1348 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	3 13 36	17♏ 2'46	11♓56	12°R39	27♐52	12♐27	13°R35	22°R39	29°R25	10♒18	15°R 1	28°R22	28♋53	18♉23	13°R19	S 1
S 2	3 17 32	18° 3'22	24°13	11♏27	28°25	13°12	13♊28	22♓37	29♈23	10°19	15♈ 0	28♋17	28°50	18°30	13♉15	S 2
M 3	3 21 29	19° 4'00	6♈20	10°22	28°56	13°57	13°22	22°36	29°20	10°19	14°59	28° 8	28°47	18°37	13°12	M 3
T 4	3 25 26	20° 4'38	18°20	9°27	29°26	14°42	13°15	22°34	29°18	10°20	14°58	27°58	28°43	18°44	13° 9	T 4
W 5	3 29 22	21° 5'18	0♉16	8°42	29°54	15°27	13° 8	22°33	29°16	10°21	14°57	27°45	28°40	18°50	13° 6	W 5
T 6	3 33 19	22° 5'59	12° 9	8° 9	0♑21	16°12	13° 1	22°32	29°14	10°22	14°56	27°32	28°37	18°57	13° 3	T 6
F 7	3 37 15	23° 6'42	24° 1	7°47	0°46	16°58	12°53	22°31	29°11	10°22	14°56	27°19	28°34	19° 4	13° 0	F 7
S 8	3 41 12	24° 7'26	5♊53	7°D37	1° 9	17°43	12°46	22°30	29° 9	10°23	14°55	27° 8	28°31	19°10	12°56	S 8
S 9	3 45 8	25° 8'11	17°48	7°38	1°30	18°28	12°39	22°29	29° 7	10°24	14°54	26°59	28°28	19°17	12°53	S 9
M10	3 49 5	26° 8'58	29°45	7°50	1°49	19°14	12°31	22°28	29° 5	10°25	14°53	26°52	28°24	19°24	12°50	M10
T 11	3 53 1	27° 9'46	11♋49	8°11	2° 7	19°59	12°24	22°27	29° 3	10°26	14°52	26°49	28°21	19°31	12°47	T 11
W12	3 56 58	28°10'36	24° 2	8°41	2°22	20°45	12°16	22°27	29° 1	10°27	14°51	26°D47	28°18	19°37	12°44	W12
T 13	4 0 55	29°11'27	6♌27	9°18	2°35	21°31	12° 8	22°26	28°59	10°28	14°51	26°48	28°15	19°44	12°41	T 13
F 14	4 4 51	0♐12'19	19° 9	10° 3	2°46	22°16	12° 0	22°26	28°57	10°29	14°50	26°49	28°12	19°51	12°38	F 14
S 15	4 8 48	1°13'13	2♍13	10°54	2°55	23° 2	11°52	22°25	28°55	10°30	14°49	26°R49	28° 8	19°57	12°35	S 15
S 16	4 12 44	2°14'08	15°41	11°50	3° 1	23°48	11°44	22°25	28°53	10°31	14°48	26°48	28° 5	20° 4	12°32	S 16
M17	4 16 41	3°15'05	29°36	12°51	3° 5	24°34	11°36	22°D25	28°51	10°32	14°48	26°45	28° 2	20°11	12°29	M17
T 18	4 20 37	4°16'03	13♎59	13°56	3°R 7	25°19	11°28	22°25	28°49	10°33	14°47	26°40	27°59	20°18	12°26	T 18
W19	4 24 34	5°17'02	28°47	15° 4	3° 7	26° 5	11°20	22°25	28°47	10°34	14°46	26°33	27°56	20°24	12°23	W19
T 20	4 28 30	6°18'02	13♏54	16°16	3° 4	26°51	11°12	22°26	28°45	10°36	14°46	26°25	27°53	20°31	12°21	T 20
F 21	4 32 27	7°19'04	29° 9	17°30	2°58	27°37	11° 4	22°26	28°43	10°37	14°45	26°17	27°49	20°38	12°18	F 21
S 22	4 36 24	8°20'06	14♐24	18°47	2°50	28°23	10°56	22°26	28°42	10°38	14°44	26°10	27°46	20°44	12°15	S 22
S 23	4 40 20	9°21'09	29°26	20° 6	2°40	29°10	10°48	22°27	28°40	10°39	14°44	26° 5	27°43	20°51	12°12	S 23
M24	4 44 17	10°22'13	14♑ 7	21°26	2°27	29°56	10°40	22°28	28°38	10°41	14°43	26° 3	27°40	20°58	12° 9	M24
T 25	4 48 13	11°23'18	28°22	22°48	2°12	0♑42	10°31	22°29	28°37	10°42	14°43	26°D 2	27°37	21° 5	12° 7	T 25
W26	4 52 10	12°24'23	12♒ 9	24°11	1°54	1°28	10°23	22°29	28°35	10°43	14°42	26° 3	27°34	21°11	12° 4	W26
T 27	4 56 6	13°25'28	25°27	25°35	1°34	2°14	10°15	22°30	28°34	10°45	14°42	26° 4	27°30	21°18	12° 1	T 27
F 28	5 0 3	14°26'34	8♓21	27° 1	1°11	3° 1	10° 7	22°32	28°32	10°46	14°41	26° 5	27°27	21°25	11°59	F 28
S 29	5 3 59	15°27'40	20°53	28°27	0°47	3°47	9°59	22°33	28°31	10°48	14°41	26°R 5	27°24	21°31	11°56	S 29
S 30	5 7 56	16♐28'47	3♈ 9	29♏54	0♑20	4♑34	9♊51	22♓34	28♈29	10♒49	14♈40	26♋ 4	27♋21	21♉38	11♉54	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	16s59	10s20	3s29	14s51	0n53	27s42	4s12	23s12	0s50	21n49	0s42	5s14	2s31	10n49	0s32	17s57	0s14	10s 8	17s26	20n34	20n27	12n42	14n 1	1s58
S 2	17 16	6 8	4 11	14 11	1 11	27 39	4 9	23 18	0 50	21 48	0 42	5 15	2 31	10 48	0 32	17 57	0 14	10 8	17 26	20 35	20 28	12 44	14 0	1 58
M 3	17 33	1 46	4 41	13 35	1 28	27 37	4 5	23 24	0 51	21 48	0 42	5 15	2 31	10 47	0 31	17 57	0 14	10 8	17 25	20 36	20 29	12 46	13 59	1 58
T 4	17 49	2n37	4 58	13 3	1 43	27 33	4 2	23 29	0 51	21 47	0 41	5 16	2 30	10 46	0 31	17 57	0 14	10 9	17 25	20 38	20 29	12 48	13 58	1 58
W 5	18 6	6 54	5 1	12 37	1 56	27 29	3 58	23 35	0 52	21 46	0 41	5 16	2 30	10 46	0 31	17 56	0 14	10 9	17 25	20 41	20 30	12 50	13 57	1 58
T 6	18 21	10 54	4 52	12 16	2 7	27 25	3 54	23 40	0 52	21 45	0 41	5 16	2 30	10 45	0 31	17 56	0 14	10 9	17 25	20 44	20 31	12 52	13 56	1 58
F 7	18 37	14 28	4 30	12 1	2 16	27 20	3 49	23 45	0 52	21 45	0 41	5 16	2 30	10 44	0 31	17 56	0 14	10 9	17 24	20 46	20 31	12 54	13 55	1 58
S 8	18 52	17 29	3 57	11 51	2 23	27 15	3 44	23 50	0 53	21 44	0 41	5 17	2 30	10 43	0 31	17 56	0 14	10 9	17 24	20 48	20 32	12 56	13 54	1 58
S 9	19 7	19 46	3 12	11 46	2 28	27 9	3 38	23 54	0 53	21 43	0 41	5 17	2 29	10 43	0 31	17 56	0 14	10 9	17 24	20 50	20 32	12 59	13 53	1 58
M10	19 21	21 12	2 19	11 47	2 31	27 3	3 32	23 59	0 54	21 42	0 41	5 17	2 29	10 42	0 31	17 55	0 14	10 9	17 24	20 51	20 33	13 1	13 52	1 58
T 11	19 36	21 41	1 19	11 52	2 33	26 56	3 26	24 2	0 54	21 41	0 41	5 17	2 29	10 41	0 31	17 55	0 14	10 9	17 23	20 52	20 34	13 3	13 51	1 58
W12	19 49	21 8	0 15	12 1	2 34	26 49	3 19	24 6	0 54	21 40	0 41	5 17	2 29	10 40	0 31	17 55	0 14	10 9	17 23	20 52	20 34	13 5	13 50	1 58
T 13	20 3	19 33	0n52	12 14	2 33	26 42	3 12	24 10	0 55	21 39	0 41	5 17	2 28	10 40	0 31	17 54	0 14	10 9	17 23	20 52	20 35	13 7	13 49	1 58
F 14	20 16	16 59	1 57	12 30	2 31	26 34	3 4	24 13	0 55	21 38	0 41	5 17	2 28	10 39	0 31	17 54	0 14	10 9	17 23	20 52	20 36	13 9	13 48	1 59
S 15	20 29	13 30	2 58	12 48	2 28	26 25	2 56	24 16	0 56	21 37	0 40	5 17	2 28	10 38	0 31	17 54	0 14	10 9	17 22	20 52	20 36	13 11	13 47	1 59
S 16	20 41	9 13	3 52	13 9	2 24	26 17	2 47	24 18	0 56	21 36	0 40	5 17	2 28	10 38	0 31	17 54	0 14	10 9	17 22	20 52	20 37	13 13	13 46	1 59
M17	20 53	4 20	4 33	13 31	2 20	26 7	2 38	24 21	0 56	21 35	0 40	5 17	2 28	10 37	0 31	17 53	0 14	10 9	17 22	20 53	20 38	13 15	13 45	1 59
T 18	21 4	0s56	4 59	13 56	2 15	25 58	2 29	24 23	0 57	21 34	0 40	5 16	2 27	10 36	0 31	17 53	0 14	10 9	17 22	20 54	20 38	13 17	13 44	1 59
W19	21 15	6 18	5 6	14 21	2 10	25 48	2 18	24 25	0 57	21 33	0 40	5 16	2 27	10 36	0 31	17 53	0 14	10 9	17 21	20 55	20 39	13 19	13 43	1 59
T 20	21 26	11 24	4 53	14 47	2 4	25 37	2 8	24 26	0 57	21 32	0 40	5 16	2 27	10 35	0 31	17 52	0 14	10 9	17 21	20 57	20 40	13 21	13 43	1 59
F 21	21 36	15 50	4 18	15 14	1 57	25 26	1 57	24 28	0 58	21 31	0 40	5 15	2 27	10 34	0 31	17 52	0 14	10 9	17 21	20 58	20 40	13 24	13 42	1 59
S 22	21 46	19 13	3 25	15 42	1 51	25 15	1 45	24 29	0 58	21 30	0 40	5 15	2 26	10 34	0 31	17 52	0 14	10 9	17 20	20 59	20 41	13 26	13 41	1 59
S 23	21 56	21 13	2 19	16 9	1 44	25 3	1 33	24 29	0 58	21 29	0 39	5 15	2 26	10 33	0 31	17 51	0 14	10 9	17 20	21 0	20 41	13 28	13 40	1 59
M24	22 5	21 43	1 4	16 37	1 37	24 50	1 20	24 30	0 58	21 28	0 39	5 14	2 26	10 33	0 31	17 51	0 14	10 9	17 20	21 1	20 42	13 30	13 39	1 59
T 25	22 13	20 46	0s13	17 5	1 30	24 38	1 7	24 30	0 59	21 27	0 39	5 14	2 26	10 32	0 31	17 51	0 14	10 9	17 19	21 1	20 43	13 32	13 38	1 59
W26	22 22	18 35	1 26	17 33	1 23	24 24	0 54	24 30	0 59	21 26	0 39	5 13	2 26	10 32	0 31	17 50	0 14	10 9	17 19	21 1	20 43	13 34	13 37	1 59
T 27	22 29	15 28	2 33	18 1	1 15	24 11	0 40	24 30	0 59	21 25	0 39	5 12	2 25	10 31	0 31	17 50	0 14	10 9	17 19	21 0	20 44	13 36	13 36	1 59
F 28	22 37	11 42	3 29	18 28	1 8	23 57	0 26	24 29	1 0	21 24	0 39	5 12	2 25	10 31	0 31	17 50	0 14	10 9	17 18	21 0	20 45	13 38	13 36	1 59
S 29	22 44	7 31	4 14	18 54	1 0	23 42	0 11	24 28	1 0	21 23	0 39	5 11	2 25	10 30	0 31	17 49	0 14	10 9	17 18	21 0	20 45	13 40	13 35	1 59
S 30	22s50	3s 7	4s46	19s21	0n53	23s27	0n 4	24s27	1s 0	21n22	0s38	5s10	2s25	10n30	0s31	17s49	0s14	10s 9	17s18	21n 1	20n46	13n42	13n34	1s59

Julian Day Number = 2213719.5, Delta T = 09m10s
Ecliptic obliquity = 23°31'21, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°39'28, Lahiri = 14°46'28 Julian Calendar 1 Nov. 1348 == Greg. Calendar 9 Nov. 1348

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ASTRODIENST EPHEMERIS for the year 1348
geocentric

DECEMBER 1348 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	5 11 53	17♐29'54	15♈14	1♐21	29°R51	5♑20	9°R43	22♓36	28°R28	10♒51	14°R40	26°R 0	27♋18	21♉45	11°R51	M 1
T 2	5 15 49	18°31'01	27°10	2°49	29♐21	6° 6	9♊35	22°37	28♈26	10°52	14♈39	25♋55	27°14	21°52	11♉49	T 2
W 3	5 19 46	19°32'08	9♉ 2	4°18	28°49	6°53	9°27	22°39	28°25	10°54	14°39	25°49	27°11	21°58	11°47	W 3
T 4	5 23 42	20°33'16	20°53	5°47	28°16	7°39	9°19	22°41	28°24	10°55	14°39	25°42	27° 8	22° 5	11°44	T 4
F 5	5 27 39	21°34'24	2♊46	7°17	27°41	8°26	9°11	22°43	28°23	10°57	14°38	25°35	27° 5	22°12	11°42	F 5
S 6	5 31 35	22°35'32	14°42	8°47	27° 6	9°13	9° 3	22°45	28°21	10°59	14°38	25°29	27° 2	22°18	11°40	S 6
S 7	5 35 32	23°36'41	26°43	10°17	26°30	9°59	8°56	22°47	28°20	11° 0	14°38	25°24	26°59	22°25	11°38	S 7
M 8	5 39 28	24°37'50	8♋51	11°47	25°53	10°46	8°48	22°49	28°19	11° 2	14°37	25°22	26°55	22°32	11°36	M 8
T 9	5 43 25	25°38'59	21° 7	13°19	25°17	11°33	8°40	22°51	28°18	11° 4	14°37	25°D20	26°52	22°39	11°33	T 9
W10	5 47 22	26°40'09	3♌32	14°50	24°40	12°19	8°33	22°54	28°17	11° 6	14°37	25°20	26°49	22°45	11°31	W10
T 11	5 51 18	27°41'19	16° 9	16°22	24° 4	13° 6	8°26	22°56	28°16	11° 7	14°36	25°22	26°46	22°52	11°30	T 11
F 12	5 55 15	28°42'29	29° 0	17°53	23°28	13°53	8°18	22°59	28°15	11° 9	14°36	25°23	26°43	22°59	11°28	F 12
S 13	5 59 11	29°43'40	12♍ 8	19°26	22°53	14°40	8°11	23° 1	28°15	11°11	14°36	25°25	26°40	23° 5	11°26	S 13
S 14	6 3 8	0♎44'51	25°34	20°58	22°20	15°27	8° 4	23° 4	28°14	11°13	14°36	25°R26	26°36	23°12	11°24	S 14
M15	6 7 4	1°46'02	9♏21	22°31	21°47	16°14	7°57	23° 7	28°13	11°15	14°36	25°26	26°33	23°19	11°22	M15
T 16	6 11 1	2°47'14	23°29	24° 5	21°16	17° 1	7°51	23°10	28°12	11°16	14°36	25°25	26°30	23°25	11°21	T 16
W17	6 14 57	3°48'26	7♏56	25°38	20°47	17°48	7°44	23°13	28°12	11°18	14°36	25°22	26°27	23°32	11°19	W17
T 18	6 18 54	4°49'38	22°39	27°12	20°20	18°35	7°38	23°16	28°11	11°20	14°35	25°20	26°24	23°39	11°17	T 18
F 19	6 22 51	5°50'50	7♐33	28°47	19°54	19°22	7°31	23°20	28°11	11°22	14°35	25°17	26°20	23°46	11°16	F 19
S 20	6 26 47	6°52'03	22°29	0♑21	19°31	20° 9	7°25	23°23	28°10	11°24	14°35	25°14	26°17	23°52	11°14	S 20
S 21	6 30 44	7°53'15	7♑19	1°57	19°10	20°56	7°19	23°27	28°10	11°26	14°D35	25°13	26°14	23°59	11°13	S 21
M22	6 34 40	8°54'27	21°55	3°32	18°52	21°43	7°13	23°30	28° 9	11°28	14°35	25°D12	26°11	24° 6	11°12	M22
T 23	6 38 37	9°55'39	6♒11	5° 8	18°35	22°30	7° 7	23°34	28° 9	11°30	14°35	25°12	26° 8	24°12	11°10	T 23
W24	6 42 33	10°56'50	20° 2	6°45	18°21	23°17	7° 1	23°38	28° 9	11°32	14°35	25°13	26° 5	24°19	11° 9	W24
T 25	6 46 30	11°58'01	3♓28	8°21	18°10	24° 4	6°56	23°42	28° 8	11°34	14°36	25°14	26° 1	24°26	11° 8	T 25
F 26	6 50 27	12°59'11	16°30	9°59	18° 1	24°52	6°51	23°46	28° 8	11°36	14°36	25°16	25°58	24°33	11° 7	F 26
S 27	6 54 23	14° 0'20	29° 9	11°37	17°55	25°39	6°46	23°50	28° 8	11°38	14°36	25°17	25°55	24°39	11° 6	S 27
S 28	6 58 20	15° 1'28	11♈29	13°15	17°51	26°26	6°41	23°54	28° 8	11°40	14°36	25°R17	25°52	24°46	11° 5	S 28
M29	7 2 16	16° 2'36	23°35	14°54	17°D49	27°13	6°36	23°58	28°D 8	11°42	14°36	25°17	25°49	24°53	11° 4	M29
T 30	7 6 13	17° 3'43	5♉32	16°33	17°50	28° 1	6°31	24° 2	28° 8	11°44	14°36	25°16	25°46	24°59	11° 3	T 30
W31	7 10 9	18♑ 4'49	17♉23	18♑13	17♐53	28♑48	6♊27	24♓ 7	28♈ 8	11♒47	14♈37	25♋16	25♋42	25♉ 6	11♉ 2	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	22s56	1n20	5s 5	19s46	0n45	23s12	0n19	24s25	1s 0	21n21	0s38	5s 9	2s24	10n29	0s31	17s48	0s14	10s 8	17s18	21n 1	20n46	13n44	13n33	1s59
T 2	23 1	5 40	5 10	20 11	0 38	22 57	0 34	24 24	1 1	21 20	0 38	5 9	2 24	10 29	0 31	17 48	0 15	10 8	17 17	21 2	20 47	13 46	13 33	1 59
W 3	23 7	9 47	5 2	20 35	0 30	22 41	0 50	24 21	1 1	21 19	0 38	5 8	2 24	10 28	0 31	17 47	0 15	10 8	17 17	21 3	20 48	13 48	13 32	1 59
T 4	23 11	13 31	4 41	20 58	0 23	22 25	1 6	24 19	1 1	21 18	0 38	5 7	2 24	10 28	0 31	17 47	0 15	10 8	17 16	21 5	20 48	13 50	13 31	1 59
F 5	23 15	16 44	4 8	21 21	0 15	22 9	1 21	24 16	1 1	21 17	0 38	5 6	2 23	10 27	0 31	17 47	0 15	10 8	17 16	21 6	20 49	13 52	13 30	1 59
S 6	23 19	19 16	3 24	21 43	0 8	21 52	1 37	24 14	1 2	21 16	0 37	5 5	2 23	10 27	0 31	17 46	0 15	10 8	17 16	21 7	20 50	13 54	13 30	1 59
S 7	23 22	20 59	2 30	22 3	0 1	21 36	1 53	24 10	1 2	21 15	0 37	5 4	2 23	10 27	0 31	17 46	0 15	10 7	17 15	21 8	20 50	13 57	13 29	1 59
M 8	23 25	21 45	1 29	22 23	0s 6	21 20	2 8	24 7	1 2	21 14	0 37	5 3	2 23	10 26	0 31	17 45	0 15	10 7	17 15	21 8	20 51	13 59	13 28	1 59
T 9	23 27	21 29	0 23	22 42	0 13	21 3	2 23	24 3	1 2	21 13	0 37	5 2	2 23	10 26	0 31	17 45	0 15	10 7	17 15	21 9	20 51	14 1	13 28	1 59
W10	23 29	20 9	0n45	22 59	0 20	20 47	2 38	23 59	1 3	21 12	0 37	5 0	2 22	10 26	0 31	17 44	0 15	10 7	17 14	21 9	20 52	14 3	13 27	1 59
T 11	23 30	17 50	1 52	23 16	0 27	20 31	2 52	23 55	1 3	21 11	0 37	4 59	2 22	10 25	0 31	17 44	0 15	10 7	17 14	21 8	20 53	14 5	13 27	1 59
F 12	23 31	14 35	2 55	23 32	0 34	20 15	3 7	23 50	1 3	21 10	0 36	4 58	2 22	10 25	0 31	17 43	0 15	10 6	17 14	21 8	20 53	14 7	13 26	1 59
S 13	23 31	10 34	3 49	23 46	0 40	20 0	3 20	23 45	1 3	21 9	0 36	4 57	2 22	10 25	0 30	17 43	0 15	10 6	17 13	21 8	20 54	14 9	13 25	1 59
S 14	23 31	5 57	4 33	23 59	0 46	19 45	3 33	23 40	1 3	21 8	0 36	4 55	2 21	10 24	0 30	17 42	0 15	10 6	17 13	21 8	20 54	14 11	13 25	1 59
M15	23 31	0 55	5 3	24 11	0 52	19 31	3 46	23 35	1 3	21 7	0 36	4 54	2 21	10 24	0 30	17 42	0 15	10 5	17 13	21 8	20 55	14 13	13 24	1 59
T 16	23 30	4s16	5 15	24 22	0 58	19 17	3 58	23 29	1 4	21 6	0 36	4 53	2 21	10 24	0 30	17 41	0 15	10 5	17 12	21 8	20 56	14 15	13 24	1 59
W17	23 28	9 21	5 7	24 31	1 4	19 4	4 9	23 23	1 4	21 6	0 35	4 51	2 21	10 24	0 30	17 41	0 15	10 5	17 12	21 8	20 56	14 17	13 23	1 59
T 18	23 26	13 59	4 40	24 39	1 10	18 51	4 20	23 17	1 4	21 5	0 35	4 50	2 21	10 24	0 30	17 40	0 15	10 5	17 12	21 9	20 57	14 19	13 23	1 59
F 19	23 24	17 48	3 54	24 46	1 15	18 39	4 30	23 11	1 4	21 4	0 35	4 48	2 20	10 23	0 30	17 40	0 15	10 4	17 11	21 9	20 57	14 21	13 22	1 59
S 20	23 21	20 28	2 51	24 52	1 20	18 28	4 39	23 4	1 4	21 3	0 35	4 47	2 20	10 23	0 30	17 39	0 15	10 4	17 11	21 10	20 58	14 23	13 22	1 59
S 21	23 17	21 42	1 37	24 56	1 25	18 18	4 48	22 57	1 4	21 2	0 35	4 45	2 20	10 23	0 30	17 39	0 15	10 4	17 10	21 10	20 59	14 25	13 22	1 59
M22	23 13	21 26	0 18	24 58	1 30	18 8	4 56	22 49	1 4	21 1	0 34	4 43	2 20	10 23	0 30	17 38	0 15	10 3	17 10	21 10	20 59	14 27	13 21	1 59
T 23	23 9	19 46	1s 0	25 0	1 34	17 59	5 3	22 42	1 5	21 1	0 34	4 42	2 19	10 23	0 30	17 38	0 15	10 3	17 10	21 10	21 0	14 29	13 21	1 59
W24	23 4	16 57	2 13	24 59	1 39	17 52	5 10	22 34	1 5	21 0	0 34	4 40	2 19	10 23	0 30	17 37	0 15	10 3	17 9	21 10	21 0	14 31	13 20	1 59
T 25	22 59	13 19	3 16	24 58	1 42	17 45	5 16	22 26	1 5	20 59	0 34	4 38	2 19	10 23	0 30	17 36	0 15	10 2	17 9	21 10	21 1	14 33	13 20	1 59
F 26	22 53	9 8	4 7	24 55	1 46	17 38	5 22	22 18	1 5	20 59	0 34	4 37	2 19	10 23	0 30	17 36	0 15	10 2	17 9	21 9	21 2	14 35	13 20	1 59
S 27	22 47	4 41	4 45	24 50	1 50	17 33	5 27	22 9	1 5	20 58	0 33	4 35	2 19	10 23	0 30	17 35	0 15	10 1	17 8	21 9	21 2	14 37	13 20	1 59
S 28	22 40	0 10	5 8	24 44	1 53	17 28	5 31	22 0	1 5	20 57	0 33	4 33	2 18	10 23	0 30	17 35	0 15	10 1	17 8	21 9	21 3	14 39	13 19	1 59
M29	22 33	4n17	5 17	24 36	1 55	17 24	5 35	21 51	1 5	20 57	0 33	4 31	2 18	10 23	0 30	17 34	0 15	10 1	17 7	21 9	21 3	14 41	13 19	1 59
T 30	22 26	8 30	5 12	24 26	1 58	17 21	5 38	21 42	1 5	20 56	0 33	4 29	2 18	10 23	0 30	17 34	0 15	10 0	17 7	21 9	21 4	14 43	13 19	1 59
W31	22s18	12n23	4s54	24s15	2s 0	17s19	5n40	21s32	1s 5	20n56	0s33	4s27	2s18	10n23	0s30	17s33	0s15	10s 0	17s 7	21n10	21n 5	14n45	13n19	1s59

Julian Day Number = 2213749.5, Delta T = 09m10s
Ecliptic obliquity = 23°31'21, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°39'32, Lahiri = 14°46'32 Julian Calendar 1 Dec. 1348 == Greg. Calendar 9 Dec. 1348

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ASTRODIENST EPHEMERIS for the year 1349
geocentric

JANUARY 1349 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	7 14 6	19♉ 5'55	29♉14	19♉53	17♐59	29♉35	6°R23	24♓11	28♈ 8	11♒49	14♈37	25°R15	25♋39	25♉13	11°R 2	T 1
F 2	7 18 2	20° 6'59	11♊ 8	21°34	18° 7	0♒23	6♊18	24°16	28° 9	11°51	14°37	25♋14	25°36	25°19	11♉ 1	F 2
S 3	7 21 59	21° 8'03	23° 9	23°16	18°17	1°10	6°15	24°20	28° 9	11°53	14°37	25°13	25°33	25°26	11° 0	S 3
S 4	7 25 56	22° 9'06	5♋18	24°58	18°30	1°57	6°11	24°25	28° 9	11°55	14°38	25°13	25°30	25°33	11° 0	S 4
M 5	7 29 52	23°10'08	17°38	26°40	18°44	2°45	6° 7	24°30	28° 9	11°57	14°38	25°13	25°26	25°40	11° 0	M 5
T 6	7 33 49	24°11'09	0♌11	28°23	19° 1	3°32	6° 4	24°35	28°10	12° 0	14°38	25°D13	25°23	25°46	10°59	T 6
W 7	7 37 45	25°12'09	12°56	0♒ 7	19°20	4°19	6° 1	24°40	28°10	12° 2	14°39	25°R13	25°20	25°53	10°59	W 7
T 8	7 41 42	26°13'09	25°54	1°51	19°40	5° 7	5°58	24°45	28°11	12° 4	14°39	25°13	25°17	26° 0	10°59	T 8
F 9	7 45 38	27°14'07	9♍ 6	3°35	20° 3	5°54	5°55	24°50	28°11	12° 6	14°40	25°12	25°14	26° 6	10°58	F 9
S 10	7 49 35	28°15'05	22°31	5°20	20°27	6°41	5°53	24°55	28°12	12° 8	14°40	25°12	25°11	26°13	10°58	S 10
S 11	7 53 31	29°16'03	6♎ 8	7° 5	20°53	7°29	5°51	25° 0	28°13	12°11	14°40	25°12	25° 7	26°20	10°D58	S 11
M12	7 57 28	0♒16'59	19°59	8°51	21°21	8°16	5°48	25° 6	28°13	12°13	14°41	25°11	25° 4	26°27	10°58	M12
T 13	8 1 25	1°17'55	4♏ 1	10°36	21°51	9° 4	5°46	25°11	28°14	12°15	14°41	25°D11	25° 1	26°33	10°58	T 13
W14	8 5 21	2°18'50	18°13	12°22	22°22	9°51	5°45	25°17	28°15	12°17	14°42	25°12	24°58	26°40	10°59	W14
T 15	8 9 18	3°19'44	2♐33	14° 7	22°54	10°39	5°43	25°22	28°16	12°20	14°42	25°12	24°55	26°47	10°59	T 15
F 16	8 13 14	4°20'38	16°59	15°52	23°28	11°26	5°42	25°28	28°17	12°22	14°43	25°13	24°52	26°53	10°59	F 16
S 17	8 17 11	5°21'30	1♑26	17°37	24° 3	12°14	5°41	25°33	28°18	12°24	14°44	25°14	24°48	27° 0	10°59	S 17
S 18	8 21 7	6°22'22	15°49	19°21	24°40	13° 1	5°40	25°39	28°19	12°26	14°44	25°14	24°45	27° 7	11° 0	S 18
M19	8 25 4	7°23'13	0♒ 4	21° 4	25°18	13°48	5°39	25°45	28°20	12°29	14°45	25°R15	24°42	27°13	11° 0	M19
T 20	8 29 0	8°24'02	14° 5	22°45	25°57	14°36	5°39	25°51	28°21	12°31	14°46	25°14	24°39	27°20	11° 1	T 20
W21	8 32 57	9°24'50	27°48	24°25	26°38	15°23	5°38	25°57	28°22	12°33	14°46	25°13	24°36	27°27	11° 1	W21
T 22	8 36 54	10°25'36	11♓12	26° 3	27°19	16°11	5°D38	26° 3	28°23	12°35	14°47	25°11	24°32	27°34	11° 2	T 22
F 23	8 40 50	11°26'21	24°14	27°38	28° 2	16°58	5°38	26° 9	28°25	12°38	14°48	25° 8	24°29	27°40	11° 3	F 23
S 24	8 44 47	12°27'04	6♈56	29° 9	28°46	17°46	5°39	26°15	28°26	12°40	14°48	25° 6	24°26	27°47	11° 4	S 24
S 25	8 48 43	13°27'46	19°20	0♓37	29°30	18°33	5°39	26°21	28°27	12°42	14°49	25° 4	24°23	27°54	11° 5	S 25
M26	8 52 40	14°28'26	1♉29	2° 0	0♑16	19°21	5°40	26°27	28°29	12°45	14°50	25° 2	24°20	28° 0	11° 6	M26
T 27	8 56 36	15°29'04	13°28	3°19	1° 2	20° 8	5°41	26°34	28°30	12°47	14°51	25°D 1	24°17	28° 7	11° 7	T 27
W28	9 0 33	16°29'41	25°20	4°31	1°50	20°55	5°42	26°40	28°32	12°49	14°51	25° 2	24°13	28°14	11° 8	W28
T 29	9 4 29	17°30'16	7♊11	5°37	2°38	21°43	5°43	26°46	28°33	12°51	14°52	25° 3	24°10	28°20	11° 9	T 29
F 30	9 8 26	18°30'49	19° 6	6°35	3°27	22°30	5°45	26°53	28°35	12°54	14°53	25° 4	24° 7	28°27	11°10	F 30
S 31	9 12 23	19♒31'20	1♋ 9	7♓26	4♑17	23♒18	5♊47	26♓59	28♈37	12♒56	14♈54	25♋ 6	24♋ 4	28♉34	11♉11	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		⚸	☊	☊	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22s 9	15n46	4s23	24s 3	2s 2	17s17	5n43	21s22	1s 5	20n55	0s32	4s25	2s18	10n23	0s30	17s32	0s15	9s59	17s 6	21n10	21n 5	14n47	13n18	1s59
F 2	22 1	18 33	3 41	23 49	2 3	17 16	5 44	21 12	1 5	20 55	0 32	4 23	2 18	10 23	0 30	17 32	0 15	9 59	17 6	21 10	21 6	14 49	13 18	1 59
S 3	21 51	20 32	2 49	23 33	2 4	17 16	5 45	21 2	1 5	20 54	0 32	4 21	2 17	10 23	0 30	17 31	0 15	9 58	17 6	21 10	21 6	14 51	13 18	1 59
S 4	21 42	21 37	1 48	23 15	2 4	17 16	5 46	20 51	1 5	20 54	0 32	4 19	2 17	10 23	0 30	17 31	0 15	9 58	17 5	21 10	21 7	14 53	13 18	1 59
M 5	21 32	21 40	0 42	22 56	2 5	17 17	5 47	20 41	1 5	20 53	0 31	4 17	2 17	10 24	0 30	17 30	0 15	9 58	17 5	21 10	21 8	14 55	13 18	1 59
T 6	21 21	20 38	0n28	22 35	2 4	17 19	5 47	20 30	1 5	20 53	0 31	4 15	2 17	10 24	0 30	17 29	0 15	9 57	17 5	21 10	21 8	14 57	13 18	1 59
W 7	21 10	18 32	1 37	22 12	2 4	17 20	5 46	20 18	1 5	20 53	0 31	4 13	2 17	10 24	0 30	17 29	0 15	9 57	17 4	21 10	21 9	14 59	13 18	1 59
T 8	20 59	15 28	2 42	21 48	2 2	17 23	5 45	20 7	1 5	20 52	0 31	4 11	2 16	10 24	0 30	17 28	0 15	9 56	17 4	21 10	21 9	15 1	13 18	1 59
F 9	20 47	11 35	3 40	21 22	2 1	17 26	5 44	19 55	1 5	20 52	0 31	4 9	2 16	10 24	0 30	17 28	0 15	9 56	17 3	21 10	21 10	15 3	13 18	1 59
S 10	20 35	7 4	4 27	20 55	1 58	17 29	5 43	19 43	1 5	20 52	0 30	4 6	2 16	10 25	0 30	17 27	0 15	9 55	17 3	21 10	21 10	15 5	13 18	1 58
S 11	20 22	2 9	5 0	20 25	1 55	17 32	5 41	19 31	1 5	20 52	0 30	4 4	2 16	10 25	0 30	17 26	0 15	9 55	17 3	21 10	21 11	15 7	13 18	1 58
M12	20 10	2s58	5 16	19 55	1 52	17 36	5 39	19 19	1 5	20 52	0 30	4 2	2 16	10 25	0 30	17 26	0 15	9 54	17 2	21 10	21 12	15 9	13 18	1 58
T 13	19 56	7 59	5 14	19 22	1 48	17 40	5 37	19 6	1 5	20 51	0 30	4 0	2 16	10 26	0 29	17 25	0 15	9 54	17 2	21 10	21 12	15 11	13 18	1 58
W14	19 43	12 38	4 52	18 48	1 43	17 44	5 34	18 53	1 5	20 51	0 29	3 57	2 15	10 26	0 29	17 25	0 15	9 53	17 2	21 10	21 13	15 13	13 18	1 58
T 15	19 29	16 37	4 12	18 13	1 38	17 49	5 32	18 41	1 5	20 51	0 29	3 55	2 15	10 26	0 29	17 24	0 15	9 53	17 1	21 10	21 13	15 15	13 18	1 58
F 16	19 14	19 37	3 17	17 36	1 32	17 53	5 29	18 27	1 5	20 51	0 29	3 52	2 15	10 27	0 29	17 23	0 15	9 52	17 1	21 10	21 14	15 17	13 18	1 58
S 17	19 0	21 23	2 8	16 57	1 25	17 58	5 25	18 14	1 5	20 51	0 29	3 50	2 15	10 27	0 29	17 23	0 15	9 52	17 1	21 10	21 14	15 19	13 18	1 58
S 18	18 45	21 43	0 52	16 18	1 18	18 3	5 22	18 0	1 5	20 51	0 29	3 48	2 15	10 27	0 29	17 22	0 15	9 51	17 0	21 10	21 15	15 21	13 18	1 58
M19	18 29	20 39	0s27	15 37	1 10	18 8	5 19	17 47	1 5	20 51	0 28	3 45	2 15	10 28	0 29	17 21	0 15	9 50	17 0	21 10	21 16	15 23	13 19	1 58
T 20	18 14	18 18	1 42	14 56	1 1	18 13	5 15	17 33	1 5	20 51	0 28	3 43	2 15	10 28	0 29	17 21	0 15	9 50	17 0	21 10	21 16	15 25	13 19	1 58
W21	17 58	14 57	2 51	14 14	0 51	18 18	5 11	17 19	1 5	20 52	0 28	3 40	2 14	10 29	0 29	17 20	0 15	9 49	16 59	21 10	21 17	15 27	13 19	1 58
T 22	17 41	10 54	3 48	13 31	0 40	18 23	5 7	17 4	1 5	20 52	0 28	3 38	2 14	10 29	0 29	17 20	0 15	9 49	16 59	21 10	21 17	15 29	13 19	1 58
F 23	17 25	6 26	4 31	12 48	0 29	18 28	5 3	16 50	1 5	20 52	0 28	3 35	2 14	10 30	0 29	17 19	0 15	9 48	16 59	21 11	21 18	15 31	13 20	1 58
S 24	17 8	1 50	5 0	12 5	0 17	18 33	4 58	16 35	1 5	20 52	0 27	3 33	2 14	10 30	0 29	17 18	0 15	9 48	16 58	21 11	21 18	15 32	13 20	1 58
S 25	16 50	2n45	5 14	11 22	0 4	18 37	4 54	16 20	1 5	20 53	0 27	3 30	2 14	10 31	0 29	17 18	0 15	9 47	16 58	21 12	21 19	15 34	13 20	1 58
M26	16 33	7 8	5 14	10 40	0n 9	18 42	4 49	16 5	1 4	20 53	0 27	3 27	2 14	10 31	0 29	17 17	0 15	9 46	16 58	21 12	21 20	15 36	13 20	1 58
T 27	16 15	11 10	4 59	9 58	0 23	18 47	4 45	15 50	1 4	20 53	0 27	3 25	2 14	10 32	0 29	17 16	0 15	9 46	16 57	21 12	21 20	15 38	13 21	1 58
W28	15 57	14 45	4 33	9 18	0 38	18 51	4 40	15 35	1 4	20 54	0 27	3 22	2 13	10 32	0 29	17 16	0 15	9 45	16 57	21 12	21 21	15 40	13 21	1 58
T 29	15 38	17 44	3 54	8 40	0 53	18 55	4 35	15 20	1 4	20 54	0 26	3 19	2 13	10 33	0 29	17 15	0 15	9 45	16 57	21 12	21 21	15 42	13 22	1 58
F 30	15 20	19 59	3 6	8 4	1 8	18 59	4 30	15 4	1 4	20 55	0 26	3 17	2 13	10 33	0 29	17 14	0 15	9 44	16 56	21 12	21 22	15 44	13 22	1 58
S 31	15s 1	21n23	2s 8	7s31	1n24	19s 2	4n25	14s48	1s 4	20n55	0s26	3s14	2s13	10n34	0s29	17s14	0s15	9s44	16s56	21n11	21n22	15n46	13n22	1s58

Julian Day Number = 2213780.5, Delta T = 09m10s
Ecliptic obliquity = 23°31'21, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°39'36, Lahiri = 14°46'37 Julian Calendar 1 Jan. 1349 == Greg. Calendar 9 Jan. 1349

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ASTRODIENST EPHEMERIS for the year 1349
geocentric

FEBRUARY 1349 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	9 16 19	20♒31'50	13♋24	8♓ 8	5♑ 7	24♒ 5	5♊48	27♓ 6	28♈38	12♒58	14♈55	25♋ 8	24♋ 1	28♉41	11♉13	S 1
M 2	9 20 16	21°32'17	25°54	8°41	5°59	24°52	5°51	27°13	28°40	13° 0	14°56	25°R 8	23°58	28°47	11°14	M 2
T 3	9 24 12	22°32'43	8♌41	9° 5	6°51	25°40	5°53	27°19	28°42	13° 3	14°57	25° 7	23°54	28°54	11°15	T 3
W 4	9 28 9	23°33'07	21°47	9°18	7°43	26°27	5°55	27°26	28°44	13° 5	14°58	25° 5	23°51	29° 1	11°17	W 4
T 5	9 32 5	24°33'30	5♍10	9°R22	8°37	27°15	5°58	27°33	28°46	13° 7	14°59	25° 2	23°48	29° 7	11°19	T 5
F 6	9 36 2	25°33'51	18°49	9°16	9°31	28° 2	6° 1	27°39	28°48	13° 9	15° 0	24°57	23°45	29°14	11°20	F 6
S 7	9 39 58	26°34'10	2♎41	9° 0	10°25	28°49	6° 4	27°46	28°49	13°12	15° 1	24°52	23°42	29°21	11°22	S 7
S 8	9 43 55	27°34'27	16°43	8°34	11°20	29°36	6° 7	27°53	28°51	13°14	15° 2	24°47	23°38	29°27	11°24	S 8
M 9	9 47 52	28°34'43	0♏51	8° 0	12°16	0♓24	6°11	28° 0	28°54	13°16	15° 3	24°43	23°35	29°34	11°25	M 9
T 10	9 51 48	29°34'58	15° 1	7°18	13°12	1°11	6°14	28° 7	28°56	13°18	15° 4	24°41	23°32	29°41	11°27	T 10
W11	9 55 45	0♓35'11	29°12	6°29	14° 9	1°58	6°18	28°14	28°58	13°21	15° 5	24°D40	23°29	29°48	11°29	W11
T 12	9 59 41	1°35'23	13♐20	5°35	15° 6	2°46	6°22	28°21	29° 0	13°23	15° 6	24°40	23°26	29°54	11°31	T 12
F 13	10 3 38	2°35'33	27°26	4°37	16° 4	3°33	6°26	28°28	29° 2	13°25	15° 7	24°42	23°23	0♊ 1	11°33	F 13
S 14	10 7 34	3°35'42	11♑26	3°36	17° 2	4°20	6°31	28°35	29° 4	13°27	15° 8	24°43	23°19	0° 8	11°35	S 14
S 15	10 11 31	4°35'49	25°21	2°34	18° 1	5° 7	6°35	28°42	29° 7	13°29	15° 9	24°R44	23°16	0°14	11°38	S 15
M16	10 15 27	5°35'54	9♒ 7	1°33	19° 0	5°54	6°40	28°49	29° 9	13°31	15°10	24°43	23°13	0°21	11°40	M16
T 17	10 19 24	6°35'57	22°43	0°33	19°59	6°41	6°45	28°57	29°11	13°34	15°11	24°40	23°10	0°28	11°42	T 17
W18	10 23 21	7°35'59	6♓ 7	29♒36	20°59	7°29	6°50	29° 4	29°14	13°36	15°12	24°35	23° 7	0°34	11°44	W18
T 19	10 27 17	8°35'59	19°16	28°43	21°59	8°16	6°55	29°11	29°16	13°38	15°13	24°28	23° 4	0°41	11°47	T 19
F 20	10 31 14	9°35'56	2♈10	27°55	23° 0	9° 3	7° 0	29°18	29°19	13°40	15°15	24°19	23° 0	0°48	11°49	F 20
S 21	10 35 10	10°35'52	14°47	27°12	24° 1	9°50	7° 6	29°26	29°21	13°42	15°16	24°11	22°57	0°54	11°52	S 21
S 22	10 39 7	11°35'45	27°10	26°35	25° 2	10°37	7°12	29°33	29°24	13°44	15°17	24° 3	22°54	1° 1	11°54	S 22
M23	10 43 3	12°35'36	9♉18	26° 5	26° 4	11°24	7°17	29°40	29°26	13°46	15°18	23°56	22°51	1° 8	11°57	M23
T 24	10 47 0	13°35'26	21°17	25°41	27° 6	12°11	7°23	29°48	29°29	13°48	15°19	23°51	22°48	1°15	11°59	T 24
W25	10 50 56	14°35'12	3♊ 8	25°23	28° 8	12°58	7°30	29°55	29°32	13°50	15°21	23°48	22°44	1°21	12° 2	W25
T 26	10 54 53	15°34'57	14°59	25°12	29°10	13°45	7°36	0♈ 2	29°34	13°52	15°22	23°D48	22°41	1°28	12° 5	T 26
F 27	10 58 49	16°34'39	26°52	25°D 7	0♒13	14°32	7°43	0°10	29°37	13°54	15°23	23°48	22°38	1°35	12° 8	F 27
S 28	11 2 46	17♓34'20	8♋55	25♒ 8	1♒16	15♓18	7♊49	0♈17	29♈40	13♒56	15♈24	23♋49	22♋35	1♊41	12♉11	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14s42	21n47	1s 4	7s 0	1n40	19s 6	4n20	14s32	1s 4	20n56	0s26	3s11	2s13	10n35	0s29	17s13	0s15	9s43	16s56	21n11	21n23	15n48	13n23	1s58
M 2	14 22	21 7	0n 4	6 33	1 55	19 9	4 14	14 16	1 3	20 56	0 25	3 9	2 13	10 35	0 29	17 13	0 15	9 42	16 56	21 11	21 23	15 50	13 23	1 58
T 3	14 3	19 20	1 14	6 10	2 11	19 12	4 9	14 0	1 3	20 57	0 25	3 6	2 13	10 36	0 29	17 12	0 15	9 42	16 55	21 11	21 24	15 52	13 24	1 58
W 4	13 43	16 31	2 21	5 51	2 26	19 14	4 4	13 44	1 3	20 58	0 25	3 3	2 13	10 37	0 29	17 11	0 15	9 41	16 55	21 11	21 25	15 54	13 24	1 58
T 5	13 23	12 46	3 22	5 36	2 40	19 17	3 58	13 27	1 3	20 58	0 25	3 0	2 13	10 37	0 29	17 11	0 15	9 40	16 55	21 12	21 25	15 56	13 25	1 58
F 6	13 3	8 18	4 12	5 26	2 54	19 18	3 53	13 11	1 3	20 59	0 25	2 58	2 13	10 38	0 29	17 10	0 15	9 40	16 54	21 13	21 26	15 58	13 25	1 57
S 7	12 42	3 21	4 49	5 21	3 6	19 20	3 47	12 54	1 2	21 0	0 24	2 55	2 12	10 39	0 29	17 9	0 15	9 39	16 54	21 14	21 26	16 0	13 26	1 57
S 8	12 21	1s50	5 9	5 20	3 17	19 21	3 42	12 37	1 2	21 0	0 24	2 52	2 12	10 40	0 29	17 9	0 15	9 39	16 54	21 15	21 27	16 1	13 26	1 57
M 9	12 1	6 58	5 10	5 24	3 27	19 22	3 36	12 20	1 2	21 1	0 24	2 49	2 12	10 40	0 29	17 8	0 15	9 38	16 54	21 15	21 27	16 3	13 27	1 57
T 10	11 39	11 44	4 53	5 33	3 34	19 22	3 31	12 3	1 2	21 2	0 24	2 46	2 12	10 41	0 29	17 8	0 15	9 37	16 53	21 16	21 28	16 5	13 28	1 57
W11	11 18	15 52	4 17	5 45	3 40	19 22	3 25	11 46	1 2	21 3	0 24	2 43	2 12	10 42	0 29	17 7	0 15	9 37	16 53	21 16	21 28	16 7	13 28	1 57
T 12	10 57	19 4	3 26	6 2	3 43	19 22	3 19	11 29	1 1	21 4	0 23	2 41	2 12	10 43	0 29	17 6	0 15	9 36	16 53	21 16	21 29	16 9	13 29	1 57
F 13	10 35	21 7	2 23	6 22	3 45	19 21	3 14	11 11	1 1	21 5	0 23	2 38	2 12	10 43	0 29	17 6	0 15	9 35	16 53	21 16	21 29	16 11	13 30	1 57
S 14	10 13	21 50	1 12	6 44	3 44	19 20	3 8	10 54	1 1	21 6	0 23	2 35	2 12	10 44	0 29	17 5	0 15	9 35	16 52	21 15	21 30	16 13	13 30	1 57
S 15	9 52	21 12	0s 3	7 9	3 41	19 18	3 2	10 36	1 1	21 6	0 23	2 32	2 12	10 45	0 28	17 4	0 15	9 34	16 52	21 15	21 31	16 15	13 31	1 57
M16	9 29	19 17	1 17	7 36	3 36	19 16	2 56	10 19	1 0	21 7	0 23	2 29	2 12	10 46	0 28	17 4	0 15	9 34	16 52	21 15	21 31	16 17	13 32	1 57
T 17	9 7	16 17	2 26	8 3	3 30	19 13	2 51	10 1	1 0	21 8	0 23	2 26	2 12	10 47	0 28	17 3	0 15	9 33	16 52	21 16	21 32	16 19	13 32	1 57
W18	8 45	12 28	3 25	8 31	3 21	19 10	2 45	9 43	1 0	21 10	0 22	2 23	2 12	10 48	0 28	17 3	0 15	9 32	16 51	21 17	21 32	16 21	13 33	1 57
T 19	8 22	8 7	4 12	8 59	3 11	19 6	2 39	9 25	0 59	21 11	0 22	2 20	2 12	10 49	0 28	17 2	0 15	9 32	16 51	21 18	21 33	16 22	13 34	1 57
F 20	8 0	3 30	4 45	9 26	3 0	19 2	2 33	9 7	0 59	21 12	0 22	2 17	2 11	10 50	0 28	17 1	0 15	9 31	16 51	21 20	21 33	16 24	13 35	1 57
S 21	7 37	1n11	5 4	9 52	2 47	18 57	2 28	8 49	0 59	21 13	0 22	2 14	2 11	10 50	0 28	17 1	0 15	9 30	16 51	21 21	21 34	16 26	13 35	1 57
S 22	7 14	5 43	5 7	10 17	2 34	18 52	2 22	8 31	0 59	21 14	0 22	2 11	2 11	10 51	0 28	17 0	0 15	9 30	16 51	21 23	21 34	16 28	13 36	1 57
M23	6 51	9 57	4 57	10 40	2 21	18 47	2 16	8 13	0 58	21 15	0 21	2 8	2 11	10 52	0 28	17 0	0 15	9 29	16 50	21 24	21 35	16 30	13 37	1 57
T 24	6 28	13 44	4 33	11 1	2 6	18 41	2 11	7 54	0 58	21 16	0 21	2 5	2 11	10 53	0 28	16 59	0 15	9 28	16 50	21 25	21 35	16 32	13 38	1 57
W25	6 5	16 57	3 59	11 21	1 52	18 34	2 5	7 36	0 58	21 17	0 21	2 2	2 11	10 54	0 28	16 59	0 15	9 28	16 50	21 25	21 36	16 34	13 39	1 57
T 26	5 42	19 28	3 13	11 38	1 37	18 27	1 59	7 18	0 57	21 19	0 21	1 59	2 11	10 55	0 28	16 58	0 15	9 27	16 50	21 25	21 36	16 36	13 40	1 57
F 27	5 19	21 9	2 20	11 54	1 23	18 19	1 54	6 59	0 57	21 20	0 21	1 56	2 11	10 56	0 28	16 57	0 15	9 27	16 50	21 25	21 37	16 37	13 40	1 57
S 28	4s56	21n54	1s19	12s 7	1n 9	18s11	1n48	6s41	0s57	21n21	0s21	1s53	2s11	10n57	0s28	16s57	0s15	9s26	16s49	21n25	21n37	16n39	13n41	1s57

Julian Day Number = 2213811.5, Delta T = 09m10s
Ecliptic obliquity = 23°31'22, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°39'40, Lahiri = 14°46'41 Julian Calendar 1 Feb. 1349 == Greg. Calendar 9 Feb. 1349

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ASTRODIENST EPHEMERIS for the year 1349
geocentric

MARCH 1349 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	11 6 43	18♓33'57	21♋11	25♒15	2♒20	16♓ 5	7♊56	0♈25	29♈43	13♒58	15♈26	23°R50	22♋32	1♊48	12♉13	S 1
M 2	11 10 39	19°33'33	3♌46	25°28	3°23	16°52	8° 3	0°32	29°45	14° 0	15°27	23♋49	22°29	1°55	12°16	M 2
T 3	11 14 36	20°33'06	16°42	25°46	4°27	17°39	8°10	0°40	29°48	14° 2	15°28	23°47	22°25	2° 1	12°19	T 3
W 4	11 18 32	21°32'37	0♍ 2	26° 9	5°31	18°26	8°17	0°47	29°51	14° 4	15°30	23°42	22°22	2° 8	12°22	W 4
T 5	11 22 29	22°32'06	13°45	26°36	6°35	19°12	8°25	0°55	29°54	14° 6	15°31	23°35	22°19	2°15	12°25	T 5
F 6	11 26 25	23°31'32	27°49	27° 9	7°40	19°59	8°32	1° 2	29°57	14° 8	15°32	23°26	22°16	2°21	12°29	F 6
S 7	11 30 22	24°30'57	12♎10	27°45	8°44	20°46	8°40	1°10	29°59	14°10	15°33	23°16	22°13	2°28	12°32	S 7
S 8	11 34 18	25°30'20	26°40	28°26	9°49	21°32	8°48	1°17	0♉ 3	14°11	15°35	23° 6	22° 9	2°35	12°35	S 8
M 9	11 38 15	26°29'40	11♏14	29°10	10°55	22°19	8°56	1°25	0° 6	14°13	15°36	22°58	22° 6	2°42	12°38	M 9
T 10	11 42 12	27°28'59	25°44	29°57	12° 0	23° 5	9° 4	1°32	0° 9	14°15	15°37	22°52	22° 3	2°48	12°41	T 10
W11	11 46 8	28°28'17	10♐ 7	0♓48	13° 6	23°52	9°12	1°40	0°12	14°17	15°39	22°48	22° 0	2°55	12°45	W11
T 12	11 50 5	29°27'32	24°18	1°43	14°11	24°38	9°20	1°47	0°15	14°19	15°40	22°D47	21°57	3° 2	12°48	T 12
F 13	11 54 1	0♈26'46	8♑17	2°40	15°17	25°25	9°29	1°55	0°18	14°20	15°42	22°47	21°54	3° 8	12°51	F 13
S 14	11 57 58	1°25'58	22° 3	3°40	16°23	26°11	9°38	2° 3	0°21	14°22	15°43	22°R48	21°50	3°15	12°55	S 14
S 15	12 1 54	2°25'08	5♒37	4°43	17°30	26°57	9°46	2°10	0°24	14°24	15°44	22°47	21°47	3°22	12°58	S 15
M16	12 5 51	3°24'16	19° 0	5°48	18°36	27°44	9°55	2°18	0°27	14°25	15°46	22°44	21°44	3°28	13° 2	M16
T 17	12 9 47	4°23'23	2♓12	6°55	19°43	28°30	10° 4	2°25	0°31	14°27	15°47	22°39	21°41	3°35	13° 5	T 17
W18	12 13 44	5°22'27	15°12	8° 5	20°49	29°16	10°13	2°33	0°34	14°29	15°48	22°31	21°38	3°42	13° 9	W18
T 19	12 17 41	6°21'30	28° 2	9°18	21°56	0♈ 3	10°22	2°40	0°37	14°30	15°50	22°20	21°35	3°48	13°13	T 19
F 20	12 21 37	7°20'30	10♈40	10°32	23° 3	0°49	10°32	2°48	0°40	14°32	15°51	22° 7	21°31	3°55	13°16	F 20
S 21	12 25 34	8°19'28	23° 6	11°48	24°11	1°35	10°41	2°56	0°43	14°33	15°53	21°54	21°28	4° 2	13°20	S 21
S 22	12 29 30	9°18'25	5♉20	13° 7	25°18	2°21	10°51	3° 3	0°47	14°35	15°54	21°41	21°25	4° 8	13°24	S 22
M23	12 33 27	10°17'19	17°24	14°27	26°25	3° 7	11° 1	3°11	0°50	14°36	15°55	21°29	21°22	4°15	13°27	M23
T 24	12 37 23	11°16'11	29°19	15°49	27°33	3°53	11°10	3°18	0°53	14°38	15°57	21°21	21°19	4°22	13°31	T 24
W25	12 41 20	12°15'01	11♊ 9	17°13	28°41	4°39	11°20	3°26	0°57	14°39	15°58	21°14	21°15	4°29	13°35	W25
T 26	12 45 16	13°13'48	22°58	18°39	29°48	5°25	11°30	3°33	1° 0	14°41	16° 0	21°11	21°12	4°35	13°39	T 26
F 27	12 49 13	14°12'34	4♋50	20° 7	0♓56	6°11	11°40	3°41	1° 3	14°42	16° 1	21° 9	21° 9	4°42	13°43	F 27
S 28	12 53 10	15°11'17	16°50	21°36	2° 4	6°57	11°50	3°48	1° 7	14°43	16° 2	21° 9	21° 6	4°49	13°47	S 28
S 29	12 57 6	16° 9'57	29° 5	23° 7	3°12	7°42	12° 1	3°56	1°10	14°45	16° 4	21° 9	21° 3	4°55	13°51	S 29
M30	13 1 3	17° 8'36	11♌38	24°40	4°21	8°28	12°11	4° 3	1°13	14°46	16° 5	21° 8	21° 0	5° 2	13°54	M30
T 31	13 4 59	18♈ 7'12	24♌36	26♓14	5♓29	9♈14	12♊22	4♈11	1♉17	14♒47	16♈ 7	21♋ 5	20♋56	5♊ 9	13♉58	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	4s32	21n37	0s14	12s18	0n54	18s 3	1n43	6s22	0s56	21n22	0s20	1s50	2s11	10n58	0s28	16s56	0s15	9s25	16s49	21n25	21n38	16n41	13n42	1s57
M 2	4 9	20 14	0n53	12 27	0 40	17 54	1 37	6 4	0 56	21 24	0 20	1 47	2 11	10 59	0 28	16 56	0 15	9 25	16 49	21 25	21 38	16 43	13 43	1 57
T 3	3 45	17 47	1 59	12 33	0 27	17 44	1 32	5 45	0 56	21 25	0 20	1 44	2 11	11 0	0 28	16 55	0 15	9 24	16 49	21 25	21 39	16 45	13 44	1 57
W 4	3 22	14 19	3 1	12 38	0 14	17 34	1 26	5 26	0 55	21 26	0 20	1 41	2 11	11 1	0 28	16 55	0 15	9 23	16 49	21 26	21 40	16 47	13 45	1 57
T 5	2 58	10 1	3 54	12 41	0 1	17 23	1 21	5 8	0 55	21 28	0 20	1 38	2 11	11 2	0 28	16 54	0 15	9 23	16 49	21 27	21 40	16 49	13 46	1 57
F 6	2 35	5 4	4 34	12 41	0s11	17 12	1 15	4 49	0 54	21 29	0 19	1 35	2 11	11 3	0 28	16 54	0 15	9 22	16 49	21 29	21 41	16 50	13 47	1 57
S 7	2 11	0s15	4 58	12 40	0 23	17 1	1 10	4 30	0 54	21 30	0 19	1 32	2 11	11 4	0 28	16 53	0 15	9 22	16 48	21 31	21 41	16 52	13 48	1 57
S 8	1 48	5 36	5 3	12 36	0 35	16 49	1 5	4 11	0 54	21 32	0 19	1 29	2 11	11 5	0 28	16 53	0 15	9 21	16 48	21 32	21 42	16 54	13 49	1 57
M 9	1 24	10 41	4 49	12 31	0 46	16 36	1 0	3 53	0 53	21 33	0 19	1 26	2 11	11 7	0 28	16 52	0 16	9 20	16 48	21 34	21 42	16 56	13 50	1 57
T 10	1 0	15 7	4 16	12 24	0 56	16 23	0 54	3 34	0 53	21 35	0 19	1 23	2 11	11 8	0 28	16 52	0 16	9 20	16 48	21 35	21 43	16 58	13 51	1 57
W11	0 37	18 38	3 27	12 15	1 6	16 10	0 49	3 15	0 53	21 36	0 19	1 20	2 11	11 9	0 28	16 51	0 16	9 19	16 48	21 35	21 43	17 0	13 52	1 57
T 12	0 13	20 59	2 25	12 4	1 15	15 56	0 44	2 56	0 52	21 37	0 19	1 17	2 11	11 10	0 28	16 51	0 16	9 19	16 48	21 35	21 44	17 2	13 53	1 57
F 13	0n11	22 0	1 16	11 52	1 24	15 41	0 39	2 37	0 52	21 39	0 18	1 14	2 11	11 11	0 28	16 50	0 16	9 18	16 48	21 35	21 44	17 3	13 54	1 57
S 14	0 34	21 39	0 4	11 38	1 32	15 26	0 34	2 18	0 51	21 40	0 18	1 11	2 11	11 12	0 28	16 50	0 16	9 17	16 48	21 35	21 45	17 5	13 55	1 57
S 15	0 58	20 1	1s 8	11 22	1 40	15 11	0 29	2 0	0 51	21 42	0 18	1 8	2 11	11 13	0 28	16 49	0 16	9 17	16 47	21 35	21 45	17 7	13 56	1 57
M16	1 21	17 18	2 14	11 4	1 47	14 55	0 24	1 41	0 50	21 43	0 18	1 5	2 11	11 14	0 28	16 49	0 16	9 16	16 47	21 36	21 46	17 9	13 57	1 57
T 17	1 45	13 44	3 13	10 45	1 54	14 39	0 20	1 22	0 50	21 45	0 18	1 2	2 11	11 15	0 28	16 48	0 16	9 16	16 47	21 37	21 46	17 11	13 58	1 57
W18	2 9	9 32	4 0	10 25	2 0	14 22	0 15	1 3	0 50	21 46	0 18	0 59	2 11	11 17	0 28	16 48	0 16	9 15	16 47	21 38	21 47	17 12	13 59	1 57
T 19	2 32	4 59	4 35	10 3	2 5	14 5	0 10	0 44	0 49	21 48	0 17	0 56	2 11	11 18	0 28	16 47	0 16	9 14	16 47	21 40	21 47	17 14	14 0	1 57
F 20	2 55	0 17	4 55	9 39	2 11	13 47	0 6	0 25	0 49	21 49	0 17	0 53	2 11	11 19	0 28	16 47	0 16	9 14	16 47	21 42	21 48	17 16	14 1	1 57
S 21	3 19	4n21	5 1	9 14	2 15	13 29	0 1	0 6	0 48	21 51	0 17	0 50	2 11	11 20	0 28	16 46	0 16	9 13	16 47	21 44	21 48	17 18	14 2	1 57
S 22	3 42	8 45	4 52	8 48	2 19	13 11	0s 3	0n12	0 48	21 52	0 17	0 47	2 11	11 21	0 28	16 46	0 16	9 13	16 47	21 46	21 49	17 20	14 3	1 57
M23	4 5	12 45	4 31	8 20	2 23	12 52	0 7	0 31	0 47	21 54	0 17	0 44	2 11	11 22	0 28	16 46	0 16	9 12	16 47	21 48	21 49	17 22	14 4	1 57
T 24	4 28	16 12	3 58	7 51	2 26	12 33	0 12	0 50	0 47	21 55	0 17	0 41	2 11	11 23	0 28	16 45	0 16	9 12	16 47	21 49	21 50	17 23	14 5	1 57
W25	4 51	18 59	3 15	7 20	2 28	12 13	0 16	1 9	0 46	21 57	0 17	0 39	2 11	11 25	0 28	16 45	0 16	9 11	16 47	21 50	21 50	17 25	14 7	1 57
T 26	5 14	20 57	2 23	6 48	2 30	11 53	0 20	1 27	0 46	21 58	0 16	0 36	2 12	11 26	0 28	16 44	0 16	9 10	16 47	21 51	21 51	17 27	14 8	1 57
F 27	5 37	22 1	1 25	6 15	2 32	11 33	0 24	1 46	0 45	22 0	0 16	0 33	2 12	11 27	0 28	16 44	0 16	9 10	16 47	21 51	21 51	17 29	14 9	1 57
S 28	6 0	22 5	0 23	5 41	2 33	11 13	0 28	2 5	0 45	22 1	0 16	0 30	2 12	11 28	0 28	16 44	0 16	9 9	16 47	21 51	21 52	17 31	14 10	1 57
S 29	6 23	21 6	0n42	5 5	2 33	10 52	0 32	2 23	0 45	22 3	0 16	0 27	2 12	11 29	0 28	16 43	0 16	9 9	16 47	21 51	21 52	17 32	14 11	1 57
M30	6 45	19 3	1 46	4 28	2 33	10 30	0 36	2 42	0 44	22 4	0 16	0 24	2 12	11 31	0 28	16 43	0 16	9 8	16 47	21 51	21 53	17 34	14 12	1 57
T 31	7n 8	15n59	2n47	3s50	2s32	10s 9	0s39	3n 0	0s44	22n 6	0s16	0s21	2s12	11n32	0s28	16s43	0s16	9s 8	16s47	21n52	21n53	17n36	14n13	1s57

Julian Day Number = 2213839.5, Delta T = 09m10s
Ecliptic obliquity = 23°31'23, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°39'44, Lahiri = 14°46'45 Julian Calendar 1 March 1349 == Greg. Calendar 9 March 1349

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ASTRODIENST EPHEMERIS for the year 1349
geocentric

APRIL 1349 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	13 8 56	19♈ 5'46	8♍ 0	27♓50	6♓37	9♈59	12♊32	4♈18	1♉20	14♒48	16♈ 8	20°R59	20♋53	5♊15	14♉ 2	W 1
T 2	13 12 52	20° 4'18	21°53	29°28	7°46	10°45	12°43	4°25	1°24	14°50	16° 9	20♋51	20°50	5°22	14° 6	T 2
F 3	13 16 49	21° 2'48	6♎11	1♈ 8	8°55	11°31	12°54	4°33	1°27	14°51	16°11	20°41	20°47	5°29	14°10	F 3
S 4	13 20 45	22° 1'16	20°51	2°49	10° 3	12°16	13° 5	4°40	1°30	14°52	16°12	20°29	20°44	5°35	14°14	S 4
S 5	13 24 42	22°59'42	5♏45	4°31	11°12	13° 1	13°15	4°47	1°34	14°53	16°14	20°18	20°40	5°42	14°19	S 5
M 6	13 28 38	23°58'06	20°44	6°16	12°21	13°47	13°27	4°55	1°37	14°54	16°15	20° 8	20°37	5°49	14°23	M 6
T 7	13 32 35	24°56'28	5♐38	8° 2	13°30	14°32	13°38	5° 2	1°41	14°55	16°16	20° 1	20°34	5°55	14°27	T 7
W 8	13 36 32	25°54'49	20°20	9°50	14°39	15°18	13°49	5° 9	1°44	14°56	16°18	19°56	20°31	6° 2	14°31	W 8
T 9	13 40 28	26°53'08	4♑45	11°40	15°48	16° 3	14° 0	5°17	1°48	14°57	16°19	19°54	20°28	6° 9	14°35	T 9
F 10	13 44 25	27°51'26	18°50	13°31	16°58	16°48	14°11	5°24	1°51	14°58	16°21	19°D53	20°25	6°15	14°39	F 10
S 11	13 48 21	28°49'42	2♒35	15°24	18° 7	17°33	14°23	5°31	1°55	14°59	16°22	19°R53	20°21	6°22	14°43	S 11
S 12	13 52 18	29°47'57	16° 1	17°19	19°16	18°18	14°34	5°38	1°58	15° 0	16°23	19°53	20°18	6°29	14°48	S 12
M13	13 56 14	0♉46'10	29°11	19°15	20°26	19° 3	14°46	5°45	2° 1	15° 1	16°25	19°50	20°15	6°36	14°52	M13
T 14	14 0 11	1°44'22	12♓ 6	21°13	21°35	19°48	14°58	5°52	2° 5	15° 2	16°26	19°45	20°12	6°42	14°56	T 14
W15	14 4 7	2°42'32	24°48	23°13	22°45	20°33	15° 9	5°59	2° 8	15° 3	16°27	19°37	20° 9	6°49	15° 0	W15
T 16	14 8 4	3°40'40	7♈20	25°15	23°55	21°18	15°21	6° 6	2°12	15° 3	16°29	19°26	20° 6	6°56	15° 5	T 16
F 17	14 12 1	4°38'47	19°41	27°18	25° 5	22° 3	15°33	6°13	2°15	15° 4	16°30	19°14	20° 2	7° 2	15° 9	F 17
S 18	14 15 57	5°36'52	1♉54	29°22	26°14	22°48	15°45	6°20	2°19	15° 5	16°31	19° 0	19°59	7° 9	15°13	S 18
S 19	14 19 54	6°34'56	13°58	1♉28	27°24	23°33	15°57	6°27	2°22	15° 6	16°33	18°48	19°56	7°16	15°17	S 19
M20	14 23 50	7°32'58	25°55	3°35	28°34	24°18	16° 9	6°34	2°26	15° 6	16°34	18°36	19°53	7°22	15°22	M20
T 21	14 27 47	8°30'58	7♊46	5°43	29°44	25° 2	16°21	6°41	2°29	15° 7	16°35	18°27	19°50	7°29	15°26	T 21
W22	14 31 43	9°28'56	19°35	7°52	0♈54	25°47	16°33	6°48	2°33	15° 8	16°37	18°21	19°46	7°36	15°30	W22
T 23	14 35 40	10°26'53	1♋23	10° 2	2° 4	26°31	16°46	6°55	2°36	15° 8	16°38	18°17	19°43	7°42	15°35	T 23
F 24	14 39 36	11°24'48	13°14	12°13	3°15	27°16	16°58	7° 1	2°39	15° 9	16°39	18°D16	19°40	7°49	15°39	F 24
S 25	14 43 33	12°22'42	25°14	14°24	4°25	28° 0	17°10	7° 8	2°43	15° 9	16°41	18°16	19°37	7°56	15°43	S 25
S 26	14 47 30	13°20'33	7♌26	16°34	5°35	28°45	17°23	7°15	2°46	15°10	16°42	18°R17	19°34	8° 2	15°47	S 26
M27	14 51 26	14°18'23	19°57	18°45	6°45	29°29	17°35	7°21	2°50	15°10	16°43	18°17	19°31	8° 9	15°52	M27
T 28	14 55 23	15°16'11	2♍52	20°55	7°56	0♉13	17°48	7°28	2°53	15°10	16°44	18°15	19°27	8°16	15°56	T 28
W29	14 59 19	16°13'57	16°13	23° 4	9° 6	0°58	18° 0	7°34	2°57	15°11	16°46	18°12	19°24	8°22	16° 0	W29
T 30	15 3 16	17♉11'41	0♎ 4	25♉13	10♈17	1♉42	18♊13	7♈41	3♉ 0	15♒11	16♈47	18♋ 6	19♋21	8♊29	16♉ 5	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	7n30	12n 0	3n41	3s10	2s31	9s47	0s43	3n19	0s43	22n 7	0s15	0s18	2s12	11n33	0s28	16s42	0s16	9s 7	16s47	21n53	21n54	17n38	14n15	1s57
T 2	7 52	7 16	4 23	2 30	2 30	9 24	0 47	3 37	0 43	22 9	0 15	0 15	2 12	11 34	0 28	16 42	0 16	9 7	16 47	21 54	21 54	17 39	14 16	1 57
F 3	8 14	1 59	4 51	1 48	2 27	9 2	0 50	3 55	0 42	22 10	0 15	0 12	2 12	11 35	0 28	16 42	0 16	9 6	16 47	21 56	21 55	17 41	14 17	1 57
S 4	8 36	3s32	5 0	1 5	2 25	8 39	0 53	4 14	0 41	22 12	0 15	0 10	2 12	11 37	0 28	16 41	0 16	9 6	16 47	21 57	21 55	17 43	14 18	1 57
S 5	8 58	8 56	4 50	0 21	2 21	8 16	0 57	4 32	0 41	22 13	0 15	0 7	2 12	11 38	0 28	16 41	0 16	9 5	16 47	21 59	21 56	17 45	14 19	1 57
M 6	9 20	13 50	4 19	0n24	2 18	7 52	1 0	4 50	0 40	22 15	0 15	0 4	2 12	11 39	0 28	16 41	0 16	9 5	16 47	22 0	21 56	17 46	14 20	1 57
T 7	9 41	17 51	3 31	1 9	2 13	7 29	1 3	5 8	0 40	22 16	0 15	0 1	2 12	11 40	0 28	16 40	0 16	9 4	16 47	22 2	21 57	17 48	14 22	1 57
W 8	10 3	20 41	2 29	1 56	2 9	7 5	1 6	5 26	0 39	22 18	0 15	0n 2	2 12	11 41	0 28	16 40	0 16	9 4	16 47	22 2	21 57	17 50	14 23	1 58
T 9	10 24	22 7	1 19	2 44	2 3	6 40	1 9	5 44	0 39	22 19	0 14	0 5	2 13	11 43	0 28	16 40	0 16	9 3	16 47	22 3	21 57	17 52	14 24	1 58
F 10	10 45	22 6	0 6	3 33	1 57	6 16	1 12	6 2	0 38	22 21	0 14	0 7	2 13	11 44	0 28	16 39	0 16	9 3	16 47	22 3	21 58	17 54	14 25	1 58
S 11	11 6	20 44	1s 7	4 23	1 51	5 51	1 14	6 20	0 38	22 22	0 14	0 10	2 13	11 45	0 28	16 39	0 16	9 2	16 47	22 3	21 58	17 55	14 26	1 58
S 12	11 26	18 13	2 14	5 13	1 44	5 26	1 17	6 38	0 37	22 24	0 14	0 13	2 13	11 46	0 27	16 39	0 16	9 2	16 47	22 3	21 59	17 57	14 27	1 58
M13	11 47	14 48	3 12	6 4	1 37	5 1	1 20	6 55	0 37	22 25	0 14	0 16	2 13	11 47	0 27	16 39	0 16	9 1	16 47	22 3	21 59	17 59	14 29	1 58
T 14	12 7	10 44	3 59	6 56	1 29	4 36	1 22	7 13	0 36	22 27	0 14	0 18	2 13	11 49	0 27	16 38	0 16	9 1	16 47	22 4	22 0	18 1	14 30	1 58
W15	12 27	6 15	4 34	7 48	1 21	4 11	1 24	7 30	0 36	22 28	0 14	0 21	2 13	11 50	0 27	16 38	0 16	9 1	16 47	22 5	22 0	18 2	14 31	1 58
T 16	12 47	1 35	4 54	8 41	1 12	3 45	1 27	7 48	0 35	22 29	0 14	0 24	2 13	11 51	0 27	16 38	0 16	9 0	16 48	22 7	22 1	18 4	14 32	1 58
F 17	13 7	3n 5	5 1	9 34	1 3	3 19	1 29	8 5	0 34	22 31	0 13	0 26	2 13	11 52	0 27	16 38	0 16	9 0	16 48	22 8	22 1	18 6	14 33	1 58
S 18	13 26	7 35	4 53	10 27	0 54	2 53	1 31	8 22	0 34	22 32	0 13	0 29	2 14	11 53	0 27	16 38	0 16	8 59	16 48	22 10	22 2	18 7	14 34	1 58
S 19	13 46	11 45	4 33	11 20	0 44	2 27	1 33	8 40	0 33	22 34	0 13	0 32	2 14	11 55	0 27	16 37	0 16	8 59	16 48	22 12	22 2	18 9	14 36	1 58
M20	14 5	15 24	4 0	12 13	0 34	2 1	1 35	8 57	0 33	22 35	0 13	0 34	2 14	11 56	0 27	16 37	0 16	8 59	16 48	22 14	22 3	18 11	14 37	1 58
T 21	14 23	18 26	3 18	13 6	0 24	1 35	1 37	9 14	0 32	22 36	0 13	0 37	2 14	11 57	0 27	16 37	0 16	8 58	16 48	22 15	22 3	18 13	14 38	1 58
W22	14 42	20 41	2 26	13 58	0 14	1 9	1 38	9 30	0 32	22 38	0 13	0 39	2 14	11 58	0 27	16 37	0 16	8 58	16 48	22 16	22 4	18 14	14 39	1 58
T 23	15 0	22 2	1 29	14 50	0 3	0 42	1 40	9 47	0 31	22 39	0 13	0 42	2 14	11 59	0 27	16 37	0 16	8 57	16 48	22 16	22 4	18 16	14 40	1 58
F 24	15 18	22 25	0 27	15 40	0n 7	0 16	1 42	10 4	0 30	22 40	0 13	0 44	2 14	12 0	0 27	16 37	0 16	8 57	16 48	22 16	22 5	18 18	14 42	1 58
S 25	15 36	21 46	0n37	16 30	0 18	0n11	1 43	10 20	0 30	22 42	0 12	0 47	2 14	12 2	0 27	16 37	0 16	8 57	16 49	22 16	22 5	18 19	14 43	1 59
S 26	15 54	20 6	1 41	17 18	0 28	0 38	1 44	10 37	0 29	22 43	0 12	0 49	2 15	12 3	0 27	16 36	0 16	8 56	16 49	22 16	22 5	18 21	14 44	1 59
M27	16 11	17 25	2 41	18 5	0 39	1 5	1 46	10 53	0 29	22 44	0 12	0 52	2 15	12 4	0 27	16 36	0 16	8 56	16 49	22 16	22 6	18 23	14 45	1 59
T 28	16 28	13 49	3 35	18 50	0 49	1 31	1 47	11 9	0 28	22 46	0 12	0 54	2 15	12 5	0 27	16 36	0 16	8 56	16 49	22 16	22 6	18 25	14 46	1 59
W29	16 45	9 26	4 19	19 33	0 59	1 58	1 48	11 25	0 28	22 47	0 12	0 57	2 15	12 6	0 27	16 36	0 16	8 55	16 49	22 17	22 7	18 26	14 47	1 59
T 30	17n 2	4n24	4n50	20n14	1n 8	2n25	1s49	11n41	0s27	22n48	0s12	0n59	2s15	12n 8	0s27	16s36	0s17	8s55	16s49	22n18	22n 7	18n28	14n48	1s59

Julian Day Number = 2213870.5, Delta T = 09m10s
Ecliptic obliquity = 23°31'23, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°39'49, Lahiri = 14°46'49 Julian Calendar 1 Apr. 1349 == Greg. Calendar 9 Apr. 1349

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ASTRODIENST EPHEMERIS for the year 1349
geocentric

MAY 1349 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	15 7 12	18♉ 9'24	14♎24	27♉19	11♈27	2♉26	18♊26	7♈47	3♉ 3	15♒11	16♈48	17°R58	19♋18	8♊36	16♉ 9	F 1
S 2	15 11 9	19° 7'05	29° 9	29°25	12°38	3°10	18°38	7°53	3° 7	15°12	16°49	17♋50	19°15	8°42	16°13	S 2
S 3	15 15 5	20° 4'45	14♏13	1♊28	13°48	3°54	18°51	8° 0	3°10	15°12	16°51	17°41	19°12	8°49	16°18	S 3
M 4	15 19 2	21° 2'24	29°26	3°30	14°59	4°38	19° 4	8° 6	3°13	15°12	16°52	17°33	19° 8	8°56	16°22	M 4
T 5	15 22 59	22° 0'01	14♐37	5°29	16°10	5°22	19°17	8°12	3°17	15°12	16°53	17°28	19° 5	9° 2	16°26	T 5
W 6	15 26 55	22°57'37	29°37	7°26	17°20	6° 6	19°30	8°18	3°20	15°13	16°54	17°24	19° 2	9° 9	16°31	W 6
T 7	15 30 52	23°55'13	14♑18	9°20	18°31	6°50	19°43	8°24	3°23	15°13	16°55	17°D23	18°59	9°16	16°35	T 7
F 8	15 34 48	24°52'47	28°36	11°12	19°42	7°33	19°56	8°30	3°27	15°13	16°57	17°23	18°56	9°23	16°39	F 8
S 9	15 38 45	25°50'20	12♒29	13° 1	20°53	8°17	20° 9	8°36	3°30	15°13	16°58	17°24	18°52	9°29	16°44	S 9
S 10	15 42 41	26°47'52	25°58	14°47	22° 4	9° 1	20°22	8°42	3°33	15°R13	16°59	17°R25	18°49	9°36	16°48	S 10
M11	15 46 38	27°45'24	9♓ 6	16°31	23°15	9°44	20°35	8°48	3°36	15°13	17° 0	17°24	18°46	9°43	16°52	M11
T 12	15 50 34	28°42'54	21°54	18°11	24°26	10°28	20°48	8°54	3°40	15°13	17° 1	17°22	18°43	9°49	16°56	T 12
W13	15 54 31	29°40'24	4♈27	19°49	25°37	11°11	21° 1	9° 0	3°43	15°13	17° 2	17°17	18°40	9°56	17° 1	W13
T 14	15 58 28	0♊37'53	16°46	21°24	26°48	11°55	21°14	9° 5	3°46	15°12	17° 3	17°11	18°37	10° 3	17° 5	T 14
F 15	16 2 24	1°35'21	28°56	22°55	27°59	12°38	21°28	9°11	3°49	15°12	17° 4	17° 3	18°33	10° 9	17° 9	F 15
S 16	16 6 21	2°32'48	10♉58	24°24	29°10	13°22	21°41	9°17	3°52	15°12	17° 5	16°55	18°30	10°16	17°13	S 16
S 17	16 10 17	3°30'15	22°53	25°50	0♉22	14° 5	21°54	9°22	3°55	15°12	17° 6	16°47	18°27	10°23	17°18	S 17
M18	16 14 14	4°27'40	4♊44	27°13	1°33	14°48	22° 7	9°27	3°59	15°12	17° 7	16°40	18°24	10°29	17°22	M18
T 19	16 18 10	5°25'05	16°33	28°32	2°44	15°31	22°21	9°33	4° 2	15°11	17° 8	16°34	18°21	10°36	17°26	T 19
W20	16 22 7	6°22'29	28°21	29°49	3°56	16°14	22°34	9°38	4° 5	15°11	17° 9	16°30	18°18	10°43	17°30	W20
T 21	16 26 3	7°19'52	10♋12	1♋ 2	5° 7	16°57	22°48	9°43	4° 8	15°11	17°10	16°29	18°14	10°49	17°34	T 21
F 22	16 30 0	8°17'13	22° 7	2°12	6°18	17°40	23° 1	9°49	4°11	15°10	17°11	16°D29	18°11	10°56	17°39	F 22
S 23	16 33 57	9°14'34	4♌10	3°19	7°30	18°23	23°14	9°54	4°14	15°10	17°12	16°30	18° 8	11° 3	17°43	S 23
S 24	16 37 53	10°11'54	16°25	4°22	8°41	19° 6	23°28	9°59	4°17	15°10	17°13	16°31	18° 5	11° 9	17°47	S 24
M25	16 41 50	11° 9'13	28°57	5°22	9°53	19°49	23°41	10° 4	4°20	15° 9	17°14	16°33	18° 2	11°16	17°51	M25
T 26	16 45 46	12° 6'31	11♍49	6°18	11° 4	20°32	23°55	10° 8	4°23	15° 9	17°15	16°R33	17°58	11°23	17°55	T 26
W27	16 49 43	13° 3'48	25° 5	7°11	12°16	21°14	24° 8	10°13	4°25	15° 8	17°16	16°33	17°55	11°29	17°59	W27
T 28	16 53 39	14° 1'04	8♎49	8° 0	13°27	21°57	24°22	10°18	4°28	15° 8	17°17	16°31	17°52	11°36	18° 3	T 28
F 29	16 57 36	14°58'19	23° 1	8°45	14°39	22°40	24°35	10°22	4°31	15° 7	17°18	16°27	17°49	11°43	18° 7	F 29
S 30	17 1 32	15°55'33	7♏38	9°27	15°51	23°22	24°49	10°27	4°34	15° 6	17°18	16°23	17°46	11°49	18°11	S 30
S 31	17 5 29	16♊52'47	22♏36	10♋ 4	17♉ 2	24♉ 5	25♊ 2	10♈32	4♉37	15♒ 6	17♈19	16♋19	17♋43	11♊56	18♉15	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	17n18	1s 1	5n 4	20n53	1n17	2n52	1s50	11n57	0s26	22n49	0s12	1n 2	2s15	12n 9	0s27	16s36	0s17	8s55	16s49	22n19	22n 8	18n30	14n50	1s59
S 2	17 34	6 33	4 59	21 29	1 25	3 19	1 51	12 13	0 26	22 51	0 12	1 4	2 16	12 10	0 27	16 36	0 17	8 55	16 50	22 20	22 8	18 31	14 51	1 59
S 3	17 49	11 49	4 33	22 3	1 33	3 45	1 51	12 28	0 25	22 52	0 11	1 6	2 16	12 11	0 27	16 36	0 17	8 54	16 50	22 21	22 9	18 33	14 52	1 59
M 4	18 5	16 23	3 48	22 34	1 41	4 12	1 52	12 44	0 24	22 53	0 11	1 9	2 16	12 12	0 27	16 36	0 17	8 54	16 50	22 22	22 9	18 35	14 53	1 59
T 5	18 20	19 53	2 46	23 3	1 47	4 39	1 52	12 59	0 24	22 54	0 11	1 11	2 16	12 13	0 27	16 36	0 17	8 54	16 50	22 23	22 10	18 36	14 54	1 59
W 6	18 35	21 57	1 34	23 29	1 53	5 6	1 53	13 14	0 23	22 55	0 11	1 13	2 16	12 14	0 27	16 36	0 17	8 53	16 50	22 23	22 10	18 38	14 55	2 0
T 7	18 49	22 29	0 17	23 53	1 58	5 32	1 53	13 29	0 23	22 56	0 11	1 15	2 16	12 16	0 27	16 36	0 17	8 53	16 51	22 23	22 10	18 40	14 56	2 0
F 8	19 3	21 29	1s 0	24 14	2 3	5 59	1 53	13 44	0 22	22 57	0 11	1 18	2 17	12 17	0 27	16 36	0 17	8 53	16 51	22 23	22 11	18 41	14 58	2 0
S 9	19 17	19 12	2 11	24 32	2 7	6 25	1 54	13 59	0 21	22 59	0 11	1 20	2 17	12 18	0 27	16 36	0 17	8 53	16 51	22 23	22 11	18 43	14 59	2 0
S 10	19 31	15 55	3 12	24 48	2 10	6 52	1 54	14 13	0 21	23 0	0 11	1 22	2 17	12 19	0 27	16 36	0 17	8 52	16 51	22 23	22 12	18 45	15 0	2 0
M11	19 44	11 55	4 2	25 1	2 12	7 18	1 54	14 28	0 20	23 1	0 11	1 24	2 17	12 20	0 27	16 36	0 17	8 52	16 51	22 23	22 12	18 46	15 1	2 0
T 12	19 57	7 29	4 38	25 12	2 13	7 44	1 54	14 42	0 20	23 2	0 10	1 26	2 17	12 21	0 27	16 36	0 17	8 52	16 52	22 23	22 13	18 48	15 2	2 0
W13	20 9	2 49	5 0	25 21	2 14	8 10	1 54	14 56	0 19	23 3	0 10	1 28	2 17	12 22	0 27	16 36	0 17	8 52	16 52	22 24	22 13	18 50	15 3	2 0
T 14	20 21	1n53	5 8	25 28	2 14	8 36	1 53	15 10	0 18	23 4	0 10	1 30	2 18	12 23	0 27	16 36	0 17	8 52	16 52	22 25	22 14	18 51	15 4	2 0
F 15	20 33	6 26	5 1	25 32	2 13	9 2	1 53	15 24	0 18	23 5	0 10	1 32	2 18	12 24	0 27	16 36	0 17	8 51	16 52	22 26	22 14	18 53	15 5	2 0
S 16	20 45	10 42	4 41	25 35	2 11	9 28	1 53	15 38	0 17	23 6	0 10	1 34	2 18	12 25	0 27	16 36	0 17	8 51	16 53	22 27	22 14	18 55	15 6	2 1
S 17	20 56	14 32	4 9	25 36	2 8	9 53	1 52	15 52	0 16	23 7	0 10	1 36	2 18	12 26	0 27	16 36	0 17	8 51	16 53	22 28	22 15	18 56	15 7	2 1
M18	21 6	17 46	3 27	25 35	2 5	10 19	1 52	16 5	0 16	23 7	0 10	1 38	2 18	12 27	0 27	16 36	0 17	8 51	16 53	22 29	22 15	18 58	15 9	2 1
T 19	21 17	20 16	2 35	25 32	2 1	10 44	1 51	16 18	0 15	23 8	0 10	1 40	2 19	12 28	0 27	16 36	0 17	8 51	16 53	22 29	22 16	18 59	15 10	2 1
W20	21 27	21 54	1 37	25 27	1 56	11 9	1 50	16 31	0 14	23 9	0 10	1 42	2 19	12 30	0 27	16 36	0 17	8 51	16 54	22 30	22 16	19 1	15 11	2 1
T 21	21 37	22 34	0 34	25 21	1 50	11 33	1 49	16 44	0 14	23 10	0 9	1 44	2 19	12 31	0 27	16 37	0 17	8 51	16 54	22 30	22 17	19 3	15 12	2 1
F 22	21 46	22 12	0n31	25 14	1 44	11 58	1 49	16 57	0 13	23 11	0 9	1 46	2 19	12 32	0 27	16 37	0 17	8 50	16 54	22 30	22 17	19 4	15 13	2 1
S 23	21 55	20 49	1 35	25 6	1 37	12 22	1 48	17 10	0 12	23 12	0 9	1 48	2 20	12 33	0 27	16 37	0 17	8 50	16 54	22 30	22 17	19 6	15 14	2 1
S 24	22 3	18 27	2 36	24 56	1 29	12 46	1 47	17 22	0 12	23 12	0 9	1 49	2 20	12 34	0 27	16 37	0 17	8 50	16 55	22 30	22 18	19 8	15 15	2 2
M25	22 12	15 11	3 31	24 45	1 20	13 10	1 45	17 34	0 11	23 13	0 9	1 51	2 20	12 35	0 27	16 37	0 17	8 50	16 55	22 30	22 18	19 9	15 16	2 2
T 26	22 19	11 7	4 17	24 33	1 11	13 33	1 44	17 47	0 11	23 14	0 9	1 53	2 20	12 36	0 27	16 37	0 17	8 50	16 55	22 30	22 19	19 11	15 17	2 2
W27	22 27	6 25	4 51	24 20	1 1	13 56	1 43	17 58	0 10	23 15	0 9	1 55	2 20	12 36	0 27	16 37	0 17	8 50	16 55	22 30	22 19	19 12	15 18	2 2
T 28	22 34	1 14	5 10	24 7	0 50	14 19	1 42	18 10	0 9	23 15	0 9	1 56	2 21	12 37	0 27	16 38	0 17	8 50	16 56	22 30	22 20	19 14	15 19	2 2
F 29	22 40	4s10	5 11	23 52	0 39	14 41	1 41	18 22	0 9	23 16	0 9	1 58	2 21	12 38	0 28	16 38	0 17	8 50	16 56	22 30	22 20	19 16	15 20	2 2
S 30	22 47	9 30	4 52	23 38	0 26	15 3	1 39	18 33	0 8	23 17	0 9	1 59	2 21	12 39	0 28	16 38	0 17	8 50	16 56	22 31	22 20	19 17	15 21	2 2
S 31	22n52	14s25	4n13	23n22	0n14	15n25	1s38	18n44	0s 7	23n17	0s 8	2n 1	2s21	12n40	0s28	16s38	0s17	8s50	16s57	22n31	22n21	19n19	15n22	2s 3

Julian Day Number = 2213900.5, Delta T = 09m10s
Ecliptic obliquity = 23°31'23, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°39'53, Lahiri = 14°46'53 Julian Calendar 1 May 1349 == Greg. Calendar 9 May 1349

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ASTRODIENST EPHEMERIS for the year 1349
geocentric

JUNE 1349 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	17 9 26	17♊50'00	7♐47	10♋37	18♉14	24♉47	25♊16	10♈36	4♉39	15°R 5	17♈20	16°R16	17♋39	12♊ 3	18♉19	M 1
T 2	17 13 22	18°47'12	23° 1	11° 6	19°26	25°29	25°30	10°40	4°42	15♒ 4	17°21	16♋13	17°36	12° 9	18°23	T 2
W 3	17 17 19	19°44'24	8♑ 9	11°31	20°38	26°12	25°43	10°44	4°45	15° 4	17°22	16°12	17°33	12°16	18°27	W 3
T 4	17 21 15	20°41'36	23° 0	11°51	21°49	26°54	25°57	10°49	4°47	15° 3	17°22	16°D12	17°30	12°23	18°30	T 4
F 5	17 25 12	21°38'48	7♒30	12° 7	23° 1	27°36	26°10	10°53	4°50	15° 2	17°23	16°13	17°27	12°29	18°34	F 5
S 6	17 29 8	22°35'59	21°34	12°18	24°13	28°18	26°24	10°57	4°53	15° 1	17°24	16°14	17°24	12°36	18°38	S 6
S 7	17 33 5	23°33'10	5♓12	12°25	25°25	29° 0	26°38	11° 1	4°55	15° 0	17°24	16°15	17°20	12°43	18°42	S 7
M 8	17 37 2	24°30'22	18°24	12°R27	26°37	29°42	26°51	11° 4	4°58	15° 0	17°25	16°16	17°17	12°49	18°46	M 8
T 9	17 40 58	25°27'33	1♈13	12°24	27°49	0♊24	27° 5	11° 8	5° 0	14°59	17°26	16°R16	17°14	12°56	18°49	T 9
W10	17 44 55	26°24'44	13°43	12°17	29° 1	1° 6	27°19	11°12	5° 3	14°58	17°26	16°15	17°11	13° 3	18°53	W10
T 11	17 48 51	27°21'55	25°58	12° 6	0♊13	1°48	27°32	11°15	5° 5	14°57	17°27	16°14	17° 8	13° 9	18°57	T 11
F 12	17 52 48	28°19'07	8♉ 1	11°50	1°25	2°30	27°46	11°19	5° 8	14°56	17°28	16°11	17° 4	13°16	19° 0	F 12
S 13	17 56 44	29°16'19	19°57	11°30	2°37	3°12	27°59	11°22	5°10	14°55	17°28	16° 9	17° 1	13°23	19° 4	S 13
S 14	18 0 41	0♋13'30	1♊47	11° 7	3°50	3°53	28°13	11°26	5°12	14°54	17°29	16° 6	16°58	13°29	19° 7	S 14
M15	18 4 37	1°10'42	13°36	10°40	5° 2	4°35	28°27	11°29	5°15	14°53	17°29	16° 4	16°55	13°36	19°11	M15
T 16	18 8 34	2° 7'54	25°25	10°10	6°14	5°17	28°40	11°32	5°17	14°52	17°30	16° 2	16°52	13°43	19°14	T 16
W17	18 12 31	3° 5'06	7♋17	9°37	7°26	5°58	28°54	11°35	5°19	14°51	17°30	16° 2	16°49	13°49	19°18	W17
T 18	18 16 27	4° 2'18	19°13	9° 2	8°39	6°40	29° 7	11°38	5°21	14°49	17°31	16°D 2	16°45	13°56	19°21	T 18
F 19	18 20 24	4°59'30	1♌17	8°25	9°51	7°21	29°21	11°41	5°23	14°48	17°31	16° 2	16°42	14° 3	19°25	F 19
S 20	18 24 20	5°56'42	13°29	7°48	11° 3	8° 2	29°35	11°43	5°25	14°47	17°32	16° 3	16°39	14° 9	19°28	S 20
S 21	18 28 17	6°53'54	25°54	7°10	12°16	8°44	29°48	11°46	5°27	14°46	17°32	16° 4	16°36	14°16	19°31	S 21
M22	18 32 13	7°51'05	8♍33	6°32	13°28	9°25	0♋ 2	11°49	5°29	14°45	17°32	16° 4	16°33	14°23	19°34	M22
T 23	18 36 10	8°48'17	21°30	5°56	14°41	10° 6	0°15	11°51	5°31	14°43	17°33	16° 5	16°29	14°29	19°38	T 23
W24	18 40 6	9°45'29	4♎46	5°21	15°53	10°47	0°29	11°54	5°33	14°42	17°33	16°R 5	16°26	14°36	19°41	W24
T 25	18 44 3	10°42'40	18°24	4°48	17° 6	11°28	0°42	11°56	5°35	14°41	17°33	16° 5	16°23	14°43	19°44	T 25
F 26	18 48 0	11°39'52	2♏25	4°18	18°18	12° 9	0°56	11°58	5°37	14°40	17°34	16° 5	16°20	14°49	19°47	F 26
S 27	18 51 56	12°37'04	16°47	3°51	19°31	12°50	1° 9	12° 0	5°39	14°38	17°34	16° 5	16°17	14°56	19°50	S 27
S 28	18 55 53	13°34'16	1♐29	3°28	20°44	13°31	1°23	12° 2	5°41	14°37	17°34	16° 4	16°14	15° 3	19°53	S 28
M29	18 59 49	14°31'28	16°24	3° 9	21°56	14°12	1°36	12° 4	5°42	14°36	17°34	16° 4	16°10	15° 9	19°56	M29
T 30	19 3 46	15♋28'40	1♑26	2♋56	23♊ 9	14♊53	1♋49	12♈ 6	5♉44	14♒34	17♈35	16♋ 4	16♋ 7	15♊16	19♉59	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	22n58	18s28	3n15	23n 6	0n 0	15n47	1s36	18n55	0s 7	23n18	0s 8	2n 2	2s22	12n41	0s28	16s38	0s17	8s50	16s57	22n32	22n21	19n20	15n23	2s 3
T 2	23 3	21 17	2 4	22 50	0s13	16 8	1 35	19 6	0 6	23 19	0 8	2 4	2 22	12 42	0 28	16 39	0 17	8 50	16 57	22 32	22 22	19 22	15 23	2 3
W 3	23 7	22 32	0 44	22 34	0 28	16 29	1 33	19 17	0 5	23 19	0 8	2 5	2 22	12 43	0 28	16 39	0 17	8 50	16 57	22 32	22 22	19 23	15 24	2 3
T 4	23 12	22 10	0s37	22 17	0 43	16 49	1 31	19 28	0 5	23 20	0 8	2 7	2 22	12 44	0 28	16 39	0 17	8 50	16 58	22 32	22 22	19 25	15 25	2 3
F 5	23 16	20 18	1 55	22 1	0 58	17 9	1 29	19 38	0 4	23 20	0 8	2 8	2 23	12 45	0 28	16 39	0 17	8 50	16 58	22 32	22 23	19 27	15 26	2 3
S 6	23 19	17 15	3 3	21 44	1 13	17 29	1 28	19 48	0 3	23 21	0 8	2 9	2 23	12 46	0 28	16 40	0 17	8 50	16 58	22 32	22 23	19 28	15 27	2 4
S 7	23 22	13 20	3 58	21 28	1 29	17 48	1 26	19 58	0 3	23 21	0 8	2 11	2 23	12 46	0 28	16 40	0 17	8 50	16 59	22 32	22 24	19 30	15 28	2 4
M 8	23 24	8 53	4 39	21 11	1 45	18 6	1 24	20 8	0 2	23 21	0 8	2 12	2 23	12 47	0 28	16 40	0 17	8 50	16 59	22 32	22 24	19 31	15 29	2 4
T 9	23 27	4 10	5 5	20 56	2 1	18 25	1 22	20 17	0 1	23 22	0 8	2 13	2 24	12 48	0 28	16 41	0 17	8 50	16 59	22 32	22 24	19 33	15 30	2 4
W10	23 28	0n36	5 15	20 40	2 17	18 43	1 20	20 27	0 1	23 22	0 7	2 14	2 24	12 49	0 28	16 41	0 17	8 50	17 0	22 32	22 25	19 34	15 31	2 4
T 11	23 30	5 14	5 11	20 25	2 33	19 0	1 18	20 36	0n 0	23 23	0 7	2 16	2 24	12 50	0 28	16 41	0 17	8 50	17 0	22 32	22 25	19 36	15 31	2 4
F 12	23 31	9 37	4 53	20 11	2 49	19 17	1 16	20 45	0 1	23 23	0 7	2 17	2 24	12 51	0 28	16 41	0 17	8 50	17 0	22 32	22 26	19 37	15 32	2 4
S 13	23 31	13 34	4 22	19 58	3 5	19 33	1 14	20 54	0 2	23 23	0 7	2 18	2 25	12 51	0 28	16 42	0 17	8 50	17 1	22 33	22 26	19 39	15 33	2 5
S 14	23 31	16 59	3 41	19 45	3 19	19 49	1 11	21 2	0 2	23 24	0 7	2 19	2 25	12 52	0 28	16 42	0 17	8 50	17 1	22 33	22 26	19 41	15 34	2 5
M15	23 31	19 42	2 50	19 33	3 33	20 5	1 9	21 11	0 3	23 24	0 7	2 20	2 25	12 53	0 28	16 42	0 17	8 51	17 1	22 33	22 27	19 42	15 35	2 5
T 16	23 30	21 35	1 52	19 22	3 47	20 20	1 7	21 19	0 4	23 24	0 7	2 21	2 25	12 54	0 28	16 43	0 17	8 51	17 2	22 33	22 27	19 44	15 35	2 5
W17	23 29	22 31	0 48	19 12	3 59	20 34	1 5	21 27	0 4	23 24	0 7	2 22	2 26	12 54	0 28	16 43	0 17	8 51	17 2	22 33	22 28	19 45	15 36	2 5
T 18	23 28	22 26	0n18	19 3	4 10	20 48	1 2	21 35	0 5	23 25	0 7	2 23	2 26	12 55	0 28	16 43	0 17	8 51	17 2	22 33	22 28	19 47	15 37	2 6
F 19	23 26	21 18	1 24	18 56	4 20	21 1	1 0	21 42	0 6	23 25	0 7	2 24	2 26	12 56	0 28	16 44	0 18	8 51	17 3	22 33	22 28	19 48	15 38	2 6
S 20	23 23	19 10	2 27	18 49	4 29	21 14	0 58	21 50	0 6	23 25	0 6	2 24	2 26	12 56	0 28	16 44	0 18	8 51	17 3	22 33	22 29	19 50	15 38	2 6
S 21	23 21	16 7	3 24	18 44	4 36	21 26	0 55	21 57	0 7	23 25	0 6	2 25	2 27	12 57	0 28	16 44	0 18	8 51	17 3	22 33	22 29	19 51	15 39	2 6
M22	23 17	12 17	4 12	18 41	4 41	21 37	0 53	22 4	0 8	23 25	0 6	2 26	2 27	12 58	0 28	16 45	0 18	8 52	17 4	22 33	22 30	19 53	15 40	2 6
T 23	23 14	7 48	4 49	18 38	4 45	21 48	0 50	22 11	0 8	23 25	0 6	2 27	2 27	12 58	0 28	16 45	0 18	8 52	17 4	22 33	22 30	19 54	15 40	2 6
W24	23 10	2 52	5 11	18 37	4 48	21 59	0 48	22 17	0 9	23 25	0 6	2 27	2 28	12 59	0 28	16 46	0 18	8 52	17 4	22 33	22 30	19 56	15 41	2 7
T 25	23 5	2s21	5 17	18 38	4 49	22 9	0 45	22 24	0 10	23 25	0 6	2 28	2 28	13 0	0 28	16 46	0 18	8 52	17 5	22 33	22 31	19 57	15 42	2 7
F 26	23 1	7 35	5 5	18 40	4 48	22 18	0 43	22 30	0 10	23 25	0 6	2 28	2 28	13 0	0 28	16 46	0 18	8 52	17 5	22 33	22 31	19 59	15 42	2 7
S 27	22 55	12 33	4 33	18 43	4 45	22 26	0 40	22 36	0 11	23 25	0 6	2 29	2 28	13 1	0 28	16 47	0 18	8 53	17 5	22 33	22 32	20 0	15 43	2 7
S 28	22 50	16 53	3 43	18 47	4 41	22 34	0 38	22 42	0 12	23 25	0 6	2 30	2 29	13 1	0 28	16 47	0 18	8 53	17 6	22 33	22 32	20 2	15 44	2 7
M29	22 44	20 13	2 38	18 53	4 36	22 42	0 35	22 47	0 12	23 25	0 6	2 30	2 29	13 2	0 28	16 48	0 18	8 53	17 6	22 33	22 32	20 3	15 44	2 8
T 30	22n37	22s10	1n20	19n 0	4s29	22n48	0s32	22n53	0n13	23n25	0s 6	2n30	2s29	13n 2	0s28	16s48	0s18	8s53	17s 6	22n33	22n33	20n 5	15n45	2s 8

Julian Day Number = 2213931.5, Delta T = 09m10s
Ecliptic obliquity = 23°31'22, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°39'57, Lahiri = 14°46'57 Julian Calendar 1 June 1349 == Greg. Calendar 9 June 1349

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ASTRODIENST EPHEMERIS for the year 1349
geocentric

JULY 1349 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	19 7 42	16♋25'53	16♑26	2°R47	24♊22	15♊33	2♋ 3	12♈ 7	5♉46	14°R33	17♈35	16°R 4	16♋ 4	15♊23	20♉ 2	W 1
T 2	19 11 39	17°23'07	1♒15	2°D43	25°34	16°14	2°16	12° 9	5°47	14♒32	17°35	16♋ 4	16° 1	15°29	20° 5	T 2
F 3	19 15 35	18°20'20	15°48	2♋45	26°47	16°55	2°30	12°10	5°49	14°30	17°35	16° 4	15°58	15°36	20° 7	F 3
S 4	19 19 32	19°17'35	29°58	2°52	28° 0	17°35	2°43	12°12	5°50	14°29	17°35	16° 4	15°55	15°43	20°10	S 4
S 5	19 23 29	20°14'50	13♓42	3° 6	29°13	18°16	2°56	12°13	5°52	14°27	17°35	16° 3	15°51	15°49	20°13	S 5
M 6	19 27 25	21°12'06	27° 0	3°25	0♋26	18°56	3° 9	12°14	5°53	14°26	17°36	16° 3	15°48	15°56	20°15	M 6
T 7	19 31 22	22° 9'23	9♈54	3°50	1°39	19°36	3°23	12°15	5°55	14°24	17°36	16° 2	15°45	16° 3	20°18	T 7
W 8	19 35 18	23° 6'41	22°26	4°21	2°52	20°17	3°36	12°16	5°56	14°23	17°36	16°D 2	15°42	16° 9	20°21	W 8
T 9	19 39 15	24° 4'00	4♉41	4°58	4° 5	20°57	3°49	12°17	5°57	14°21	17°36	16° 2	15°39	16°16	20°23	T 9
F 10	19 43 11	25° 1'20	16°43	5°40	5°18	21°37	4° 2	12°18	5°58	14°20	17°R36	16° 3	15°35	16°23	20°25	F 10
S 11	19 47 8	25°58'41	28°36	6°29	6°31	22°17	4°15	12°18	6° 0	14°18	17°36	16° 4	15°32	16°29	20°28	S 11
S 12	19 51 4	26°56'03	10♊25	7°23	7°44	22°58	4°28	12°19	6° 1	14°17	17°36	16° 5	15°29	16°36	20°30	S 12
M13	19 55 1	27°53'27	22°14	8°23	8°57	23°38	4°41	12°19	6° 2	14°15	17°36	16° 6	15°26	16°43	20°32	M13
T 14	19 58 58	28°50'51	4♋ 5	9°28	10°10	24°18	4°54	12°20	6° 3	14°14	17°36	16° 7	15°23	16°49	20°35	T 14
W15	20 2 54	29°48'16	16° 3	10°39	11°24	24°57	5° 7	12°20	6° 4	14°12	17°35	16°R 7	15°20	16°56	20°37	W15
T 16	20 6 51	0♌45'42	28°10	11°55	12°37	25°37	5°20	12°20	6° 5	14°11	17°35	16° 7	15°16	17° 3	20°39	T 16
F 17	20 10 47	1°43'09	10♌26	13°16	13°50	26°17	5°33	12°R20	6° 6	14° 9	17°35	16° 6	15°13	17° 9	20°41	F 17
S 18	20 14 44	2°40'37	22°55	14°42	15° 4	26°57	5°46	12°20	6° 7	14° 7	17°35	16° 4	15°10	17°16	20°43	S 18
S 19	20 18 40	3°38'06	5♍36	16°13	16°17	27°37	5°59	12°20	6° 7	14° 6	17°35	16° 1	15° 7	17°23	20°45	S 19
M20	20 22 37	4°35'36	18°31	17°48	17°30	28°16	6°11	12°20	6° 8	14° 4	17°35	15°59	15° 4	17°29	20°47	M20
T 21	20 26 33	5°33'07	1♎41	19°28	18°44	28°56	6°24	12°19	6° 9	14° 3	17°34	15°56	15° 1	17°36	20°49	T 21
W22	20 30 30	6°30'38	15° 5	21°11	19°57	29°35	6°37	12°19	6° 9	14° 1	17°34	15°54	14°57	17°43	20°51	W22
T 23	20 34 27	7°28'10	28°45	22°58	21°11	0♋15	6°49	12°18	6°10	13°59	17°34	15°53	14°54	17°49	20°52	T 23
F 24	20 38 23	8°25'44	12♏40	24°47	22°24	0°54	7° 2	12°17	6°11	13°58	17°34	15°D53	14°51	17°56	20°54	F 24
S 25	20 42 20	9°23'18	26°50	26°40	23°38	1°33	7°14	12°17	6°11	13°56	17°33	15°54	14°48	18° 3	20°55	S 25
S 26	20 46 16	10°20'53	11♐12	28°35	24°52	2°13	7°27	12°16	6°12	13°54	17°33	15°55	14°45	18° 9	20°57	S 26
M27	20 50 13	11°18'29	25°45	0♌32	26° 5	2°52	7°39	12°15	6°12	13°53	17°33	15°56	14°41	18°16	20°59	M27
T 28	20 54 9	12°16'06	10♑24	2°30	27°19	3°31	7°51	12°14	6°12	13°51	17°32	15°R57	14°38	18°23	21° 0	T 28
W29	20 58 6	13°13'45	25° 4	4°30	28°33	4°10	8° 3	12°12	6°13	13°49	17°32	15°57	14°35	18°29	21° 1	W29
T 30	21 2 2	14°11'24	9♒37	6°31	29°46	4°49	8°16	12°11	6°13	13°48	17°32	15°55	14°32	18°36	21° 3	T 30
F 31	21 5 59	15♌ 9'05	24♒ 0	8♌32	1♌ 0	5♋28	8♋28	12♈10	6♉13	13♒46	17♈31	15♋53	14♋29	18♊43	21♉ 4	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	22n30	22s33	0s 2	19n 9	4s21	22n54	0s30	22n58	0n14	23n25	0s 5	2n31	2s30	13n 3	0s28	16s48	0s18	8s54	17s 7	22n33	22n33	20n 6	15n45	2s 8
T 2	22 23	21 18	1 23	19 18	4 12	23 0	0 27	23 3	0 15	23 25	0 5	2 31	2 30	13 4	0 28	16 49	0 18	8 54	17 7	22 33	22 34	20 8	15 46	2 8
F 3	22 16	18 40	2 38	19 28	4 2	23 4	0 25	23 8	0 15	23 25	0 5	2 32	2 30	13 4	0 28	16 49	0 18	8 54	17 7	22 33	22 34	20 9	15 46	2 8
S 4	22 8	14 58	3 40	19 39	3 50	23 8	0 22	23 12	0 16	23 25	0 5	2 32	2 30	13 5	0 28	16 50	0 18	8 54	17 8	22 33	22 34	20 11	15 47	2 9
S 5	21 59	10 33	4 28	19 51	3 38	23 12	0 19	23 17	0 17	23 24	0 5	2 32	2 31	13 5	0 28	16 50	0 18	8 55	17 8	22 33	22 35	20 12	15 47	2 9
M 6	21 51	5 47	5 0	20 3	3 25	23 15	0 17	23 21	0 17	23 24	0 5	2 32	2 31	13 5	0 28	16 51	0 18	8 55	17 8	22 33	22 35	20 13	15 48	2 9
T 7	21 42	0 54	5 16	20 16	3 12	23 17	0 14	23 25	0 18	23 24	0 5	2 32	2 31	13 6	0 28	16 51	0 18	8 55	17 9	22 33	22 35	20 15	15 48	2 9
W 8	21 32	3n53	5 15	20 29	2 58	23 18	0 12	23 29	0 19	23 24	0 5	2 32	2 32	13 6	0 28	16 51	0 18	8 55	17 9	22 33	22 36	20 16	15 49	2 9
T 9	21 22	8 24	5 1	20 42	2 44	23 19	0 9	23 32	0 19	23 23	0 5	2 33	2 32	13 7	0 28	16 52	0 18	8 56	17 10	22 33	22 36	20 18	15 49	2 10
F 10	21 12	12 31	4 33	20 55	2 29	23 19	0 6	23 36	0 20	23 23	0 5	2 33	2 32	13 7	0 28	16 52	0 18	8 56	17 10	22 33	22 37	20 19	15 50	2 10
S 11	21 2	16 7	3 54	21 8	2 14	23 18	0 4	23 39	0 21	23 23	0 4	2 33	2 32	13 7	0 28	16 53	0 18	8 56	17 10	22 33	22 37	20 21	15 50	2 10
S 12	20 51	19 2	3 5	21 20	1 59	23 17	0 1	23 42	0 22	23 22	0 4	2 33	2 33	13 8	0 28	16 53	0 18	8 57	17 11	22 33	22 37	20 22	15 51	2 10
M13	20 39	21 9	2 9	21 32	1 44	23 15	0n 1	23 44	0 22	23 22	0 4	2 32	2 33	13 8	0 28	16 54	0 18	8 57	17 11	22 33	22 38	20 23	15 51	2 11
T 14	20 28	22 21	1 6	21 42	1 29	23 12	0 4	23 47	0 23	23 22	0 4	2 32	2 33	13 9	0 28	16 54	0 18	8 57	17 11	22 33	22 38	20 25	15 51	2 11
W15	20 16	22 33	0 0	21 52	1 14	23 8	0 7	23 49	0 24	23 21	0 4	2 32	2 34	13 9	0 28	16 55	0 18	8 58	17 12	22 33	22 38	20 26	15 52	2 11
T 16	20 3	21 41	1n 6	22 0	0 59	23 4	0 9	23 51	0 24	23 21	0 4	2 32	2 34	13 9	0 28	16 55	0 18	8 58	17 12	22 33	22 39	20 28	15 52	2 11
F 17	19 51	19 47	2 11	22 7	0 45	23 0	0 12	23 53	0 25	23 20	0 4	2 32	2 34	13 9	0 28	16 56	0 18	8 59	17 12	22 33	22 39	20 29	15 52	2 11
S 18	19 38	16 55	3 10	22 12	0 31	22 54	0 14	23 55	0 26	23 20	0 4	2 31	2 34	13 10	0 28	16 56	0 18	8 59	17 13	22 33	22 39	20 31	15 53	2 12
S 19	19 25	13 13	4 0	22 15	0 17	22 48	0 17	23 57	0 26	23 20	0 4	2 31	2 35	13 10	0 28	16 57	0 18	8 59	17 13	22 33	22 40	20 32	15 53	2 12
M20	19 11	8 51	4 40	22 16	0 4	22 41	0 19	23 58	0 27	23 19	0 4	2 31	2 35	13 10	0 28	16 57	0 18	9 0	17 13	22 34	22 40	20 33	15 53	2 12
T 21	18 57	4 0	5 6	22 15	0n 9	22 34	0 21	23 59	0 28	23 19	0 4	2 30	2 35	13 10	0 28	16 58	0 18	9 0	17 14	22 34	22 40	20 35	15 54	2 12
W22	18 43	1s 7	5 15	22 12	0 21	22 26	0 24	24 0	0 29	23 18	0 3	2 30	2 35	13 11	0 28	16 58	0 18	9 0	17 14	22 34	22 41	20 36	15 54	2 13
T 23	18 28	6 17	5 7	22 6	0 33	22 17	0 26	24 1	0 29	23 17	0 3	2 29	2 36	13 11	0 28	16 59	0 18	9 1	17 14	22 34	22 41	20 38	15 54	2 13
F 24	18 13	11 13	4 42	21 57	0 43	22 7	0 29	24 1	0 30	23 17	0 3	2 29	2 36	13 11	0 28	16 59	0 18	9 1	17 15	22 34	22 42	20 39	15 54	2 13
S 25	17 58	15 39	3 58	21 46	0 53	21 57	0 31	24 2	0 31	23 16	0 3	2 28	2 36	13 11	0 28	17 0	0 18	9 2	17 15	22 34	22 42	20 40	15 54	2 13
S 26	17 43	19 14	3 0	21 32	1 2	21 47	0 33	24 2	0 31	23 16	0 3	2 28	2 37	13 11	0 28	17 0	0 18	9 2	17 15	22 34	22 42	20 42	15 55	2 13
M27	17 27	21 38	1 49	21 15	1 10	21 35	0 36	24 2	0 32	23 15	0 3	2 27	2 37	13 11	0 28	17 0	0 18	9 3	17 16	22 34	22 43	20 43	15 55	2 14
T 28	17 11	22 36	0 30	20 56	1 18	21 23	0 38	24 1	0 33	23 15	0 3	2 26	2 37	13 11	0 28	17 1	0 18	9 3	17 16	22 34	22 43	20 44	15 55	2 14
W29	16 54	22 1	0s50	20 34	1 24	21 11	0 40	24 1	0 34	23 14	0 3	2 26	2 37	13 12	0 28	17 1	0 18	9 3	17 16	22 34	22 43	20 46	15 55	2 14
T 30	16 38	19 56	2 6	20 9	1 30	20 57	0 42	24 0	0 34	23 13	0 3	2 25	2 38	13 12	0 28	17 2	0 18	9 4	17 17	22 34	22 44	20 47	15 55	2 14
F 31	16n21	16s37	3s14	19n43	1n34	20n43	0n44	24n 0	0n35	23n13	0s 3	2n24	2s38	13n12	0s28	17s 2	0s18	9s 4	17s17	22n35	22n44	20n48	15n55	2s15

Julian Day Number = 2213961.5, Delta T = 09m09s
Ecliptic obliquity = 23°31'22, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°40'01, Lahiri = 14°47'02 Julian Calendar 1 July 1349 == Greg. Calendar 9 July 1349

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1349
geocentric

AUGUST 1349 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	21 9 56	16♌ 6'47	8♓ 4	10♌33	2♌14	6♋ 7	8♋40	12°R 8	6♉13	13°R45	17°R31	15°R49	14♋26	18♊49	21♉ 5	S 1
S 2	21 13 52	17° 4'30	21°47	12°35	3°28	6°46	8°52	12♈ 7	6°13	13♒43	17♈30	15♋44	14°22	18°56	21° 6	S 2
M 3	21 17 49	18° 2'16	5♈ 7	14°36	4°42	7°25	9° 4	12° 5	6°13	13°41	17°30	15°39	14°19	19° 3	21° 7	M 3
T 4	21 21 45	19° 0'02	18° 3	16°37	5°56	8° 3	9°16	12° 3	6°R13	13°40	17°29	15°35	14°16	19° 9	21° 8	T 4
W 5	21 25 42	19°57'51	0♉38	18°37	7°10	8°42	9°27	12° 1	6°13	13°38	17°29	15°32	14°13	19°16	21° 9	W 5
T 6	21 29 38	20°55'41	12°54	20°36	8°23	9°21	9°39	11°59	6°13	13°36	17°28	15°30	14°10	19°23	21°10	T 6
F 7	21 33 35	21°53'33	24°56	22°35	9°38	9°59	9°51	11°57	6°13	13°35	17°28	15°D30	14° 7	19°29	21°11	F 7
S 8	21 37 31	22°51'27	6♊49	24°32	10°52	10°38	10° 2	11°55	6°13	13°33	17°27	15°30	14° 3	19°36	21°12	S 8
S 9	21 41 28	23°49'23	18°38	26°28	12° 6	11°16	10°14	11°53	6°13	13°32	17°26	15°32	14° 0	19°43	21°12	S 9
M10	21 45 25	24°47'20	0♋28	28°23	13°20	11°55	10°25	11°50	6°12	13°30	17°26	15°34	13°57	19°49	21°13	M10
T 11	21 49 21	25°45'20	12°23	0♍17	14°34	12°33	10°37	11°48	6°12	13°28	17°25	15°R35	13°54	19°56	21°14	T 11
W12	21 53 18	26°43'21	24°28	2°10	15°48	13°11	10°48	11°45	6°12	13°27	17°25	15°34	13°51	20° 3	21°14	W12
T 13	21 57 14	27°41'24	6♌45	4° 2	17° 2	13°50	10°59	11°43	6°11	13°25	17°24	15°32	13°47	20° 9	21°14	T 13
F 14	22 1 11	28°39'29	19°17	5°52	18°17	14°28	11°10	11°40	6°11	13°24	17°23	15°28	13°44	20°16	21°15	F 14
S 15	22 5 7	29°37'35	2♍ 4	7°41	19°31	15° 6	11°22	11°37	6°10	13°22	17°22	15°22	13°41	20°23	21°15	S 15
S 16	22 9 4	0♍35'43	15° 8	9°29	20°45	15°44	11°32	11°34	6°10	13°21	17°22	15°15	13°38	20°29	21°15	S 16
M17	22 13 0	1°33'53	28°26	11°16	21°59	16°22	11°43	11°31	6° 9	13°19	17°21	15° 7	13°35	20°36	21°16	M17
T 18	22 16 57	2°32'04	11♎57	13° 1	23°14	17° 0	11°54	11°28	6° 8	13°17	17°20	14°59	13°32	20°43	21°16	T 18
W19	22 20 54	3°30'17	25°39	14°45	24°28	17°37	12° 5	11°25	6° 8	13°16	17°19	14°53	13°28	20°49	21°R16	W19
T 20	22 24 50	4°28'31	9♏31	16°28	25°43	18°15	12°15	11°22	6° 7	13°14	17°19	14°48	13°25	20°56	21°16	T 20
F 21	22 28 47	5°26'47	23°30	18°10	26°57	18°53	12°26	11°18	6° 6	13°13	17°18	14°46	13°22	21° 2	21°16	F 21
S 22	22 32 43	6°25'05	7♐35	19°51	28°11	19°30	12°36	11°15	6° 5	13°11	17°17	14°D45	13°19	21° 9	21°15	S 22
S 23	22 36 40	7°23'24	21°45	21°30	29°26	20° 8	12°47	11°12	6° 4	13°10	17°16	14°46	13°16	21°16	21°15	S 23
M24	22 40 36	8°21'44	5♑58	23° 9	0♍40	20°45	12°57	11° 8	6° 3	13° 9	17°15	14°46	13°13	21°22	21°15	M24
T 25	22 44 33	9°20'07	20°12	24°46	1°55	21°23	13° 7	11° 4	6° 2	13° 7	17°15	14°R47	13° 9	21°29	21°15	T 25
W26	22 48 29	10°18'31	4♒26	26°22	3° 9	22° 0	13°17	11° 1	6° 1	13° 6	17°14	14°45	13° 6	21°36	21°14	W26
T 27	22 52 26	11°16'56	18°35	27°57	4°24	22°37	13°27	10°57	6° 0	13° 4	17°13	14°41	13° 3	21°42	21°14	T 27
F 28	22 56 23	12°15'23	2♓36	29°31	5°39	23°15	13°37	10°53	5°59	13° 3	17°12	14°35	13° 0	21°49	21°13	F 28
S 29	23 0 19	13°13'52	16°24	1♎ 4	6°53	23°52	13°47	10°49	5°58	13° 2	17°11	14°26	12°57	21°56	21°13	S 29
S 30	23 4 16	14°12'23	29°55	2°36	8° 8	24°29	13°56	10°45	5°57	13° 0	17°10	14°16	12°53	22° 2	21°12	S 30
M31	23 8 12	15♍10'56	13♈ 8	4♎ 7	9♍22	25♋ 6	14♋ 6	10♈41	5♉55	12♒59	17♈ 9	14♋ 6	12♋50	22♊ 9	21♉11	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	16n 4	12s24	4s 8	19n14	1n38	20n29	0n46	23n59	0n36	23n12	0s 2	2n23	2s38	13n12	0s28	17s 3	0s18	9s 5	17s17	22n35	22n44	20n50	15n55	2s15
S 2	15 46	7 38	4 46	18 43	1 41	20 14	0 48	23 57	0 36	23 11	0 2	2 22	2 38	13 12	0 28	17 3	0 18	9 5	17 18	22 36	22 45	20 51	15 55	2 15
M 3	15 29	2 39	5 7	18 10	1 44	19 58	0 50	23 56	0 37	23 10	0 2	2 21	2 39	13 12	0 28	17 4	0 18	9 6	17 18	22 36	22 45	20 52	15 55	2 15
T 4	15 11	2n18	5 12	17 35	1 45	19 42	0 52	23 54	0 38	23 10	0 2	2 21	2 39	13 12	0 28	17 4	0 18	9 6	17 18	22 37	22 45	20 54	15 55	2 16
W 5	14 53	7 1	5 2	16 59	1 46	19 25	0 54	23 53	0 39	23 9	0 2	2 20	2 39	13 12	0 28	17 5	0 18	9 7	17 18	22 37	22 46	20 55	15 56	2 16
T 6	14 34	11 21	4 38	16 21	1 46	19 8	0 56	23 51	0 39	23 8	0 2	2 19	2 39	13 12	0 28	17 5	0 18	9 7	17 19	22 37	22 46	20 56	15 55	2 16
F 7	14 16	15 10	4 2	15 42	1 46	18 50	0 58	23 49	0 40	23 8	0 2	2 17	2 40	13 12	0 28	17 6	0 18	9 8	17 19	22 37	22 46	20 58	15 55	2 16
S 8	13 57	18 19	3 16	15 2	1 45	18 31	0 59	23 46	0 41	23 7	0 2	2 16	2 40	13 11	0 29	17 6	0 18	9 8	17 19	22 37	22 47	20 59	15 55	2 17
S 9	13 38	20 41	2 22	14 21	1 43	18 12	1 1	23 44	0 41	23 6	0 2	2 15	2 40	13 11	0 29	17 7	0 18	9 9	17 20	22 37	22 47	21 0	15 55	2 17
M10	13 18	22 10	1 21	13 39	1 41	17 53	1 3	23 41	0 42	23 5	0 2	2 14	2 40	13 11	0 29	17 7	0 18	9 9	17 20	22 37	22 47	21 2	15 55	2 17
T 11	12 59	22 39	0 17	12 56	1 38	17 33	1 4	23 38	0 43	23 4	0 1	2 13	2 41	13 11	0 29	17 8	0 18	9 10	17 20	22 37	22 48	21 3	15 55	2 17
W12	12 39	22 6	0n48	12 12	1 35	17 12	1 6	23 35	0 44	23 4	0 1	2 12	2 41	13 11	0 29	17 8	0 18	9 10	17 20	22 37	22 48	21 4	15 55	2 18
T 13	12 19	20 28	1 52	11 28	1 31	16 51	1 7	23 32	0 44	23 3	0 1	2 10	2 41	13 11	0 29	17 9	0 18	9 11	17 21	22 37	22 48	21 6	15 55	2 18
F 14	11 59	17 49	2 52	10 44	1 27	16 30	1 9	23 29	0 45	23 2	0 1	2 9	2 41	13 11	0 29	17 9	0 18	9 11	17 21	22 37	22 49	21 7	15 55	2 18
S 15	11 39	14 16	3 45	9 59	1 22	16 8	1 10	23 25	0 46	23 1	0 1	2 8	2 42	13 10	0 29	17 10	0 18	9 12	17 21	22 38	22 49	21 8	15 55	2 18
S 16	11 18	9 58	4 27	9 14	1 17	15 45	1 12	23 22	0 47	23 0	0 1	2 7	2 42	13 10	0 29	17 10	0 18	9 12	17 22	22 39	22 49	21 10	15 55	2 19
M17	10 57	5 8	4 55	8 29	1 12	15 23	1 13	23 18	0 47	22 59	0 1	2 5	2 42	13 10	0 29	17 10	0 18	9 13	17 22	22 40	22 50	21 11	15 54	2 19
T 18	10 36	0s 2	5 7	7 43	1 7	14 59	1 14	23 14	0 48	22 59	0 1	2 4	2 42	13 10	0 29	17 11	0 18	9 13	17 22	22 41	22 50	21 12	15 54	2 19
W19	10 15	5 15	5 2	6 58	1 1	14 36	1 15	23 10	0 49	22 58	0 1	2 2	2 42	13 10	0 29	17 11	0 18	9 14	17 22	22 41	22 50	21 13	15 54	2 19
T 20	9 54	10 17	4 40	6 12	0 55	14 12	1 16	23 5	0 49	22 57	0 1	2 1	2 43	13 9	0 29	17 12	0 18	9 14	17 23	22 42	22 51	21 15	15 54	2 20
F 21	9 33	14 50	4 0	5 26	0 49	13 47	1 17	23 1	0 50	22 56	0 0	1 59	2 43	13 9	0 29	17 12	0 18	9 15	17 23	22 42	22 51	21 16	15 53	2 20
S 22	9 11	18 35	3 6	4 41	0 42	13 22	1 18	22 56	0 51	22 55	0 0	1 58	2 43	13 9	0 29	17 13	0 18	9 15	17 23	22 42	22 51	21 17	15 53	2 20
S 23	8 50	21 16	2 1	3 55	0 36	12 57	1 19	22 52	0 52	22 54	0 0	1 56	2 43	13 8	0 29	17 13	0 18	9 16	17 23	22 42	22 52	21 18	15 53	2 20
M24	8 28	22 36	0 47	3 10	0 29	12 31	1 20	22 47	0 52	22 53	0 0	1 55	2 43	13 8	0 29	17 13	0 18	9 16	17 23	22 42	22 52	21 20	15 52	2 20
T 25	8 6	22 29	0s29	2 25	0 22	12 5	1 21	22 42	0 53	22 52	0 0	1 53	2 44	13 8	0 29	17 14	0 18	9 17	17 24	22 42	22 52	21 21	15 52	2 21
W26	7 44	20 54	1 43	1 40	0 15	11 39	1 22	22 36	0 54	22 52	0n 0	1 52	2 44	13 7	0 29	17 14	0 18	9 17	17 24	22 42	22 53	21 22	15 52	2 21
T 27	7 22	18 1	2 51	0 56	0 7	11 12	1 22	22 31	0 55	22 51	0 0	1 50	2 44	13 7	0 29	17 15	0 18	9 18	17 24	22 43	22 53	21 23	15 51	2 21
F 28	6 59	14 7	3 47	0 12	0 0	10 45	1 23	22 25	0 55	22 50	0 0	1 48	2 44	13 7	0 29	17 15	0 18	9 18	17 24	22 43	22 53	21 25	15 51	2 21
S 29	6 37	9 31	4 29	0s32	0s 7	10 18	1 23	22 20	0 56	22 49	0 0	1 47	2 44	13 6	0 29	17 15	0 18	9 19	17 25	22 44	22 53	21 26	15 51	2 22
S 30	6 14	4 32	4 55	1 16	0 15	9 51	1 24	22 14	0 57	22 48	0 1	1 45	2 44	13 6	0 29	17 16	0 18	9 19	17 25	22 45	22 54	21 27	15 50	2 22
M31	5n52	0n32	5s 4	1s59	0s23	9n23	1n24	22n 8	0n58	22n47	0n 1	1n43	2s45	13n 5	0s29	17s16	0s18	9s20	17s25	22n46	22n54	21n28	15n50	2s22

Julian Day Number = 2213992.5, Delta T = 09m09s
Ecliptic obliquity = 23°31'23, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°40'05, Lahiri = 14°47'06 Julian Calendar 1 Aug. 1349 == Greg. Calendar 9 Aug. 1349

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ASTRODIENST EPHEMERIS for the year 1349
geocentric

SEPTEMBER 1349 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	23 12 9	16♍ 9'31	26♈ 0	5♎36	10♍37	25♋43	14♋15	10°R37	5°R54	12°R58	17°R 8	13°R56	12♋47	22♊16	21°R10	T 1
W 2	23 16 5	17° 8'09	8♉33	7° 5	11°52	26°20	14°24	10♈33	5♉53	12♒56	17♈ 7	13♋48	12°44	22°22	21♉ 9	W 2
T 3	23 20 2	18° 6'48	20°49	8°32	13° 7	26°57	14°34	10°29	5°51	12°55	17° 6	13°42	12°41	22°29	21° 9	T 3
F 4	23 23 58	19° 5'30	2♊51	9°59	14°21	27°33	14°43	10°25	5°50	12°54	17° 5	13°39	12°38	22°36	21° 8	F 4
S 5	23 27 55	20° 4'14	14°44	11°24	15°36	28°10	14°52	10°20	5°48	12°53	17° 4	13°37	12°34	22°42	21° 7	S 5
S 6	23 31 51	21° 3'00	26°33	12°48	16°51	28°47	15° 0	10°16	5°47	12°51	17° 3	13°D37	12°31	22°49	21° 5	S 6
M 7	23 35 48	22° 1'49	8♋23	14°11	18° 6	29°23	15° 9	10°12	5°45	12°50	17° 2	13°R37	12°28	22°56	21° 4	M 7
T 8	23 39 45	23° 0'40	20°20	15°33	19°21	29°59	15°18	10° 7	5°44	12°49	17° 1	13°37	12°25	23° 2	21° 3	T 8
W 9	23 43 41	23°59'33	2♌28	16°54	20°35	0♌36	15°26	10° 3	5°42	12°48	17° 0	13°36	12°22	23° 9	21° 2	W 9
T 10	23 47 38	24°58'28	14°53	18°13	21°50	1°12	15°34	9°58	5°40	12°47	16°59	13°32	12°18	23°16	21° 0	T 10
F 11	23 51 34	25°57'26	27°36	19°32	23° 5	1°48	15°43	9°54	5°39	12°46	16°58	13°25	12°15	23°22	20°59	F 11
S 12	23 55 31	26°56'25	10♍41	20°48	24°20	2°25	15°51	9°49	5°37	12°45	16°57	13°16	12°12	23°29	20°57	S 12
S 13	23 59 27	27°55'27	24° 5	22° 4	25°35	3° 1	15°59	9°45	5°35	12°43	16°56	13° 5	12° 9	23°36	20°56	S 13
M14	0 3 24	28°54'31	7♎49	23°17	26°50	3°37	16° 6	9°40	5°33	12°42	16°55	12°53	12° 6	23°42	20°54	M14
T 15	0 7 20	29°53'37	21°47	24°30	28° 5	4°13	16°14	9°35	5°31	12°41	16°54	12°41	12° 3	23°49	20°53	T 15
W16	0 11 17	0♎52'45	5♏55	25°40	29°20	4°48	16°22	9°31	5°29	12°41	16°53	12°31	11°59	23°55	20°51	W16
T 17	0 15 14	1°51'54	20° 8	26°49	0♎35	5°24	16°29	9°26	5°28	12°40	16°52	12°23	11°56	24° 2	20°49	T 17
F 18	0 19 10	2°51'06	4♐23	27°55	1°50	6° 0	16°36	9°21	5°26	12°39	16°51	12°18	11°53	24° 9	20°47	F 18
S 19	0 23 7	3°50'20	18°35	29° 0	3° 5	6°35	16°43	9°17	5°24	12°38	16°49	12°16	11°50	24°15	20°46	S 19
S 20	0 27 3	4°49'35	2♑43	0♏ 2	4°20	7°11	16°50	9°12	5°22	12°37	16°48	12°15	11°47	24°22	20°44	S 20
M21	0 31 0	5°48'52	16°47	1° 2	5°35	7°46	16°57	9° 7	5°20	12°36	16°47	12°15	11°44	24°29	20°42	M21
T 22	0 34 56	6°48'11	0♒44	1°59	6°50	8°22	17° 4	9° 2	5°17	12°35	16°46	12°15	11°40	24°35	20°40	T 22
W23	0 38 53	7°47'31	14°35	2°53	8° 5	8°57	17°10	8°58	5°15	12°35	16°45	12°12	11°37	24°42	20°37	W23
T 24	0 42 49	8°46'54	28°19	3°43	9°20	9°32	17°17	8°53	5°13	12°34	16°44	12° 6	11°34	24°49	20°35	T 24
F 25	0 46 46	9°46'18	11♓54	4°30	10°35	10° 7	17°23	8°48	5°11	12°33	16°43	11°58	11°31	24°55	20°33	F 25
S 26	0 50 43	10°45'44	25°18	5°14	11°50	10°42	17°29	8°43	5° 9	12°32	16°42	11°47	11°28	25° 2	20°31	S 26
S 27	0 54 39	11°45'12	8♈30	5°52	13° 5	11°17	17°35	8°39	5° 7	12°32	16°40	11°34	11°24	25° 9	20°29	S 27
M28	0 58 36	12°44'42	21°27	6°27	14°20	11°52	17°40	8°34	5° 4	12°31	16°39	11°20	11°21	25°15	20°26	M28
T 29	1 2 32	13°44'14	4♉ 8	6°55	15°35	12°26	17°46	8°29	5° 2	12°31	16°38	11° 7	11°18	25°22	20°24	T 29
W30	1 6 29	14♎43'49	16♉34	7♏19	16♎51	13♌ 1	17♋51	8♈24	5♉ 0	12♒30	16♈37	10♋56	11♋15	25♊29	20♉21	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	5n29	5n27	4s58	2s42	0s30	8n55	1n25	22n 2	0n58	22n46	0n 1	1n42	2s45	13n 5	0s29	17s17	0s18	9s20	17s25	22n47	22n54	21n29	15n49	2s22
W 2	5 6	10 2	4 37	3 24	0 38	8 27	1 25	21 56	0 59	22 45	0 1	1 40	2 45	13 4	0 29	17 17	0 18	9 21	17 25	22 48	22 55	21 31	15 49	2 23
T 3	4 43	14 7	4 3	4 6	0 46	7 58	1 25	21 49	1 0	22 44	0 1	1 38	2 45	13 4	0 29	17 17	0 18	9 21	17 25	22 49	22 55	21 32	15 48	2 23
F 4	4 20	17 32	3 20	4 47	0 53	7 29	1 25	21 43	1 1	22 44	0 1	1 36	2 45	13 3	0 29	17 18	0 18	9 22	17 26	22 49	22 55	21 33	15 48	2 23
S 5	3 57	20 12	2 28	5 28	1 1	7 0	1 25	21 36	1 1	22 43	0 1	1 34	2 45	13 3	0 29	17 18	0 18	9 22	17 26	22 49	22 56	21 34	15 48	2 23
S 6	3 34	21 59	1 30	6 8	1 9	6 31	1 25	21 29	1 2	22 42	0 1	1 33	2 45	13 2	0 29	17 18	0 18	9 23	17 26	22 49	22 56	21 35	15 47	2 24
M 7	3 10	22 48	0 28	6 47	1 16	6 2	1 25	21 23	1 3	22 41	0 1	1 31	2 46	13 2	0 29	17 19	0 18	9 23	17 26	22 49	22 56	21 37	15 46	2 24
T 8	2 47	22 34	0n36	7 26	1 24	5 32	1 25	21 16	1 4	22 40	0 2	1 29	2 46	13 1	0 29	17 19	0 18	9 24	17 26	22 49	22 56	21 38	15 46	2 24
W 9	2 24	21 17	1 39	8 4	1 32	5 2	1 25	21 9	1 4	22 39	0 2	1 27	2 46	13 1	0 29	17 19	0 18	9 24	17 26	22 50	22 57	21 39	15 45	2 24
T 10	2 0	18 57	2 38	8 42	1 39	4 33	1 25	21 1	1 5	22 38	0 2	1 25	2 46	13 0	0 29	17 20	0 18	9 25	17 27	22 50	22 57	21 40	15 45	2 25
F 11	1 37	15 39	3 31	9 18	1 46	4 3	1 24	20 54	1 6	22 38	0 2	1 23	2 46	13 0	0 29	17 20	0 18	9 25	17 27	22 51	22 57	21 41	15 44	2 25
S 12	1 13	11 31	4 14	9 54	1 54	3 32	1 24	20 47	1 7	22 37	0 2	1 22	2 46	12 59	0 29	17 20	0 18	9 26	17 27	22 52	22 58	21 43	15 44	2 25
S 13	0 50	6 43	4 45	10 29	2 1	3 2	1 23	20 39	1 8	22 36	0 2	1 20	2 46	12 58	0 29	17 21	0 18	9 26	17 27	22 53	22 58	21 44	15 43	2 25
M14	0 26	1 29	5 0	11 4	2 8	2 32	1 23	20 31	1 8	22 35	0 2	1 18	2 46	12 58	0 29	17 21	0 18	9 27	17 27	22 54	22 58	21 45	15 42	2 26
T 15	0 3	3s55	4 57	11 37	2 15	2 1	1 22	20 24	1 9	22 34	0 2	1 16	2 46	12 57	0 29	17 21	0 18	9 27	17 27	22 55	22 59	21 46	15 42	2 26
W16	0s21	9 11	4 37	12 9	2 21	1 31	1 22	20 16	1 10	22 33	0 2	1 14	2 46	12 57	0 29	17 22	0 18	9 28	17 27	22 56	22 59	21 47	15 41	2 26
T 17	0 45	14 0	3 59	12 40	2 28	1 0	1 21	20 8	1 11	22 33	0 3	1 12	2 46	12 56	0 29	17 22	0 18	9 28	17 27	22 57	22 59	21 48	15 40	2 26
F 18	1 8	18 3	3 6	13 10	2 34	0 30	1 20	20 0	1 11	22 32	0 3	1 10	2 46	12 55	0 29	17 22	0 18	9 29	17 27	22 57	22 59	21 49	15 40	2 26
S 19	1 32	21 1	2 2	13 39	2 40	0s 1	1 19	19 51	1 12	22 31	0 3	1 8	2 47	12 55	0 29	17 22	0 18	9 29	17 27	22 57	23 0	21 51	15 39	2 27
S 20	1 55	22 39	0 50	14 6	2 46	0 32	1 19	19 43	1 13	22 30	0 3	1 6	2 47	12 54	0 29	17 23	0 18	9 30	17 28	22 57	23 0	21 52	15 38	2 27
M21	2 19	22 52	0s24	14 32	2 51	1 2	1 18	19 35	1 14	22 30	0 3	1 5	2 47	12 53	0 29	17 23	0 18	9 30	17 28	22 57	23 0	21 53	15 37	2 27
T 22	2 43	21 38	1 36	14 57	2 56	1 33	1 17	19 26	1 15	22 29	0 3	1 3	2 47	12 53	0 29	17 23	0 18	9 31	17 28	22 57	23 1	21 54	15 37	2 27
W23	3 6	19 6	2 42	15 20	3 1	2 4	1 16	19 18	1 15	22 28	0 3	1 1	2 47	12 52	0 29	17 23	0 18	9 31	17 28	22 58	23 1	21 55	15 36	2 28
T 24	3 30	15 30	3 38	15 42	3 5	2 34	1 14	19 9	1 16	22 28	0 3	0 59	2 47	12 51	0 29	17 23	0 18	9 32	17 28	22 58	23 1	21 56	15 35	2 28
F 25	3 53	11 8	4 20	16 1	3 8	3 5	1 13	19 0	1 17	22 27	0 4	0 57	2 47	12 50	0 29	17 24	0 18	9 32	17 28	22 59	23 1	21 57	15 34	2 28
S 26	4 16	6 16	4 48	16 18	3 11	3 35	1 12	18 52	1 18	22 26	0 4	0 55	2 47	12 50	0 29	17 24	0 19	9 33	17 28	23 0	23 2	21 58	15 34	2 28
S 27	4 40	1 12	5 0	16 34	3 13	4 6	1 11	18 43	1 19	22 26	0 4	0 53	2 47	12 49	0 29	17 24	0 19	9 33	17 28	23 1	23 2	21 59	15 33	2 28
M28	5 3	3n49	4 55	16 47	3 15	4 36	1 9	18 34	1 20	22 25	0 4	0 51	2 47	12 48	0 29	17 24	0 19	9 34	17 28	23 2	23 2	22 1	15 32	2 29
T 29	5 26	8 36	4 37	16 57	3 16	5 7	1 8	18 25	1 20	22 24	0 4	0 49	2 47	12 47	0 29	17 24	0 19	9 34	17 28	23 3	23 2	22 2	15 31	2 29
W30	5s49	12n56	4s 5	17s 5	3s16	5s37	1n 7	18n16	1n21	22n24	0n 4	0n48	2s47	12n47	0s29	17s25	0s19	9s34	17s28	23n 4	23n 3	22n 3	15n30	2s29

Julian Day Number = 2214023.5, Delta T = 09m09s
Ecliptic obliquity = 23°31'24, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°40'10, Lahiri = 14°47'10 Julian Calendar 1 Sept. 1349 == Greg. Calendar 9 Sept. 1349

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ASTRODIENST EPHEMERIS for the year 1349
geocentric

OCTOBER 1349 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	1 10 25	15♎43'25	28♉46	7♏36	18♎ 6	13♌36	17♋57	8°R20	4°R58	12°R29	16°R36	10°R48	11♋12	25♊35	20°R19	T 1
F 2	1 14 22	16°43'04	10♊45	7°46	19°21	14°10	18° 2	8♈15	4♉55	12♒29	16♈35	10♋42	11° 9	25°42	20♉16	F 2
S 3	1 18 18	17°42'45	22°36	7°R49	20°36	14°44	18° 7	8°10	4°53	12°28	16°34	10°39	11° 5	25°49	20°14	S 3
S 4	1 22 15	18°42'29	4♋24	7°44	21°51	15°19	18°11	8° 6	4°51	12°28	16°32	10°38	11° 2	25°55	20°11	S 4
M 5	1 26 12	19°42'14	16°12	7°30	23° 6	15°53	18°16	8° 1	4°48	12°28	16°31	10°38	10°59	26° 2	20° 9	M 5
T 6	1 30 8	20°42'02	28° 8	7° 8	24°21	16°27	18°20	7°56	4°46	12°27	16°30	10°38	10°56	26° 8	20° 6	T 6
W 7	1 34 5	21°41'53	10♌17	6°37	25°37	17° 1	18°24	7°52	4°44	12°27	16°29	10°36	10°53	26°15	20° 3	W 7
T 8	1 38 1	22°41'45	22°42	5°57	26°52	17°35	18°29	7°47	4°41	12°27	16°28	10°33	10°50	26°22	20° 1	T 8
F 9	1 41 58	23°41'39	5♍30	5° 8	28° 7	18° 8	18°32	7°43	4°39	12°26	16°27	10°27	10°46	26°28	19°58	F 9
S 10	1 45 54	24°41'36	18°43	4°11	29°22	18°42	18°36	7°38	4°36	12°26	16°26	10°18	10°43	26°35	19°55	S 10
S 11	1 49 51	25°41'35	2♎21	3° 6	0♏37	19°16	18°40	7°34	4°34	12°26	16°24	10° 8	10°40	26°42	19°52	S 11
M12	1 53 47	26°41'36	16°23	1°55	1°53	19°49	18°43	7°30	4°31	12°26	16°23	9°56	10°37	26°48	19°49	M12
T 13	1 57 44	27°41'39	0♏45	0°40	3° 8	20°22	18°46	7°25	4°29	12°26	16°22	9°45	10°34	26°55	19°46	T 13
W14	2 1 40	28°41'44	15°19	29♎23	4°23	20°55	18°49	7°21	4°26	12°25	16°21	9°35	10°30	27° 2	19°43	W14
T 15	2 5 37	29°41'50	29°59	28° 5	5°38	21°28	18°52	7°17	4°24	12°25	16°20	9°27	10°27	27° 8	19°40	T 15
F 16	2 9 34	0♏41'59	14♐38	26°50	6°53	22° 1	18°54	7°13	4°22	12°25	16°19	9°22	10°24	27°15	19°37	F 16
S 17	2 13 30	1°42'09	29°10	25°40	8° 9	22°34	18°57	7° 8	4°19	12°D25	16°18	9°20	10°21	27°22	19°34	S 17
S 18	2 17 27	2°42'21	13♑30	24°37	9°24	23° 7	18°59	7° 4	4°17	12°25	16°17	9°D19	10°18	27°28	19°31	S 18
M19	2 21 23	3°42'34	27°36	23°43	10°39	23°39	19° 1	7° 0	4°14	12°25	16°16	9°R20	10°15	27°35	19°28	M19
T 20	2 25 20	4°42'49	11♒29	22°59	11°54	24°12	19° 3	6°56	4°12	12°26	16°14	9°20	10°11	27°42	19°25	T 20
W21	2 29 16	5°43'05	25° 8	22°26	13°10	24°44	19° 4	6°53	4° 9	12°26	16°13	9°18	10° 8	27°48	19°22	W21
T 22	2 33 13	6°43'22	8♓33	22° 5	14°25	25°16	19° 6	6°49	4° 7	12°26	16°12	9°14	10° 5	27°55	19°19	T 22
F 23	2 37 9	7°43'41	21°47	21°D55	15°40	25°48	19° 7	6°45	4° 4	12°26	16°11	9° 7	10° 2	28° 2	19°15	F 23
S 24	2 41 6	8°44'02	4♈48	21°57	16°55	26°20	19° 8	6°41	4° 2	12°26	16°10	8°58	9°59	28° 8	19°12	S 24
S 25	2 45 3	9°44'24	17°38	22°10	18°10	26°52	19° 9	6°38	3°59	12°27	16° 9	8°48	9°55	28°15	19° 9	S 25
M26	2 48 59	10°44'47	0♉16	22°33	19°26	27°24	19° 9	6°34	3°57	12°27	16° 8	8°36	9°52	28°21	19° 6	M26
T 27	2 52 56	11°45'13	12°42	23° 5	20°41	27°55	19°10	6°31	3°54	12°27	16° 7	8°26	9°49	28°28	19° 3	T 27
W28	2 56 52	12°45'40	24°56	23°45	21°56	28°27	19°10	6°27	3°52	12°28	16° 6	8°17	9°46	28°35	18°59	W28
T 29	3 0 49	13°46'08	7♊ 0	24°33	23°11	28°58	19°R10	6°24	3°49	12°28	16° 5	8°10	9°43	28°41	18°56	T 29
F 30	3 4 45	14°46'39	18°54	25°27	24°27	29°29	19°10	6°21	3°47	12°28	16° 4	8° 5	9°40	28°48	18°53	F 30
S 31	3 8 42	15♏47'11	0♋43	26♎27	25♏42	29♌59	19♋ 9	6♈18	3♉45	12♒29	16♈ 3	8♋ 3	9♋36	28♊55	18♉50	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	6s13	16n40	3s22	17s 9	3s14	6s 7	1n 5	18n 7	1n22	22n23	0n 4	0n46	2s47	12n46	0s29	17s25	0s19	9s35	17s28	23n 5	23n 3	22n 4	15n29	2s29
F 2	6 36	19 38	2 31	17 10	3 12	6 37	1 4	17 57	1 23	22 23	0 4	0 44	2 47	12 45	0 29	17 25	0 19	9 35	17 28	23 5	23 3	22 5	15 29	2 29
S 3	6 58	21 45	1 34	17 8	3 9	7 7	1 2	17 48	1 24	22 22	0 5	0 42	2 47	12 44	0 29	17 25	0 19	9 36	17 28	23 6	23 4	22 6	15 28	2 30
S 4	7 21	22 54	0 33	17 2	3 4	7 37	1 0	17 39	1 24	22 22	0 5	0 40	2 46	12 44	0 29	17 25	0 19	9 36	17 28	23 6	23 4	22 7	15 27	2 30
M 5	7 44	23 2	0n30	16 52	2 58	8 6	0 59	17 29	1 25	22 21	0 5	0 39	2 46	12 43	0 29	17 25	0 19	9 36	17 28	23 6	23 4	22 8	15 26	2 30
T 6	8 7	22 6	1 32	16 37	2 50	8 36	0 57	17 20	1 26	22 21	0 5	0 37	2 46	12 42	0 29	17 25	0 19	9 37	17 28	23 6	23 4	22 9	15 25	2 30
W 7	8 29	20 8	2 30	16 17	2 40	9 5	0 55	17 10	1 27	22 20	0 5	0 35	2 46	12 41	0 29	17 25	0 19	9 37	17 28	23 6	23 5	22 10	15 24	2 30
T 8	8 52	17 12	3 24	15 53	2 29	9 34	0 53	17 1	1 28	22 20	0 5	0 33	2 46	12 40	0 29	17 26	0 19	9 38	17 28	23 6	23 5	22 11	15 23	2 30
F 9	9 14	13 22	4 8	15 24	2 15	10 3	0 51	16 51	1 29	22 19	0 5	0 32	2 46	12 40	0 29	17 26	0 19	9 38	17 28	23 7	23 5	22 12	15 22	2 31
S 10	9 36	8 47	4 41	14 51	2 1	10 31	0 49	16 42	1 30	22 19	0 6	0 30	2 46	12 39	0 29	17 26	0 19	9 38	17 28	23 7	23 5	22 13	15 21	2 31
S 11	9 58	3 38	4 59	14 13	1 44	10 59	0 48	16 32	1 30	22 19	0 6	0 28	2 46	12 38	0 29	17 26	0 19	9 39	17 28	23 8	23 6	22 14	15 21	2 31
M12	10 20	1s51	5 0	13 32	1 26	11 27	0 46	16 22	1 31	22 18	0 6	0 27	2 46	12 37	0 29	17 26	0 19	9 39	17 27	23 9	23 6	22 15	15 20	2 31
T 13	10 41	7 22	4 42	12 47	1 7	11 55	0 43	16 12	1 32	22 18	0 6	0 25	2 46	12 36	0 29	17 26	0 19	9 39	17 27	23 10	23 6	22 16	15 19	2 31
W14	11 3	12 34	4 6	12 1	0 46	12 23	0 41	16 2	1 33	22 18	0 6	0 23	2 46	12 35	0 29	17 26	0 19	9 40	17 27	23 11	23 6	22 17	15 18	2 32
T 15	11 24	17 5	3 13	11 14	0 26	12 50	0 39	15 53	1 34	22 18	0 6	0 22	2 46	12 35	0 29	17 26	0 19	9 40	17 27	23 11	23 7	22 18	15 17	2 32
F 16	11 45	20 32	2 7	10 28	0 5	13 17	0 37	15 43	1 35	22 17	0 6	0 20	2 45	12 34	0 29	17 26	0 19	9 40	17 27	23 11	23 7	22 19	15 16	2 32
S 17	12 6	22 37	0 54	9 43	0n15	13 43	0 35	15 33	1 36	22 17	0 7	0 19	2 45	12 33	0 29	17 26	0 19	9 41	17 27	23 12	23 7	22 20	15 15	2 32
S 18	12 27	23 12	0s22	9 2	0 35	14 9	0 33	15 23	1 37	22 17	0 7	0 17	2 45	12 32	0 29	17 26	0 19	9 41	17 27	23 12	23 7	22 21	15 14	2 32
M19	12 48	22 17	1 36	8 25	0 53	14 35	0 31	15 13	1 38	22 17	0 7	0 16	2 45	12 31	0 29	17 26	0 19	9 41	17 27	23 12	23 8	22 22	15 13	2 32
T 20	13 8	20 0	2 43	7 53	1 9	15 1	0 28	15 3	1 38	22 17	0 7	0 14	2 45	12 30	0 29	17 26	0 19	9 42	17 27	23 12	23 8	22 23	15 12	2 32
W21	13 28	16 37	3 39	7 27	1 24	15 26	0 26	14 53	1 39	22 17	0 7	0 13	2 45	12 30	0 29	17 26	0 19	9 42	17 27	23 12	23 8	22 24	15 11	2 33
T 22	13 48	12 26	4 22	7 7	1 38	15 50	0 24	14 43	1 40	22 17	0 7	0 12	2 45	12 29	0 29	17 26	0 19	9 42	17 26	23 12	23 8	22 25	15 10	2 33
F 23	14 8	7 43	4 51	6 53	1 49	16 15	0 22	14 33	1 41	22 17	0 7	0 10	2 44	12 28	0 29	17 26	0 19	9 42	17 26	23 13	23 9	22 26	15 9	2 33
S 24	14 28	2 43	5 3	6 45	1 58	16 39	0 19	14 23	1 42	22 17	0 8	0 9	2 44	12 27	0 29	17 26	0 19	9 43	17 26	23 13	23 9	22 27	15 8	2 33
S 25	14 47	2n19	5 1	6 43	2 6	17 2	0 17	14 13	1 43	22 17	0 8	0 8	2 44	12 26	0 29	17 26	0 19	9 43	17 26	23 14	23 9	22 28	15 7	2 33
M26	15 6	7 11	4 43	6 46	2 12	17 25	0 14	14 3	1 44	22 17	0 8	0 7	2 44	12 25	0 29	17 25	0 19	9 43	17 26	23 15	23 9	22 29	15 6	2 33
T 27	15 25	11 42	4 12	6 54	2 16	17 47	0 12	13 53	1 45	22 17	0 8	0 5	2 44	12 25	0 29	17 25	0 19	9 43	17 26	23 15	23 10	22 30	15 5	2 33
W28	15 43	15 40	3 30	7 6	2 19	18 10	0 10	13 43	1 46	22 17	0 8	0 4	2 44	12 24	0 29	17 25	0 19	9 44	17 25	23 16	23 10	22 31	15 4	2 34
T 29	16 2	18 57	2 39	7 22	2 21	18 31	0 7	13 32	1 47	22 17	0 8	0 3	2 43	12 23	0 29	17 25	0 19	9 44	17 25	23 16	23 10	22 32	15 3	2 34
F 30	16 20	21 23	1 41	7 41	2 21	18 52	0 5	13 22	1 48	22 17	0 8	0 2	2 43	12 22	0 29	17 25	0 19	9 44	17 25	23 17	23 10	22 33	15 2	2 34
S 31	16s37	22n52	0s39	8s 4	2n20	19s13	0n 2	13n12	1n49	22n17	0n 9	0n 1	2s43	12n21	0s29	17s25	0s19	9s44	17s25	23n17	23n10	22n34	15n 1	2s34

Julian Day Number = 2214053.5, Delta T = 09m09s
Ecliptic obliquity = 23°31'24, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°40'14, Lahiri = 14°47'14 Julian Calendar 1 Oct. 1349 == Greg. Calendar 9 Oct. 1349

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ASTRODIENST EPHEMERIS for the year 1349
geocentric

NOVEMBER 1349 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	3 12 38	16♏47'45	12♋29	27♎32	26♏57	0♍31	19°R 9	6°R15	3°R42	12♒29	16°R 2	8°D 3	9♋33	29♊ 1	18°R46	S 1
M 2	3 16 35	17°48'20	24°17	28°42	28°12	1° 1	19♋ 8	6♈12	3♉40	12°30	16♈ 1	8♋ 4	9°30	29° 8	18♉43	M 2
T 3	3 20 32	18°48'58	6♌11	29°55	29°28	1°32	19° 7	6° 9	3°37	12°31	16° 0	8° 5	9°27	29°15	18°40	T 3
W 4	3 24 28	19°49'37	18°17	1♏12	0♐43	2° 2	19° 6	6° 6	3°35	12°31	15°59	8°R 6	9°24	29°21	18°36	W 4
T 5	3 28 25	20°50'18	0♍40	2°31	1°58	2°32	19° 5	6° 4	3°33	12°32	15°58	8° 5	9°21	29°28	18°33	T 5
F 6	3 32 21	21°51'00	13°25	3°52	3°13	3° 2	19° 3	6° 1	3°30	12°32	15°58	8° 3	9°17	29°35	18°30	F 6
S 7	3 36 18	22°51'44	26°36	5°16	4°28	3°32	19° 1	5°58	3°28	12°33	15°57	7°58	9°14	29°41	18°27	S 7
S 8	3 40 14	23°52'30	10♎14	6°41	5°44	4° 2	18°59	5°56	3°26	12°34	15°56	7°52	9°11	29°48	18°23	S 8
M 9	3 44 11	24°53'17	24°21	8° 7	6°59	4°31	18°57	5°54	3°23	12°35	15°55	7°45	9° 8	29°55	18°20	M 9
T 10	3 48 7	25°54'06	8♏52	9°35	8°14	5° 1	18°55	5°52	3°21	12°36	15°54	7°38	9° 5	0♋ 1	18°17	T 10
W11	3 52 4	26°54'56	23°43	11° 4	9°29	5°30	18°52	5°49	3°19	12°36	15°53	7°32	9° 1	0° 8	18°14	W11
T 12	3 56 1	27°55'47	8♐44	12°33	10°45	5°59	18°50	5°47	3°17	12°37	15°52	7°28	8°58	0°14	18°10	T 12
F 13	3 59 57	28°56'40	23°47	14° 3	12° 0	6°27	18°47	5°45	3°15	12°38	15°52	7°25	8°55	0°21	18° 7	F 13
S 14	4 3 54	29°57'34	8♑42	15°34	13°15	6°56	18°43	5°44	3°12	12°39	15°51	7°D24	8°52	0°28	18° 4	S 14
S 15	4 7 50	0♐58'28	23°24	17° 5	14°30	7°24	18°40	5°42	3°10	12°40	15°50	7°25	8°49	0°34	18° 1	S 15
M16	4 11 47	1°59'24	7♒46	18°36	15°46	7°52	18°37	5°40	3° 8	12°41	15°49	7°26	8°46	0°41	17°58	M16
T 17	4 15 43	3° 0'20	21°47	20° 8	17° 1	8°20	18°33	5°39	3° 6	12°42	15°49	7°28	8°42	0°48	17°54	T 17
W18	4 19 40	4° 1'17	5♓27	21°40	18°16	8°48	18°29	5°38	3° 4	12°43	15°48	7°R28	8°39	0°54	17°51	W18
T 19	4 23 36	5° 2'14	18°47	23°12	19°31	9°15	18°25	5°36	3° 2	12°44	15°47	7°27	8°36	1° 1	17°48	T 19
F 20	4 27 33	6° 3'13	1♈49	24°45	20°46	9°42	18°21	5°35	3° 0	12°45	15°47	7°25	8°33	1° 8	17°45	F 20
S 21	4 31 30	7° 4'11	14°35	26°17	22° 2	10° 9	18°16	5°34	2°58	12°47	15°46	7°21	8°30	1°14	17°42	S 21
S 22	4 35 26	8° 5'11	27° 7	27°50	23°17	10°36	18°12	5°33	2°56	12°48	15°45	7°16	8°27	1°21	17°39	S 22
M23	4 39 23	9° 6'11	9♉27	29°23	24°32	11° 3	18° 7	5°32	2°54	12°49	15°45	7°11	8°23	1°28	17°36	M23
T 24	4 43 19	10° 7'12	21°38	0♐56	25°47	11°29	18° 2	5°31	2°53	12°50	15°44	7° 6	8°20	1°34	17°33	T 24
W25	4 47 16	11° 8'14	3♊40	2°29	27° 2	11°55	17°57	5°31	2°51	12°52	15°43	7° 2	8°17	1°41	17°30	W25
T 26	4 51 12	12° 9'17	15°35	4° 2	28°17	12°21	17°52	5°30	2°49	12°53	15°43	6°59	8°14	1°48	17°27	T 26
F 27	4 55 9	13°10'20	27°26	5°35	29°33	12°47	17°46	5°30	2°47	12°54	15°42	6°57	8°11	1°54	17°24	F 27
S 28	4 59 6	14°11'24	9♋13	7° 9	0♑48	13°12	17°41	5°30	2°46	12°56	15°42	6°D57	8° 7	2° 1	17°22	S 28
S 29	5 3 2	15°12'29	21° 0	8°42	2° 3	13°37	17°35	5°29	2°44	12°57	15°41	6°58	8° 4	2° 7	17°19	S 29
M30	5 6 59	16♐13'35	2♌50	10♐16	3♑18	14♍ 2	17♋29	5°D29	2♉42	12♒58	15♈41	6♋59	8♋ 1	2♋14	17♉16	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	16s55	23n20	0n24	8s29	2n19	19s33	0n 0	13n 2	1n50	22n18	0n 9	0s 0	2s43	12n21	0s29	17s25	0s19	9s44	17s25	23n17	23n11	22n35	15n 0	2s34
M 2	17 12	22 45	1 27	8 56	2 16	19 52	0s 2	12 52	1 51	22 18	0 9	0 1	2 43	12 20	0 29	17 25	0 19	9 45	17 24	23 17	23 11	22 36	14 59	2 34
T 3	17 29	21 9	2 26	9 24	2 13	20 11	0 5	12 42	1 52	22 18	0 9	0 2	2 42	12 19	0 29	17 24	0 19	9 45	17 24	23 17	23 11	22 36	14 58	2 34
W 4	17 45	18 34	3 20	9 55	2 9	20 29	0 7	12 32	1 53	22 19	0 9	0 3	2 42	12 18	0 29	17 24	0 19	9 45	17 24	23 17	23 11	22 37	14 57	2 34
T 5	18 2	15 6	4 6	10 26	2 5	20 47	0 10	12 22	1 54	22 19	0 9	0 4	2 42	12 17	0 29	17 24	0 19	9 45	17 24	23 17	23 12	22 38	14 56	2 34
F 6	18 18	10 52	4 42	10 58	2 0	21 4	0 12	12 12	1 55	22 19	0 10	0 5	2 42	12 17	0 29	17 24	0 19	9 45	17 24	23 17	23 12	22 39	14 55	2 34
S 7	18 33	6 0	5 3	11 31	1 55	21 21	0 15	12 2	1 56	22 20	0 10	0 6	2 42	12 16	0 29	17 24	0 19	9 45	17 23	23 17	23 12	22 40	14 54	2 35
S 8	18 48	0 40	5 9	12 5	1 49	21 37	0 17	11 53	1 57	22 20	0 10	0 6	2 41	12 15	0 29	17 23	0 19	9 45	17 23	23 17	23 12	22 41	14 53	2 35
M 9	19 3	4s52	4 57	12 38	1 43	21 52	0 20	11 43	1 58	22 21	0 10	0 7	2 41	12 14	0 29	17 23	0 19	9 45	17 23	23 18	23 12	22 42	14 52	2 35
T 10	19 18	10 19	4 25	13 12	1 37	22 7	0 22	11 33	1 59	22 21	0 10	0 8	2 41	12 14	0 29	17 23	0 19	9 46	17 23	23 18	23 13	22 43	14 51	2 35
W11	19 32	15 18	3 35	13 46	1 31	22 21	0 24	11 23	2 0	22 22	0 10	0 8	2 41	12 13	0 29	17 23	0 19	9 46	17 22	23 18	23 13	22 44	14 50	2 35
T 12	19 46	19 22	2 30	14 20	1 24	22 35	0 27	11 13	2 1	22 22	0 11	0 9	2 40	12 12	0 29	17 23	0 19	9 46	17 22	23 19	23 13	22 44	14 49	2 35
F 13	20 0	22 9	1 14	14 53	1 17	22 47	0 29	11 4	2 2	22 23	0 11	0 9	2 40	12 11	0 29	17 22	0 19	9 46	17 22	23 19	23 13	22 45	14 48	2 35
S 14	20 13	23 21	0s 7	15 26	1 10	22 59	0 32	10 54	2 3	22 23	0 11	0 10	2 40	12 11	0 29	17 22	0 19	9 46	17 22	23 19	23 14	22 46	14 47	2 35
S 15	20 26	22 54	1 26	15 59	1 3	23 11	0 34	10 44	2 4	22 24	0 11	0 10	2 40	12 10	0 29	17 22	0 19	9 46	17 21	23 19	23 14	22 47	14 46	2 35
M16	20 38	20 56	2 38	16 31	0 56	23 22	0 36	10 35	2 5	22 25	0 11	0 11	2 40	12 9	0 29	17 21	0 19	9 46	17 21	23 19	23 14	22 48	14 46	2 35
T 17	20 50	17 45	3 39	17 3	0 49	23 32	0 39	10 25	2 6	22 25	0 11	0 11	2 39	12 9	0 29	17 21	0 19	9 46	17 21	23 19	23 14	22 49	14 45	2 35
W18	21 2	13 39	4 26	17 34	0 42	23 41	0 41	10 16	2 7	22 26	0 11	0 11	2 39	12 8	0 29	17 21	0 19	9 46	17 21	23 19	23 14	22 49	14 44	2 35
T 19	21 13	9 0	4 57	18 4	0 35	23 49	0 43	10 7	2 8	22 27	0 12	0 12	2 39	12 7	0 29	17 21	0 19	9 46	17 20	23 19	23 15	22 50	14 43	2 35
F 20	21 24	4 2	5 11	18 34	0 28	23 57	0 45	9 57	2 10	22 27	0 12	0 12	2 39	12 7	0 29	17 20	0 19	9 46	17 20	23 19	23 15	22 51	14 42	2 35
S 21	21 34	1n 0	5 10	19 3	0 21	24 4	0 48	9 48	2 11	22 28	0 12	0 12	2 38	12 6	0 28	17 20	0 19	9 46	17 20	23 19	23 15	22 52	14 41	2 35
S 22	21 44	5 54	4 55	19 31	0 14	24 11	0 50	9 39	2 12	22 29	0 12	0 12	2 38	12 5	0 28	17 20	0 19	9 46	17 19	23 19	23 15	22 53	14 40	2 35
M23	21 54	10 30	4 25	19 59	0 7	24 16	0 52	9 30	2 13	22 30	0 12	0 12	2 38	12 5	0 28	17 19	0 19	9 46	17 19	23 20	23 15	22 54	14 39	2 35
T 24	22 3	14 38	3 44	20 25	0s 0	24 21	0 54	9 21	2 14	22 31	0 12	0 12	2 38	12 4	0 28	17 19	0 19	9 46	17 19	23 20	23 16	22 54	14 38	2 36
W25	22 11	18 8	2 53	20 51	0 7	24 26	0 56	9 12	2 15	22 31	0 13	0 12	2 37	12 3	0 28	17 19	0 19	9 46	17 18	23 20	23 16	22 55	14 38	2 36
T 26	22 20	20 50	1 55	21 15	0 14	24 29	0 58	9 3	2 16	22 32	0 13	0 12	2 37	12 3	0 28	17 18	0 19	9 46	17 18	23 20	23 16	22 56	14 37	2 36
F 27	22 28	22 38	0 52	21 39	0 20	24 32	1 0	8 54	2 18	22 33	0 13	0 12	2 37	12 2	0 28	17 18	0 19	9 45	17 18	23 20	23 16	22 57	14 36	2 36
S 28	22 35	23 25	0n13	22 1	0 27	24 33	1 2	8 45	2 19	22 34	0 13	0 12	2 36	12 2	0 28	17 17	0 19	9 45	17 18	23 20	23 16	22 58	14 35	2 36
S 29	22 42	23 9	1 17	22 23	0 34	24 35	1 4	8 37	2 20	22 35	0 13	0 12	2 36	12 1	0 28	17 17	0 19	9 45	17 17	23 20	23 17	22 58	14 34	2 36
M30	22s48	21n50	2n18	22s43	0s40	24s35	1s 6	8n28	2n21	22n36	0n13	0s12	2s36	12n 1	0s28	17s17	0s19	9s45	17s17	23n20	23n17	22n59	14n33	2s36

Julian Day Number = 2214084.5, Delta T = 09m09s
Ecliptic obliquity = 23°31'24, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°40'18, Lahiri = 14°47'18 Julian Calendar 1 Nov. 1349 == Greg. Calendar 9 Nov. 1349

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ASTRODIENST EPHEMERIS for the year 1349
geocentric

DECEMBER 1349 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	5 10 55	17♐14'41	14♌45	11♐49	4♑33	14♍26	17°R23	5♈29	2°R41	13♒ 0	15°R40	7♋ 1	7♋58	2♋21	17°R13	T 1
W 2	5 14 52	18°15'48	26°52	13°23	5°48	14°51	17♋17	5°30	2♉39	13° 1	15♈40	7° 2	7°55	2°27	17♉11	W 2
T 3	5 18 48	19°16'56	9♍12	14°57	7° 3	15°15	17°11	5°30	2°38	13° 3	15°39	7° 3	7°52	2°34	17° 8	T 3
F 4	5 22 45	20°18'05	21°52	16°32	8°18	15°38	17° 4	5°30	2°36	13° 4	15°39	7°R 4	7°48	2°41	17° 5	F 4
S 5	5 26 41	21°19'14	4♎55	18° 6	9°34	16° 2	16°58	5°31	2°35	13° 6	15°39	7° 3	7°45	2°47	17° 3	S 5
S 6	5 30 38	22°20'24	18°25	19°41	10°49	16°25	16°51	5°31	2°34	13° 7	15°38	7° 2	7°42	2°54	17° 0	S 6
M 7	5 34 35	23°21'35	2♏22	21°16	12° 4	16°47	16°44	5°32	2°32	13° 9	15°38	7° 0	7°39	3° 1	16°58	M 7
T 8	5 38 31	24°22'46	16°47	22°51	13°19	17°10	16°37	5°33	2°31	13°11	15°38	6°59	7°36	3° 7	16°55	T 8
W 9	5 42 28	25°23'58	1♐35	24°26	14°34	17°32	16°30	5°34	2°30	13°12	15°37	6°57	7°33	3°14	16°53	W 9
T 10	5 46 24	26°25'10	16°40	26° 2	15°49	17°54	16°23	5°35	2°28	13°14	15°37	6°56	7°29	3°21	16°50	T 10
F 11	5 50 21	27°26'23	1♑54	27°38	17° 4	18°15	16°16	5°36	2°27	13°16	15°37	6°D56	7°26	3°27	16°48	F 11
S 12	5 54 17	28°27'36	17° 6	29°14	18°19	18°36	16° 8	5°37	2°26	13°17	15°36	6°56	7°23	3°34	16°46	S 12
S 13	5 58 14	29°28'49	2♒ 7	0♑50	19°34	18°57	16° 1	5°38	2°25	13°19	15°36	6°56	7°20	3°40	16°44	S 13
M14	6 2 10	0♑30'01	16°49	2°27	20°49	19°17	15°54	5°40	2°24	13°21	15°36	6°57	7°17	3°47	16°42	M14
T 15	6 6 7	1°31'14	1♓ 7	4° 4	22° 4	19°37	15°46	5°42	2°23	13°23	15°36	6°57	7°13	3°54	16°40	T 15
W16	6 10 4	2°32'26	14°59	5°42	23°19	19°57	15°38	5°43	2°22	13°25	15°36	6°58	7°10	4° 0	16°38	W16
T 17	6 14 0	3°33'37	28°25	7°20	24°34	20°16	15°31	5°45	2°22	13°26	15°36	6°R58	7° 7	4° 7	16°36	T 17
F 18	6 17 57	4°34'49	11♈26	8°58	25°49	20°35	15°23	5°47	2°21	13°28	15°36	6°58	7° 4	4°14	16°34	F 18
S 19	6 21 53	5°35'59	24° 7	10°36	27° 4	20°53	15°15	5°49	2°20	13°30	15°35	6°58	7° 1	4°20	16°32	S 19
S 20	6 25 50	6°37'10	6♉30	12°15	28°19	21°11	15° 7	5°51	2°19	13°32	15°35	6°D58	6°58	4°27	16°30	S 20
M21	6 29 46	7°38'20	18°40	13°54	29°34	21°29	14°59	5°53	2°19	13°34	15°35	6°58	6°54	4°34	16°28	M21
T 22	6 33 43	8°39'30	0♊40	15°34	0♒49	21°46	14°51	5°56	2°18	13°36	15°D35	6°58	6°51	4°40	16°27	T 22
W23	6 37 39	9°40'39	12°33	17°14	2° 3	22° 2	14°43	5°58	2°17	13°38	15°35	6°58	6°48	4°47	16°25	W23
T 24	6 41 36	10°41'48	24°22	18°54	3°18	22°19	14°35	6° 1	2°17	13°40	15°35	6°58	6°45	4°54	16°23	T 24
F 25	6 45 33	11°42'57	6♋ 9	20°34	4°33	22°35	14°27	6° 3	2°17	13°42	15°35	6°R59	6°42	5° 0	16°22	F 25
S 26	6 49 29	12°44'05	17°58	22°14	5°48	22°50	14°19	6° 6	2°16	13°44	15°36	6°59	6°39	5° 7	16°20	S 26
S 27	6 53 26	13°45'13	29°49	23°55	7° 3	23° 5	14°11	6° 9	2°16	13°46	15°36	6°58	6°35	5°14	16°19	S 27
M28	6 57 22	14°46'20	11♌45	25°35	8°17	23°19	14° 3	6°12	2°15	13°48	15°36	6°57	6°32	5°20	16°18	M28
T 29	7 1 19	15°47'27	23°49	27°16	9°32	23°33	13°55	6°15	2°15	13°50	15°36	6°56	6°29	5°27	16°17	T 29
W30	7 5 15	16°48'34	6♍ 2	28°56	10°47	23°46	13°47	6°18	2°15	13°52	15°36	6°55	6°26	5°33	16°15	W30
T 31	7 9 12	17♑49'40	18♍28	0♒36	12♒ 1	23♍59	13♋39	6♈21	2♉15	13♒54	15♈36	6♋53	6♋23	5♋40	16♉14	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22s55	19n33	3n14	23s 3	0s46	24s35	1s 8	8n20	2n22	22n37	0n14	0s12	2s36	12n 0	0s28	17s16	0s19	9s45	17s17	23n20	23n17	23n 0	14n33	2s36
W 2	23 0	16 24	4 2	23 21	0 52	24 33	1 10	8 12	2 24	22 38	0 14	0 11	2 35	12 0	0 28	17 16	0 19	9 45	17 16	23 20	23 17	23 1	14 32	2 36
T 3	23 5	12 28	4 40	23 38	0 58	24 31	1 12	8 3	2 25	22 39	0 14	0 11	2 35	11 59	0 28	17 15	0 19	9 45	17 16	23 20	23 17	23 1	14 31	2 36
F 4	23 10	7 55	5 6	23 54	1 4	24 29	1 13	7 55	2 26	22 40	0 14	0 10	2 35	11 59	0 28	17 15	0 19	9 45	17 16	23 20	23 18	23 2	14 30	2 36
S 5	23 14	2 53	5 17	24 8	1 9	24 25	1 15	7 47	2 27	22 41	0 14	0 10	2 35	11 58	0 28	17 14	0 19	9 44	17 15	23 20	23 18	23 3	14 30	2 36
S 6	23 18	2s27	5 11	24 22	1 15	24 21	1 17	7 40	2 29	22 42	0 14	0 10	2 34	11 58	0 28	17 14	0 19	9 44	17 15	23 20	23 18	23 4	14 29	2 36
M 7	23 21	7 51	4 47	24 34	1 20	24 16	1 18	7 32	2 30	22 43	0 15	0 9	2 34	11 57	0 28	17 14	0 19	9 44	17 15	23 20	23 18	23 4	14 28	2 36
T 8	23 24	13 1	4 4	24 44	1 25	24 11	1 20	7 24	2 31	22 44	0 15	0 8	2 34	11 57	0 28	17 13	0 19	9 44	17 14	23 20	23 18	23 5	14 28	2 36
W 9	23 27	17 33	3 4	24 54	1 30	24 4	1 21	7 17	2 32	22 45	0 15	0 8	2 34	11 57	0 28	17 13	0 19	9 44	17 14	23 20	23 18	23 6	14 27	2 36
T 10	23 28	21 2	1 50	25 2	1 34	23 57	1 23	7 9	2 34	22 46	0 15	0 7	2 33	11 56	0 28	17 12	0 19	9 43	17 13	23 20	23 19	23 6	14 26	2 36
F 11	23 30	23 3	0 28	25 9	1 38	23 49	1 24	7 2	2 35	22 47	0 15	0 7	2 33	11 56	0 28	17 12	0 19	9 43	17 13	23 20	23 19	23 7	14 26	2 36
S 12	23 31	23 21	0s56	25 14	1 43	23 40	1 25	6 55	2 36	22 48	0 15	0 6	2 33	11 55	0 28	17 11	0 19	9 43	17 13	23 20	23 19	23 8	14 25	2 36
S 13	23 31	21 58	2 16	25 18	1 46	23 31	1 27	6 48	2 38	22 49	0 15	0 5	2 32	11 55	0 28	17 11	0 19	9 43	17 12	23 20	23 19	23 9	14 25	2 36
M14	23 31	19 6	3 24	25 20	1 50	23 21	1 28	6 41	2 39	22 50	0 16	0 4	2 32	11 55	0 28	17 10	0 19	9 42	17 12	23 20	23 19	23 9	14 24	2 35
T 15	23 31	15 8	4 18	25 21	1 53	23 10	1 29	6 35	2 40	22 51	0 16	0 3	2 32	11 55	0 28	17 10	0 19	9 42	17 12	23 20	23 20	23 10	14 23	2 35
W16	23 30	10 28	4 55	25 20	1 56	22 59	1 30	6 28	2 42	22 52	0 16	0 2	2 32	11 54	0 28	17 9	0 19	9 42	17 11	23 20	23 20	23 11	14 23	2 35
T 17	23 29	5 26	5 15	25 18	1 59	22 47	1 31	6 22	2 43	22 53	0 16	0 1	2 31	11 54	0 28	17 9	0 19	9 42	17 11	23 20	23 20	23 11	14 22	2 35
F 18	23 27	0 19	5 17	25 14	2 1	22 34	1 32	6 16	2 44	22 54	0 16	0 0	2 31	11 54	0 28	17 8	0 19	9 41	17 11	23 20	23 20	23 12	14 22	2 35
S 19	23 24	4n40	5 4	25 8	2 3	22 20	1 33	6 10	2 46	22 55	0 16	0n 1	2 31	11 53	0 28	17 8	0 19	9 41	17 10	23 20	23 20	23 13	14 21	2 35
S 20	23 21	9 22	4 37	25 1	2 4	22 6	1 34	6 4	2 47	22 56	0 17	0 2	2 31	11 53	0 28	17 7	0 19	9 41	17 10	23 20	23 20	23 13	14 21	2 35
M21	23 18	13 38	3 58	24 53	2 6	21 51	1 34	5 58	2 49	22 57	0 17	0 3	2 30	11 53	0 28	17 6	0 19	9 40	17 10	23 20	23 21	23 14	14 20	2 35
T 22	23 14	17 17	3 9	24 42	2 6	21 36	1 35	5 53	2 50	22 58	0 17	0 4	2 30	11 53	0 28	17 6	0 19	9 40	17 9	23 20	23 21	23 15	14 20	2 35
W23	23 10	20 12	2 12	24 30	2 7	21 19	1 36	5 48	2 52	22 59	0 17	0 5	2 30	11 53	0 28	17 5	0 19	9 40	17 9	23 20	23 21	23 15	14 20	2 35
T 24	23 5	22 15	1 10	24 17	2 7	21 3	1 36	5 42	2 53	23 0	0 17	0 6	2 30	11 53	0 28	17 5	0 19	9 39	17 8	23 20	23 21	23 16	14 19	2 35
F 25	23 0	23 18	0 5	24 1	2 6	20 45	1 37	5 37	2 54	23 1	0 17	0 8	2 29	11 52	0 28	17 4	0 19	9 39	17 8	23 20	23 21	23 17	14 19	2 35
S 26	22 55	23 19	1n 1	23 44	2 5	20 27	1 37	5 33	2 56	23 2	0 17	0 9	2 29	11 52	0 28	17 4	0 19	9 39	17 8	23 20	23 21	23 17	14 18	2 35
S 27	22 49	22 16	2 4	23 25	2 3	20 9	1 37	5 28	2 57	23 3	0 18	0 10	2 29	11 52	0 28	17 3	0 19	9 38	17 7	23 20	23 22	23 18	14 18	2 35
M28	22 42	20 14	3 2	23 5	2 1	19 50	1 38	5 24	2 59	23 4	0 18	0 12	2 28	11 52	0 27	17 2	0 19	9 38	17 7	23 20	23 22	23 18	14 18	2 35
T 29	22 35	17 16	3 52	22 43	1 59	19 30	1 38	5 20	3 0	23 5	0 18	0 13	2 28	11 52	0 27	17 2	0 19	9 37	17 7	23 20	23 22	23 19	14 18	2 35
W30	22 28	13 33	4 32	22 19	1 55	19 10	1 38	5 16	3 2	23 6	0 18	0 15	2 28	11 52	0 27	17 1	0 19	9 37	17 6	23 21	23 22	23 20	14 17	2 35
T 31	22s20	9n11	5n 1	21s54	1s51	18s49	1s38	5n12	3n 3	23n 7	0n18	0n16	2s28	11n52	0s27	17s 1	0s19	9s37	17s 6	23n21	23n22	23n20	14n17	2s35

Julian Day Number = 2214114.5, Delta T = 09m09s
Ecliptic obliquity = 23°31'24, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 15°40'22, Lahiri = 14°47'23 Julian Calendar 1 Dec. 1349 == Greg. Calendar 9 Dec. 1349

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